Narellan Creek Catchment Flood Study Including Detailed Overland Flow

Flood Study (Draft)

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Catchment Simulation Solutions

Narellan Creek Catchment Flood Study Including Detailed Overland Flow

Flood Study (Draft)

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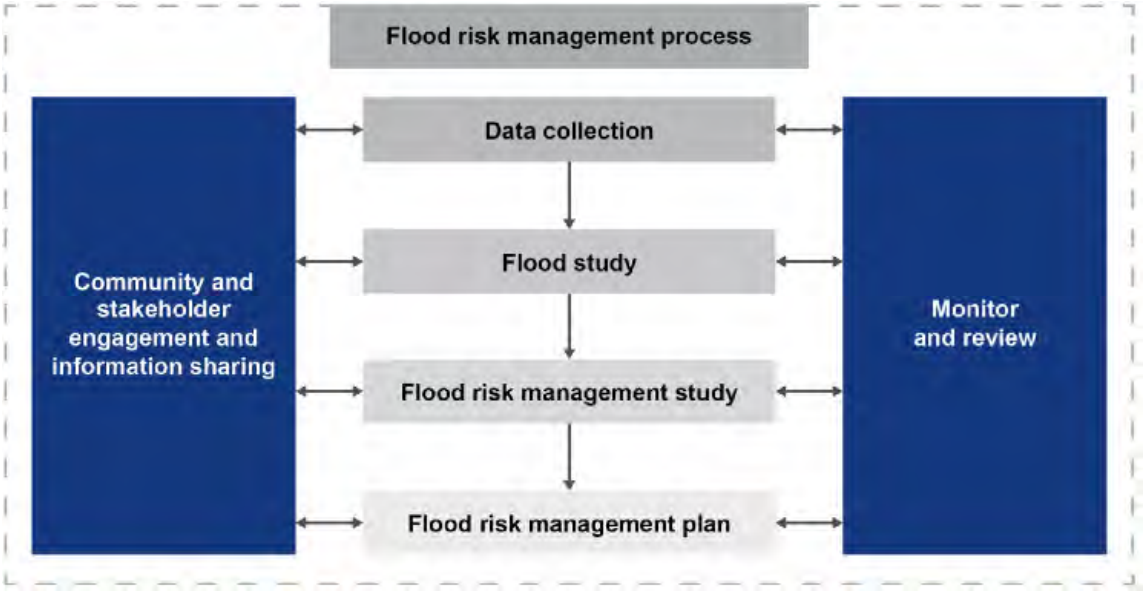
FOREWORD

The NSW State Government's Flood Prone Land Policy is directed towards providing solutions to existing flooding problems in developed areas and ensuring that new development is compatible with the flood hazard and does not create additional flooding problems in other areas. The Policy is defined in the NSW Government's '*Flood Risk Management Manual' (NSW Government, 2023)*.

Under the Policy, the management of flood liable land remains the responsibility of Local Government. The State Government subsidises flood mitigation works to alleviate existing problems and provides specialist technical advice to assist Local Government in its floodplain management responsibilities.

The Policy provides for technical and financial support by the State Government through the following stages:



The *Narellan Creek Catchment Flood Study* represents the second of the five stages in the process outlined above. The aim of the overland flow study is to produce detailed information on flood discharges, levels, depths and velocities, for a range of flood events under existing topographic and development conditions. This information can then be used as a basis for identifying those areas where the greatest flood damage is likely to occur, thereby allowing a targeted assessment of where flood mitigation measures would be best implemented as part of the subsequent Floodplain Risk Management Study and Plan.

Executive Summary

Overview

The Narellan Creek catchment covers an area of 36 square kilometres within the Camden Council Local Government Area (LGA). It incorporates the main watercourse of Narellan Creek as well as a several smaller tributaries, including:

- Kenny Creek
- Annan Creek
- Thornleigh Gully
- Howe Rivulet
- Cross Creek
- Condron Creek
- Herbert Rivulet
- Oxley Rivulet

The catchment is mostly urbanised and extends across parts of the suburbs of Narellan, Narellan Vale, Harrington Park, Currans Hill, Kirkham, Elderslie, and Mount Annan.

During periods of heavy rainfall in the catchment there is potential for water to overtop the banks of the various creeks and inundate the adjoining floodplain. There is also potential for overland flooding across the urbanised areas which can occur when the capacity of the local stormwater system is exceeded, resulting in the excess water travelling along roads and, potentially, through properties.

In recognition of the potential impact that mainstream and overland flooding may have on the local community, Camden Council engaged Catchment Simulation Solutions to prepare a flood study for the Narellan Creek catchment. It documents flood behaviour across the catchment for a range of historic and design floods. This includes information on flood discharges, levels, depths and flow velocities. It also provides estimates of the variation in flood hazard and provides an assessment of the potential impacts of climate change on existing flood behaviour.

Community Consultation

A questionnaire was distributed to approximately 3,000 properties within the catchment. The questionnaire aimed to secure information on community flooding experiences, with a particular focus on information that could be used to assist in the calibration of the computer flood models that would be developed during later stages of the project. A total of 45 questionnaire responses were received.

The responses to the questionnaire showed that around 30% of the respondents had been impacted by flooding. The most common reported flood impacts were roadways being cut by floodwaters as well as inundation of front and back yards.

Computer Flood Models

Flood behaviour across the catchment was defined using two computer models that were developed for the study:

- A hydrologic model of the catchment was developed using the WBNM software. The hydrologic model was used to simulate the transformation of rainfall into runoff and generate discharge (flow) hydrographs at various locations across the catchment.
- A hydraulic computer model of the catchment (including the creek and stormwater system) was developed using the TUFLOW software. The hydraulic model takes the discharge hydrographs produced by the hydrologic model and simulates how that flow would move and be distributed across the catchment.

The WBNM and TUFLOW models were calibrated using historic rainfall and flooding reports/photos that were provided by the community. The floods that were selected for calibration include events that occurred in 2016 as well as March and July 2022. The outcomes of the calibration showed that the computer models were producing reliable reproductions of each historic flood.

Design Flood Simulations

The calibrated models were used to simulate the design 50%, 20% AEP, 10% AEP, 5% AEP, 2% AEP, 1% AEP, 0.5% AEP and 0.2% AEP floods. The Probable Maximum Flood (PMF) was also simulated (i.e., the largest flood that could occur). The results of each design flood were extracted, and figures were prepared to display the results. The figures are provided in Volume 2 and include:

- Floodwater Depths: **Figures 14** to **22**
- Floodwater Velocity: **Figures 32** to **40**
- Flood Hazard: **Figures 42** to **46** (flood hazard mapping shows the potential impact that floodwaters are likely to have on people, vehicles and buildings in the catchment)
- Hydraulic Category: **Figures 53** to **56** (hydraulic category mapping shows areas that should preserved for the conveyance and storage of floodwaters)

Analysis of Results

The flood mapping shows that during more frequent floods (e.g., up to and including the 10% AEP event), overland flooding is characterised by shallow water depths that are mostly contained to roads.

During moderate to larger floods (i.e., up to and including the 1% AEP event), water depths along roads become more significant. A significant number of roads (i.e., 165 road segments) are predicted to experience water depths of at least 0.3 metres at the peak of the1% AEP flood, which would typically be sufficient to prevent vehicular movement (i.e., many roads would be cut by water).

During extreme floods (i.e., the PMF), nearly 1,400 road segments would be cut. This includes more than 300 road segments inundated with more than 1 metre of water. This would result in floodwater extending well beyond the road reserve in many areas resulting in inundation of adjoining properties.

Depths or more than 1.5 metres are predicted around the Mount Annan Marketplace at the peak PMF. Likewise, depths of well over 1 metre are predicted around the Narellan Town Centre. This would likely place a significant number of staff and patrons at risk in these busy commercial precincts.

A significant number of roads and properties in the lower catchment are also predicted to be exposed to significant inundation depths, however, this is driven by elevated Nepean River water levels rather than local catchment runoff.

A flood damages assessment was also completed to understand the potential financial impact of flooding on the community. This determined that the average annual flood damage cost is approximately $3 million. This reflects the approximate amount that would need to be set aside each year to pay for replacing damaged stock and building contents and indirect costs such as clean up and loss of trading. Therefore, the potential economic impacts of flooding in the catchment can be significant.

The outcomes of the climate change simulations also showed that future increases in rainfall have the potential to increase existing flood levels and depths by at least 0.1 metres across most locations within the catchment. Therefore, climate change does have the potential to increase the existing flood risk in the future.

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1 INTRODUCTION

The Narellan Creek catchment covers an area of 35 km^2 within the Camden Council Local Government Area. It incorporates Narellan Creek as well as a number of tributaries including:

- Kenny Creek
- Annan Creek
- Thornleigh Gully
- Howe Rivulet
- Cross Creek
- Condron Creek
- Herbert Rivulet
- Oxley Rivulet

As shown in **Figure 1** (enclosed in Volume 2), the study area extends across parts of the suburbs of Narellan, Narellan Vale, Harrington Park, Currans Hill, Kirkham, Elderslie, and Mount Annan.

The study area comprises a mix of residential, commercial, and industrial areas with scattered areas of open space. Most of the urbanised portion of the catchment is drained by a sub-surface stormwater system. During periods of heavy rainfall there is potential for the capacity of the stormwater system to be exceeded, leading to local overland flooding.

Although flood studies for the Narellan Creek catchment have been prepared in the past, they have focussed on defining the flood risk from "mainstream" flooding of the creek network and/or "backwater" flooding from the Nepean River. Mainstream flooding refers to inundation associated with water overtopping the banks of the various creeks and watercourses in the study area. As a result, the potential flood risk from overland flooding has not been comprehensively assessed.

Therefore, Camden Council engaged Catchment Simulation Solutions to expand the previous flooding investigations to include a detailed assessment of overland flooding for the Narellan Creek catchment. It builds upon past flood studies with a particular focus on providing an improved understanding of overland flood behaviour, while also considering the risk of mainstream inundation. This includes information on flood discharges, levels, depths, and flow velocities. It also provides estimates of the variation in flood hazard and hydraulic categories across the catchment and provides an assessment of the potential impacts of climate change on existing overland flood behaviour.

The flood study comprises two volumes:

- Volume 1 (this document): contains the report text and appendices.
- Volume 2: contains all figures and maps.

2 Data Collection and Review

2.1 Overview

A range of data were made available to assist with the preparation of the detailed overland flow study for the Narellan Creek catchment. This included previous reports, flood models, digital data, and engineering plans.

A description of each dataset along with a synopsis of its relevance to the current study is summarised below.

2.2 Previous Reports

2.2.1 Harrington Park Hydrologic and Hydraulic Report (2000)

The *Harrington Park Hydrologic and Hydraulic Report* was prepared by SMEC for Camden City Council in 2000. The report was prepared to support the design on the Harrington Park Lakes water quality and flood management system.

Hydrologic modelling was completed as part of the study using the XP-RAFTS software and the hydraulic analysis was completed using the MIKE-11 software. No calibration was completed for either model.

Much of the information contained in this report is now outdated, most notably the considerable changes that have occurred across the upstream catchment since the models were originally developed. Furthermore, the 1-dimensional hydraulic modelling software used has largely been replaced with 2-dimensional hydraulic software. Therefore, this report is considered to be of limited value to the current study, particularly with access to more recent flood studies, as discussed below.

2.2.2 Narellan Creek Flood Study (2015)

The *Narellan Creek Flood Study* was prepared by Worley Parsons for Camden City Council in 2015. The primary goal of the flood study was to quantify existing flood behaviour across the Narellan Creek catchment. The focus was on defining mainstream flood behaviour and major overland flow paths rather than fine scale/shallow inundation.

The study included the development of an XP-RAFTS hydrologic model and a TUFLOW hydraulic model to assist in defining flood behaviour across the catchment. The models were calibrated against recorded flood marks as well as anecdotal flood information provided by the community for floods that occurred in February 2007, February 2008, and January 2013.

The calibrated models were used to simulate a range of design floods (i.e., from the 50% AEP flood up to the probable maximum flood). All design floods adopted a 20% AEP Nepean

River flood level to serve as the downstream boundary conditions, except for the 50% AEP local catchment flood, which adopted a 50% AEP Nepean River water level.

Although this study was considered to reflect best practice at the time it was prepared, it now suffers several limitations, namely:

- Only major trunk drainage pits and pipes were included in the model
- Hydrology was defined using the 1987 version of '*Australian Rainfall and Runoff - A Guide to Flood Estimation*' (Engineers Australia). This has since been superseded by the 2019 revision.
- Parts of the catchment have undergone significant development over the last decade. As a result, the results no longer provide the best description of contemporary catchment conditions.
- The representation of some components of the various lakes and hydraulic structures was limited (this is discussed further in Section 2.2.4).

2.2.3 Narellan Creek Flood Study Peer Review Reports (2014)

Three separate peer reviews of the draft '*Narellan Creek Flood Study*' (Worley Parsons, 2014) were commissioned by Camden Council due to some notable differences in the draft design flood levels relative to the 'Harrington Park Hydrologic and Hydraulic Report' (SMEC, 2000).

The first peer review report was prepared by WMAwater and is titled 'Peer Review of Draft Narellan Creek Flood Study' (2014). This peer review report recommended that the hydrologic approach be updated by using a dedicated hydrologic model (rather than a direct rainfall approach with an embedded design burst) as well as modifications to some other hydraulic model inputs (e.g., bridge loss coefficients, additional survey, 1D structure instabilities, allowances for structure blockage).

The 'Review of Narellan Creek Flood Study and Peer Review by WMA Water' (Square Link, 2014) was subsequently completed. This report recommended that the updates documented by WMAwater (2014) be implemented and the draft '*Narellan Creek Flood Study*' be updated to reflect these changes before being placed on public exhibition.

The 'Hydrological Modelling of the 1% AEP Flood in the Narellan Creek Catchment' report was then completed by Cardno. This study focussed on whether the hydrologic approach employed as part of the draft flood study is suitable or should be updated based on the WMAwater recommendation. This study concluded that the primary reason for the design flood level differences was the hydrologic approach (i.e., embedded design burst) and that this approach should be modified before adoption of the flood study.

The draft '*Narellan Creek Flood Study*' took account of the recommendations documented in each peer review, and the associated updates are reflected in the final '*Narellan Creek Flood Study*' (Worley Parsons, 2015), as discussed above.

2.2.4 Update of Narellan Creek Flood Study (2017)

The '*Update of Narellan Creek Flood Study*' was prepared by Public Works Advisory and Manly Hydraulics Laboratory for Camden City Council in 2017. The study aimed to update

the definition of flood behaviour that was provided as part of the '*Narellan Creek Flood Study'* (Worley Parsons, 2015) to take account of new developments as well as additional datasets.

A detailed review of the XP-RAFTS and TUFLOW models developed for the 2015 Study was completed. This review identified the need for several updates to the TUFLOW hydraulic model. This included:

- Inclusion of work as executed terrain to represent new developments.
- Inclusion of additional stormwater infrastructure.
- Inclusion of additional cuvlerts (e.g., The Northern Road crossing of Narellan Creek)
- Lake Yandel'ora low and high flow pipe representation was updated
- Hydraulic roughness in riparian areas was refined
- Harrington Parkway bridge was included
- Harrington Park Lakes representation was updated. This included updates to lake and creek bathymetry, inclusion of various low and high flow pipes as well as modifications to the initial water levels.

The updated TUFLOW model was calibrated against data collected following the February 2007 flood as well as the June 2016 flood, which was not available at the time the 2015 study was completed. A good calibration outcome was achieved to these events.

The updated TUFLOW model was used to re-simulate the full range of design floods (from the 50% AEP flood up to the probable maximum flood) and produce a range of flood mapping. This included floodwater depths, velocities, water levels, hazard and hydraulic categories. Floodwater extents for the 1% AEP and PMF from this study are provided on **Figure 2**.

The study did acknowledge the potential for the Nepean River to significantly influence flood levels in the lower parts of the Narellan Creek catchment. Therefore, the results of the Narellan Creek catchment flood simulations were "enveloped" with peak design water levels for the Nepean River taken from the 'Nepean River Flood Study' (Worley Parsons 2015).

Overall, the TUFLOW model developed for this study is considered to provide the best available description of flood behaviour for the Narellan Creek catchment. However, it still has some limitations including:

- Further development has occurred meaning that the model no longer provides a reliable description of modern catchment conditions. This includes terrain changes, impervious changes, and new stormwater infrastructure.
- The '*Australian Rainfall and Runoff - A Guide to Flood Estimation*' (Engineers Australia, 1987) hydrology was retained, which is now superseded by the 2019 revision.
- Only major overland flow paths (i.e., flow paths with depths greater than 0.3m) are delineated. Therefore, areas of shallow but potentially high velocity flows, are not captured.

2.2.5 Nepean River Floodplain Risk Management Study & Plan (2022)

Cardo NSW/ACT Pty Ltd prepared the '*Nepean River Floodplain Risk Management Study and Plan'* (2022) on behalf of Camden Council. The report was prepared as part of the NSW Government's Floodplain Management Program which aims to reduce existing flooding problems across developed areas and ensure that new development is compatible with the flood hazard and does not create additional flooding problems elsewhere.

Although the Study and Plan focussed on the Nepean River, the Narellan Creek catchment was also included in the study area. The Study and Plan took advantage of the TUFLOW hydraulic model that was updated as part of the *'Update of Narellan Creek Flood Study'* (PWA, 2017) to define the flood risk across the Narellan Creek catchment. However, as noted in the previous section, this model did not fully capture all potential overland flow paths. Therefore, to ensure the flood risk was better captured by the Study and Plan, the TUFLOW model was updated to include a "direct rainfall" component which allows for a full assessment of all overland flow paths within the study area.

Although negligible changes were completed to the TUFLOW model, it is still considered to be the best available model to serve as a "starting point" for the current study. In this regard, a detailed review of this TUFLOW model was completed as part of the current study. The goal of this review was to determine which components of the model are fit-for-purpose while also identifying what updates would need to be completed as part of the project to ensure the model provided the best possible description of contemporary overland flow behaviour. The outcomes of this review are included in Appendix A.

As shown in Appendix A, the main TUFLOW model updates that are recommended include:

- Including a full representation of all Council-owned stormwater drainage assets.
- Including updated LiDAR information to ensure a contemporary terrain representation is provided (discussed further in Section 2.41).
- Taking advantage of the most recent version of the TUFLOW software, including sub-grid sampling to provide a more detailed representation of overland flow paths.
- Including additional culverts and bridges
- Assigning blockage to culverts and bridges based on ARR2019
- Providing a more detailed representation of hydraulic roughness at the sub-lot scale to better reflect overland flow impediments (e.g., buildings)
- Providing more detailed/additional inflow locations to ensure all overland flow paths are captured

Further detailed information on the updates that were completed to TUFLOW model is provided in Chapter 4.

2.3 Historic Data

2.3.1 Rain Gauge Data

A number of daily read and sub-daily rainfall gauges are located within or adjacent to the Narellan Creek catchment. A list of rain gauges located within 10 km of the catchment is provided in **Table 1**. The location of each gauge is shown in **Figure 3**.

Table 1 Available rain gauges in the vicinity of the Narellan Creek catchment

Gauge Number	Gauge Name	Gauge Type	Source*	Start of Records	End of Records	Distance from centroid of catchment (km)
568156	Camden Golf Course (Composite)	Sub-daily	SCA (NSW)	27/03/1987		**1.54**
68037	Kenny Hill	Daily	BOM (AUS)	29/06/1925	29/12/1970	**2.22**
68011	Camden Bowling Club	Daily	BOM (AUS)	27/02/1883	29/12/1977	**2.60**
68254	Mount Annan Botanic Garden	Daily	BOM (AUS)	1/01/2002		**3.43**
68150	Narellan	Daily	BOM (AUS)	30/10/1895	29/12/1933	**3.78**
568175	Kenny Hill (Trunk receiving station)	Sub-daily	SW	23/09/1991		**3.79**
568174	Eagleview Rd Reservoir at Minto	Sub-daily	SWB (NSW)	9/04/1987	25/01/2001	**4.08**
68012	Camden Mwsdb	Daily	BOM (AUS)	29/09/1946	29/12/1970	**4.11**
68225	Camden (Camtrac)	Daily	BOM (AUS)	30/08/1986	29/06/2000	**4.23**
68230	Campbelltown U.W.South	Daily	BOM (AUS)	28/02/1992	28/06/1994	**4.98**
68014	Campbelltown 1	Daily	BOM (AUS)	29/11/1845	29/12/1961	**5.78**
568130	West Camden STP	Sub-daily	SCA (NSW)	30/08/1977		**6.23**
68207	Roseneath	Daily	BOM (AUS)	30/08/1888	29/12/1974	**6.35**
68227	Ambarvale Clennam Ave	Daily	BOM (AUS)	29/09/1988	10/10/2001	**6.50**
213006	Fishers Ghost Ck at Bradbury Park	Sub-daily	DNR (NSW)	9/04/1981		**6.91**
68042	Minto 2	Daily	BOM (AUS)	1/01/1928	1/01/1949	**7.10**
568147	Camden (Camden Park Reservior)	Sub-daily	SW	1/08/1985		**7.15**
68015	Campbelltown 2 Mwsdb	Daily	BOM (AUS)	30/10/1946	29/12/1970	**7.19**
68041	Menangle	Daily	BOM (AUS)	29/09/1895	29/12/1952	**7.44**
568177	Ingleburn Dam (Raby Road)	Sub-daily	SW	15/09/1991		**7.56**
68081	Campbelltown Swimming Centre	Daily	BOM (AUS)	29/09/1959	29/12/1984	**8.03**
68141	Cawdor	Daily	BOM (AUS)	01/01/1896	1/01/1925	**8.37**
67015	Bringelly (Maryland)	Daily	BOM (AUS)	31/03/1998		**8.40**
68007	Camden (Brownlow Hill)	Daily	BOM (AUS)	1/08/1985		**8.5**

Gauge Number	Gauge Name	Gauge Type	Source*	Start of Records	End of Records	Distance from centroid of catchment (km)
68122	Cawdor (Woodburn)	Daily	BOM (AUS)	29/11/1962		**8.54**
68141	Cawdor	Daily	BOM (AUS)	01/01/1896	1/01/1925	**8.54**
567228	Tbrg at Syd.Water Res'Voir-Flynn Reserve-Bradbury	Sub-daily	DNR (NSW)	8/04/1983	7/04/1993	**8.7**
67107	Varroville (St James Rd)	Daily	BOM (AUS)	29/11/1992	30/10/1998	**8.86**
568149	Camden (Brownlow Hill)	Sub-daily	SW	1/08/1985		**9.14**
68043	Minto Surrey Street	Daily	BOM (AUS)	29/09/1889	1/01/1990	**9.34**
68220	Minto (Alderney Street)	Daily	BOM (AUS)	30/03/1984	24/01/1996	**9.35**
67063	Cuthill	Daily	BOM (AUS)	1/01/1965	1/01/1973	**9.89**
68231	Ruse (Denison St)	Daily	BOM (AUS)	29/04/1992		**9.91**

NOTE: * BOM = Bureau of Meteorology, SW = Sydney Water, SCA = Sydney Catchment Authority, WNSW = Water NSW

The information provided in **Table 1** indicates that daily rainfall records in the vicinity of the study area are available dating back to the 1890s. However, sub-daily rainfall records are only available from 1987 onwards. However, this is sufficient to capture the potential calibration floods, as discussed below.

2.3.2 Historic Flood Marks

Camden Council commissioned the survey of peak flood levels after several large floods in the local government area. The available flood mark data are summarised in **Table 2** and the location of each flood mark is shown in **Figure 2**.

Table 2 Available Flood Marks

Flood Date	Number of Flood Marks	
	Overall	Within Catchment
June 2016	47	20
February 2020	53	8
March 2022	30	14
July 2022	17	10

As shown in **Table 2**, flood mark information was provided for four historic floods. It also shows that at least eight flood marks are available each of the floods. The June 2016 flood has the most flood marks available following by March 2022 and July 2022.

As noted by Public Works Advisory (2017), the survey of flood marks was completed using Real Time Kinematic (RTK) GPS point height measurements which, while generally dependable, have limitations in terms of both horizontal and vertical accuracy, and are

dependent on a reliable satellite signal. This can lead to less reliable measurements in areas of high vegetation density.

2.4 Topographic Information

2.4.1 LiDAR

A variety of Light Detection and Ranging (LiDAR) datasets were available for the Narellan Creek catchment. This includes LiDAR from 2011, 2019 as well as a LiDAR dataset that was captured in February 2023 specifically for the current study. Details of each LiDAR dataset are summarised in **Table 3**.

Table 3 Available LiDAR Datasets

Year Collected	Month Collected	Survey Commissioned by:	Average Point Density (points per square metre)	Accuracy (metres)	
				Horizontal	Vertical
2011	February	Spatial Services (NSW Government)	1.05	±0.8	±0.3
2019	June	Spatial Services (NSW Government)	4.00	±0.8	±0.3
2023	February	Camden Council	>10.00	±0.2	±0.1

As shown in **Table 3**, the 2023 LiDAR comprises the highest point density and highest horizontal and vertical accuracies. It also provides the most contemporary description of the topography across the catchment. Therefore, the 2023 dataset was selected to develop a Digital Elevation Model (DEM) of the catchment, which is shown in **Figure 4**.

However, to validate the accuracy of the 2023 LiDAR, the elevations from the DEM shown in **Figure 4** were compared against:

- 132 ground survey points collected across Gundungurra Reserve
- 152 ground survey points collected across Narellan Vale Public School
- 5 ground survey points collected across Magnolia Park Drainage Basins

The average and standard deviation of the elevation differences are summarised in **Table 4**.

Table 4 LiDAR versus ground survey elevation differences.

Ground Survey Dataset	LiDAR Elevation – Ground Survey Elevation (metres)	
	Average Difference	Standard Deviation of Difference
Gundungurra Reserve	-0.04	0.08
Narellan Vale Public School	-0.04	0.09
Magnolia Park	-0.07	<-0.01

Table 4 shows that the average difference between LiDAR elevations and survey elevations was better than the nominated 0.1 metre stated vertical accuracy. This indicates that the

LiDAR provides a good description of ground elevations in areas of open space and lightly vegetated areas.

However, LiDAR datasets can provide a less reliable representation of the terrain in areas of high vegetation density. This is associated with the laser ground strikes often being restricted by the vegetation canopy. Errors can also arise if non-ground elevation points (e.g., vegetation canopy, buildings) are not correctly removed from the raw dataset. Therefore, further interrogation of the LiDAR data was completed in areas of high vegetation density.

Plate 1 provides an example of the LiDAR ground points in the vicinity of Fairwater Drive at Harrington Park. **Plate 1** confirms a high LiDAR point density across grassed and roadway areas. **Plate 1** also shows no ground points across buildings. Therefore, it appears that non-ground points have correctly been removed from the LiDAR dataset and the LiDAR provides a detailed description of the terrain in areas of open space.

Plate 1 shows that the point density significantly reduces in the vicinity of dense vegetation. Therefore, there will be a less detailed representation of the variation in terrain in areas of dense vegetation, including near creeks/watercourses. To better understand the ground point density in areas of high vegetation coverage, the LiDAR ground point densities were extracted from the raw LiDAR information and this information is included on **Plate 2**. A detailed view of the ground point densities near Fairwater Drive is also provided in **Plate 3**.

Plate 2 shows that the point density across the catchment is most commonly above 20 ground points per square metre (in areas of flight line overlaps, the point density can exceed 40 points per square metre). However, **Plate 3** shows that in areas of dense vegetation coverage, the point density is generally no greater than 1 ground point per square metre. Therefore, although a sub-1 metre DEM could be supported across most of the catchment, a 1 metre grid size is considered to be the smallest practical DEM grid size considering the point density limitations across vegetated areas.

Furthermore, some creek lines comprise less than 1 point per square metre. Therefore, the LiDAR DEM is unlikely to provide a reliable description of the conveyance capacity of these waterways and will need to be supplemented with additional survey/data. Fortunately, the available TUFLOW model includes additional terrain information along formal watercourses to assist in overcoming the limited ground point information.

2.5 Geographic Information System (GIS) Data

A number of Geographic Information System (GIS) layers were also provided by Camden Council to assist with the study. This included:

- Aerial photography
- Cadastre
- Roads
- LEP zones
- Stormwater pits & pipes

Plate 1 LiDAR ground points in the vicinity of Fairwater Drive, Harrington Park

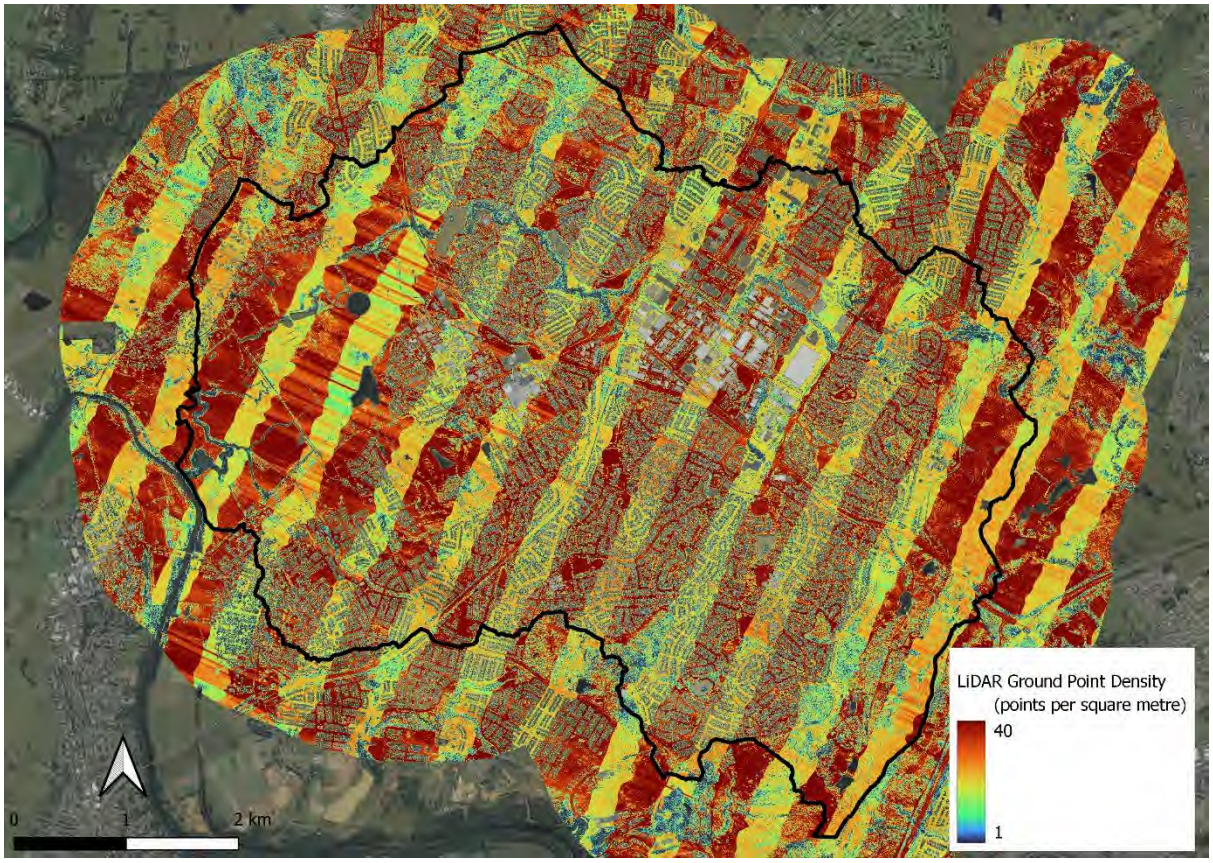

Plate 2 LiDAR ground point density for Narellan Creek catchment

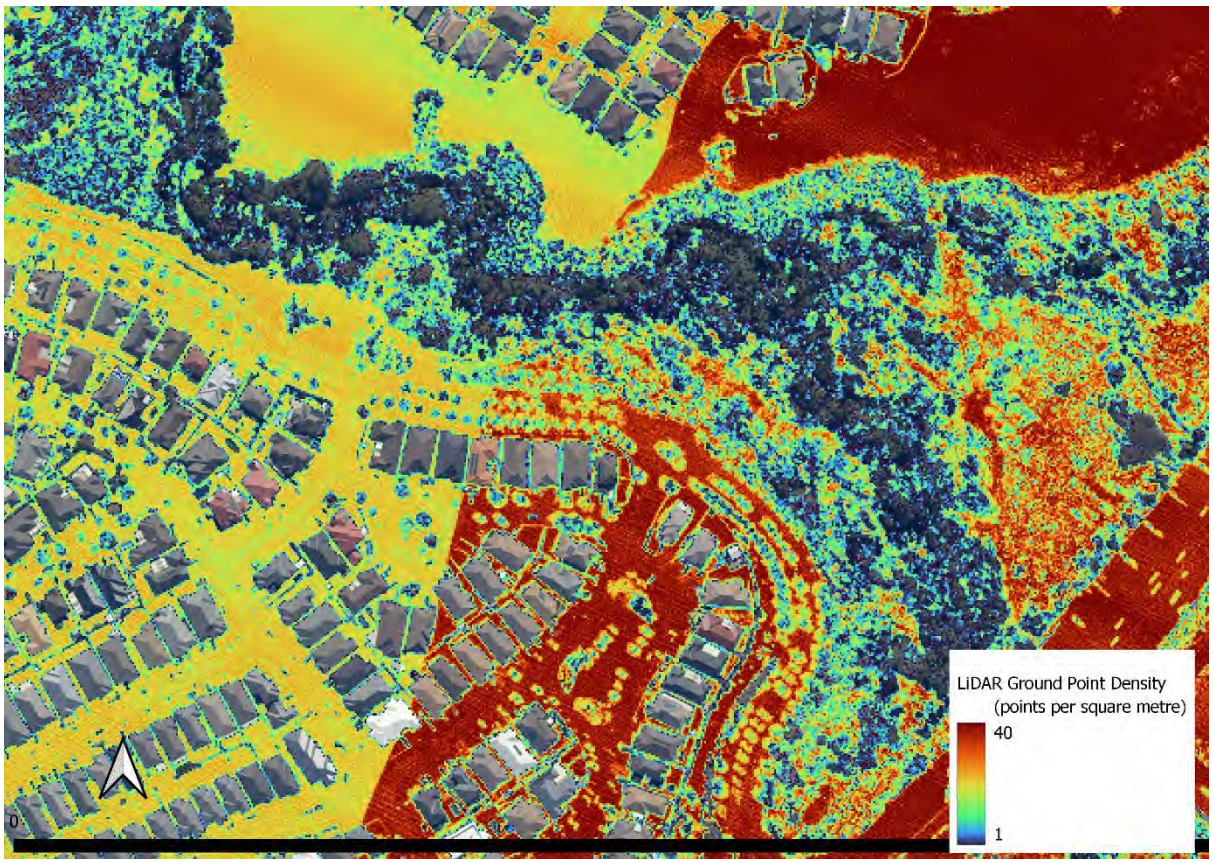

Plate 3 LiDAR ground point density near Fairwater Drive, Harrington Park

Most of the above layers served as a basis for preparing the various figures displaying the study results (most notably the aerial photography and cadastre). In this regard, the layers were fit for purpose.

However, the stormwater information served as a key input in the updated hydraulic model for the study. As a result, these layers were reviewed in detail and the outcome of this review is provided below.

As part of this review, it was noted that the stormwater GIS layers provided by Council did not cover the full extent of the stormwater system. Therefore, it was also necessary to draw upon the stormwater information contained within the TUFLOW hydraulic model discussed in Section 2.2.4. The outcomes of the review of the TUFLOW stormwater layers are also presented below.

2.5.1 Stormwater

Design Plans

Camden Council extracted stormwater pit and pipe details from a range of design plans. The GIS layers focused on new areas that have been developed since the preparation of the '*Update of Narellan Creek Flood Study*' (PWA, 2017). The extent of the stormwater GIS information extracted from the design plans are shown in **Figure 2**.

A review of these GIS layers determined that they contained details of 6,441 pipes and 6,491 pits. Attached to each pit and pipe were a range of attributes, including:

- Pipes:
  - Size
  - Length
  - Upstream invert elevation
  - Downstream invert elevation
- Pits:
  - Pits type (including lintel lengths)
  - Sag versus on grade
  - Invert elevation

Overall, the supplied attributes were sufficient to fully define these sections of the stormwater system in the hydraulic model.

However, some limitations were identified with the stormwater GIS layers, including:

- Pipes:
  - Adverse/reverse pipes slopes: 33 occurrences
  - Pipe invert located below pit invert: 49 occurrences
  - Isolated pipe (i.e., pipe not connected to pits): 56 occurrences
- Pits:
  - Isolated pits: 221 occurrences

- Duplicate pits: 10 occurrences

The following steps were completed to fix the issues identified above:

- Duplicate pits were deleted to ensure there was only one pit at each location
- Isolated pits and pipes were "snapped" to the closest pit or pipe within a 1 metre search distance.
- Where pipe inverts were below the pit invert, the pit invert was adopted (this also rectified a number of the adverse pipes slope issues)
- The remaining adverse pipe slopes were manually adjusted by interpolating between upstream and downstream invert elevations.

TUFLOW

As discussed in Section 2.2.4, the TUFLOW model used as part of the '*Update of Narellan Creek Flood Study*' (PWA, 2017) included a representation of the major stormwater drainage infrastructure contained within the Narellan Creek catchment. A review of the TUFLOW model, including the stormwater system, was completed as part of the current assessment and the outcomes of this review are contained in Appendix A.

The review noted several limitations with the stormwater representation in the TUFLOW model. Fortunately, the stormwater GIS layers discussed in the previous section could be used to update approximately half of the stormwater pits and pipes in the TUFLOW model. However, some limitations remained with the new "combined" stormwater layers. This included:

- Pipes:
  - Adverse/reverse pipes slopes: 534 occurrences
  - Pipe invert located below pit invert: 3 occurrences
  - Isolated pipe (i.e., pipe not connected to pits): 212 occurrences
- Pits:
  - Isolated pits: 362 occurrences
  - Duplicate pits: 4 occurrences

The same workflow discussed in the previous section was used to rectify these issues in the combined stormwater GIS layer. However, this was also supplemented with information contained in additional design and work-as-executed plans (discussed further in Section 2.6).

Plate 4 provides an example of a longitudinal profile for a part section of the original stormwater system. This includes clashing pit/pipe invert and adverse pipe slopes. **Plate 4** also shows the same section of the stormwater system after all the "fixes" have been applied.

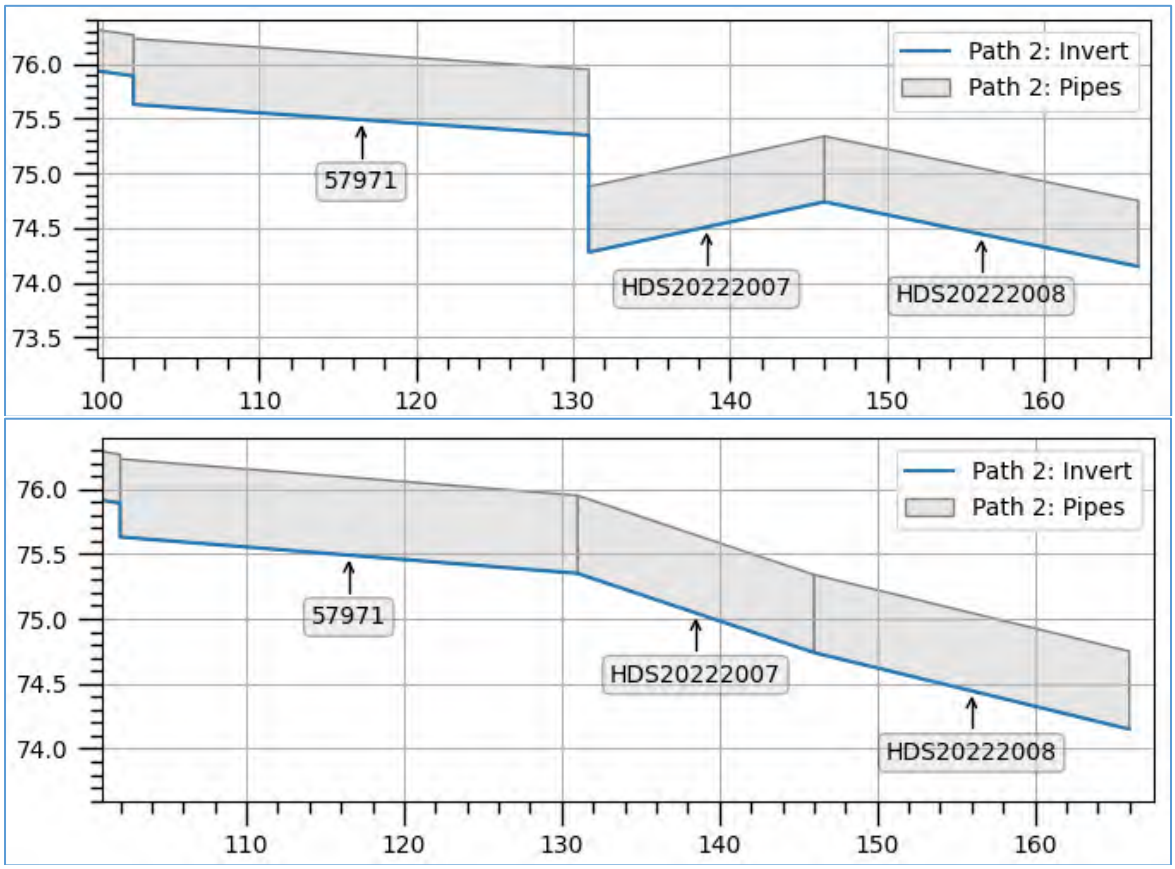

Plate 4 Example of original (top image) and updated (lower image) stormwater profile

2.5.2 Land Use

A copy of the Camden Local Environmental Plan (LEP) Land Use zones are shown in **Plate 5**. It shows that most of the study area comprises low-density residential zoning (R2 zone). Several recreation/open space zones are also scattered across the catchment and are generally aligned with creeks and other water features. A large industrial area also extends across most of Smeaton Grange and smaller business/commercial areas are centred around the Narellan Town Centre and Mount Annan. Much of the downstream sections of the catchment (i.e., between The Northern Road and Nepean River) are zoned as primary production (RU1 zone)

Remote Sensing Data

Land use mapping was prepared as part of the TUFLOW model that was previously developed for the Narellan Creek catchment. Much of this information is considered appropriate for application in defining land use and associated roughness coefficients in the updated hydraulic model for the current study. However, as noted in Appendix A, additional detail is required across the urbanised sections of the catchment to provide an improved description of hydraulic roughness and key overland flow impediments such as buildings.

In this regard, remote sensing analysis was completed using the LiDAR information described in Section 2.4.1. This included delineation of roads, concrete, water as well as low and high revegetation (e.g., shrubs and trees respectively). Building footprints were also provided as part of the LiDAR survey package for inclusion in the updated land use map which is shown in **Figure 5**.

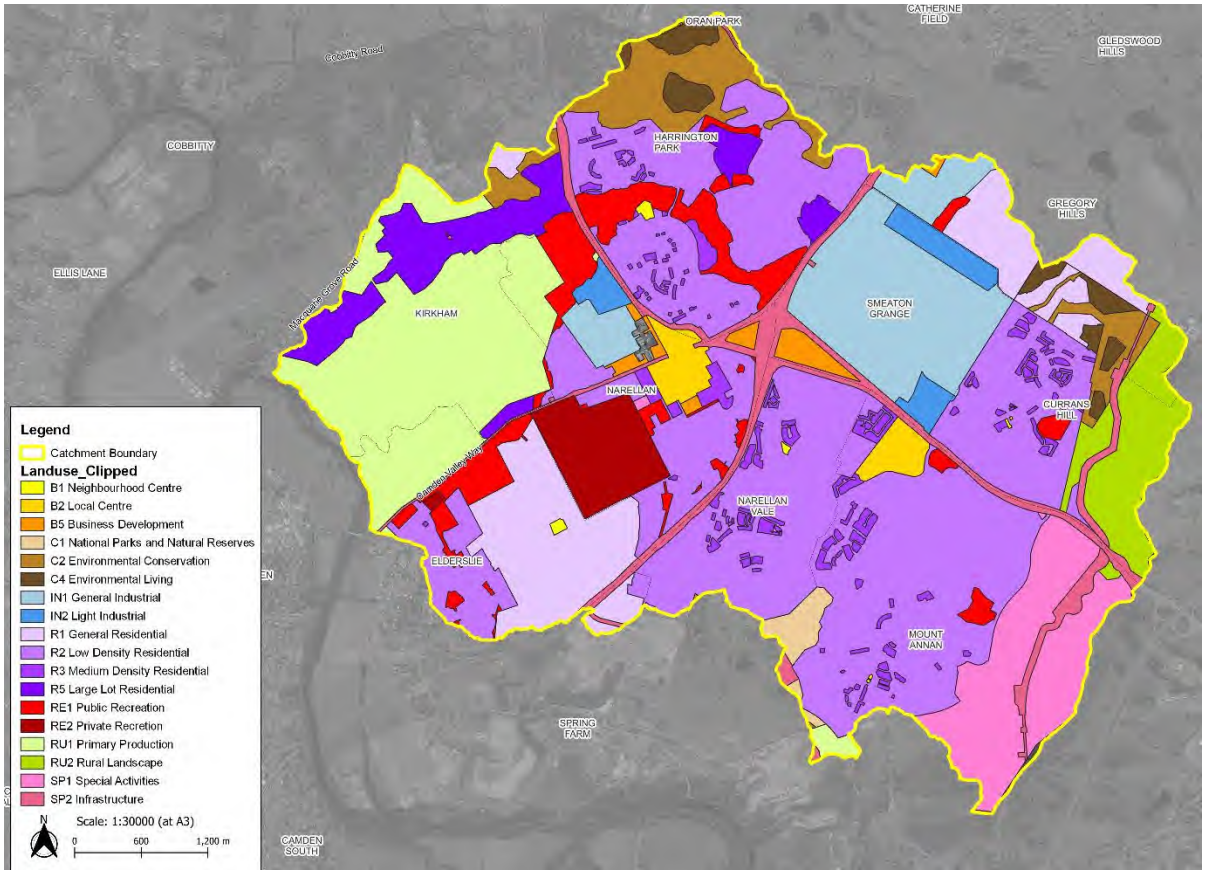

Plate 5 Local Environmental Plan 2010 zones

2.6 Engineering Plans

Camden Council provided design and work-as-executed plans for several locations within the catchment. The plans provided details of stormwater infrastructure, hydraulic structures, and creek cross-sections for localised areas within the catchment. The plans that were utilised included:

- Harrington Grove West – Spine Road (Stage 3)
- Narellan Creek Cross-sections, Harrington Park
- Harrington Grove Precinct M Spine Road Stage 3 WAE Plans
- Narellan Sports Hub Civil Drawings
- Northern Road Upgrade Stage 1 - TNR1 WAE Stormwater Management
- Narellan Road Upgrade Stage B - Drainage SWC WAE.pdf
- 316 Camden Valley Way - Trunk Drainage Plan
- Intersection Old Northern Road & Camden Valley Way - 326 Camden Valley Way Narellan - WAE Plans
- Lot 100 & Lot 101 DP851222, Hartley Road, Smeaton Grange - WAE Engineering Plans
- Harrington Park Stage 6 – Roadworks, Drainage and Sewerage and Water Reticulation

2.7 Community Consultation

A key component of the flood study involved development of computer flood models. The computer models are calibrated/validated to ensure they are providing a reliable representation of flood behaviour. This is completed by using the models to replicate floods that have occurred in the past (i.e., historic floods).

Only limited historic flood information is available for the catchment. However, it was considered that the community may be able to provide additional information on past floods to assist with the computer model validation. In this regard, a community questionnaire was prepared and was distributed to approximately 3,000 properties located within the catchment. A copy of the questionnaire is included in **Appendix B**. An online version of the questionnaire was also hosted in Council's Your Voice.

The questionnaire sought information from the community regarding whether they had experienced flooding, the nature of flood behaviour, if roads and houses were inundated and whether residents could identify any historic flood marks. A total of 45 questionnaire responses were received. A summary of all questionnaire responses is provided in **Appendix B**. The spatial distribution of questionnaire respondents is shown in **Figure B1**, which is also enclosed in **Appendix B**.

The responses to the questionnaire indicate that:

- The majority of respondents have lived in or around the catchment for at least 8 years.
- Around 30% of respondents have experienced some form of inundation or disruption as a result of flooding in the catchment. The spatial distribution of respondents that have reported past flooding problems is shown in **Figure B1** in **Appendix B** (refer red dots). The reported impacts included:
  - Above floor inundation of home/business (3 respondents)
  - Flooding of garage (3 respondents)
  - Traffic disruptions (10 respondents)
  - Inundation of front/back yards (7 respondents)
- Respondents were able to provide descriptions of flood behaviour and/or provide photos for the past floods:
  - July 2022 (9 respondents)
  - March 2022 (8 respondents)
  - March 2021 event (5 respondents)
  - June 2016 (6 respondents)
- Some respondents believe flooding in the catchment is exacerbated by:
  - Insufficient stormwater capacity (17 respondents)
  - Blockage of the culverts, bridges and/or stormwater inlets (15 respondents)
  - Insufficient creek capacity (6 respondents)

Several respondents also provided photographs showing past floods. A selection of these photographs is provided in **Plate 6** to **Plate 8**.

Plate 6 Welling Drive, Mount Annan during 2016 flood

Plate 7 View looking south east from The Outlook, Kirkham during March 2022 flood

Plate 8 Rear of Horseman Place, Currans Hill properties during June 2016 Flood

3 Computer Flood Models

3.1 General

Computer models are the most common method of simulating flood behaviour through a particular area of interest. They can be used to predict flood characteristics such as peak discharges, flood level and flow velocity.

Two computer models were developed to simulate flood behaviour across the Narellan Creek catchment:

- A hydrologic model was developed to simulate the transformation of rainfall into runoff across the catchment. The hydrologic model was developed using the WBNM software;
- A hydraulic model was developed to simulate how the runoff from the hydrologic model would be distributed/move across the catchment. The hydraulic model was developed using the TUFLOW software.

The following sections describe the development process for the hydrologic and hydraulic models.

3.2 WBNM Model Development

3.2.1 Subcatchment Delineation

The Narellan Creek catchment was subdivided into a number of smaller subcatchments to provide a detailed description of the spatial variation in hydrologic characteristics across the catchment. The subcatchments were delineated with the assistance of the CatchmentSIM software (Catchment Simulation Solutions, 2018) using a 2 metre Digital Elevation Model (DEM) that was developed based on the 2023 LiDAR dataset described in Section 2.4.1.

A major goal of the study was to define overland flood behaviour. Therefore, it was necessary for the subcatchment delineation to be sufficiently detailed to ensure all potential overland flow paths were identified. Based on experience in similar overland flood studies in the Sydney metropolitan area, significant overland water depths (i.e., >0.1m) are frequently encountered once the contributing catchment area reaches about 2 hectares. Therefore, the subcatchment delineation targeted incorporating subcatchment outlets once the contributing catchment area reached approximately 1 to 2 hectares to ensure all potential overland flow paths were captured.

A total of 1,538 subcatchments were ultimately delineated across the catchment. The final subcatchment layout is presented in **Figure 6**.

3.2.2 Subcatchment Parameterisation

Key hydrologic properties including area were calculated automatically for each subcatchment using CatchmentSIM. Estimates of impervious areas within each subcatchment were derived from the remote sensing land use information shown in

Figure 5. The adopted impervious proportions that were applied to each land use are summarised in **Table 5**.

Table 5 Adopted Impervious Percentage for Hydrologic Model

Description	Impervious Proportion (%)
Buildings	100
Roads	100
Concrete	100
Dams/waterbodies	100
Grass/shrubs	0
Trees	0
Creek vegetation	0

A lag parameter of 1.6 was adopted for all subcatchments (the recommended lag parameter documented in Boyd et al, 2017).

The adopted subcatchment parameters are provided in **Appendix C**.

Effective Impervious Area

Historically, impervious areas in hydrologic models were represented as the "total impervious area" (TIA). This concept assumes that with the exception of the initial wetting of the catchment, all impervious areas contribute fully to runoff. However, research dating back to the 1970s (e.g., Cherkaver, 1975, Beard and Shin, 1979) highlights the importance of using the "Effective Impervious Area" (EIA) in preference to the TIA to better account for impervious areas that are not directly connected to the drainage system (referred to as indirectly connected impervious areas).

An example of an indirectly connected impervious area is a foot path which is adjoined by a grassed area. In instances such as this, any runoff from the footpath will flow onto the grassed area and this runoff will have an additional opportunity to infiltrate into the underlying soils, thereby reducing the contribution of runoff.

Accordingly, Book 5 of 'Australian Rainfall & Runoff' (Ball et al, 2019) (ARR2019) advocates the use of EIA when modelling urbanised catchments to ensure urban runoff volumes and peak flows are not overestimated. Although ARR2019 presents a range of approaches for estimating the EIA, the most straight forward approach is estimating the EIA as a percentage of the TIA which was established as part of the remote sensing analysis (refer **Figure 5**). Section 3.4.2.2 of Book 5 outlines that EIA will typically be 50% to 90% of the TIA. That is, only 50% to 90% of the total impervious area is directly connected to the drainage system. The remaining 10% to 50% of the impervious area is, therefore, indirectly connected and has additional infiltration opportunity.

For this study, an 85% adjustment factor was found to provide the best calibration outcomes and was adopted for all hydrologic model simulations.

3.2.3 Stream Routing

The sub-catchment area, percentage impervious and lag factor that are input into the WBNM model are used by the model to simulate the transformation of rainfall into runoff for each subcatchment. In addition to local subcatchment runoff, most sub-catchments will also carry flow from upstream catchments along the main watercourses.

WBNM incorporates a non-linear routing calculation to account for routing of flows along watercourses within each subcatchment. A stream lag adjustment factor of 1.00 is recommended for natural channels. However, this factor can be adjusted for individual subcatchments to reflect alternate channel types that might route flows more efficiently (e.g., concrete channels).

Each watercourse within the catchment was reviewed and the most common channel type within each subcatchment was identified, and the lag adjustment factor shown in **Table 6** were assigned to each subcatchment. For urbanised sections of the catchment with no formal watercourse, most of the flow would be carried via stormwater pipes and/or along the gutter. This was considered to be analogous to a concrete lined channel.

Table 6 Adopted stream lag factors

Watercourse Description	Lag Factor
Natural	1.00
Excavated	0.50
Concrete lined	0.33
Urban/gutter	0.33

The stream lag factors that were adopted for each subcatchment are provided in **Appendix C**.

3.2.4 Rainfall Loss Model

During a typical rainfall event, not all the rain falling on a catchment is converted to runoff. Some of the rainfall may be intercepted and stored by vegetation, some may be stored in small depressions, and some may infiltrate into the underlying soils.

To account for rainfall "losses" of this nature, the hydrologic model incorporates a rainfall loss model. For this study, the "Initial-Continuing" loss model was adopted, which is recommended in 'Australian Rainfall & Runoff' (Ball et al, 2019). This loss model assumes that a specified amount of rainfall is lost during the initial saturation/wetting of the catchment (referred to as the 'Initial Loss'). Further losses are applied at a constant rate to simulate infiltration/interception once the catchment is saturated (referred to as the 'Continuing Loss Rate'). The initial and continuing losses are deducted from the total rainfall over the catchment, leaving the residual rainfall to be distributed across the catchment as runoff.

The specific rainfall losses that were employed in the WBNM model were determined as part of the model calibration process. Further details on the model calibration are provided in Chapter 4.

3.2.5 Detention Basins

The catchment includes a number of water bodies, dams and formal detention basins. These features have the potential to attenuate downstream flows from the catchment by temporarily storing runoff.

The representation of detention basins in WBNM requires the storage and basin outlet characteristics of the basin to be defined. The storage characteristics were defined using a water level versus storage volume relationship that was extracted from CatchmentSIM based upon the LiDAR DEM. For detention areas with a permanent water body (e.g., Annan Lake), it was assumed that only storage volume was provided above the permanent water level.

The outflow characteristics were specified by defining the elevation and dimensions of the overflow weir as well as the details of any outlet culverts/pipes (e.g., invert elevation, size and number of conduits).

A total of 33 detention areas were included in the WBNM model. The location of all detention areas that were represented is shown in **Figure 6**.

3.3 TUFLOW Model Development

3.3.1 Model Extent

A 2-dimensional hydraulic computer model of the catchment was developed using the TUFLOW Highly Parallelised Computer (HPC) software (version 2023-03-AA). TUFLOW is a fully dynamic, 1D/2D finite difference model developed by BMT WBM (2023). It was selected for the project as it provides the following advantages:

- The software was developed through collaborative efforts with universities and research organisations to ensure it is scientifically of a high standard and is thoroughly benchmarked (BMT, 2023).
- The software is used extensively across Australia and overseas to simulate mainstream and overland flow behaviour and, therefore, has a strong pedigree of proven performance in similar studies.
- The HPC version of the software takes advantage of the additional processing power of graphics cards to provide expedited simulation times. This allows the model simulations to be completed within short time frames relative to previous versions of the software.
- It is fully dynamic. That is, it simulates the time variation in flood hydraulics along the river and across the floodplain. This is particularly important for evaluation of time-related flood behaviour with implications for emergency management, such as the amount of time before evacuation routes are cut and how long they would remain submerged.
- It allows representation of the stormwater system as well as the movement of overland flow once the capacity of the stormwater system is exceeded.

The extent of the TUFLOW model area is shown in **Figure 7**. As shown in **Figure 7**, the TUFLOW model extends across the full extent of the catchment extending downstream to the Nepean River and covers a total area of 36 km^2.

3.3.2 Grid Size and Topography

The TUFLOW software uses a grid to define the spatial variation in topography and hydraulic properties (e.g., ground elevations and surface roughness) across the model area. As a result, the choice of grid size can have a significant impact on the performance of the model. In general, a smaller grid size will provide a more detailed and reliable representation of flood behaviour relative to a larger grid size. However, a smaller grid size will take longer to perform all the necessary hydraulic calculations. Therefore, it is typically necessary to select a grid size that makes an appropriate compromise between the level of detail provided by the model and the associated computational time required. A grid size of 2 metres was ultimately adopted and was considered to provide a reasonable compromise between detail and simulation time.

In addition, a TUFLOW feature called sub-grid sampling (SGS) was employed as part of the model setup. When SGS is employed, TUFLOW will calculate water level versus storage volume relationships based on a more detailed underlying terrain representation rather than relying on a single elevation at the centre of the grid cell. Similarly, TUFLOW will calculate water level versus discharge relationships across each cell side based on the more detailed terrain rather than relying on the elevation at the midpoint of each cell to control when water moves from one cell to the next. This feature allows storage and conveyance to be represented in more detail than would have otherwise been allowed. The 1 metre DEM derived from the LiDAR described in Section 2.4.1 was used for this purpose.

3.3.3 Roughness Coefficients

The TUFLOW software uses land use information to define the hydraulic (i.e., roughness) properties for each grid cell in the model. The remote sensing information described in Section 2.5.2 was used as the basis for defining the variation in land use across the TUFLOW model (refer **Figure 5**). This land use information was combined with detailed vegetation mapping around the Harrington Park Lakes area. This combined land use information was used as the basis for assigning the variation in hydraulic roughness values across the model area.

The roughness coefficient values listed in **Table 7** were initially estimated based on values in literature and were then refined as part of the model calibration process. Further details of the TUFLOW model calibration are provided in Chapter 4. As shown in **Table 7**, some materials/land uses were assigned depth varying roughness coefficients. For example, trees were assigned a lower roughness coefficient when water depths were contained below the tree canopy, transitioning to a higher roughness coefficient once water comes into contact with the canopy to reflect the additional resistance to flow afforded by branches etc.

3.3.4 Building Representation

The Narellan Creek catchment incorporates significant urban areas. This urbanisation creates many overland flow obstructions. One of the most significant impediments to overland flow in an urban environment is buildings. Available research indicates that buildings have a considerable influence on flow behaviour in an urban environment by significantly deflecting flows irrespective of whether a building is flooded inside or remains watertight (Smith et al, 2012). Accordingly, it was considered necessary to include a representation of the obstruction afforded by buildings in the computer model.

Table 7 TUFLOW Roughness Coefficients

Material Description		Depth$_1$ (m)	Roughness$_1$	Depth$_2$ (m)	Roughness$_2$
Miscellaneous	Default (Unassigned Materials)	All depths	0.035		
	Buildings	0.15	0.03	0.3	1.0
	Energy Dissipation Structures	0.3	0.06	0.31	0.02
	Concrete	All depths	0.015		
	Roads	All depths	0.020		
	Shrubs/Grass	All depths	0.035		
	Trees	0.5	0.035	0.51	0.08
Vegetation	Cumberland Plain Woodland	0.4	0.07	2	0.07
	River-flat Eucalypt Forest	0.4	0.05	2	0.07
	Revegetated Riverflat Eucalypt Forest	0.4	0.05	2	0.06
	Swamp Oak Floodplain Forest	0.4	0.035	2	0.06
	Revegetated Swamp Oak Floodplain Forest	0.4	0.1	2	0.07
	Sedgeland	0.2	0.06	1	0.06
	Revegetated Reedland	0.4	0.05	2	0.025
	Revegetated Mixed Native	0.4	0.09	2	0.08
	Slashed Grassland	0.05	0.075	0.25	0.03
	Parkland with Trees	0.05	0.075	0.25	0.04
	Grazed Paddocks	0.05	0.075	0.25	0.02
	Grazed Paddocks with Scattered Vegetation	0.05	0.075	0.25	0.03
	Open Grass Land with Coarse Grass	0.05	0.075	0.25	0.035
Watercourse	Water body	All depths	0.04		
	Concrete Channels	0.02	0.02	0.1	0.011
	Sandy Channel	0.05	0.035	0.25	0.013
	Gravel channel	0.1	0.08	0.25	0.04
	Vegetated Creek with Light Vegetation	0.3	0.05	1.5	0.035
	Vegetated Creek with Medium Obstruction	0.5	0.10	2.5	0.075
	Vegetated Creek with High Obstruction	0.5	0.10	2.5	0.095
	Reedy Creek	0.5	0.08	1.5	0.05
	Vegetated Overbank Flowpath	0.5	0.15	1.5	0.075
	Rocky Channel	0.5	0.08	1.5	0.04
	Grassed Channel with Short Grass	0.05	0.075	0.25	0.02
	Grassed Channel with Coarse Grass	0.05	0.075	0.25	0.035

The lower part (i.e., the area between the ground surface and the floor level) of each residential building was represented as a complete flow obstruction. This is shown conceptually in **Plate 9**. A 0.15 metre height was selected as being representative for most residential dwellings (reflecting a single step up to the front door). A 0.15 metre height is also consistent with minimum floor level requirements set out in the National Construction Code.

Once the water level exceeds the floor level of each building, it was allowed to "enter" the building. A high Manning's "n" value of 1.0 was adopted to reflect the significant

impediment to flow afforded by the many flow obstructions contained with a typical house (e.g., walls, doors, furniture etc). This is also shown conceptually in **Plate 9**.

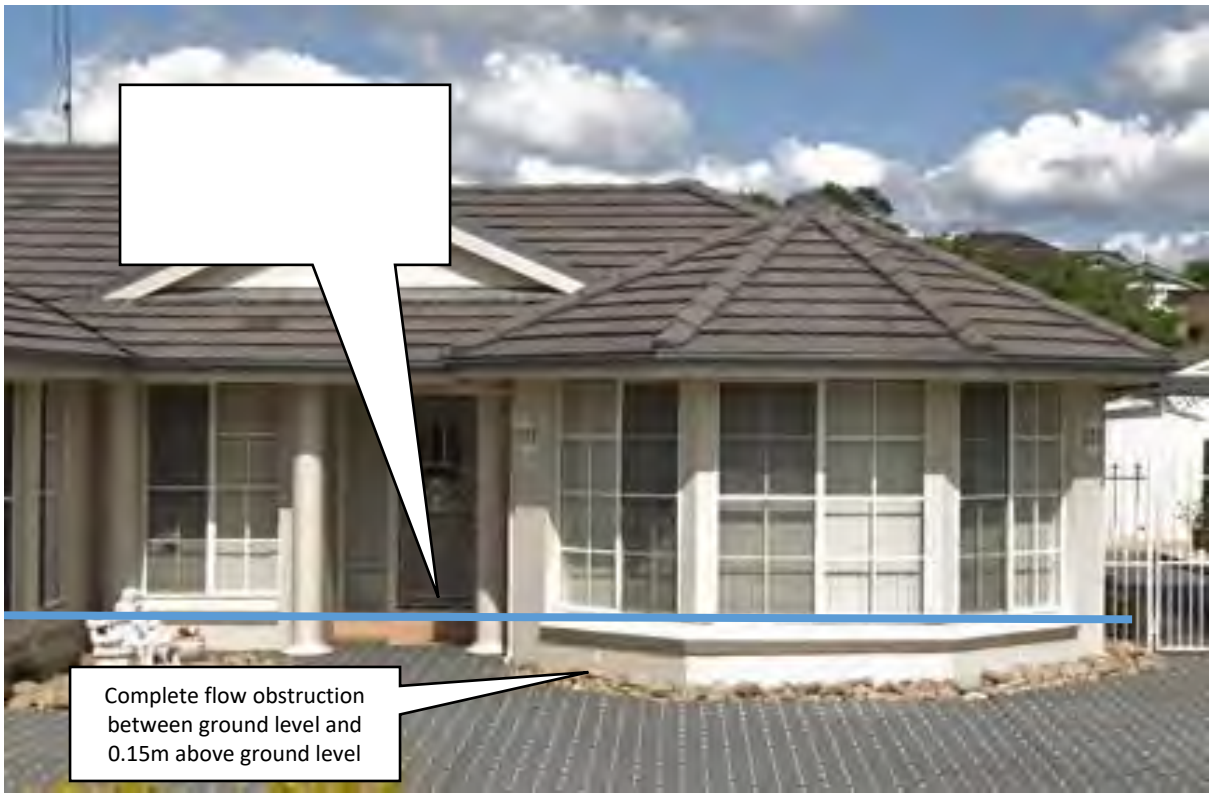

Plate 9 Conceptual representation of buildings in TUFLOW model

3.3.5 Watercourses

During floods, most of the flow is conveyed within each of the major watercourses/creeks. Although the focus of the current study was defining overland flow (i.e., inundation away from creeks), it was still considered important to provide a reliable representation of flooding along these watercourses. Therefore, it is important to ensure that these watercourses are well represented in the TUFLOW model.

Fortunately, the TUFLOW model that was most recently updated as part of the '*Update of Narellan Creek Flood Study*' (Public Works Advisory, 2017) focused on defining flooding along major watercourses. Therefore, the watercourse representation from this previous TUFLOW model could be carried across to the TUFLOW model developed for the current project. This was supplemented with creek information extracted from survey and plans. The extent of the watercourse/gully lines in shown in **Figure 7**.

3.3.6 Culverts and Bridges

Culverts and bridges can have a significant influence on flood behaviour, particularly if they become blocked during a flood. Therefore, all bridges and culverts within the catchment were represented within the TUFLOW model as 1D and 2D hydraulic structures. The location of culverts and bridges that were included within the TUFLOW model is shown in **Figure 7.**

Circular and rectangular culverts were represented as 1D structures with the dimensions and invert elevations of the structures included directly in the TUFLOW model. Bridges and

irregular culverts (e.g., arch culverts) were defined using a flow height versus flow width relationship.

The bridge deck and road surfaces above each hydraulic structure were represented as part of the 2D domain. Therefore, flow through each of the structures below the road level was represented in 1D and flow across the road surface (i.e., once the capacity of the structure is exceeded) was represented in 2D.

Blockage

During a typical flood, sediment, vegetation, and urban debris (e.g., litter, fence palings, bins) from the catchment can become mobilised leading to blockage of downstream culverts and bridges. Consequently, bridges and culverts will typically not operate at full efficiency during most floods. This can increase the severity of flooding across areas located adjacent to these structures.

In recognition of this, blockage factors were calculated for all bridges and culverts. The blockage factors were calculated based on guidelines contained in *'Australian Rainfall and Runoff: A Guide to Flood Estimation'* (Ball et al, 2019). The blockage calculations are summarised in **Appendix D** for each culvert and bridge located within the TUFLOW model area.

3.3.7 Stormwater System

The stormwater system has the potential to convey a significant proportion of runoff across the urbanised sections of the catchment during relatively frequent rainfall events. Therefore, it was important to incorporate the stormwater system in the TUFLOW model to ensure the interaction between piped stormwater and overland flows was reliably represented.

The full stormwater system contained within the catchment was included within the TUFLOW model as a dynamically linked 1D network. This allowed representation of the conveyance of flows by the stormwater system below ground as well as simulation of overland flows in two dimensions once the capacity of the stormwater system is exceeded.

The inlet capacity of each stormwater pit was assigned using a water depth versus inflow relationship. The 'Drains Generic Pit Spreadsheet' (Watercom Pty Ltd, July 2005) was used to develop the inlet capacity curves. The inlet capacity curves were developed to take account of:

- The different pit inlet types (e.g., grated, side entry, combination)
- The different topographic locations (e.g., sag or on-grade), and
- The different grate dimensions and lintel sizes.

Hydraulic "losses" throughout the stormwater system were calculated using the Engelhund loss approach (BMT WBM, 2015). This loss approach automatically accounts for the following loss components at each stormwater pit for each model time step:

- Pit entrance loss;
- Loss associated with a drop in elevation between inlet and outlet pipes;
- Loss associated with a change in flow direction between the inlet and output pipes; and,

- Pit exit loss.

The extent of the stormwater system included within the TUFLOW model is shown in **Figure 7**.

Blockage

Like bridges and culverts, stormwater inlets can become partially blocked during significant rainfall events because of urban debris being mobilised by runoff. To account for the reduced inlet capacity that is afforded by blockage, blockage factors were applied to all stormwater pits in the TUFLOW model. This included a 20% blockage factor for "on grade" pits and a 50% blockage factor for "sag" pits based on recommendations in 'Australian Rainfall & Runoff: Project 11 – Blockage of Hydraulic Structures' (Engineers Australia, 2013)

4 Computer Model Calibration

4.1 Overview

Computer flood models are approximations of a very complex process and are generally developed using parameters that are subject to natural variability. This includes catchment roughness as well as blockage of hydraulic structures. Accordingly, the model should be calibrated using rainfall, flow, and flood mark information from historic floods to ensure the adopted model parameters are producing reliable estimates of flood behaviour.

Calibration is typically completed by routing recorded rainfall from historic floods through the hydrologic model and comparing simulated flows against recorded flows at stream gauge locations. Unfortunately, there are no stream gauges located within the catchment. Therefore, it was not possible to complete a full calibration of the hydrologic model developed for this study.

However, surveyed flood mark information along with descriptions of flood behaviour were provided by the community as part of the community consultation for several historic floods. Moreover, there are several rainfall gauges located within and near to the catchment. Therefore, it was possible to jointly calibrate the computer models by routing recorded rainfall from the rain gauges through the hydrologic model. The flows from the hydrologic model can then be applied to the hydraulic model and simulated floodwater levels and depths can be validated against surveyed flood levels as well as floodwater depths and flood photographs provided by the community.

As documented in Chapter 2, the following events provided the most abundant surveyed flood level and community information and were selected for model calibration:

- June 2016
- March 2022
- July 2022.

Further information on the outcomes of the model calibration is provided in the following sections.

4.2 June 2016 Flood

4.2.1 WBNM Modelling

Rainfall

The June 2016 flood occurred as a result of rain falling between the 4th and 7th of June. The rainfall was generated by an East Coast Low that produced significant rainfall along the coast of NSW. As shown in **Plate 10**, parts of the NSW coast experienced more than 400 mm of rainfall. However, as shown in **Table 8**, the Narellan Creek catchment experienced rainfall totals of between 280 and 310 mm.

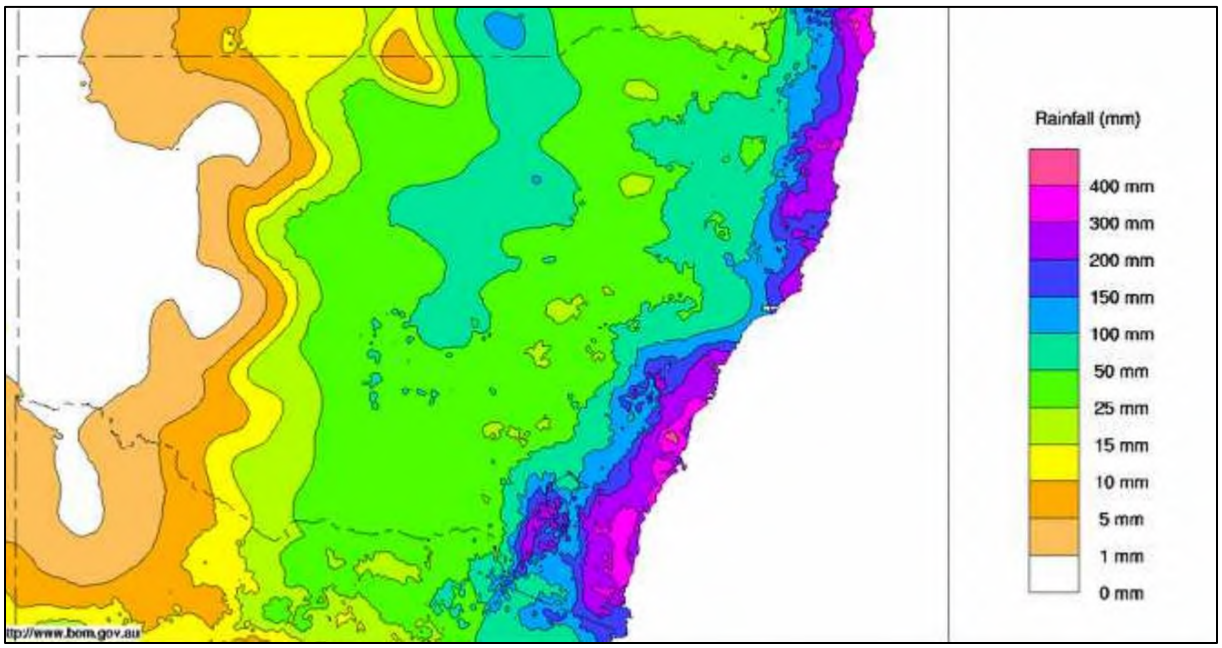

Plate 10 Four-day rainfall totals for NSW for June 2016 event (Bureau of Meteorology, 2016)

Table 8 Historic Rainfall Statistics

Event	Dates		Catchment Rainfall (mm)		
	Start	End	Minimum	Average	Maximum
June 2016	3rd Jun	7th Jun	280	293	310
March 2022	1st Mar	8th Mar	410	422	430
July 2022	1st Jul	6th Jul	195	215	230

Accumulated rainfall totals for each rainfall gauge that was operational during the 2016 event were used to develop a rainfall isohyet (i.e., rainfall depth contour) map for the event, which is shown in **Figure 8**.

The isohyet map and information included in **Table 8** indicates that there was some spatial variation in rainfall across the catchment during the 2016 event, with rainfall totals across the eastern (i.e., upstream) sections of the catchment being larger than across the western catchment areas. In recognition of the variation in rainfall across the catchment during this event, all rainfall gauges that were active during the event were incorporated into the WBNM model (this included daily and sub daily gauges). The total rainfall depths that were applied to each subcatchment as part of the simulation is summarised in **Appendix F**.

The temporal (i.e., time-varying) distribution of rainfall was determined based on the closest continuous rainfall gauge that provided reliable recorded rainfall information for the event. This was determined to be the Camden Golf Course gauge (Gauge #568156) which is contained within the catchment.

The continuous rainfall information was also analysed relative to design rainfall-intensity-duration information for the catchment. This information is presented as **Figure E1** in

Appendix E and indicates that the 2016 event produced rainfall that was around the same severity as a 1% AEP design rainfall event for some periods. However, for the critical storm duration for the catchment (i.e., 1 to 9 hours), it was closer to a 5% AEP design rainfall.

Rainfall Losses

As discussed in Section 4.2.3, the initial-continuing loss model was employed to represent rainfall losses across the catchment. The following rainfall losses were adopted for pervious sections of the catchment for the June 2016 simulation:

- Initial loss = 10mm (based on adopted initial rainfall loss adopted in '*Update of Narellan Creek Flood Study*' for June 2016 simulation)
- Continuing loss rate = 1.48 mm/hour (based on continuing loss rate downloaded from ARR2019 Data Hub with NSW jurisdictional advice adjustment applied i.e., 0.4 multiplier).

For effective impervious surfaces, an initial loss of 1mm was adopted along with a continuing loss rate of 0 mm/hour (i.e., impervious surfaces fully contributed to runoff once rainfall depths exceeded the initial loss vale).

Results

The WBNM model was used to simulate rainfall-runoff behaviour for the June 2016 flood based upon the rainfall and rainfall loss information presented in the preceding sections. This enabled discharge hydrographs to be generated for each subcatchment. A summary of peak discharges for each WBNM model subcatchment for the 2016 event are included in **Appendix F**.

The hydrographs generated by the WBNM model were subsequently routed through the TUFLOW model. Further discussion on the TUFLOW model simulation results, are provided below.

4.2.2 TUFLOW Modelling

Change to Reflect Historic Conditions

As noted earlier in this report, some sections of the Narellan Creek catchment have undergone significant development over the past decade. As a result, the TUFLOW model, which was developed to represent contemporary catchment conditions, was not necessarily reflective of catchment conditions at the time of the 2016 flood. Therefore, the following updates were completed to the TUFLOW model to provide an improved description of conditions at the time of the flood:

- Terrain representation was modified based upon 2019 LiDAR
- Material/roughness was reverted back to grass/trees across new development areas
- Stormwater pits and pipes were removed from new subdivisions

Boundary Conditions

Discharge hydrographs generated by the WBNM hydrologic model were used to define inflows to the TUFLOW model.

Hydraulic computer models also require the adoption of a suitable downstream boundary condition to reliably define flood behaviour throughout the area of interest. The

downstream boundary condition is typically defined as a known water surface elevation (i.e., stage). The downstream boundary of the TUFLOW model is located at the Nepean River. Accordingly, the water level in this area will be governed by the prevailing water level in the river at the time of the flood.

Although there is a water level gauge located at Camden Weir (near the Narellan Creek/Nepean River confluence), no water level information was available for this gauge for the June 2016 flood. However, a surveyed flood mark of 65.31 mAHD was collected approximately 700m upstream of the Narellan Creek/Nepean River junction following the 2016 flood. Therefore, the downstream boundary was defined as a static water level of 65.30 mAHD within the Nepean River.

Blockage

As noted in Chapter 3, there is potential for drainage infrastructure (e.g., culvert, bridges, stormwater pits) to become partly blocked by debris during a flood. Consequently, these drainage structures will typically not operate at full efficiency during floods.

Blockage factors were calculated for all bridges and culverts based upon *'Australian Rainfall and Runoff: A Guide to Flood Estimation'* (Ball et al, 2019). The blockage calculations are summarised in **Appendix D**.

As shown in **Appendix D**, the blockage factors are assigned based on the severity of the flood with larger floods being assigned a higher blockage factor due to the potential for larger floods to increase the mobilisation of debris. As the June 2016 rainfall was generally between a 5% AEP and 0.5% AEP event, the design blockage factors were assigned based on this frequency (i.e., second last column in **Appendix D**).

For stormwater pits, a 20% blockage factor was applied to "on grade" pits and a 50% blockage factor was applied to "sag" pits.

Results

Calibration of the TUFLOW computer model was attempted based upon 20 surveyed flood marks and 5 anecdotal reports of flood behaviour provided by the community.

Peak floodwater depths were extracted from the results of the June 2016 flood simulation and are included on **Figure 9**. A comparison between the peak flood levels generated by the TUFLOW model and the surveyed flood marks for the 2016 flood is also provided in **Figure 9** as well as **Table 9**. Comparisons between the simulated results and the anecdotal reports of flooding are provided in **Appendix G** as **Table G1**.

The flood mark comparison shows that the TUFLOW model produces peak flood level that are most commonly within 0.2 metres of the surveyed flood mark, with the average absolute difference being 0.15 metres. Bigger discrepancies occur at some locations, however, as noted in the Comments column in **Table 9,** these appear to be less reliable flood marks (i.e., not consistent with nearby marks) and/or are locations where blockage of culverts/bridges have impacted on the surveyed flood level (i.e., the actual blockage during the flood may have been different to the blockage calculations adopted for the simulation).

Table 9 Comparison between simulated and surveyed flood levels the June 2016 flood

ID	Reported Flood Level (mAHD)	Simulated Flood Level (mAHD)	Difference (m)	Comment
64	65.32	65.30	-0.02	
21	71.81	71.87	0.06	
20	71.95	71.87	-0.08	
27	72.62	72.55	-0.07	
24	73.30	73.53	0.23	Surveyed flood mark is ~0.2m lower than nearby marks, which the model reproduced well. Flood mark may be less reliable at this location.
26	73.49	73.58	0.09	
23	73.55	73.55	0.00	
25	73.56	73.54	-0.02	
22	73.76	73.63	-0.13	
63	76.45	76.43	-0.02	
40	85.16	85.08	-0.08	
39	85.22	85.08	-0.14	
48	85.27	85.34	0.07	
41	86.66	86.65	-0.01	
62	88.27	87.84	-0.43	Located upstream of Smeaton Grange Road culvert. Actual culvert blockage during flood may have been greater than the 10% blockage adopted as part of the simulation.
43	95.09	95.24	0.15	
42	95.13	95.28	0.15	
44	98.60	98.73	0.13	
47	99.07	99.16	0.09	
46	102.67	102.75	0.08	
45	102.80	102.75	-0.05	

The comparison in **Table G1** also indicate a good correlation between simulated model results and anecdotal reports of flooding and flood photographs. This includes reproducing reported flood depths to within 0.1 metres at most locations.

4.3 March 2022 Flood

4.3.1 WBNM Modelling

Rainfall

The March 2022 flood occurred as a result of rain falling over a 1 week period commencing on 1st March. As shown in **Figure 11** and **Table 8**, total rainfall depths across the catchment during this event varied between 410 and 430 mm.

Accumulated rainfall totals for each active rain gauge over this 1-week period were used to prepare the isohyet map shown in **Figure 11**.

All rainfall gauges that were active during the event were incorporated into the WBNM model to represent the spatial variation in rainfall event, while the temporal distribution of rainfall was defined based upon the Camden Golf Course gauge (Gauge #568156). The total rainfall depth that was applied to each subcatchment as part of the simulations is provided in **Appendix F**.

The continuous rainfall information was also analysed relative to design rainfall-intensity-duration information. This information is presented in **Figure E1** in **Appendix E** and indicates that the March 2022 event produced rainfall that was between a 20% AEP and 5% AEP design rainfall event.

Rainfall Losses

An initial loss of 10 mm and a continuing loss rate of 1.48 mm/hour was adopted for pervious surfaces as per the June 2016 simulation. An initial loss of 1 mm was adopted for effective impervious surfaces with a continuing loss rate of 0 mm/hour.

Results

The WBNM model was used to simulate rainfall-runoff behaviour for the March 2022 flood based upon the rainfall and rainfall loss information presented in the preceding sections. Peak discharges for each WBNM model subcatchment for the March 2022 flood are included in **Appendix F.**

The hydrographs generated by the WBNM model were subsequently routed through the TUFLOW model. Further discussion on the TUFLOW model simulation, are provided below.

4.3.2 TUFLOW Modelling

Boundary Conditions

Discharge hydrographs generated by the WBNM hydrologic model were used to define inflows to the TUFLOW model.

The downstream boundary condition for the TUFLOW model was defined based on recorded water levels at the Camden Weir stream gauge for the March 2022 event. This was incorporated into the TUFLOW model as a time varying water level for the Nepean River.

Blockage

As the March 2022 rainfall was generally less than a 5% AEP event, the design blockage factors were assigned based on this frequency (i.e., third last column in **Appendix D**).

For stormwater pits, a 20% blockage factor was applied to "on grade" pits and a 50% blockage factor was applied to "sag" pits.

Results

Calibration of the TUFLOW computer model was attempted based upon 14 surveyed flood marks and 5 anecdotal reports of flood behaviour provided by the community.

Peak floodwater depths were extracted from the results of the March 2022 flood simulation and are included on **Figure 11**. A comparison between the peak flood levels generated by the TUFLOW model and the surveyed flood marks for the March 2022 flood is also provided in **Figure 11** as well as **Table 10**. Comparisons between the simulated results and the anecdotal reports of flooding are provided in **Appendix G** as **Table G2**.

Table 10 Comparison between simulated and surveyed flood levels the March 2022 flood

ID	Reported Flood Level (mAHD)	Simulated Flood Level (mAHD)	Difference (m)	Comment
202227	67.37	67.350	-0.05	
202226	71.2	71.92	0.72	Flood mark elevation is more than 0.5 metres lower than upstream and downstream flood marks. Flood mark likely less reliable at this location.
202215	71.71	72.22	0.51	Flood mark located at lower elevation than downstream flood marks. In addition, flood mark location is on terrain that is elevated well above 71.71 mAHD. Potential limitation with survey instruments.
202217	71.8	71.82	0.02	
202214	71.89	71.86	-0.03	
202213	72.9	72.74	-0.16	
202218	73.29	73.31	0.02	
202219	73.6	73.93	0.33	Flood mark lower than both upstream and downstream flood marks. Therefore, flood mark maybe less reliable at this location.
202223	73.63	73.31	-0.32	
202221	73.81	73.89	0.08	
202220	74.13	73.96	-0.17	
202222	74.26	74.13	-0.13	

The comparison in **Table 10** show that most simulated flood levels agree to the surveyed flood mark elevations to within 0.2 metres. The average difference between simulated and surveyed levels is better than 0.1 metres.

As with the 2016 comparisons, more significant differences are predicted at some locations. These more significant differences coincide with flood marks elevations that are typically inconsistent with nearby flood marks and may indicate less reliable survey information. This appears to be most common in heavily vegetated locations where the GPS survey accuracy can be limited by a lack of satellite coverage (this was also noted in the '*Update of Narellan Creek Flood Study*').

The comparison in **Table G2** also indicates that anecdotal reports of inundation extents and depths are being well reproduced by the model.

4.4 July 2022 Flood

4.4.1 WBNM Modelling

Rainfall

The July 2022 flood occurred as a result of rain falling over a 5-day period (i.e., from 1st July to 6th July). As shown in **Figure 12** and **Table 8**, total rainfall depths across the catchment during this event varied between 195 and 230 mm.

All rainfall gauges that were active during the event were incorporated into the WBNM model to represent the spatial variation in rainfall event, while the temporal distribution of rainfall was defined based upon the Camden Golf Course gauge (Gauge #568156). The total rainfall depth that was applied to each subcatchment as part of the simulations is provided in **Appendix F**.

The continuous rainfall information was also analysed relative to design rainfall-intensity-duration information. This information is presented in as **Figure E1** in **Appendix E** and indicates that the July 2022 event produced rainfall that was typically less than a 20% AEP event. Accordingly, the July 2022 event appears to be the smallest of the three calibration events.

Rainfall Losses

The rainfall losses adopted for the June 2016 and March 2022 simulations were also retained as part of the July 2022 simulation.

Results

The WBNM model was used to simulate rainfall-runoff behaviour for the July 2022 flood. Peak discharges for each WBNM model subcatchment for the July 2022 flood simulation are included in **Appendix F**.

A comparison of the peak discharges listed in **Appendix F** confirms that the July 2022 produced the lowest peak discharges of the three calibration events while the June 2016 event produced the highest.

4.4.2 TUFLOW Modelling

Boundary Conditions

Discharge hydrographs generated by the WBNM hydrologic model were used to define inflows to the TUFLOW model.

The downstream boundary condition for the TUFLOW model was defined based on recorded water levels at the Camden Weir stream gauge for the July 2022 event. This was incorporated into the TUFLOW model as a time varying water level for the Nepean River.

Blockage

As the June 2022 rainfall was generally less than a 5% AEP event, the design blockage factors were assigned based on this frequency (i.e., third last column in **Appendix D**).

For stormwater pits, a 20% blockage factor was applied to "on grade" pits and a 50% blockage factor was applied to "sag" pits.

Results

Calibration of the TUFLOW computer model was attempted based upon 10 surveyed flood marks and 4 anecdotal reports of flood behaviour provided by the community.

Peak floodwater depths were extracted from the results of the July 2022 flood simulation and are included on **Figure 13**. A comparison between the peak flood levels generated by the TUFLOW model and the surveyed flood marks for the July 2022 flood is also provided in **Figure 13** as well as **Table 11**. Comparisons between the simulated results and the anecdotal reports of flooding are provided in **Appendix G** as **Table G3**.

Table 11 Comparison between simulated and surveyed flood levels the March 2022 flood

ID	Reported Flood Level (mAHD)	Simulated Flood Level (mAHD)	Difference (m)
202260	67.96	68.02	0.06
202268	70.91	71.05	0.14
202269	70.99	71.02	0.03
202267	71.11	71.08	-0.03
202266	71.48	71.54	0.06
202265	71.66	71.77	0.11
202262	72.69	72.75	0.06
202261	72.97	72.79	-0.18
202263	73.10	73.27	0.17
202264	73.26	73.26	0.00

Table 11 shows that all simulated flood levels agree to within 0.2 metres of the surveyed flood level with most simulated levels agreeing to better than 0.1 metres (the average

difference was 0.04 metres). Therefore, the model provides a good reproduction of the surveyed flood marks at all locations.

The comparison in **Table G3** also shows a good correlation between simulated model results and reports of flooding at each of the four anecdotal flood report locations.

5 DESIGN FLOOD ESTIMATION

5.1 General

Design floods are hypothetical floods that are commonly used for floodplain management investigations. Design floods are based on statistical analysis of rainfall and flood records and are typically defined by their probability of exceedance. This is often expressed as an Annual Exceedance Probability (AEP).

The AEP of a flood flow or level or depth at a particular location is the probability that the flood flow or level or depth will be equalled or exceeded in any one year. For example, a 1% AEP flood is the best estimate of a flood that has a 1% chance of being equalled or exceeded in any one year.

Design floods are typically estimated by applying design rainfall to the hydrologic model to calculate the design rainfall excess. The hydraulic model is then used to route the flow hydrographs produced by the hydrologic model across the catchment and calculate key flood variables such as design flood levels, depths, and velocities.

The procedures employed in deriving the design flood estimates for the Narellan Creek catchment are outlined in the following sections.

5.2 Hydrology

5.2.1 Rainfall

Point design rainfall depths were downloaded from the Bureau of Meteorology's IFD webpage. The rainfall was downloaded at the centroid of the catchment (-34.0445°S, 150.7456 °E). A copy of the point design rainfall depths is enclosed in **Appendix H**. Also included in **Appendix H** is the corresponding ARR1987 rainfall. This shows that the ARR2019 rainfall is most commonly lower than the ARR1987 rainfall.

As part of the flood study, it was also necessary to define flood characteristics for the Probable Maximum Flood (PMF). The PMF is the largest flood that could conceivably occur across a particular catchment.

The PMF is estimated by routing the Probable Maximum Precipitation (PMP) through the WBNM model. The PMP is defined as the greatest depth of rainfall that is meteorologically possible at a specific location.

PMP depths were derived for a range of storm durations up to and including the 6-hour event based on procedures set out in the Bureau of Meteorology's *'Generalised Short Duration Method'* (GSDM) (Bureau of Meteorology, 2003). The GSDM PMP calculations are included in **Appendix H**.

5.2.2 Areal Reduction Factors

The design rainfall intensities presented in the preceding section are only applicable for catchment areas of up to 1 km^2. Therefore, ARR2019 includes areal reduction factors that recognise that there is unlikely to be a uniformly high rainfall intensity across all sections of large catchments.

The primary input variable to calculate the areal reduction factors is the contributing catchment area. One of the main difficulties in applying the areal reduction factors for a flood study such as this is the fact that the contributing catchment area varies considerably across the study area. For example, the contributing catchment areas vary from less than 1 km^2 at the upstream end of each major subcatchment (and smaller tributaries) to more than 30 km^2 at the downstream end of the catchment.

However, as discussed, the primary focus of the current study is to define overland flood behaviour across the urbanised sections of the catchment, rather than the main creeks/waterways that have been the subject of previous flood studies (refer Section 2.2).

As discussed in Section 3.2.1, overland flow paths can start to form across urban catchments when the contributing catchment comprises as little as 1 hectare (i.e., 0.01 km^2). Therefore, the contributing catchments areas across urban overland flow areas are most commonly less than 1 km^2. Based on this, no areal reduction factors were applied to the point rainfall intensities to ensure the flood risk was not understated across the overland flow areas.

A review of the areal reduction factors was completed to understand application of no reduction factor may over-state design flow estimates in mainstream areas. As noted above, the catchment area draining to the catchment outlet is more than 30 km^2. However, this area is dominated by the Nepean River backwater. Outside of the Nepean River backwater area, the contributing catchment areas are typically less than 15 km^2 and most commonly less than 5 km^2. The typical areal reduction factor for a 15 km^2 is around 5% to 15% for storm durations up to 6 hours, while a 5 km^2 catchment would have an areal reduction factor of between 2% and 10% applied. Therefore, adoption of no areal reduction factor may over-state the design rainfall for areas with a contributing catchment area larger than 1 km^2, but the differences would be typically less than 10%. This difference is considered reasonable, noting that the ARR2019 rainfall estimates area lower than ARR1987.

5.2.3 Rainfall Losses

As discussed, the WBNM model was developed to include the “initial-continuing loss” model to account for rainfall that is intercepted/infiltrated and does not contribute to runoff.

ARR2019 recommends a hierarchical approach for determining the most appropriate initial (i.e., burst) loss and continuing loss values to apply as part of design flood simulations. In instances where insufficient information is available to calibrate rainfall losses (such as this study), the ARR2019 jurisdictional advice for NSW recommends adoption of rainfall loss information from the ARR2019 data hub. Further information on the adopted burst losses and continuing loss rates adopted for the study are provided below.

Burst Losses

Probability neutral "burst" losses were downloaded from the ARR2019 data hub. For the Narellan Creek catchment, this resulted in burst losses that vary between 6.3 mm and 41.7 mm. However, it is noted that the burst losses provided on the Data Hub are intended for application to rural/undeveloped catchments. Therefore, Section 3.5.3.2.1 of Book 5 of ARR2019 suggests that for catchments with an urban component, the burst loss should be 60 to 80% of the rural burst loss to account for the reduced infiltration potential across catchments with an urban proportion. A 70% adjustment factor was adopted for this study.

The adopted burst losses are summarised in **Table 12**. **Table 12** shows that the burst losses vary between 4.4mm and 29.2mm. By way of comparison, the *Narellan Creek Flood Study* (Worley Parsons, 2015), which employed the 1987 version of Australian Rainfall and Runoff adopted an initial loss of 15mm which is roughly the median ARR 2019 burst loss.

Table 12 Adopted Burst Rainfall Losses for Pervious Surfaces

Duration	Burst Loss (mm)					
	50% AEP	20% AEP	10% AEP	5% AEP	2% AEP	≥1% AEP
<1 hour	16.4	12.5	10.4	10.0	9.7	8.5
1 hour	16.4	12.5	10.4	10.0	9.7	8.5
1.50 hour	18.4	11.4	10.0	9.9	9.2	8.5
2 hours	20.0	9.9	9.4	9.0	8.2	7.8
3 hours	21.3	11.6	9.8	9.2	8.7	6.8
6 hours	21.4	13.5	11.0	10.1	7.9	4.4
12 hours	21.1	14.1	12.2	11.0	10.1	5.8
18 hours	21.1	16.1	15.4	14.3	12.4	7.1
24 hours	24.4	19.2	18.1	17.7	15.7	9.8
36 hours	24.9	20.2	20.0	20.8	18.3	9.7
48 hours	28.2	23.3	22.9	24.2	20.6	10.9
72 hours	29.2	26.0	25.7	29.5	24.6	17.4

For impervious areas, Section 3.5.3.1.2 of Book 5 of ARR2019 recommends a storm initial loss of 1 mm. However, the storm loss of 1 mm needs to be adjusted to account for pre-burst rainfall. This yielded an impervious burst loss of 0 mm for all storm durations.

A burst/initial loss of 0 mm was adopted for all surfaces/catchment areas for the PMP simulations in line with recommendations in Chapter 4 of Book 8 of ARR2019.

Continuing Loss Rates

The ARR2019 jurisdictional advice for NSW recommends that the continuing loss rate documented on the Data Hub be reduced by 60% before application to pervious surfaces. The "raw" loss rate documented on the data hub is 3.7 mm/hr. Therefore, the adjusted loss rate is 1.48 mm/hr and was adopted for application to pervious surfaces. The *Narellan Creek*

Flood Study (Worley Parsons, 2015) adopted a continuing loss rate of 2.5 mm/hr in line with ARR1987 recommendations.

For impervious areas, Section 3.5.3.1.2 of Book 5 of ARR2019 recommends a continuing loss rate of 0 mm/hr. Therefore, the continuing loss rate of 0 mm/hr was adopted directly in the WBNM model. The *'Narellan Creek Flood Study'* (Worley Parsons, 2015) adopted a continuing loss rate of 1 mm/hr.

5.2.4 Temporal Patterns

ARR2019 employs 10 different temporal patterns for each AEP/storm duration to define the time variation in rainfall during each storm. The use of a variety of different temporal patterns is intended to reflect the natural variability of a typical rainfall event (i.e., no two storms will be the same).

The temporal patterns for the study area were downloaded from the ARR data hub and were used to simulate the temporal distribution of rainfall for each design storm. In accordance with ARR2019 for catchments with an area less than 75 km^2, the "point" temporal patterns rather than "areal" temporal patterns were selected to describe the temporal variation in rainfall.

ARR2019 groups the temporal patterns into "frequent", "intermediate" and "rare" bins, which were applied to each design storm as follows:

- Frequent temporal patterns: 50% AEP and 20% AEP
- Intermediate temporal patterns: 10% AEP and 5% AEP
- Rare temporal patterns: 2% AEP, 1% AEP, 0.5% AEP and 0.2% AEP

For the PMP, a single temporal pattern was adopted for each PMP storm simulation in line with the approach recommended in the *'Generalised Short Duration Method'* (GSDM) (Bureau of Meteorology, 2003).

5.2.5 Results

The WBNM model was used to simulate rainfall runoff processes for the complete suite of design storms. The design 50%, 20% AEP, 10% AEP, 5% AEP, 2% AEP, 1% AEP, 0.5% AEP and 0.2% AEP storms were simulated in addition to the PMP.

As discussed, a suite of ten temporal patterns were used to represent the temporal variation in rainfall for each design flood frequency up to and including the 0.2% AEP event. The peak discharges from the full suite of temporal patterns for each design event were reviewed to determine the critical storm duration for each subcatchment. The critical storm duration was defined by calculating the average discharge for each storm duration for each subcatchment (based on all 10 temporal patterns). The storm duration that generated the highest average discharge was selected as the critical duration for that subcatchment. The resulting critical storm durations for each subcatchment are presented in **Appendix I**. The results of the hydrologic analysis indicate that the critical duration across the study area generally varies between 10 minutes and 12 hours with the 20 minute storm being most commonly critical. That is, relatively short, high intensity rainfall bursts will generally produce the worst case flooding across the catchment.

Once the critical duration was determined for each AEP, a representative temporal pattern was selected for that duration. The temporal pattern that generated the peak discharge immediately above the median discharge was selected as the most representative temporal pattern for each subcatchment. The adopted temporal pattern for each subcatchment along with the peak discharge generated by the representative temporal pattern is also provided in **Appendix I**.

The results of the hydrologic analysis also indicate many unique combinations of critical durations and temporal patterns for each subcatchment. More specifically:

- 50% AEP: 51 unique critical storms
- 20% AEP: 45 unique critical storms
- 10% AEP: 46 unique critical storms
- 5% AEP: 49 unique critical storms
- 2% AEP: 47 unique critical storms
- 1% AEP: 46 unique critical storms
- 0.5% AEP: 44 unique critical storms
- 0.2% AEP: 45 unique critical storms.

5.3 Hydraulics

5.3.1 Boundary Conditions

Inflow Boundary

As discussed in the previous section, a WBNM hydrologic model was used to simulate the transformation of rainfall into runoff and generate discharge hydrographs throughout the catchment for each design storm. The discharge hydrographs generated by the WBNM model was used to define inflow boundary conditions for the TUFLOW model.

However, as noted above, many unique critical durations and temporal patterns were determined as part of the hydrologic analysis (i.e., more than 370 unique combinations of AEP, duration and temporal patterns). Although the WBNM model runs in a matter of seconds and can run a large number of storms in a relatively short amount of time, the hydraulic model takes several hours to run a single storm. Therefore, it was not considered feasible to run all unique combinations of storm durations and temporal patterns through the hydraulic model in a timely manner.

Therefore, the WBNM results were reviewed to determine if a reduced number of temporal patterns and durations could be applied without significantly impacting on the overall hydrologic outcomes. A total of 4-6 unique storms were targeted for each AEP/design flood that captured the majority of critical events.

The peak discharges generated by the most commonly “critical” temporal patterns and durations were compared against the peak discharges generated by the “correct” temporal

patterns and durations for each subcatchment to determine the difference in peak discharge that would result from using a reduced set of temporal patterns.

The outcomes of this assessment are summarised in **Appendix I**. **Appendix I** provide the "actual" critical discharges (i.e., based on consideration of all durations and temporal patterns) for each subcatchment but also includes the peak discharges that would be generated based upon the reduced set of temporal patterns and storm durations. The temporal patterns and storm durations that were ultimately selected for each AEP are documented in **Appendix F** and are also summarised in **Table 13**.

As shown in **Table 13**, the adopted storms typically capture more than half of the actual critical storms. The peak discharges summarised in **Appendix F** show that the reduced set of storms produce peak discharges that, on average, fall within 5% of the "adopted" peak discharge. The most significant difference is predicted at the overall catchment outlet. However, as this area is dominated by backwater inundation from the Nepean River, this should not adversely impact on results across the overland flow areas, that are the focus of this study.

Table 13 Adopted temporal patterns and storm durations for hydraulic analysis

Design Storm	Storm Durations and Temporal Pattern ID								
	10 mins	15 mins	20 mins	45 mins	1 hour	1.5 hours	2 hours	3 hours	6 hours
50% AEP	4389 4384				4577				4740 4737
20% AEP	4389		4450 4451				4640 4642	4669	4740
10% AEP		4409	4435	4536	4565	4594	4626	4659	
5% AEP		4410	4435 4434 4436	4536		4594		4659	4731
2% AEP	4364		4433 4371 4429	4528	4558		4499	4653	4722
1% AEP	4364		4433 4429 4371			4395	4499	4653	4529
0.5% AEP	4364		4433 4429 4371			4395	4499	4653	
0.2% AEP	4364		4433 4429 4399			4532	4617	4653	

Downstream Boundary

The Narellan Creek catchment drains into the Nepean River. Accordingly, the prevailing water level within the Nepean River can have a significant impact on flood behaviour across the downstream catchment area. Therefore, it is important to define a reliable Nepean River boundary condition as part of the design flood simulations. At the same time, it was also considered important to note that the goal of the current study is to define flood behaviour for the Narellan Creek catchment and not re-define flood behaviour for the Nepean River (which has been completed as part of the '*Nepean River Floodplain Risk Management Study and Plan*' (Cardno, 2019).

It is unlikely that floods of equivalent frequency will occur simultaneously in the Nepean River and Narellan Creek catchments due to the different characteristics of each catchment. In recognition of this, the '*Narellan Creek Flood Study*' (Worley Parsons, 2015) adopted a 20% AEP Nepean River flood as part of each Narellan Creek design simulation (except for the 50% AEP catchment flood, which adopted a 50% AEP Nepean River flood).

For more recent overland flood studies that have been completed elsewhere along the Nepean River (e.g., *Peach Tree & Lower Surveyors Creeks Catchment Flood Study* (CSS, 2018), *Emu Plains Overland Flow Flood Study* (BMT, 2020) and *Liverpool Overland Flow path Study for Rural Catchments (Stage 2)* (CSS, 2021) it was assumed that floods of equivalent severity were occurring in the local catchment and the Nepean River during all events up to and including the 5% AEP event. For local catchment events rarer than the 5% AEP, the 5% AEP Nepean River level was retained.

It was considered desirable to maintain consistency with the other studies along the Nepean River. Therefore, the combination of local catchment and Nepean River floods that summarised in **Table 14** were applied. It was noted that a 10% AEP Nepean River flood level was not available. Therefore, the water level was interpolated between the 20% AEP and 5% AEP flood levels.

Table 14 Adopted Nepean River Boundary Conditions

Design Flood Event	Narellan Creek Flood Event	Nepean River Flood Event	Nepean River Water Level (mAHD)
50% AEP	50% AEP	50% AEP	63.40
20% AEP	20% AEP	20% AEP	66.23
10% AEP	10% AEP	Interpolation between 20% AEP and 5% AEP	67.89
5% AEP	5% AEP	5% AEP	69.55
2% AEP	2% AEP	5% AEP	69.55
1% AEP	1% AEP	5% AEP	69.55
0.5% AEP	0.5% AEP	5% AEP	69.55
0.2% AEP	0.2% AEP	5% AEP	69.55
PMF	PMF	5% AEP	69.55

The impact of alternate tailwater levels on design flood behaviour was subsequently assessed as part of the sensitivity analysis (refer Section 6.3.4).

5.3.2 Blockage

Culvert and Bridge Blockage

'Base' blockage factors for each bridge and culvert in the study were estimated based upon recommendations in Chapter 6 of Book 6 of ARR2019. This document also recommends adjusting the 'base' blockage factors up or down depending on the severity of the event (i.e., higher blockage factors during larger floods and lower blockage factors during smaller

floods). A summary of the blockage scenarios that were adopted for each design flood is provided in **Appendix D** and is also summarised below:

- Low Blockage Scenario – 50% AEP, 20% AEP and 10% AEP events
- Medium Blockage Scenario – 5%, 2%, 1% and 0.5% AEP events
- High Blockage Scenario – 0.2% AEP and PMF events

The impact of alternate blockage scenarios was assessed as part of the sensitivity analysis (refer Section 6.3.3).

Stormwater Blockage

Stormwater inlets can also become partially blocked during significant rainfall events because of urban debris being mobilised by runoff. To account for the reduced inlet capacity that is afforded by blockage, blockage factors were applied to all stormwater pits in the TUFLOW model. This included a 20% blockage factor for "on grade" pits and a 50% blockage factor for "sag" pits based on recommendations in 'Australian Rainfall & Runoff: Project 11 – Blockage of Hydraulic Structures' (Engineers Australia, 2013)

5.4 Results

5.4.1 Design Flood Envelope

As discussed, a range of design storm durations and temporal patterns were simulated for each design flood. Therefore, the results from each simulation for each design flood were combined to form a "design flood envelope" for each design flood. It is this "design flood envelope" comprising the most critical depths, velocities and levels from a risk management perspective that forms the basis for the results documented in the following sections.

5.4.2 Presentation of Results

A review of the raw flood model results noted that there were a significant number of shallow, isolated "puddles" of water scattered across the catchment. This is associated with the application of sub grid sampling and the presentation of results once the calculated water level exceeds the median elevation within each model grid cell (i.e., adjoining model cells might have a median elevation that is slightly above versus slightly below the calculated water level resulting in discontinuous results). To overcome this mapping anomaly, all isolated puddles that were less than 100 m^2 in size were removed from the flood mapping.

5.4.3 Peak Depths, Levels and Velocities

Results were extracted from the final design flood envelopes and were used to prepare a floodwater depth and velocity vectors maps for the 50%, 20% AEP, 10% AEP, 5% AEP, 2% AEP, 1% AEP, 0.5% AEP and 0.2% AEP floods as well as the PMF. This information is provided in:

- Flood Depths: **Figures 14** to **22**.
- Flood Level: **Figures 23** to **31**.
- Flow Velocity: **Figures 32** to **40**.

5.4.4 Stormwater System Capacity

The TUFLOW model also produces information describing the amount of water flowing into each stormwater pit and through each stormwater pipe. This includes information describing which pipes are flowing completely full during each design flood. This

information can be used to provide an assessment of the capacity of each pit and pipe in the stormwater system. In doing so, it allows identification of where stormwater capacity constraints may exist across the catchment.

The pipe flow results of all design flood simulations were interrogated to determine the capacity of each stormwater pipe in terms of a nominal return period (i.e., AEP). The capacity of the pipe was defined as the largest design event whereby the pipe was not flowing completely full. For example, if a particular stormwater pipe was flowing 95% full during the 10% AEP event and 100% full during the 5% AEP event, the pipe capacity would be defined as "10% AEP".

The resulting stormwater capacity maps are presented in **Figure 41**. As shown in **Figure 41**, the pipe capacities are colour coded based on the nominal capacity that was calculated.

The information presented in **Figure 41** shows that the capacity of the system varies considerably across the catchment. Some sections of the stormwater system have a capacity of less than the 50% AEP flood while other sections of the stormwater system are able to convey flows in excess of the 1% AEP event. In general, stepper areas of the catchment provide a higher stormwater capacity while the stormwater system adjacent to the creeks/watercourses have a lower capacity. This is likely associated with the elevated water levels within the creek/watercourse limiting the efficiency of the stormwater system.

5.4.5 Flood Hazard

Flood hazard defines the potential impact that flooding will have on vehicles, people and property across different sections of the floodplain. More specifically, it describes the potential for floodwaters to cause damage to property or loss of life/injury (Australian Government, 2014).

For this study, the variation in flood hazard across the catchment was defined using flood hazard vulnerability curves presented in the NSW Government's *'Flood Risk Management Guideline FB03 - Flood Hazard'* (2023). The hazard curves are reproduced in **Plate 11**.

As shown in **Plate 11**, the hazard curves assess the potential vulnerability of people, cars and structures based upon the depth and velocity of floodwaters at a particular location. Therefore, peak depth, velocity and velocity-depth product outputs generated by the TUFLOW model were used to map the variation in flood hazard across the catchment based on the hazard criteria shown in **Plate 11** for each design flood. The resulting hazard category maps are shown in **Figures 42** to **46** for the 20% AEP, 5% AEP, 1% AEP and 0.2% AEP floods as well as the PMF.

The hazard maps indicate that during the 1% AEP flood, the flood hazard across most urban areas is predicted to be H1. This indicates that flooding along most roads would not pose a significant hazard to people of vehicles. However, localised areas of some steeper roads where velocities are higher are predicted to reach H5. In addition, some defined watercourses, as well as the very lower reaches of the catchment (i.e., adjacent to the Nepean River) are predicted to experience up to H6 hazard.

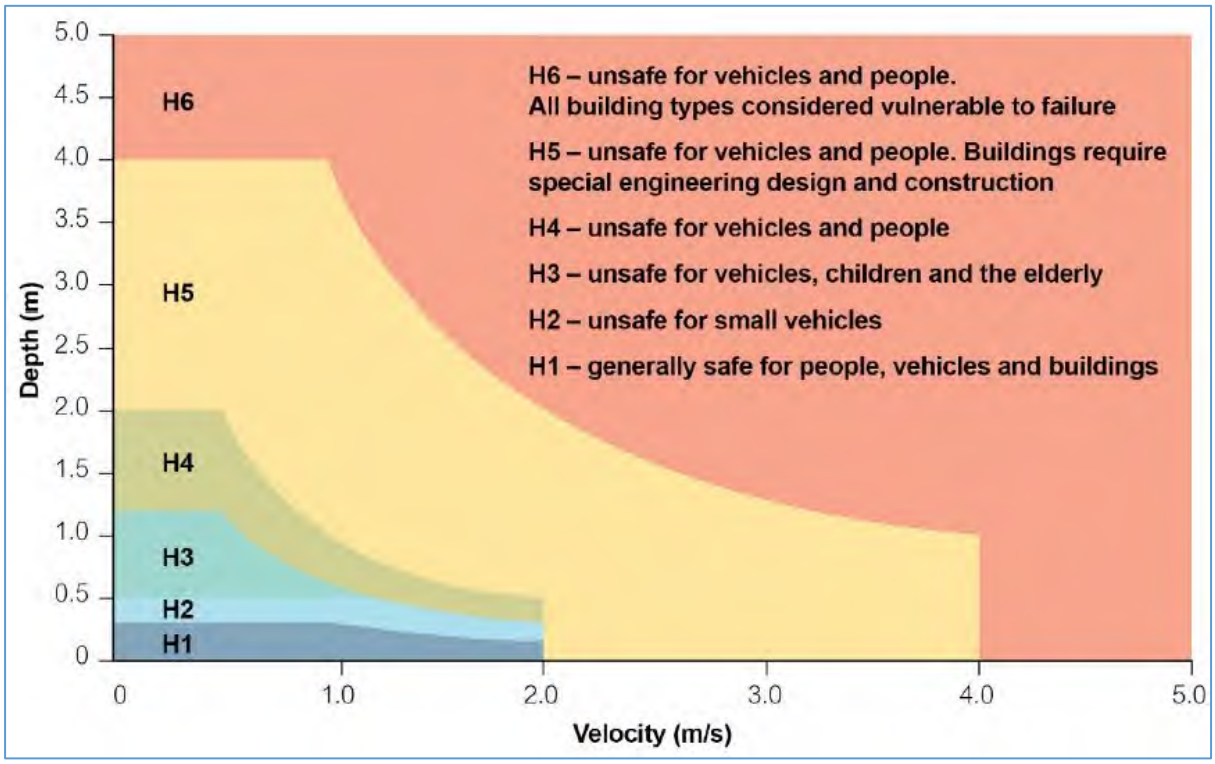

Plate 11 Flood hazard vulnerability curves (NSW Government, 2023)

During the PMF, although some roads would still only experience H1 hazard, many roads would be exposed to a hazard of H4 or above. This includes sections of Narellan Road, Narellan Town Centre, Smeaton Grange industrial area, and Mount Annan Marketplace. This indicates that cars and people in these areas would be exposed to a significant flood risk.

It should be noted that flooding across most of the catchment is "flashy"/short duration flooding. As a result, the H5 and H6 hazard conditions are not predicted to last for extended periods of time. In the case of H6 hazard along roads/urban areas, the high hazard conditions are predicted to subside in less than 15 minutes at most locations.

5.4.6 Flood Emergency Response Classifications

In an effort to understand the potential emergency response requirements across different sections of the study area, flood emergency response precinct (ERP) classifications were prepared in accordance with the flow chart shown in **Plate 12** (NSW Government, 2023). The ERP classifications can be used to provide an indication of areas which may be inundated or isolated during floods. This information, in turn, can be used to quantify the type of emergency response that may be required across different sections of the study area during future floods. This information can be useful in emergency response planning.

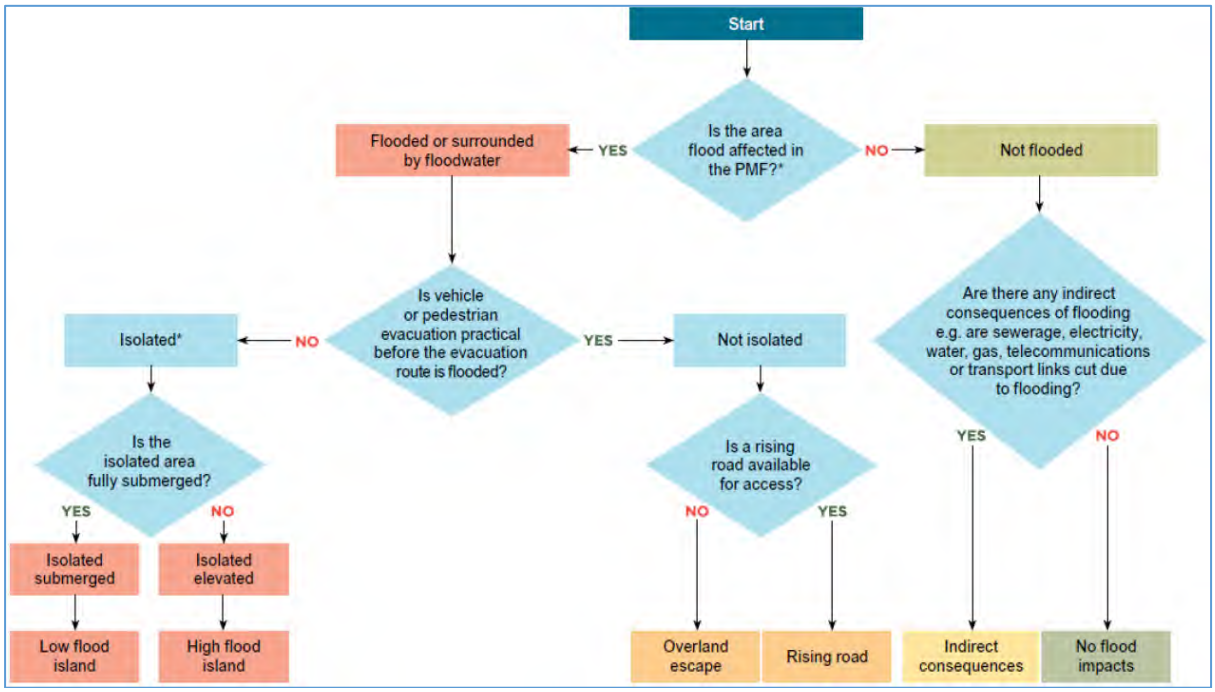

Plate 12 Flow Chart for Determining Flood Emergency Response Classifications.

Each lot within the study area was classified based upon the ERP flow chart for the 1% AEP flood and PMF. This was completed using the TUFLOW model results, digital elevation model and a road network GIS layer in conjunction with proprietary software that considered the following factors:

- Whether evacuation routes get "cut off" by the depth of inundation (a 0.2 m depth threshold was used to define a "cut" road).
- Whether evacuation routes continuously rise out of the floodplain. This criterion is applied to the nearest cross street or road, assuming it is located outside of the PMF extent (i.e., floodplain).
- Whether properties become flooded. A property is considered "flooded" if more than 5% of the property is inundated by floodwaters. When a property is inundated by less than 5% of the total property area, it was considered to be "elevated".
- Indirect consequences are identified when the property is located completely outside of the flood extent. However, it is impacted by other external factors, such as roadways being cut by water which would prevent access.

The resulting ERP classifications for the 1% AEP flood and PMF are provided in **Figure 49** and **Figure 52**. A range of other datasets were also generated as part of the emergency response classification process to assist Council and the SES. This includes roadway overtopping locations which are also included on **Figure 49** and **Figure 52**. The labels attached to each road overtopping point show the maximum water depth during the design flood.

The emergency response classifications indicate that most properties within the catchment are not predicted to be directly impacted by flooding during the 1% AEP event (i.e., not inundated and access would not be cut). For those properties that are predicted to be impacted by flooding, the most common classifications during the 1% AEP are:

- Indirect consequences which indicate properties are not flooded but access to or from the properties is cut and there is potential for utilities to be disrupted.
- Rising road areas: this classification indicates that evacuation routes grade up and out of the floodwaters.

During the PMF, much more of the study area fall under the 'low flood island' and 'high flood island' classification. These classifications indicate that evacuation is lost early in the flood with the low flood island classifications indicating that the entire lot is eventually inundated. Consequently, a PMF would isolate and inundate many properties and would present a significant emergency response requirement if evacuation is not completed early (noting that flooding is very "flashy", there would be minimal advance warning time).

Figure 49 also shows that the depth of flooding would be sufficient to cut 165 individual road segments during the 1% AEP flood (reflecting about 2% of all roads in the catchment. **Figure 52** shows that during the PMF, 1,398 road segments would be cut (i.e., nearly 20% of roads within the catchment). This confirms that the flood impacts during the PMF escalate significantly relative to the 1% AEP event.

5.4.7 Flood Function

The NSW Government's *'Flood Risk Management Manual'* (2023) subdivides flood prone areas according to the flood function categories presented in **Table 15**. The flood categories provide an indication of the potential for development across different sections of the floodplain to impact on existing flood behaviour and highlights areas that should be retained for the conveyance or storage of floodwaters.

Guidance for establishing flood function categories is provided in the NSW Government's *'Flood Risk Management Guideline FB02 - Flood Function'* (2023). However, explicit quantitative criteria for defining each category are not provided. This is because the extent of floodway, flood storage and flood fringe areas are typically specific to a particular catchment. Therefore, it was necessary to review the modelling results and use this information as a basis for developing criteria to describe each flood function category. For this study, the following approach was employed.

- Floodways:
  - Initial estimates of the floodway extent were determined based on the depth and velocity outputs from the flood modelling in conjunction with criteria set out in Howells et al (2003).
  - The suitability of the above floodway estimates was then cross-checked at select locations by partly obstruction sections of floodway and confirming if a significant impact on flood behaviour/a significant redistribution of flow occurred.
  - The depth and velocity criteria were adjusted iteratively based on the obstruction analysis and manual adjustments of the floodways was also completed to ensure continuity, where required.
  - The final adopted criteria for floodways are provided in **Table 15**
- Flood Fringe:
  - Floodways were removed.
  - A water depth threshold was then used to identify potential flood fringe areas.

- The suitability of the flood fringe was tested by blocking out all flood fringe areas and re-running the design flood and confirming if this produced an unacceptable flood impact (as noted in **Table 15**, removing flood fringe areas should not have a significant impact on flood behaviour). For this study an "unacceptable impact" was quantified as a flood level increase of 0.1 metres.
- The depth threshold was adjusted iteratively until the flood level impacts were contained below 0.1 metres.
- The final adopted criteria for flood fringe are provided in **Table 15**

- Flood Storage:
  - Remaining areas after floodway and flood fringe areas were removed.

Table 15 Qualitative and Quantitative Criteria for Hydraulic Categories

Hydraulic Category	Flood Risk Management Manual Definition	Adopted Criteria*
Floodway	Are generally areas which convey a significant portion of water during floods and are particularly sensitive to changes that impact flow conveyance. They often align with naturally defined channels	• D ≥ 0.1 m AND V ≥ 0.5 m/s OR • VxD ≥ 0.25 m^2/s, D ≥ 0.25 m AND V ≥ 0.25 m/s
Flood Storage	Are areas outside of floodways, are generally areas that store a significant proportion of the volume of water and where flood behaviour is sensitive to changes that impact on the storage of water during a flood	• Not floodway and • D ≥ 0.1 m
Flood Fringe	Are areas within the extent of flooding for the event but which are outside floodways and flood storage areas. Flood fringe areas are not sensitive to changes in either flow conveyance or storage.	• Not floodway and • D < 0.1 m

NOTES: V = Velocity, D = Depth

The velocity and depth results produced by the TUFLOW model for each design flood were combined with the criteria detailed in **Table 15** to produce hydraulic category maps. The resulting maps are shown in **Figures 53** to **56**.

Verification of the hydraulic categories was also completed, and the outcomes of the verification are provided in **Appendix L**.

5.5 Flood Damage Assessment

To assist in quantifying the current financial impacts of flooding on the community, a flood damage assessment was completed in accordance with Chapter 3 of the NSW Government's flood risk management guideline: 'Flood Risk Management Measures' (2023).

The flood damage calculations account for the following types of damage that can be readily accounted for in monetary terms:

- Direct damage costs which are costs associated with water coming into direct contact with buildings and contents.

- Indirect damage costs which are costs incurred outside of the specific inundation event, such as clean-up costs and loss of trade (for commercial and industrial properties).

Costs that cannot be readily accounted for in monetary terms (e.g., emotional stress) were not included in the damage calculations.

Building Database

A building database was developed to enable damage calculations to be prepared for residential, commercial and public buildings. The database was developed in GIS and included floor levels for all habitable buildings located within the PMF extent (3,673 buildings). For residential dwellings, the lowest habitable floor level was estimated, while the lowest operational floor level was estimated for commercial and public buildings.

For buildings located within the 5% AEP flood extent, the floor levels were estimated using a 'drive by' survey technique. This was completed using Google Street View. The floor level was most commonly estimated by counting the number of steps or bricks between the ground level of the property and the front door. The number of steps/bricks were then multiplied by the step riser/brick height (180mm height for steps and 90mm height for bricks) which was then combined with the LiDAR DEM to provide the floor level estimate.

For buildings located outside of the 5% AEP extent, but within the PMF extent, the floor levels were assumed to be located 150 mm above the ground elevation. Although this approach provides a less precise floor level estimate, the rarer floods have a much smaller contribution to the average annual flood damage calculations relative to the more frequent events. Therefore, a lower level of precision will not have a significant impact on the overall damage calculations.

Damage Calculations

The flood damage estimates were prepared using the NSW Government's Flood Damage CBA Tool. The Tool requires a number of inputs to provide a reliable flood damage estimate for the study area. A copy of the adopted inputs is provided in **Appendix M**.

The inputs within the Flood Damage CBA Tool are used to derive curves describing the total flood damage costs relative to the depth of above floodings for different property types (e.g., residential, commercial). A copy of the flood damage curves adopted as part of the current study are also provided in **Appendix M**.

Each building point from the property database was intersected with the flood level results to provide an above floor flooding depth for each building and each design flood. The above floor flooding depths were then combined with flood damages curves to provide a flood damage estimate for each property for each design flood.

As part of the damage cost calculations, the number of buildings subject to above floor inundation during each design flood was calculated. This information is summarised in **Table 16** and **Table 17** for residential and commercial buildings respectively. The number of properties subject to above ground inundation (even if above floor flooding is not predicted) are also provided in **Table 16** and **Table 17**. This includes damage to external items such as fences, sheds and garages.

Table **16** Residential Flood Damage Summary

Flood Event	No. properties flooded above ground	No. properties flooded above floor	Total Damages	Contribution to AAD	Damage/Cost Components			
					Structural	Contents	External	Intangibles
PMF	2,611	1,315	$152,012,881	$175,355	$102,971	$30,783	$27,672	$13,929
0.2%	621	209	$24,223,628	$56,466	$29,061	$5,440	$11,027	$10,937
0.5%	531	162	$13,420,584	$60,133	$37,432	$6,411	$15,057	$1,232
1%	467	132	$10,632,589	$84,651	$52,384	$7,659	$23,206	$1,402
2%	358	83	$6,297,693	$149,094	$91,187	$9,747	$46,500	$1,661
5%	288	45	$3,641,933	$154,228	$95,495	$7,816	$49,600	$1,317
10%	221	25	$2,527,179	$194,752	$125,589	$8,402	$59,343	$1,418
20%	152	10	$1,367,863	$329,168	$218,962	$12,523	$95,657	$2,026
50%	85	0	$826,590	$206,647	$141,380	$10,436	$53,143	$1,688
Total AAD				**$1,410,496**				

Table 17 Commercial Flood Damage Summary

Flood Event	No. properties flooded above ground	No. properties flooded above floor	Total Damages	Contribution to AAD	Damage/Cost Components	
					Structural & internal	Loss of trading & clean-up
PMF	107	302	$120,862,565	$123,895	$123,895	$37,168
0.2%	24	0	$3,654,631	$10,914	$10,914	$3,274
0.5%	19	0	$3,621,441	$18,107	$18,107	$5,432
1%	17	0	$3,621,441	$34,145	$34,145	$10,243
2%	13	0	$3,207,473	$93,454	$93,454	$28,036
5%	10	0	$3,022,826	$151,141	$151,141	$45,342
10%	9	0	$3,022,826	$226,100	$226,100	$67,830
20%	7	0	$1,499,167	$448,715	$448,715	$134,615
50%	4	0	$1,492,268	$373,067	$373,067	$111,920
Total AAD				**$1,479,538**		

Table 18 Summary of Total Flood Damage Costs for Existing Conditions

Flood Event	Flood Damages ($ millions)					Contribution to Average Annual Damage
	Structural	Internal	External	Intangibles	Total Damages	
PMF	$223,350,437	$31,687,871	$26,091,371	$7,699,461	$288,829,140	$317,535
0.2%	$15,757,497	$2,343,823	$4,501,200	$7,699,461	$30,301,980	$73,031
0.5%	$12,832,957	$1,645,796	$3,585,371	$321,317	$18,385,442	$84,260
1%	$10,882,789	$1,175,238	$3,039,771	$220,849	$15,318,647	$130,083
2%	$7,473,398	$509,765	$2,065,486	$87,644	$10,136,294	$275,120
5%	$5,446,642	$204,989	$1,344,514	$34,166	$7,030,311	$333,997
10%	$4,802,148	$138,921	$837,886	$23,768	$5,802,723	$450,549
20%	$2,482,813	$45,919	$467,657	$7,427	$3,003,816	$814,218
50%	$2,114,342	$45,919	$233,829	$7,427	$2,401,517	$603,823
					AAD TOTAL	**$3,082,616**

Table 16 shows that above floor inundation is predicted to start during the 20% AEP flood, although external damage is predicted in floods as frequent as the 50% AEP event. During the 1% AEP event, 132 residential properties are predicted to experience above floor inundation (and more than 400 are predicted to experience external property damaged). During the PMF, more than 1,300 properties are predicted to be inundated above floor level and a more than 2,600 are predicted to be damaged externally. Therefore, the property impacts increase significantly during the PMF.

The breakdown of damage costs for each design flood are also summarised in **Table** 16 and **Table 17** for residential and commercial properties. The total flood damage costs for each event (i.e., residential, commercial, public and infrastructure costs) are provided in **Table 18.**

Table 18 indicates that if a 1% AEP flood was to occur, more than $15 million worth of damage could be expected. More than $10 million worth of the damage would be incurred across residential properties. If a PMF was to occur, the economic impacts would be severe with more than $280 million in damages anticipated.

The damage estimates were also used to prepare an Average Annual Damage (AAD) estimate for each property. The AAD provides an estimate of the average annual cost of inundation across the study area over an extended timeframe (in effect, how much money would be need to set aside each year in order to pay for flood damage costs). The AAD for the catchment was calculated as $3,082,616. Therefore, if the 'status quo' was maintained, residents and business owners within the catchment as well as infrastructure providers, such as Council, would likely be subject to flood damage costs of around $3 million per annum (on average).

5.6 Future Catchment Development

5.6.1 Turner Road Growth Area

The flood study was prepared based on topographic and development conditions from February 2023. However, it was noted the Turner Road Growth Area was continuing to expand/development while the current study was being prepared. Therefore, additional simulations were completed to understand how further development across the Turner Road area might impact on the existing flood information presented earlier in this chapter.

In this regard, design plans for the following properties were provided by Council to assist in updating the hydrologic and hydraulic models to reflect development across the area:

- 135 and 165 Turner Road
- 8 Flaneur Avenue

The hydrologic model was updated to reflect the increased impervious survey associated with the future land use. The following impervious proportions were adopted for the future land uses and were informed by impervious proportions across neighbouring subdivisions:

- Parks/open space: 5% impervious
- Residential: 82% impervious
- Roads: 100% impervious

The updated impervious were used to re-calculate weighted average impervious areas to reflect future development across the Turner Road Growth Area and update the WBNM hydrologic model. The updated hydrologic model was used to re-simulate the design 20% AEP, 5% AEP, 1% AEP and 0.2% AEP design storms.

The updated design hydrology was then applied to an updated TUFLOW hydraulic model. In addition to the updated hydrology, the TUFLOW model was updated to reflect the realignment of the creek draining through the area and the filling of habitable areas to the flood planning level (i.e., 1% AEP flood level +0.5 metres). The updated Hydraulic model was then used to re-simulate the design 20% AEP, 5% AEP, 1% AEP and 0.2% AEP design floods.

Flood level difference mapping was then prepared to quantify the impact that future catchment development is predicted to have on "existing" design flood levels across the catchment. The difference mapping is presented in **Appendix N**.

The difference mapping shows that future development across the Turner Road Growth Area has the potential to generate localised flood level increases and reductions in the vicinity of the growth centre. The flood level differences are most commonly less than 0.05 metres, although localised increases of up to 0.2 metres are predicted upstream of some Turner Road culverts/detention basins.

The flood level impacts are typically contained to the Turner Road Growth Area and do not propagate downstream to Kenny Creek. Therefore, the development across the Turner Road Growth Area is not predicted to adversely impact on broader flood behaviour across the Narellan Creek catchment.

5.6.2 Cumulative Development Assessment

The Narellan Creek catchment is largely developed for urban purposes. However, there is potential for further development across the catchment in the future (e.g., knock down-rebuilds and construction of granny flats).

This future development has the potential to alter existing flood behaviour, which may impact the existing flood risk across the catchment. Accordingly, additional simulations were completed to quantify the potential impacts that future development may have on the existing flood risk in the study area.

As the future make-up of development across the catchment is not known, assumptions were made on the potential increase in impervious surfaces based on the Camden LEP 2010 land use zones. The adopted impervious percentages for each land use for future catchment conditions are summarised in **Table 19**. Also included in **Table 19** are the average impervious values across each land use zone for existing catchment conditions.

This information was used to calculate weighted average impervious and pervious values for each land use that were used as the basis for updating the WBNM hydrologic model to reflect potential future catchment conditions. The updated model was used to re-simulate

the 20% AEP, 5% AEP, 1% AEP and 0.2% AEP design storms under potential future catchment development conditions.

Table 19 Adopted land use information for cumulative development assessment

Classification	LEP Zone	Impervious Percentage	
		Current	Adopted Future
Neighbourhood Centre	B1	57	75
Local Centre	B2	74	90
Business Development	B5	77	90
National Parks and Nature Reserves	C1	12	30
Environmental Conservation	C2	19	25
Environmental Living	C4	53	60
General Industrial	IN1	70	90
Light Industrial	IN2	73	90
General Residential	R1	60	70
Low Density Residential	R2	56	65
Medium Density Residential	R3	67	75
Large Lot Residential	R5	20	30
Public Recreation	RE1	29	40
Private Recreation	RE2	7	15
Primary Production	RU1	9	15
Rural Landscape	RU2	12	20
Special Activities	SP1	14	20
Infrastructure	SP2	51	65

The updated design hydrology was applied to the TUFLOW model and the TUFLOW model was used to simulate each design flood (no modifications were completed to the TUFLOW model except for the revised hydrology). Flood level difference mapping was then prepared to quantify the impact that future catchment development is predicted to have on "existing" design flood levels across the catchment. The difference mapping is presented in **Appendix O**.

Appendix O shows that the increases in impervious areas are predicted to increase existing flood levels across most of the study area. However, the flood level increases across most of the catchment are no greater than 0.05 metres (refer to yellow areas in **Appendix O**). Localised flood level increases of more than 0.1 metres are predicted in the vicinity of some culverts/bridges and water bodies/detention areas.

5.7 Discussion on Flood Behaviour

The flood mapping shows that during more frequent floods (e.g., up to and including the 10% AEP event), overland flooding is characterised by shallow water depths that are mostly contained to roads. Although the water depths are generally less than 0.2 metres during the more frequent floods, some areas are predicted to experience inundation depths of more than 0.5 metres during the 10% AEP flood. This includes:

- Camden Valley Way (near Narellan Town Centre)
- Rear of properties located at Woodland Crescent, Narellan
- Waterwork Drive, Narellan Vale (adjacent to Nugget Beames Reserve)
- Anderson Road, Smeaton Grange (west of Dunn Road)

Although most water is contained to the road network during the frequent design floods, an overland flow path through several properties is evident between Queen Street and Wilton Street at Narellan.

During moderate to larger floods (i.e., up to and including the 1% AEP event), water depths along roads become more significant. A significant number of roads (i.e., 165 road segments) are predicted to experience water depths of at least 0.3 metres at the peak of the1% AEP flood, which would typically be sufficient to prevent vehicular movement. The following additional areas would be subject to at least 0.5 metres depth of water during the 1% AEP flood:

- Narellan Road (between The Old Northern Road and Camden Valley Way)
- The Old Northern Road (near Narellan Town Centre)
- Fishburn Place, Narellan
- Peppercorn Avenue, Narellan
- Welling Drive, Mount Annan (near Wandarrah Reserve)
- Henrietta Drive, Narellan Vale (south of Welling Drive)
- Avery Way, Narellan Vale
- Paddy Miller Avenue, Currans Hill
- Manchester Way, Currans Hill
- Vulcan Way, Currans Hill
- Dunn Road, Smeaton Grange (north of Anderson Road)

Some additional overland flow paths also form through properties during the 1% AEP flood. The most significant flow paths include:

- Farmhouse Place, Currans Hill
- Eastlewood Street to Narellan Road, Narellan
- Peppercorn Avenue to Richards Road, Narellan
- Tobruk Road to Montgomery Circuit, Narellan Vale
- Welling Drive to Pearce Place, Narellan Vale

A significant number of roads and properties in the lower catchment are also predicted to be exposed to significant inundation depths, however, this is driven by Nepean River levels rather than local catchment runoff.

During extreme floods (i.e., the PMF), nearly 1,400 road segments would be cut. This includes 508 road segments inundated with more than 0.5 metres of water and 336 road segments inundated with more than 1 metre of water. This would result in floodwater extending well beyond the road reserve in many areas resulting in inundation of adjoining properties.

Depths or more than 1.5 metres are predicted around the Mount Annan Marketplace at the peak PMF. Likewise, depths of well over 1 metre are predicted around the Narellan Town Centre. This would likely place a significant number of staff and patrons at risk in these busy commercial precincts.

Many of the overland flowpaths discussed above would experience significant inundation depths during the PMF and many other flowpaths would begin to form. Or particular note are the following areas where water depths of more than 1 metre are predicted across multiple residential properties:

- Narellan Road to Currans Hill Drive, Currans Hill
- Wandarrah Reserve to, Mount Annan
- Woodland Crescent to Camden Bypass, Narellan
- Liquidamber Drive to Narellan Road, Narellan Vale
- Fairwater Drive and OMeally Place, Harrington Park

6 SENSITIVITY AND CLIMATE CHANGE ANALYSIS

6.1 Overview

Computer flood models require the adoption of parameters that are not necessarily known with a high degree of certainty or are subject to variability. Each of these parameters can impact on the results generated by the model.

As outlined in Chapter 4, computer models are typically calibrated using recorded rainfall, stream flow and/or flood mark information. Calibration is achieved by adjusting the parameters that are not known with a high degree of certainty until the computer model is able to reproduce the recorded flood information. Calibration is completed in an attempt to ensure the adopted model parameters are generating realistic estimates of flood behaviour.

As discussed in Chapter 4, the WBNM and TUFLOW models were validated against recorded and observed flood information for three historic events. In general, this information confirmed that the models were providing realistic descriptions of flood behaviour across the catchment.

Nevertheless, it is important to understand how any uncertainties and variability in model input parameters may impact on the results produced by the model. Therefore, a sensitivity analysis was undertaken to establish the sensitivity of the results generated by the computer model to changes in model input parameter values. The outcomes of the sensitivity analysis are presented below.

6.2 Hydrologic Model Inputs

6.2.1 Initial / Burst Loss

An analysis was undertaken to assess the sensitivity of the results to variations in antecedent wetness conditions (i.e., the dryness or wetness of the catchment prior to the design storm event). A catchment that has been saturated prior to a major storm will have less capacity to absorb rainfall. Therefore, under wet antecedent conditions, there will be less "initial loss" of rainfall and consequently more runoff. For example, much of the flooding across Sydney in 2022 was contributed by the saturated state of each catchment (a result of the quick succession of rainfall events and the lack of time for the catchment to "dry").

The variation in antecedent wetness conditions was represented by altering the "burst" rainfall loss in the WBNM model. This involved altering the probability neutral rainfall losses discussed by ±20% and re-running the 5% AEP, 1% and 0.5% AEP storms. The revised discharges were extracted from the results of the modelling and are included in **Appendix J**. Peak discharges for the "base" conditions are also included in **Appendix J** for comparison.

The peak discharge comparison indicates that increasing the storm loss (reflecting a dryer catchment) decreases peak design discharges at most locations. More specifically, peak discharges are predicted to reduce by 7%, on average.

Reducing the storm loss (reflecting a wetter catchment) is predicted to generate very small increases in peak design discharges at most locations. Peak discharges are predicted to increase by an average of 1%, although localised increases of more than 10% are predicted at a small number of locations.

Overall, the peak discharges do not appear to be particularly sensitive to the adopted storm losses.

The revised discharge hydrographs were then applied to the TUFLOW model and the TUFLOW model was used to re-simulate the 5% AEP, 1% and 0.5% AEP flood with the modified storm losses. Peak water levels were extracted from the results of the modelling and were compared against peak flood levels for "base" design conditions. This allowed water level difference mapping to be prepared showing the magnitude of any change in water levels associated with the change in initial loss values. The difference mapping is presented in **Appendix K**. Decreases in "design" flood levels associated with the parameter change are shown in shades of green/blue and increases in flood levels are shown in shades of yellow/red.

The difference mapping shows that altering the burst loss will generate only small changes in design flood levels. The changes generally do not exceed 0.02 metres and are generally concentrated in detention/flood storage areas. Therefore, the hydraulic model results do not appear to be sensitive to the adopted initial loss.

6.2.2 Continuing Loss Rate

An analysis was also undertaken to assess the sensitivity of the results generated by the XP-RAFTS model to variations in the adopted continuing loss rates. Accordingly, the continuing loss rates within the XP-RAFTS model were changed from the "design" values of 1.48 mm/hr (pervious areas) and 0 mm/hr (impervious areas) to:

- Increased Continuing Loss Rates: 1.98 mm/hr for pervious areas and 0.5mm/hr for impervious areas.
- Decreased Continuing Loss Rates: 0.98 mm/hr for pervious areas and 0mm/hr for impervious areas.

The modified continuing loss rates were applied to the XP-RAFTS model and were used to re-simulate the 5% AEP, 1% and 0.5% AEP storms. The revised discharges were extracted from the results of the modelling and are included in **Appendix J**.

The peak discharge comparison indicates that changing the continuing loss rate generally produces only small changes in peak discharges. More specifically, the peak 1% AEP discharges are not predicted to change by more than 5%. Accordingly, the hydrologic model does not appear to be particularly sensitive to changes in the adopted continuing loss rate.

The revised discharge hydrographs were then applied to the TUFLOW model and the TUFLOW model was used to re-simulate the 5% AEP, 1% and 0.5% AEP floods with the modified continuing loss rates. Peak water levels were extracted from the results of the

modelling and were used to prepare flood level difference mapping which are presented in **Appendix K**.

The results of the sensitivity analysis show that the TUFLOW model is relatively insensitive to changes in continuing loss rates. More specifically, **Appendix K** shows that only small (i.e., generally no greater than 0.01m) localised changes in 1% AEP flood levels are predicted with the modified continuing loss rates.

Therefore, it can be concluded that any uncertainties associated with the adopted continuing loss rates are unlikely to have a significant impact on the results generated by the TUFLOW model.

6.2.3 Temporal Pattern

As discussed in Section 5.2.4, ten different temporal patterns were applied to each design storm frequency and duration. A temporal pattern that provided a peak discharge roughly in the middle of the range was adopted as part of the 'base' design flood simulations. However, it was considered important to gain an understanding of how variations in the rainfall temporal pattern (i.e., how the rainfall is distributed over time) may impact on the results generated by the model. Therefore, additional simulations were completed by adopting a temporal pattern at the upper and lower end of the adopted critical durations.

Appendix J summarises the peak discharges at each subcatchment that are generated using the temporal patterns listed above. The 'base' peak discharges are also listed for comparison.

The comparison presented in **Appendix J** shows that the temporal patterns that produce lower peak discharges will generate peak design discharges that are 9% lower (on average) respectively relative to the base peak discharges. Adopting a temporal pattern that produces high peak discharges is predicted to increase peak design discharges by 16%, on average.

The revised discharge hydrographs were then applied to the TUFLOW model and the TUFLOW model was used to re-simulate the 5% AEP, 1% and 0.5% AEP floods with the modified temporal patterns. Flood level difference mapping was prepared to display the impacts of the temporal pattern modifications and are presented in **Appendix K**.

The difference mapping shows that adopting a lower temporal pattern can reduce 1% AEP flood levels by up to 0.1 metres. However, the reductions were most commonly less than 0.05 metres.

Adopting the higher temporal patterns produced flood level increases of more than 0.2 metres in isolated locations, however, increases of up to 0.1 metres are more common. It was noted that the higher temporal patterns did not increase flood levels at all locations, with some areas exposed to small flood level reductions of up to 0.05 metres. This was most evident in volume dependent areas such as Harrington Park Lakes (i.e., areas that are more driven by the volume of runoff than the absolute peak discharge

Accordingly, the peak design discharges and water level results are sensitive to the adopted temporal pattern. However, it should be acknowledged that the chance of the 1% AEP rainfall occurring in conjunction with the "worst case" temporal pattern is likely to be rarer than 1% AEP. Accordingly, it is considered that the adopted temporal patterns better maintain AEP neutrality.

6.3 Hydraulic Model Inputs

6.3.1 Roughness Coefficients

Roughness coefficients are used to describe the resistance to flow afforded by different land uses and surfaces across the catchment. However, they can be subject to variability (e.g., vegetation density in the summer would typically be higher than the winter leading to higher roughness values). Therefore, additional analyses were completed to quantify the impact that any uncertainties associated with hydraulic roughness values may have on predicted design flood behaviour.

The TUFLOW model was updated to reflect a 20% increase and a 20% decrease in the adopted design roughness values and additional 5% AEP, 1% and 0.5% AEP simulations were completed with the modified "n" values (no changes to hydrology were completed as part of this assessment). Peak flood levels were extracted from the results of the modelling and were used to prepare flood level difference mapping, which is presented in **Appendix K**.

In general, the changes in flood levels associated with modifying roughness values are predicted to be less than 0.05 metres, but localised flood level increases/decreases approaching 0.2 metres are predicted at some locations (primarily along heavily vegetated watercourses). It is noted that reducing roughness values will typically reduce flood levels. However, there are some areas where the more rapid response of rainfall is predicted to generate localised increases in flood levels, such as detention areas. Conversely, increasing roughness values will typically increase flood levels, but the additional attenuation will result in flood level reductions across some locations (again, typically detention areas).

Although localised changes in flood level of more than ±0.1 metres are predicted at isolated locations, the change in flood levels across most of the study area, including across urban areas, are predicted to be much smaller. As a result, it is considered that the overland flow portions of the model are relatively insensitive to changes in roughness values.

6.3.2 Structure Losses

Loss coefficients were included for each culvert to represent hydraulic losses through each structure. To gain an understanding of how uncertainty in the loss coefficients may impact on the design flood results, revised simulations were completed with the loss coefficients increased and decreased by 20%.

The updated versions of the model were used to re-simulate the 5% AEP, 1% and 0.5% AEP floods with the modified loss coefficients. Peak water level results were extracted and used to prepare flood level difference mapping which is enclosed in **Appendix K**.

The results of the simulations show that altering the loss coefficient by ±20% is predicted to produce small, localised impacts on peak flood levels, particularly upstream of large

drainage infrastructure. In all cases the flood levels are not predicted to change by more than 0.02 metres. Therefore, any uncertainty in the representation of structure losses does not have a significant influence on the model results.

6.3.3 Blockage

As discussed in Section 5.3.2, blockage factors were applied to all culverts and bridges as part of the design flood simulations. However, as it is not known which structures will be subject to what percentage of blockage during any particular flood, additional TUFLOW simulations were completed to determine the impact that alternate blockage scenarios would have on flood behaviour. Specifically, additional simulations were undertaken by adopting the 'low' blockage scenario (normally adopted for frequent flood events >5% AEP), and the 'high' blockage scenario (normally adopted for rare flood events <0.5% AEP).

Peak flood levels were extracted from the results of the modelling and were used to prepare flood level difference mapping, which is presented in **Appendix K**.

The results of the simulations show that adopting a lower complete blockage will produce flood level reductions that are generally less than 0.05 metres on the upstream side of hydraulic structures in all flood events. Flood level increases on the downstream side of structures is also predicted, however, the magnitude of these is generally less than 0.05 metres.

Some more notable changes in flood levels are predicted in the vicinity of some smaller structures, where the differences in design blockage factors are more significant. This includes localised increases of more than 0.2 metres upstream of the Hartley Road crossing of Annan Creek and flood level reductions of more than 0.2 metres within The Cascades Duck Pond

The results of the blockage sensitivity analysis do show that the model results are sensitive to variations in blockage in the immediate vicinity of some hydraulic structures. This outcome emphasises the need to ensure key drainage infrastructure, bridges and culverts are well maintained (i.e., debris is removed on a regular basis).

6.3.4 Nepean River Level

The Narellan Creek catchment drains into the Nepean River, which forms the downstream boundary of the catchment. The Nepean River water level that was adopted for each design simulation is described in Section 5.3.1. However, if the prevailing water level within the Nepean River at the time of a local catchment flood was different, it has the potential to impact on results across the downstream sections of the catchment.

Therefore, additional sensitivity simulations were completed to assess the sensitivity of the model results to variations in the adopted Nepean River water level. The simulations involved altering the adopted Nepean River water level by ±0.5 metres.

Peak flood levels were extracted from the results of the modelling and were used to prepare flood level difference mapping, which is presented in **Appendix K**.

The difference mapping shows that the adopted Nepean River water level can have a significant impact on flood extents and levels across the downstream sections of the study area. This includes flood level impacts that extend as far upstream as Narellan Road/Harrington Park Lakes. However, across the urban/overland sections of the catchment, the flood level impacts are negligible.

Overall, it can be concluded that flood levels across the downstream sections of the catchment are sensitive to changes in the adopted Nepean River level. However, flood level impacts across the upstream sections of the catchment are predicted to be negligible.

6.4 Australian Rainfall & Runoff 1987

Flood studies across the Camden LGA over the last three decades have been prepared in accordance with *'Australian Rainfall and Runoff – A Guide to Flood Estimation'* (Engineers Australia, 1987) (ARR1987). The current study has been prepared in accordance with the updated ARR2019, which reflects application of more thorough hydrologic procedures as well as an additional 30 years of rainfall information. Nevertheless, it was considered important to understand how results produced based upon ARR2019 may differ from those generated using ARR1987. Therefore, an additional sensitivity assessment was completed to confirm the impact that the revised hydrologic procedures may have on design flood behaviour across the study area.

This involved re-running the 5% AEP and 1% AEP storms based on ARR1987 through the WBNM model to confirm the critical storm durations and then running the critical storms through the TUFLOW model. Difference mapping was then prepared by subtracting the ARR2019 water level results from the ARR1987 water level results. The difference mapping is presented in **Appendix K**.

The difference mapping presented in **Appendix K** also shows that ARR1987 is predicted to produce higher flood levels relative to ARR2016. Along major watercourse, the ARR1987 levels are typically a minimum of 0.2 metres higher than ARR2019 levels. Localised increases of more than 0.5 metres are predicted in the vicinity of major hydraulic controls (e.g., roadway embankments/culverts) and detention basins. Across the urban overland sections of the catchment, the flood level difference are most commonly less than 0.1 metres.

Accordingly, there are some notable differences between flood behaviour defined under ARR1987 versus ARR2019. However, ARR2019 takes advantage of a greater amount of historic rainfall information and employs that latest available research in defining the design flood estimates. Therefore, it is considered that the flood estimates defined under ARR2019 are reasonable and improve upon the flood estimates provided by ARR1987.

6.5 Climate Change Analysis

Climate change refers to a significant and lasting change in weather patterns arising from both natural and human induced processes. The former Office of Environment and Heritage's *'Practical Consideration of Climate Change'* states that climate change is expected to have adverse impacts on rainfall intensities in the future.

It was considered important to provide an assessment of the potential impact that climate change induced rainfall intensity increases may have on the current flood risk across the study area. In this regard, the results of the 0.5% AEP and 0.2% AEP flood were compared to the results from the 1% AEP flood to gain an appreciation of the impacts of the rainfall increases. The 0.5% AEP rainfall reflects a 9% average increase relative to current 1% AEP rainfall intensities, while the 0.2% AEP rainfall reflects a 23% increase relative to current 1% AEP rainfall intensities. Based on information contained in the NSW Government's Flood Risk Mangement Guideline: *Understanding and Managing Flood Risk* (2023), this is a little lower than the RCP4.5 2090 projection (12.7% increase in rainfall) and the RCP8.5 2090 rainfall projection (26% increase in rainfall). However, it provides an indicative understanding of the sensitivity of existing 1% AEP results to rainfall increases.

Flood level difference mapping was prepared to quantify the impacts that a 9% and 23% increase in rainfall would have on current 1% AEP flood level estimates. The difference mapping was prepared by subtracting the peak 1% AEP flood levels from the 0.5% and 0.2% AEP flood levels. The difference mapping is presented in **Plate 13** and **Plate 14**.

The difference maps in **Plate 13** and **Plate 14** show that the rainfall increases will increase current 1% AEP flood level estimates across most of the catchment. A 8% increase in rainfall is predicted to increase 1% AEP flood levels by at least 0.1 metres along most watercourses. The flood level increases across urban overland flowpaths are most commonly less than 0.05 metres.

Clause 5.21 of the Camden Local Environmental Plan 2010 includes the need to assess the impacts of climate change. In this regard, the results of the climate change assessment should be considered by Council when assessing development applications, particularly in areas located near to major watercourses. If the projected climate change water level increases exceed the nominal freeboard that Council applies, a freeboard can be considered (e.g., adopting a 0.5 metres freeboard in overland flow areas rather than a 0.3 metre freeboard).

The 23% increase in rainfall is predicted to increase existing 1% AEP flood levels by more than 0.1 metres along main watercourse. Flood level increases along urban flow paths are typically contained below 0.1 metres (along roads, the differences are generally less than 0.05 metres).

Accordingly, the outcomes of the climate change assessment show that increases in rainfall associated with climate change have the potential to produce a notable increase in the severity of flooding across the catchment. However, across most of the urbanise sections of the catchment, the impact is less significant.

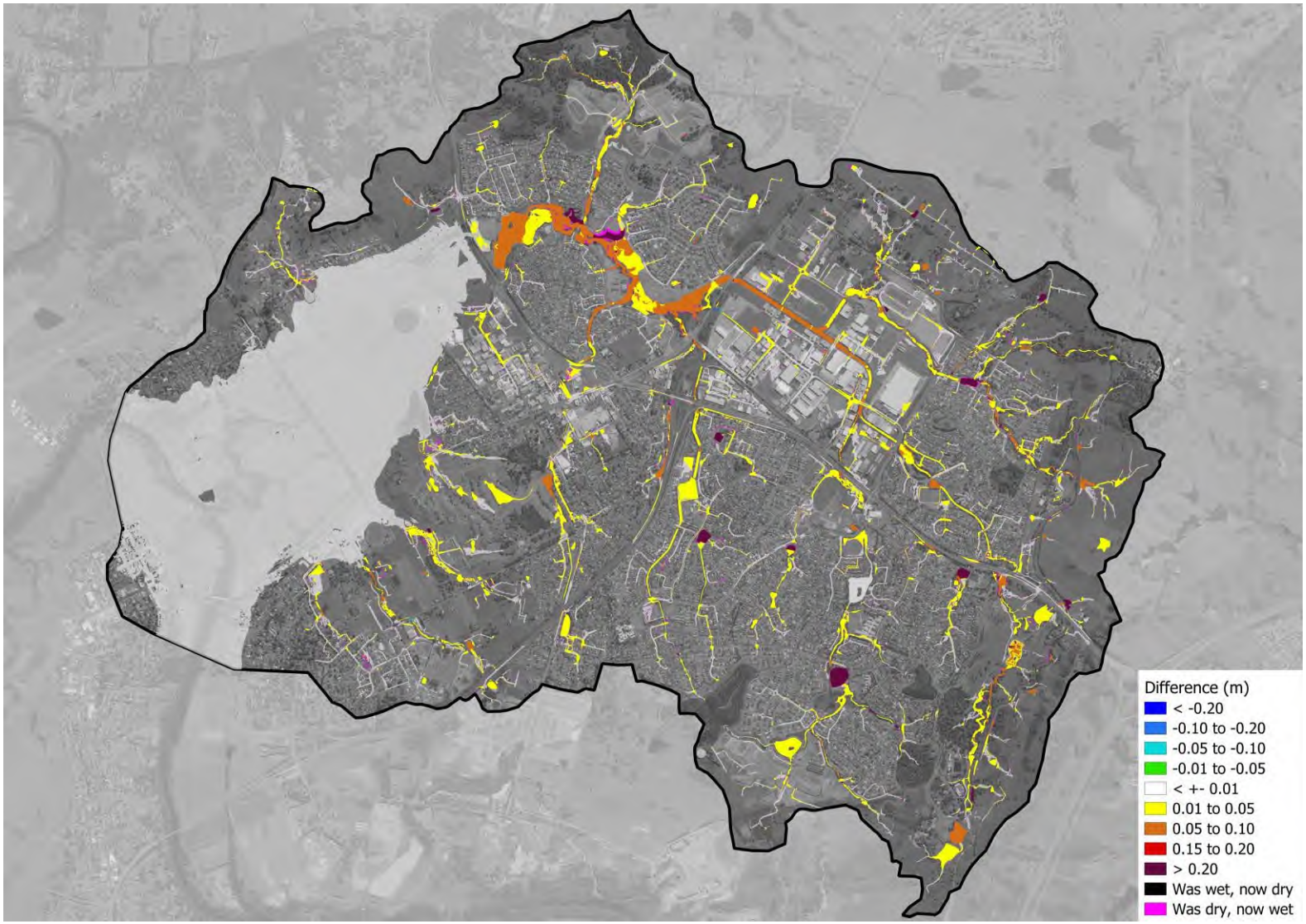

Plate 13 1% AEP Flood level difference map with 9% Increase in rainfall

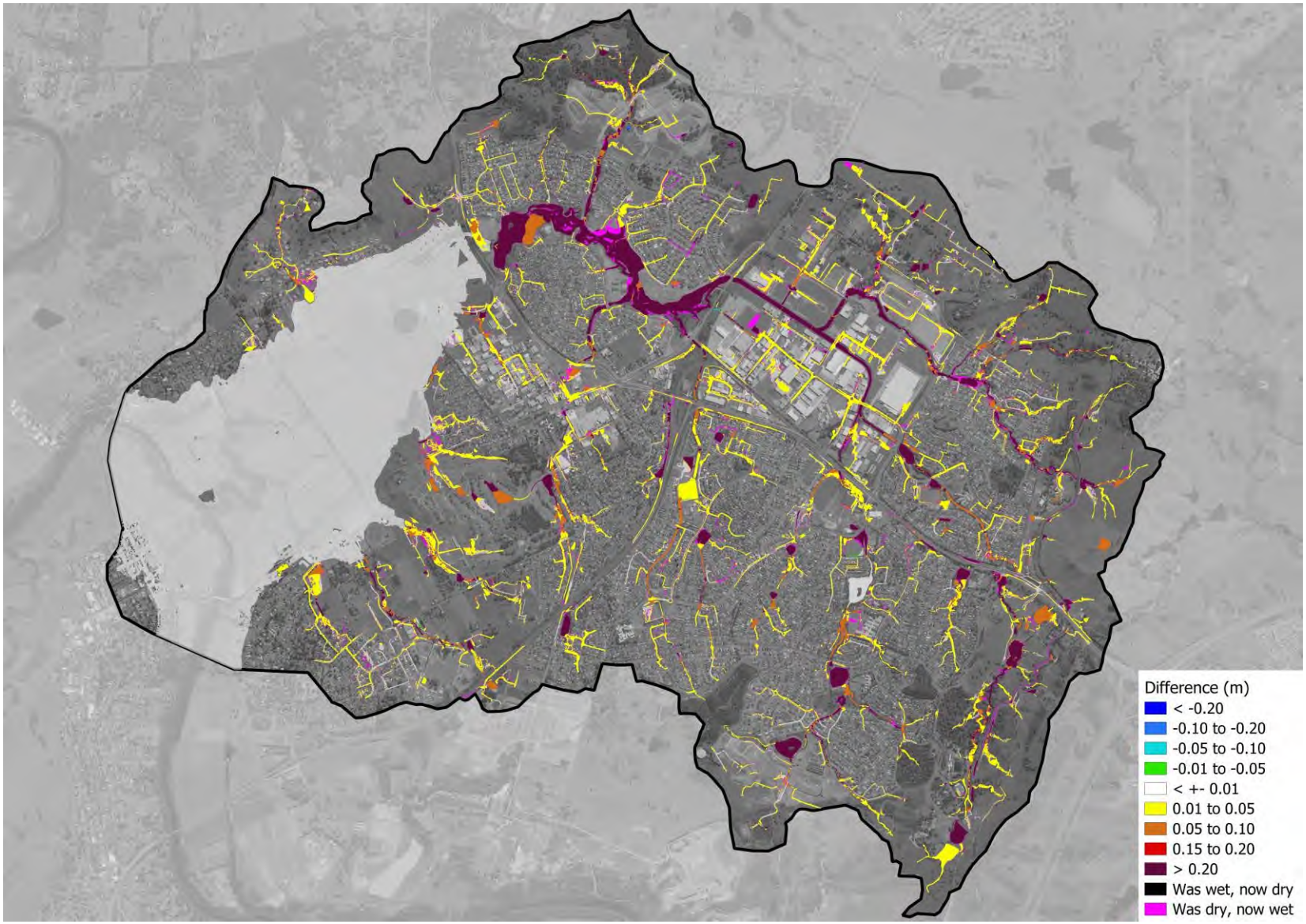

Plate 14 1% AEP Flood level difference map with 23% Increase in rainfall

7 FLOOD PLANNING INFORMATION

7.1 Overview

Appropriate land use planning is one of the most effective measures available to manage the flood risk (particularly to control future risk but also to reduce existing flood risks as redevelopment occurs). A full review of land use planning including appropriate zoning, policies and planning/building controls is typically undertaken as part of the floodplain risk management study.

Nevertheless, *'Australian Disaster Resilience Handbook 7 Managing the Floodplain: A Guide to Best Practice in Flood Risk Management in Australia'* (ADR Handbook 7) (AIDR, 2017) recommends using the best available information to manage the flood risk at all times. Therefore, if a flood study is available that contains relevant information (such as this one), there is no need to wait for the floodplain risk management study before this flood information is used to inform land-use planning. Accordingly, the following chapter outlines the process that was employed to develop flood planning category constraint mapping to assist in informing future land-use planning decisions.

In addition, the results of the flood study can be used to determine the flood planning area and floodplain risk precincts. This information can be used to understand areas with a higher flood risk and, should new development or re-development be suitable for those areas, what controls are applied to ensure the flood exposure/risk is appropriately managed.

7.2 Flood Planning Area

Flood Planning Levels (FPLs) are an important tool in the management of flood risk and are derived by adding a freeboard to the Defined Flood Event (most commonly the 1% AEP flood). The FPLs can then be combined with topographic information to establish the Flood Planning Area (FPA). The FPL and FPA can then be used to assist in managing the existing and future flood risk by:

- Setting design levels for mitigation works (e.g., levees).
- Identifying land where flood-related development controls apply to ensure that new development is undertaken in such a way as to minimise the potential for flood impacts on people and property.

The "freeboard" is a factor of safety that is used to account for uncertainties in deriving the planning flood levels (e.g., wave action, blockage). Camden Council currently specifies a variable freeboard based on whether the location is exposed to mainstream or overland inundation:

- Mainstream flooding = 0.5m freeboard
- Overland inundation = 0.3m freeboard

The mainstream flooding areas were delineated by hand based on whether the floodwater came from a formal watercourse. All other areas located away from the main watercourses were assumed to be impacted by overland inundation.

The 0.5m freeboard was added to the filtered 1% AEP water level results documented in Section 5.4.3 to produce a mainstream flood planning level grid. The mainstream flood planning level grid was then extended laterally until it intersected higher ground. For overland flow areas, no lateral extension of the filtered 1% AEP extent was completed owning to the shallow depth of inundation. The mainstream and overland FPA were subsequently combined to produce the flood planning area shown in **Figure 59**.

Also included on **Figure 59** are "fringing flow" areas. These are areas that are inundated at the peak of the 1% AEP flood but were filtered out at part of the FPA mapping process. They are included to demonstrate the connectivity of flow paths but do not form part of the FPA for the catchment.

7.3 Flood Planning Constraint Categories

Flood planning constraint category mapping was prepared based on guidance provided in the *'Australian Disaster Resilience Guideline 7-5: Flood Information to Support Land-use Planning'* (AIDR 2017). This guideline delineates flood liable land into one of four major "constraint" categories (with several subcategories) based upon key flooding constraints such as flood hazard, flood function and emergency response. The resulting categories can serve to inform land use planning activities. The guideline notes that the categorisation is intended to support community/precinct scale decisions where flow paths and flood extents can be readily defined and was not developed to support change of land use or development at the lot/site scale.

The flood planning constraint categories (FPCC) are summarised in **Table 20**. **Table 20** also summarises how the categories are defined along with the associated planning implication/considerations. In general, a FPCC categorisation of "1" implies a more flood constrained section of land relative to FPCC category "2", and so on.

The categories use a "Defined Flood Event" (DFE), which is analogous to the "planning flood" (i.e., 1% AEP event). It also requires consideration of flood impacts in events rarer than the DFE. The 0.5% AEP event was selected for this purpose.

The information contained in **Table 20** was used with the flood modelling outputs (most notably the flood hazard, hydraulic category and emergency response mapping) to prepare the FPCC map shown in **Figure 60**. Also included on **Figure 60** are the current land use zones to gain an appreciation of how the current zoning aligns with the FPCC.

The FPCC categories presented in **Figure 60** show that current land use zones are broadly compatible with the level of flood exposure. More specifically, the more highly constrained land (i.e., FPCC 1) typically coincides with areas of open space and formal watercourses (e.g., RE1), which is considered to be a compatible land use. The only notable exceptions are:

Table 20 Flood Planning Constraint Categories (AIDR, 2017)

FPCC	Sub-Category	Constraint	Implications	Consideration
1	A	Flow conveyance and storage areas in the DFE	Development or changes to topography within flow conveyance areas and flood storages areas affect flood behaviour, which will alter flow depth or velocity in other areas of the floodplain. Changes can negatively affect the existing community and other property.	The majority of developments and uses have adverse impacts on flood behaviour. Consider limiting uses and development to those compatible with maintaining flood function.
	B	H6 hazard in the DFE	Hazardous conditions considered unsafe for vehicles and people. All building types are considered vulnerable to structural failure.	The majority of developments and uses are vulnerable to failure in this flood hazard category. Consider limiting developments and uses to those that are compatible with flood hazard H6.
2	A	Flow conveyance area in events larger than the DFE	Flow conveyance areas may develop during an event larger than the DFE. People and buildings in these areas may be affected by flowing and dangerous floodwaters.	Consider compatibility of developments and users with rare flood flows in this area.
	B	H5 hazard in the DFE	Hazardous conditions are considered unsafe for vehicles and people, and all buildings are vulnerable to structural damage.	Many uses and developments will be vulnerable to flood hazard. Consider limiting new uses to those compatible with flood hazard H5. Consider treatments such as filling (where this will not affect flood behaviour) to reduce the hazard to a level that allows standard development conditions to be applied. Alternatively, consider a requirement for special development conditions.
	C	Isolated and submerged areas (low flood island in 1%AEP event)	Area becomes isolated by floodwater or impassable terrain, with loss of evacuation route to the community evacuation location. The area will become fully submerged with no flood-free land in an extreme event, with ramifications for those who have not evacuated and are unable to be rescued.	Consequences of isolation and inundation can be severe. Consider the consequences of: • evacuation difficulty or inundation of the area on the development and its users, which may include limitations on land use, or on land use that has occupants who are more vulnerable to disruption and loss • the development on emergency management planning for the existing community, including the need for additional treatments • the development on community flood recovery • disruption or loss of the development on the users and wider community
	D	Isolated but not submerged areas (high flood island in 1%AEP event)	Area becomes isolated by floodwater or impassable terrain, with loss of an evacuation route to a community evacuation location. The area has some land elevated above the extreme flood level. Those not evacuated may be isolated with limited or no services, and will need rescue or resupply until floods recede and roads are passable.	Some developments and their users may be vulnerable to disruption or loss. Consider: • the consequences of disruption or loss of the development on the users and the wider community • limiting land use, or land use that has occupants who are more vulnerable to disruption and loss • additional emergency management treatment requirements • issues associated with the level of support required during a flood, particularly for long-duration flood events
	E	H6 hazard in events rarer than the DFE	Hazardous conditions may develop in an event rarer than the DFE, which may have implications for the development and its occupants.	Consider the need for additional development conditions to reduce the effect of flooding on the development and its occupants.

FPCC	Sub-Category	Constraint	Implications	Consideration
3	-	Outside FPCC 2 but generally below the DFE plus freeboard	Hazardous conditions may exist creating issues for vehicles and people. Structural damage to buildings that meet building standards unlikely because of flooding.	Standard land-use and development controls aimed at reducing damage and the exposure of the development to flooding in the DFE are likely to be suitable. Consider the need for additional conditions for emergency response facilities, key community infrastructure and vulnerable users.
4	-	Outside of FPCC 3 but within the PMF extent	Emergency response may rely on key community facilities such as emergency hospitals, emergency management headquarters and evacuation centres operating during an event. Recovery may rely on key utility services being able to be readily re-established after an event.	Consider the need for conditions for emergency response facilities, key community infrastructure and land uses with vulnerable users.

- A FPCC 1 area extends through multiple R2 residential properties fronting Farmhouse Place, Curran Hills.
- A FPCC 1 area surrounds R2 residential properties fronting Paddy Miller Avenue, Curran's Hill. The properties themselves are classified as FPCC 2 due to access being cut along Paddy Miller Avenue.
- FPCC 1 areas around the Narellan Town Centre.

FPCC 4 is the most dominant category impacting on the catchment. In general, this should not present significant issues for most development types. However, care will need to be exercised for particularly sensitive or important land uses (e.g., hospitals, aged care facilities, preschools).

7.4 Floodplain Risk Precincts

The '*Nepean River Floodplain Risk Management Study and Plan*' (Cardno, 2022) established Floodplain Risk Precincts for the Nepean River (including Narellan Creek). The Precincts allows Council and developers to understand what types of development are suitable across different sections of flood liable land and what controls should apply to development to ensure the flood risk is suitably managed.

The Floodplain Risk Precincts are defined in Appendix E of the '*Nepean River Floodplain Risk Management Study and Plan*' and are reproduced in **Table 21**. Also included in **Table 21** are the criteria used to map each floodplain risk precinct.

As noted in **Table 21**, the flood risk precincts are broken down into two main categories based on whether the inundation is "mainstream" or "overland". For this study, mainstream inundation was defined as inundation resulting from a formal creek/watercourse being overtopped. All other areas subject to inundation located away from the formal watercourses were defined as overland inundation (i.e., inundation from local runoff, travelling through properties and /or roads, before it discharges into a stream, river, estuary, lake, or dam).

The resulting floodplain risk precinct mapping is provided in **Figure 61**.

Table 21 Floodplain Risk Precinct Definitions

Floodplain Risk Precinct		Definition	Adopted Criteria
Mainstream	High Flood Risk	High provisional flood hazard during the 1% AEP flood based on Figure L2 of the Floodplain Development Manual (2005). Also includes areas with significant evacuation difficulties in 1% AEP flood or areas exposed to significant consequences during events larger than the 1% AEP flood.	• Areas within or immediately adjacent to a defined watercourse • ≥H4 in 1% AEP flood • Low flood island in 1% AEP flood • ≥H5 in 0.2% AEP flood
	Medium Flood Risk	Remaining area below the FPL and not defined as 'high' risk.	• Areas within or immediately adjacent to a defined watercourse • Within the FPA (as defined in Section 7.2), but not 'high' risk.
	Low Flood Risk	All remaining areas within the PMF that are not 'high' or 'medium' risk.	• Areas within or immediately adjacent to a defined watercourse • Within the PMF extent but not classified as 'high' or 'medium' risk
Overland	High Flood Risk	Includes all floodway areas and all areas of the floodplain subject to overland flooding with flood depths greater than 0.5m in a 1% AEP event.	• Areas located away from a defined watercourse • Floodway in 1% AEP flood • Depths > 0.5 metres in 1% AEP flood
	Low Flood Risk	Comprises all the remaining areas of the floodplain subject to overland flooding in the 1% AEP event (i.e., with flood depths between 0.3m to 0.5m) and above the 1% AEP event and within the PMF extent.	• Areas located away from a defined watercourse • Within the PMF extent and not classified as 'high' risk

8 CONCLUSION

This report documents the outcomes of investigations that were completed to quantify mainstream and overland flood behaviour across the Narellan Creek catchment. It provides information on design flood discharges, levels, depths and velocities as well as hydraulic and flood hazard categories for a range of design floods.

Flood behaviour across the catchment was defined using two computer models that were developed for the study:

- A hydrologic model of the catchment was developed using the WBNM software. The hydrologic model was used to simulate the transformation of rainfall into runoff and generate discharge hydrographs at various locations across the catchment.
- A hydraulic computer model of the catchment, including the creek and stormwater system, was developed using the TUFLOW software. TUFLOW is a two-dimensional hydraulic software package that takes the discharges hydrographs produced by the hydrologic model and simulates how that flow would move and be distributed across the catchment. It can be used to produce a range of important flood information including floodwater depths and velocities.

The WBNM and TUFLOW models were calibrated using historic rainfall and flooding reports/photos that were provided by the community. The floods that were selected for calibration include events that occurred in 2016 as well as March and July 2022. The outcomes of the calibration showed that the computer models were producing reliable reproductions of each historic flood.

The calibrated models were used to simulate the design 50%, 20% AEP, 10% AEP, 5% AEP, 2% AEP, 1% AEP, 0.5% AEP and 0.2% AEP floods. The Probable Maximum Flood (PMF) was also simulated. The following conclusions can be drawn from the results of the investigation:

- Urban overland flooding typically occurs as a result of short, high intensity rainfall bursts (i.e., storm durations of less than 2 hours). The critical mainstream/creek flooding typically occurs in response to longer durations of rainfall (i.e., up to 6 hours).
- During more frequent floods (e.g., up to and including the 10% AEP event), overland flooding is characterised by shallow water depths that are mostly contained to roads.
- During moderate to larger floods (i.e., up to and including the 1% AEP event), water depths along roads become more significant. A significant number or roads are predicted to experience water depths of at least 0.3 metres, which would typically be sufficient to prevent vehicular movement). Furthermore, several overland flow paths are predicted to form, impacting on private property.
- During extreme floods (i.e., the PMF), nearly 1,400 road segments would be cut. This includes more than 300 roads inundated with more than 1 metre of water. This would result in floodwater extending well beyond the road reserve in many areas resulting in inundation of adjoining properties.

- The results of climate change simulations indicate that if current design rainfall intensities were to increase in the future, most areas in the catchment would be exposed to water level/depth increases of at least 0.1 metres.

9 REFERENCES

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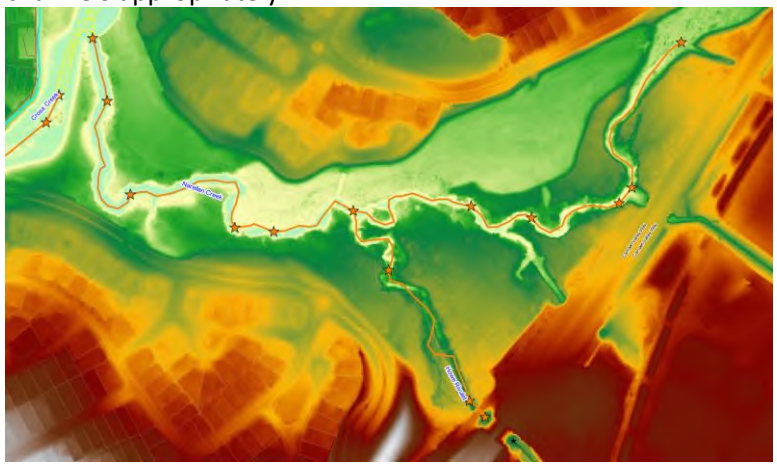
Appendix A

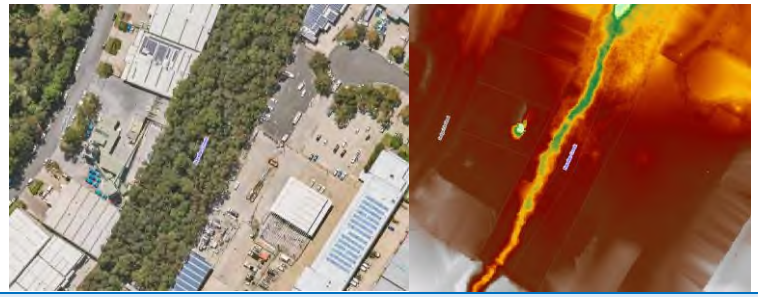
TUFLOW Model Review

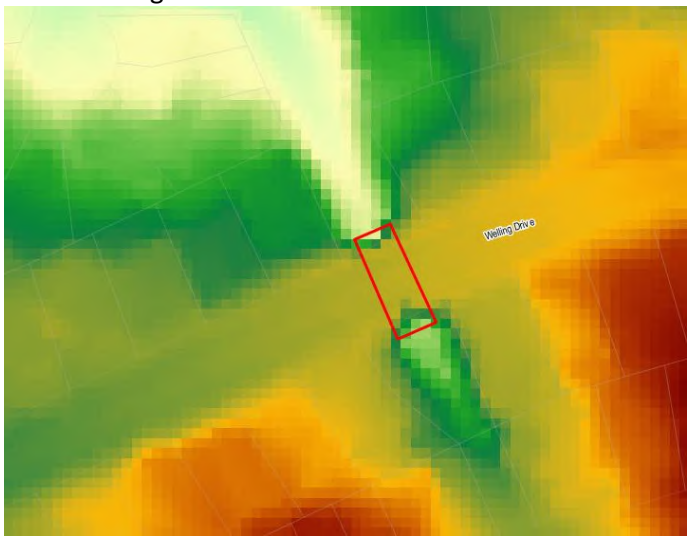
ITEM	REVIEW OBSERVATIONS	COMMENTS/ RECOMMENDATIONS
GENERAL		
Software and Version	• TUFLOW 2016-03-AA-iDP-w64 • Classic Solution Scheme	• A newer TUFLOW release is available (2023-03-AA). However, a legacy version of TUFLOW has been adopted to ensure consistency with the previous modelling / calibration. • TUFLOW HPC solver solution scheme is recommended for this detailed overland flood study. Since natural channels are being represented as 2D topography in the model, sub-grid sampling (SGS) is also recommended to represent the storage and conveyance more accurately within these channels which otherwise would be constrained by the 2D resolution.
MODEL SETUP		

TUFLOW Control and other files	• Folder structure is consistent with the TUFLOW User Manual 2018-03.
	• Run files include *.tcf *.ecf, *.tgc and *.tbc.
	• There are two tcf's that appear to be the latest iteration. One for calibration runs, one for design runs.
	  ○ MHL_NC_24_Des_~e1~_~e2~_~S1~.tcf
	  ○ MHL_NC_23_Cal_~e1~_~e2~_~S1~.tcf
	• A *.tmf is included to assign land use roughness
		• Files and file structure are generally appropriate.
		• All "MHL" references from control files can be removed. The tcf is recommended to be updated to indicate the latest model updates for Narellan Creek Overland Flood Study:
		  ○ NarellanCk_OLFS_~e1~_~e2~_~S1~.tcf
		• There are two mi folders present in the folder structure ("mi" and "MHL_mi"). The runs folder is also named "MHL_runs". All "MHL" reference from folder names can be removed for simplification. All model files from "mi" and "MHL_mi" folders can also be moved to a single "gis" folder to ensure a consistent file structure. All file path references in control files should be updated accordingly to reflect this.

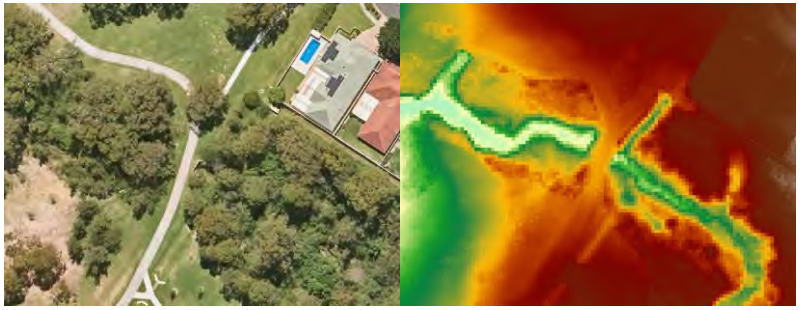
ITEM	REVIEW OBSERVATIONS	COMMENTS/ RECOMMENDATIONS
Timestep	• Timesteps specified in *.tcf and *.ecf files • 2D Model timestep = 0.5 seconds. • 1D Timestep = 0.5 seconds	• 2D timestep is within expected range for a 2m grid size.
MODEL CONFIGURATION		
Model Configuration (1D, 2D or 1D/2D?)	• 1D/2D with 1D elements including culverts and stormwater structures	• Major culverts and trunk drainage is represented. The full stormwater network is not included. • May be overestimating flood extent/levels in some urbanised areas.
2D Grid Size	• 5 metre grid size	• Grid size considered to be too coarse for a detailed overland flood study. A grid size of 2 metres is recommended with a 1m DEM.
EXTENT OF MODEL		
2D Model Extent	• Active 2D domain extent set by: "2d_bc_narellan"	No changes required
BASE TERRAIN DATA (2D)		
Source of DEM data	• Zpts have been created using waterride (as per comment in the tgc) at a 2.5m by 2.5m spacing.	• Latest 2023 LiDAR are available for this study area and it is recommended to adopt the latest LiDAR to reflect new development areas at a nominal 1m resolution to support new TUFLOW SGS feature. • An area around the intersection of Smeaton Grange Rd and Camden Valley Way has some erroneous lower cells near a culvert. The lowest cell is 9.34 mAHD where the surrounding area is 76-78mAHD. It appears from the messages that the cells are lowered to the 1D bed level. This does not impact inundation extents but it does change the depths at this location.

ITEM	REVIEW OBSERVATIONS	COMMENTS/ RECOMMENDATIONS
Supplementary data (e.g., additional survey data acquired for the project, changes to terrain due to roadworks, development, etc) Improved definition of gullies and ridges	• 2d_zsh layer included to enforce natural low points for flow paths and small creeks • 2d_zsh layers included to for various basins throughout the study area • 2d_zsh layers should be retained in the model as the 2023 LiDAR is found to be consistently higher than the surveyed elevation throughout areas with water bodies, indicating inaccurate ground elevations due to TINing across the water surface.	 • 2d_zsh_MHL_terraincorrections_002 do not align well with 2023 LiDAR, refinement of Z shapes is required to represent the channels appropriately.  • Review LiDAR across vegetated channels. If channels are not captured well, detailed channel survey should be requested to collect terrain elevations that can be implemented in the model topography using 2d_zsh.

ITEM	REVIEW OBSERVATIONS	COMMENTS/ RECOMMENDATIONS
		
HYDRAULIC STRUCTURES		

General	• Bridges are modelled in two layers
	  ○ 2d_lfcsh_MHL_narellanbridges_final
	  ○ 2d_lfcsh_MHL_LakeYandelora
	• Stormwater structures are modelled as
	  ○ 1d_nwk_MHL_narellan_pipes_02
	  ○ 1d_nwk_MHL_narellan_pits_02
	• Culverts are modelled as
	  ○ 1d_nwk_MHL_narellan_major_culverts_02_DB
	  ○ 1d_nwk_MHL_LakeYandelora_DB
	  ○ 1d_nwk_MHL_WQMS_DB
	  ○ 1d_nwk_MHL_WandarrahGPT_DB
	  ○ 1d_nwk_MHL_BoydReserve_03_DB
		• Bridges schematisation looks suitable. However, some missing bridges are identified. At some areas with 2d_lfcsh in place, the road crossing is not removed in the DEM.
		 
		• All stormwater inlet pits are modelled as Q type with “Type_2.4” specified as inlet type. It is recommended to assign different pit

ITEM	REVIEW OBSERVATIONS	COMMENTS/ RECOMMENDATIONS
		inlet types referencing specific depth-discharge curves in the pit database to represent various pit capacity. Stormwater pit data from design plans include pit type/description information. However, pits already included in the model do not include any description on the pit type, which will require Streetview/aerial imagery review. • Areas with missing pits and pipes were identified. 1D pits were commonly present at these locations, indicating the presence of stormwater network, but there are no 1D pipes connected to these pits. Additional stormwater information required to ensure overland flow is not overestimated due to the absence of these network. • A few locations with missing culverts were identified. Based on the depth results, deep depths are observed near upstream of the culvert location, indicating water is ponding and overtopping road crossings which is not a correct representation. Some of these

ITEM	REVIEW OBSERVATIONS	COMMENTS/ RECOMMENDATIONS
		culverts are located along main waterways and have significant influence on results. Field measurement of culverts should be obtained and 1D culverts should be included in the model.  • There are multiple culverts layers separated by geographical location. It is recommended to combine all culverts into a single layer which will be easier to update when modelling different blockage scenarios.
Blockage	• Design blockage is applied to culverts (not stormwater pipes) • No pit blockage applied to trunk drainage	• Design blockage is based on ARR 2016 (according to comment in ecf). Blockage looks reasonable however this differs from the Flood Study (i.e., no blockage applied to structure in the flood study). Design blockage also does not vary with AEP (ie. The same level of blockage is applied to all events) and ranges from 0% to 50% blockage. • No blockage has been applied to 2D structures (such as bridges)
LINKAGES BETWEEN 1D AND 2D DOMAINS		
1D/2D Connections	• SX points used for small width 1d elements and SX lines used for wider elements to connect to multiple cells.	• 1D/2D connections are appropriate. However, several larger size 1D culverts are found to be connected to SX points which may be under-representing inlet and outlet capacity of the culvert. SX lines are required to connect 1D culverts to the 2D domain if the culvert

ITEM	REVIEW OBSERVATIONS	COMMENTS/ RECOMMENDATIONS
		width is greater than one 2D cell grid (2 metres).
INITIAL CONDITIONS		
Set up appropriate initial conditions for each event to be modelled.	• Both 1D and 2D IWL set in the tef based on the event simulated in the Nepean River.	• Nepean River event run is "NR_5yr" for all design events. The IWL is 65.5 mAHD for the 1D and 2D domains. • The defined "NR_20yr" IWL is 61.661 mAHD which is lower than the 5yr and 2yr levels defined. This should be updated
BOUNDARY CONDITIONS		
Flow boundary conditions	• Inflows to the TUFLOW model have been defined using SA polygons with flows from a hydrologic model • Nepean River inflows have been defined by a SA polygon.	• SA inflow approach is appropriate. However, more detailed subcatchment breakup is recommended to ensure overland flows are better defined

ITEM	REVIEW OBSERVATIONS	COMMENTS/ RECOMMENDATIONS
Downstream boundary conditions	• The downstream boundary is modelled as a HT boundary.	• The HT relationship is a static water level at 65.5 mAHD for the 5yr event.
FLOWPATH OBSTRUCTIONS AND CONSTRICTIONS		
Buildings	• Buildings have been represented through increase roughness in the materials. This is based on the cadastre 6 types defined: ○ Residential – moderate density ○ Residential – low density ○ Commercial – shopping centre ○ Commercial – high density ○ Industrial – moderate density ○ Industrial – high density	• The roughness Manning's n values are represented as a lot-based average roughness. Delineation of building footprints is recommended to reflect obstruction to overland flow afforded by buildings.
MODEL PARAMETERS		
Roughness (Manning's 'n') values assigned in 2d material layers	• Land use polygons are used to define the material types in the TUFLOW model • 44 roughness (Manning's n) values are assigned within the 2D domain based on land use.	• Land use types were delineated based on LEP zones or lot scale. Detailed remote sensing is recommended for a detailed overland flood analysis. • Material delineation is sufficient along some of the channels (e.g., sections of Narellan Creek near Harington Park). It might be appropriate to retain the material polygons covering these areas and utilise remote sensing for the urbanised areas.
CHECKS, WARNINGS AND ERRORS		
Outputs in the _messages layer	• The _messages layer was checked for the 1% AEP simulation.	• There are a number of warnings or checks. However, there are none that would influence the model results.

ITEM	REVIEW OBSERVATIONS	COMMENTS/ RECOMMENDATIONS
CUMULATIVE MASS ERROR (CME)		
	• As the model uses the Classic computational engine, 2D mass balance error can occur. Review of the overall mass balance errors for the 1% AEP simulation indicates that the cumulative mass balance errors for this simulation is 0.01%	• The TUFLOW model CME is less than the recommended 1% error and is acceptable.

Appendix B

Community Consultation

Camden Council is undertaking an overland flow study of the Narellan Creek Catchment

We are seeking your assistance with the gathering of information about localised flooding

The information shared will help us to:

- Confirm the location of flooding problems and identify where flood mitigation measures (e.g. stormwater upgrades) may be best implemented to reduce the impact of flooding on the community;
- Assist with emergency management and guide future development and re-development so that it is compatible with the flood risk; and
- Guide the development of a computer flood model of Narellan Creek Catchment. This computer model will be used to simulate the movement of floodwater across the catchment for a range of flood sizes.

Please help us out...

People with experience of flooding in the Narellan Creek Catchment are invited to share photos, records, and recollections in the following ways:

- Chat with us at a **community drop-in session** held on Wednesday 21 June 2023 from 1pm to 4pm in Red Gum Meeting Room at Narellan Library, corner Queen and Elyard Streets, Narellan.
- Join an **online information session** on Wednesday 21 June 2023 from 6pm to 7pm. RSVP using the QR code or visit yourvoice.camden.nsw.gov.au
- Complete and return the enclosed survey with the reply paid envelope by 3 July 2023.
- Complete the survey online and submit flood photos and videos by 3 July 2023 by visiting yourvoice.camden.nsw.gov.au.

The survey should only take about 10 minutes to complete. Please try and answer as many questions as you can and give as much detail as possible (attach additional pages if necessary).

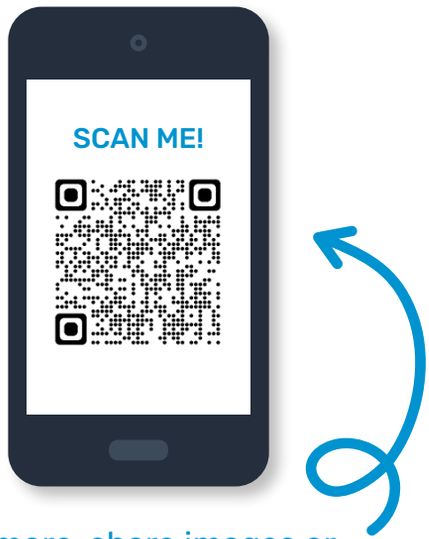
Further Information

Camden Council has engaged flood specialists, Catchment Simulation Solutions, to prepare a detailed overland flow study for the Narellan Creek catchment.

This project is supported by the NSW Government's Floodplain Management Program.

If you have any questions or require assistance with providing information, please contact David Tetley, Catchment Simulations Solutions on 02 8355 5501 or the Floodplain Management Team at Camden Council on 02 4654 7777 or mail@camden.nsw.gov.au.

For translation assistance please contact the Australian Government Translating and Interpreting Service on 131 450 and ask them to ring Camden Council on 02 4654 7777.



Learn more, share images or complete the survey online at **yourvoice.camden.nsw.gov.au** - or scan the QR code.

camden council

1. **Please identify the property you are providing flood information about:**

Property address:

Suburb:

2. **What type of property is this?**

- ☐ Residential
- ☐ Commercial
- ☐ Industrial
- ☐ Vacant Land
- ☐ Other (please specify below):

3. **What is the occupier status of this property?**

- ☐ Owner occupied
- ☐ Rental property
- ☐ Business
- ☐ Other (please specify below):

4. **How long have you lived, worked or owned property in the area?**

At this address:

In the general area:

5. **Has this property ever been affected by flooding?**

☐ Yes ☐ No ***(go to Question 8)***

6. **How were you affected by flooding?**

- ☐ Roadway was cut by water
- ☐ My front/back yard was flooded
- ☐ My garage was flooded
- ☐ My house/business was flooded above floor level
- ☐ Other (please specify below):

7. **Please share your recollection or records on past floods.**

Flood #1

Date of flood:

- ☐ July 2022
- ☐ March 2022
- ☐ March 2021
- ☐ June 2016
- ☐ January 2013
- ☐ February 2008
- ☐ February 2007
- ☐ Other (please specify)

Describe the flood water depth/height and location:

How confident are you of your depth/height of flood description?

- ☐ High confidence (exact record)
- ☐ Medium confidence (within 10cm)
- ☐ Low confidence (within 50cm)

If your property was damaged by flood waters, please provide details:

In your opinion, what were the main causes of the flooding (you can select more than one)?

- ☐ Insufficient creek capacity
- ☐ Insufficient stormwater capacity
- ☐ Blockages of creeks, stormwater inlets, bridges or drains
- ☐ Overland flow impediments (e.g. fences, buildings)
- ☐ Other (please specify below)

Please attach additional pages if you have information for more than two floods.

Flood #2

Date of flood:

- ☐ July 2022
- ☐ March 2022
- ☐ March 2021
- ☐ June 2016
- ☐ January 2013
- ☐ February 2008
- ☐ February 2007
- ☐ Other (please specify)

Describe the flood water depth/height and location:

How confident are you of your depth/height of flood description?

- ☐ High confidence (exact record)
- ☐ Medium confidence (within 10cm)
- ☐ Low confidence (within 50cm)

If your property was damaged by flood waters, please provide details:

In your opinion, what were the main causes of the flooding (you can select more than one)?

- ☐ Insufficient creek capacity
- ☐ Insufficient stormwater capacity
- ☐ Blockages of creeks, stormwater inlets, bridges or drains
- ☐ Overland flow impediments (e.g. fences, buildings)
- ☐ Other (please specify below)

Please attach additional pages if you have information for more than two floods.

8. Do you have any other comments, information or suggestions you think may assist the study?

8. Can we contact you to obtain additional information and/or clarify any of your responses?

☐ Yes ☐ No

Contact Details:

Providing contact details is optional but will assist us in identifying where flooding problems have been experienced and to contact you if we need to clarify any of your responses.

If you choose to provide contact details this information will remain confidential at all times and will not be published.

Name:

Address:

Phone Number:

Email Address:

Please return the completed survey by Monday 3 July 2023 via the reply paid envelope provided.

To complete the survey online, scan the QR code located on the front page of this survey.

Frequently Asked Questions (FAQ)

Why is the flood study needed?

Flooding is the most costly form of natural disaster in Australia, causing an estimated $314 million worth of damage each year. It is also one of the most manageable natural disasters as we can reasonably predict which areas it will impact.

During most rainfall events, runoff is carried by stormwater systems into various creeks. However, during periods of heavy rainfall, there is potential for the capacity of the stormwater system (underground pipes) to be exceeded and lead to overland flooding. Overland flooding was recently experienced across parts of the catchment in February 2020, March 2021, March 2022, and July 2022.

Overland flooding can cut roadways and inundate properties. This can result in damage to homes, sheds, and businesses, can place lives at risk and impose a significant financial and emotional burden on individuals and businesses.

What flood studies have already been prepared?

Camden Council has completed a range of flood-related investigations including the Updated Narellan Creek Flood Study (2017) which represented major trunk drainage pipes. The full stormwater system was not included and, as a result, overland flooding was not well represented. Large areas of the catchment have also undergone significant development meaning the previous studies no longer provide the best possible understanding of the flood risk across all parts of the catchment.

Learn more, share images or complete the survey online at **yourvoice.camden.nsw.gov.au** - or scan the QR code.

Who is preparing the study?

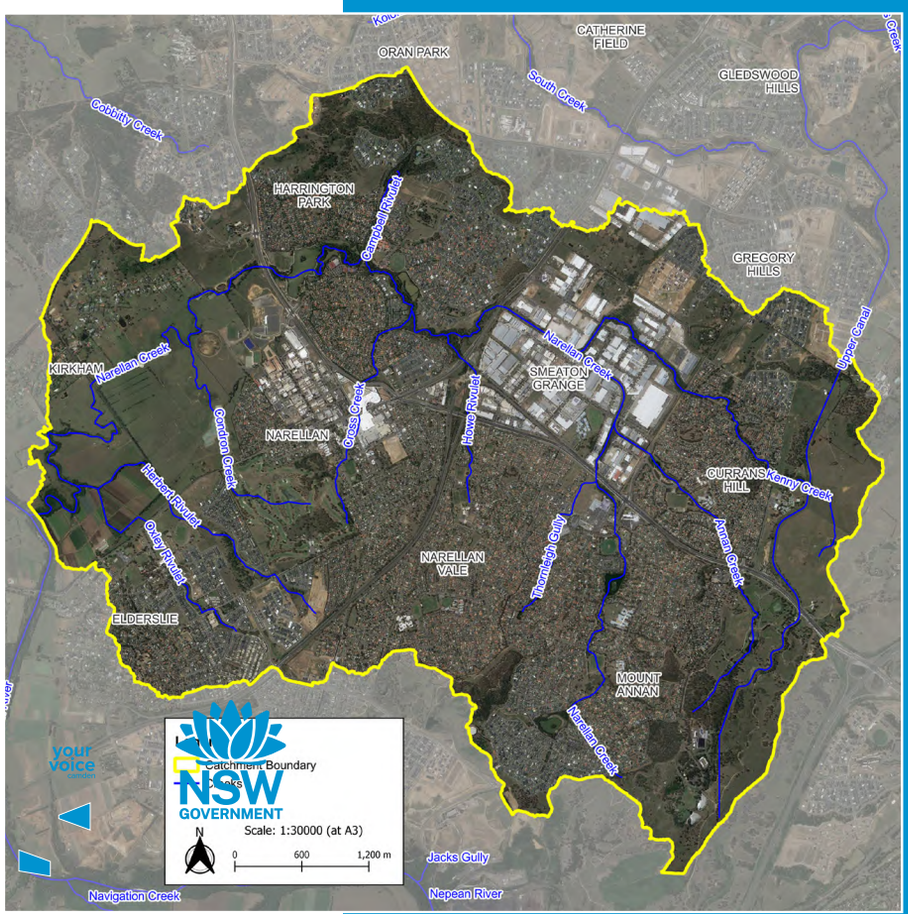
Council has engaged specialist flooding consultant, Catchment Simulation Solutions, to provide an updated and more detailed understanding of mainstream, overland and local drainage as well as provide a range of flood maps and outputs to assist Council in better understanding the nature and extent of the flood risk.

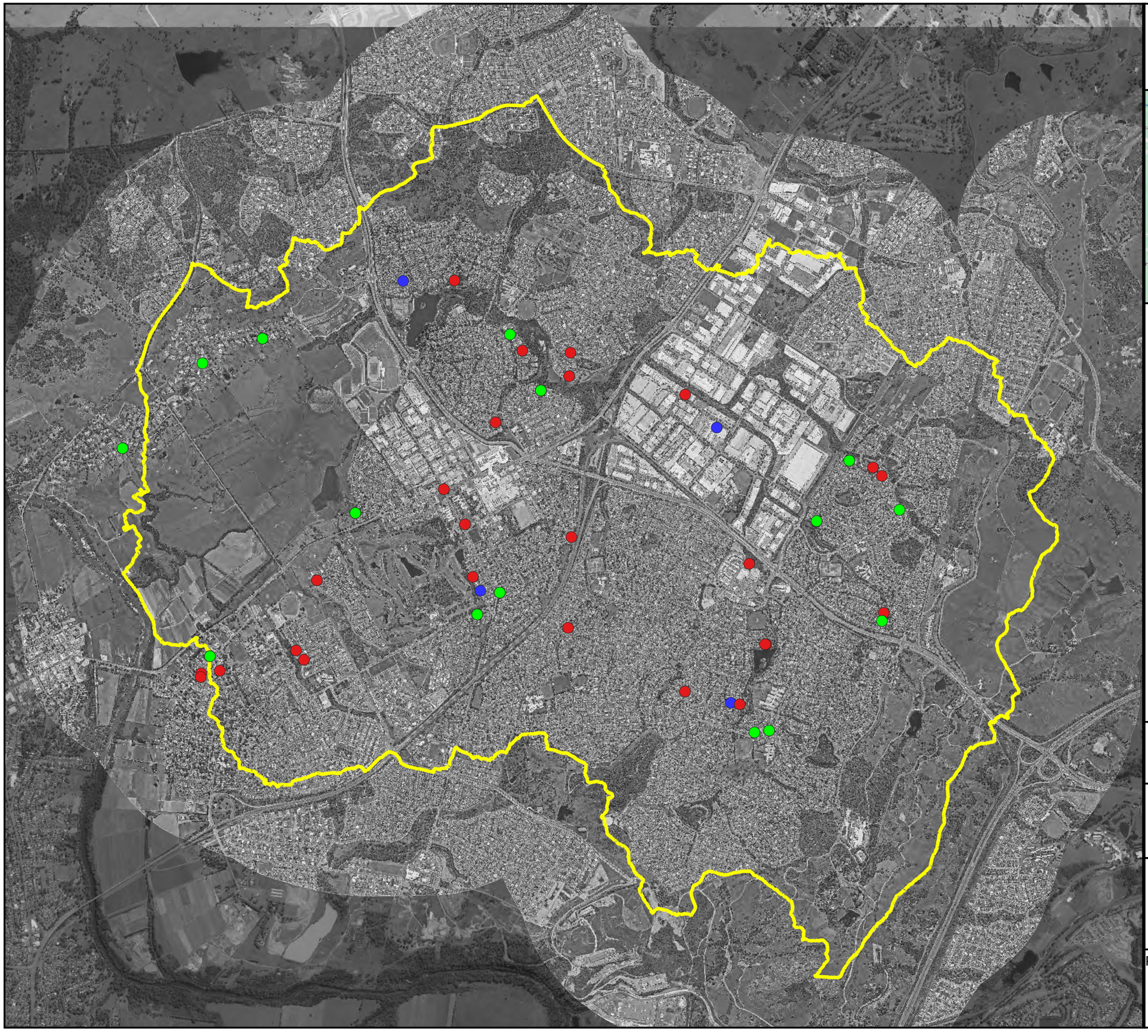
What areas does the Narellan Creek Catchment cover?

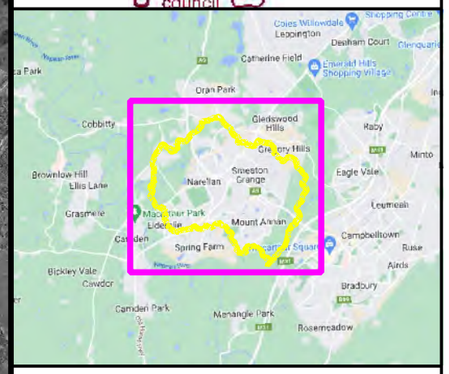
Narellan Creek catchment covers an area of 35km² and includes the suburbs of Narellan, Narellan Vale, Mount Annan and parts of Harrington Park, Gregory Hills, Kirkham and Elderslie. The extent of the catchment is shown in the image below.

The catchment includes Narellan Creek as well as the following tributaries:

- Oxley Rivulet;
- Herbert Rivulet;
- Condron Creek;
- Campbell Rivulet;
- Cross Creek;
- Howe Rivulet;
- Thornleigh Gully;
- Annan Creek; and
- Kenny Creek.







LEGEND

Catchment Boundary

Questionnaire Response Locations

Has flooding been experienced?

- Yes
- No
- No response

Notes:
Aerial photograph: NSW Six Map

N

Scale: 1:30,000 (at A3)

0 600 1,200 m

Spatial Distribution of Questionnaire Responses

Prepared by:

Catchment Simulation Solutions
Suite 1, Level 10, 70 Phillip St
Sydney, NSW, 2000

File Path: T:\~Projects\J666 - Narellan Creek FS\Figures\QGIS\J666 - Narellan Creek FS_Plates.qgz

Community Questionnaire Responses - Overland Flow Study for the Narellan Creek Catchment

#	What type of property is this?		What is the occupier status of the property		How long have your lived, worked or owned property in area?		Has your property ever been affected by flooding?	How were you affected by flooding?						Please share you recollection or records of past floods				In your opinion, what were the main causes of the flooding						Do you have any other comments, information or suggestions you think may assist the study?	Can we contact you to obtain additional information and/or clarfiy any of your responses?
		Please Specify		Please Specify	At this address	In the general area?		Roadway was cut by water	My front/ back yard was flooded	My garage was flooded	My house/ business was flooded above floor level	Other	Please specify	Date of floods	Describe the water depth/height	How confident are you of your depth/height of the flood description	If your property was damaged by flood waters, please provide details	Insufficient creek capacity	Insufficient stormwater capacity	Blockages of creeks, stormwater inlets, bridges or drains	Overland flow impediments (e.g. fences, buildings)	Other	Please specify		
1	Residential		Owner Occupied		25 years	25 years	Yes		X			X	Side of house	Jul-22	7 inches high on right hand side of house	Low (within 50cm)					X	Insufficient drain		Yes
														Mar-22	7 inches high on right hand side of house	Low (within 50cm)					X	Insufficient drain		
														Mar-21	7 inches high on right hand side of house	Low (within 50cm)					X	Insufficient drain		
2	Residential		Owner Occupied		43 years		Yes		X	X				Jun-16	100 mm water in the backyard, with the same in the garage	High (exact record)	Apart from electrical equipment kept in the garage, nothing else.		X			X	Run off water from other houses	I understand that our problem is very minor if compared with others who have suffered a lot more than us, but as my wife and I are both in our 70s, it is a very big worry and stress. We have neighbours who may of done the wrong thing in building sheds and constructed concrete slabs the wrong way with no slope. We are scared to complain.	Yes
														Mar-21	50mm in the backyard and 50mm in the front yard	Medium (within 10cm)	No damage except mud and cleaning up area		X			X	Run off from outside our house		
3	Residential		Owner Occupied		17 years	33 years	No																	The Harrington Park Lake is consistently contaminated with what appears to be blue/green and red algae often with a foul smell and unsightly putrid looking water. Nevertheless drainage of the water in times of heavy rain appears to be currently sufficient.	Yes
4	Residential		Owner Occupied		21 years	21 years	Yes	X						Severe storm events rather than "Floods"	Water across driveway area up to postbox 50cm at gutter	High (exact record)	NIL Damage		X					Water level rose from out of road drain + stormwater system	Yes
														Jul-22	Water over road of up driveway to mailbox 60cm	High (exact record)	NIL Damage		X			X	Once immediate heavy rain, stopped water drained away within 10 minutes		
5	Residential		Owner Occupied		12 years	12 years	Yes	X						Jun-16	Top of the gutter	Medium (within 10cm)			X	X				Stormwater has escape from the outlet across the lane on several occassions. I have contacted the staff at Sydney Water on several occasions regarding this.	Yes
														Jul-22	Top of the gutter	Medium (within 10cm)			X	X					
6	Residential		Owner Occupied		13 Years	13 Years	No																		Yes
7	Residential		Owner Occupied		23 Years	23 Years	Yes	X	X					Jun-16	100mm in the backyard , 50mm side yard - water half way up the driveway	High (exact record)			X	X		X	Leaf litter from council owned trees streets not clean in 12 months	Council is extremely negligent in not cleaning streets/ gutters/ stormwater inlets and drain	Yes
8	Residential		Owner Occupied		35 Years		No																		Yes
9	Residential		Owner Occupied		4 Years	15 Years	Yes	X		X				Mar-22			Roof leaks, Gutter blocked, no escape for overflow water	X	X						No
10	Residential		Owner Occupied		1.5 Years	1.5 Years	No																	N/A	No
11	Residential		Owner Occupied		3.5 Years		No																	In the 3.5 years I've lived here, on two occasions water has come onto the road at intersection of Tiffen and Denison	
12	Residential		Owner Occupied		7+ Years		Yes				X			Mar-22	Bathroom and ensuite. Water height was about 5cm and subject to the bathroom floor only	Medium (within 10cm)	Property was not damaged as the sewage/ water remained in the bathroom and a little bit flooding on to the carpet on the ensuite		X	X		X	Im honestly not sure	I cant recall if it was just March 2022 but with all the heavy rain, we occasional had both toilets and sinks in the bathrooms and kitchen bubbling and making noises with all the rain	Yes
13	Residential																Not damaged. Bay flood								
14	Residential		Owner Occupied		8 Years	11 Years	Yes	X						Jun-16	On Farmwater Dri of O'Meally Place 70cm	Medium (within 10cm)		X		X				Despite probably heavier rain since the June 2016 flood, there has not been the same impact. I believe work done to clear the creek and other flood mitigation prevented subsequent flooding	Yes
15	Residential		Owner Occupied		7 Years		No																	We have a creek that floods over the paddock opposite our house	Yes
16	Residential		Owner Occupied		20 Years	27 Years	No																	No	Yes
17	Residential		Owner Occupied		26 Years		No																		Yes
18	Residential		Owner Occupied		6 Years	9 Years	Yes	X	X		X		Roadway- Mangrove Bridge, Kirkham Lane, Cobbitty Road. Above level flood- Due to overland/stormwater runoff	Jul-22		High (exact record)	Heavy runoff from neighbouring property - flooded inn lowel level of house, back paddock flooded	X	X	X	X			Improve drainage between houses in Camelot Close and Caernavon Close, add easement to stop homes flooding .Number 19 and 17 have flooded due to fall of land	Yes
														Mar-22		High (exact record)	Heavy runoff from neighbouring property - flooded inn lowel level of house, back paddock flooded	X	X	X	X				
19	Residential		Owner Occupied		5 Years		No																		No
20	Residential		Owner Occupied		16 Years	16 Years	No																		No
21	Residential		Owner Occupied		12 Years	35 Years	Yes	X	X					Mar-22	Water covered Lodges Road at the Cross Creek rising into our frontyard. Sewer manhole inside our front gate lifted with water coming out	Low (within 50cm)			X	X					Yes
														Mar-21	Water covered Lodges Road at the Cross Creek rising into our frontyard. Sewer manhole inside our front gate lifted with water coming out	Low (within 50cm)			X	X					
22	Other	Resid/ Home business	Business		12 Years	43 Years	No																		Yes
23	Residential		Owner Occupied		8 Years	8 Years	Yes	X	X		X			Jul-22	Over the road -200mm; my backyard/shed -40mm	Medium (within 10cm)	Rising damp/ mould	X	X	X				Clearing Kenny Creek riverbed of weed s/ vegetation. Allow water to flow downstream	Yes
														Mar-21	Over the road -200mm; my backyard/shed -50mm	Medium (within 10cm)	Rising damp/ mould	X	X	X					

#	What type of property is this?		What is the occupier status of the property		How long have your lived, worked or owned property in area?		Has your property ever been affected by flooding?	How were you affected by flooding?						Please share you recollection or records of past floods				In your opinion, what were the main causes of the flooding						Do you have any other comments, information or suggestions you think may assist the study?	Can we contact you to obtain additional information and/or clarfiy any of your responses?
		Please Specify		Please Specify	At this address	In the general area?		Roadway was cut by water	My front/ back yard was flooded	My garage was flooded	My house/ business was flooded above floor level	Other	Please specify	Date of floods	Describe the water depth/height	How confident are you of your depth/height of the flood description	If your property was damaged by flood waters, please provide details	Insufficient creek capacity	Insufficient stormwater capacity	Blockages of creeks, stormwater inlets, bridges or drains	Overland flow impediments (e.g. fences, buildings)	Other	Please specify		
24	Residential		Owner Occupied		2 Years	15 Years	No																	The park down the Kirkham bmx tracks need to be the soft ground instead of bark	Yes
25	Residential		Owner Occupied		19 Years		No																		
26	Residential		Owner Occupied		8 Years		No																	No	Yes
27	Residential		Owner Occupied		15 Years	35 Years																		No	Yes
28	Residential		Owner Occupied		7 Years	8.5 Years	Yes	X	X	X				Jul-22	Rear property in shed + property	Medium (within 10cm)			X						Yes
														Mar-22	Rear property in shed + property	Medium (within 10cm)			X						
29	Industrial		Business		14 Years	24 Years	No																		No
30	Residential		Owner Occupied		22 Years	22 Years	No																		Yes
31	Residential		Owner Occupied		64 Years	64 Years	No																	No	Yes
32	Residential		Owner Occupied		21 Years	21 Years																		While the council does a great job of regular street cleaning, it would be good if the drains could be cleaned of any debris (especially the ones near to trees). It seems that some of the residents do not attend to this matters.	Yes
33	Commercial	Industrial	Owner Occupied	Not for profit organisation	20 Years																				Yes
34	Residential		Owner Occupied		14 Years	21 Years	No							Jul-22	Creek directly opposite our house overflowed in several occasions	Medium (within 10cm)				X			Fallen trees & debris blocked the flow into Harrington Lake	Concerned about the extent of development in Smeaton Grange creating more run-off into Narellan Creek then through Harrington Park. Concerned that creeks are not regularly cleared of fallen trees debris	Yes
														Mar-22	Creek directly opposite our house overflowed in several occasions	Medium (within 10cm)				X			Fallen trees & debris blocked the flow into Harrington Lake		
														Jun-16	Fairwater Drive was cut off. Barricades by SES couldn't return to our house until water sudsided	Medium (within 10cm)				X					
35	Residential		Owner occupied		Over 8 years	Over 8 years	Yes	X						Jun-16	Wandarrah reserve overflowed and cut Welling Drive for a few hours.					X				I have lived opposite Wandarrah Reserve since about 2006. In that time I have only seen the field/water retention area fill up high on the embankment a few times, and only once has it overflowed. Usually it fills the field and goes away again pretty quickly.	Yes
36	Residential		Owner occupied		Over 8 years	Over 8 years	Yes		X					Mar-21	I front garden. Lawmen was like a pool, not sure how high but could not walk on it with shoes	Medium confidence (within 10cm)	Storme water sewerage damaged and some part of the land in the back fallown down and creat a big hotel				X	I don't know		Yes
														Jul-22	Front yard and the house entrance covered with water	Medium confidence (within 10cm)	Most front garden plants washed out and died				X	Don't know. Too much rain		
37	Residential		Owner occupied		Over 8 years	Over 8 years	No																		No
38	Residential		Owner occupied		1-3 years	1-3 years	No																	Storm waterway works well	No
39	Residential		Owner occupied		Over 8 years	Over 8 years	No																	At the back of our residence is Cross Creek adjacent to Camden Golf course. Having lived here since 1979 it has been noticeable that more recently it only takes a small downpour and there is a raging torrent that comes very close to our rear fence. This has caused major erosion to the dam banks and near areas. This will keep on getting worse until it has been remedied. I have raised this with Council officers in the past but there appears to be no action taken to date.	Yes
40	Residential		Owner occupied		Over 8 years	Over 8 years	No																	There is a natures strip behind my property that is a run off from Narellan creek. When we have sudden and large rainfall this area floods. Sometimes up to 2 metres of water accumulates. It subsides quickly but is still a concern.	Yes
41	Residential		Owner occupied		4-7 years	4-7 years	No																		No
42	Residential		Owner occupied		Over 8 years	Over 8 years	No																	Need to implement ways to stop trolleys continually being dumped in the waterways eg ability where the wheels lock once they go past a certain distance from the store like Coles Mt Annan. It blocks up the waterways in certain areas and in heavy rain the water builds up behind it.	Yes
43	Residential		Owner occupied		4-7 years	4-7 years	No																	None	Yes
44	Residential		Owner occupied		1-3 years	4-7 years	No																	No	Yes
45	Residential		Owner occupied											Mar-22	From backfence to first marker - 174m (level height from 1st marker to 3rd marker is approx 700mm high)										Yes
														Apr-22	6m further up the paddock										
														Jul-22	further 8.8m up the paddock										

Appendix C
WBNM Inputs

WBNM INPUT PARAMETERS

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_1	4.11	0%	0.00	0.33
NC_2	2.67	1.46%	0.04	1
NC_3	1.62	15.88%	0.26	0.33
NC_4	2.10	4.62%	0.10	1
NC_5	2.75	55.79%	1.53	0.33
NC_6	2.06	53.86%	1.11	0.33
NC_7	3.51	49.43%	1.73	0.33
NC_8	2.86	1.44%	0.04	1
NC_9	3.01	53.69%	1.62	1
NC_10	3.14	45.59%	1.43	1
NC_11	2.22	55.84%	1.24	0.33
NC_12	2.62	33.18%	0.87	1
NC_13	2.03	7.98%	0.16	1
NC_14	2.12	53.03%	1.12	0.33
NC_15	2.54	3.38%	0.09	1
NC_16	2.01	42.06%	0.85	1
NC_17	2.05	4.52%	0.09	1
NC_18	2.19	52.82%	1.16	0.33
NC_19	2.23	5.75%	0.13	1
NC_20	2.09	0.57%	0.01	1
NC_21	2.20	21.52%	0.47	1
NC_22	2.21	20.38%	0.45	1
NC_23	2.21	3.13%	0.07	1
NC_24	2.08	24.12%	0.50	1
NC_25	2.78	46.95%	1.31	1
NC_26	2.08	12.94%	0.27	1
NC_27	2.17	62.47%	1.36	0.33
NC_28	2.28	46.54%	1.06	1
NC_29	3.24	48.69%	1.58	1
NC_30	2.01	0.20%	0.00	0.33
NC_31	2.03	5.51%	0.11	1
NC_32	2.24	18.22%	0.41	0.33
NC_33	2.15	5.33%	0.11	1
NC_34	2.94	4.92%	0.14	0.33
NC_35	3.30	14.80%	0.49	1
NC_36	2.54	13.58%	0.35	0.33
NC_37	2.09	39.48%	0.83	0.33
NC_38	2.25	59.61%	1.34	0.33
NC_39	2.42	14.77%	0.36	1
NC_40	2.32	7.21%	0.17	1
NC_41	2.30	48.59%	1.12	1
NC_42	1.22	31.14%	0.38	1
NC_43	2.35	39.62%	0.93	0.33
NC_44	2.00	45.16%	0.90	0.33

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_45	2.62	49.20%	1.29	0.33
NC_46	2.34	6.09%	0.14	1
NC_47	3.03	54.22%	1.64	0.33
NC_48	2.10	58.62%	1.23	0.33
NC_49	3.84	9.52%	0.37	1
NC_50	2.51	2.77%	0.07	1
NC_51	2.47	51.37%	1.27	0.33
NC_52	3.06	47.91%	1.47	1
NC_53	2.27	9.76%	0.22	0.33
NC_54	2.25	54.36%	1.22	0.33
NC_55	2.00	34.03%	0.68	1
NC_56	2.01	51.43%	1.03	1
NC_57	3.25	34.84%	1.13	1
NC_58	2.13	47.94%	1.02	1
NC_59	3.02	47.06%	1.42	1
NC_60	2.01	48.14%	0.97	0.33
NC_61	2.69	25.22%	0.68	1
NC_62	2.86	19.25%	0.55	0.33
NC_63	2.10	52.11%	1.09	0.33
NC_64	2.01	31.95%	0.64	1
NC_65	2.81	63.51%	1.78	0.33
NC_66	2.16	55.39%	1.20	0.33
NC_67	2.00	49.16%	0.98	1
NC_68	2.07	61.73%	1.28	0.33
NC_69	2.19	55.72%	1.22	1
NC_70	2.02	46.11%	0.93	1
NC_71	2.00	42.64%	0.85	1
NC_72	2.08	45.79%	0.95	0.33
NC_73	2.62	50.77%	1.33	1
NC_74	2.02	14.76%	0.30	1
NC_75	1.96	52.48%	1.03	0.5
NC_76	0.39	51.38%	0.20	0.33
NC_77	0.78	45.78%	0.36	0.33
NC_78	0.72	11.77%	0.08	0.33
NC_79	2.68	47.60%	1.28	0.33
NC_80	3.27	17.93%	0.59	0.33
NC_81	2.06	33.46%	0.69	1
NC_82	2.23	26.89%	0.60	1
NC_83	2.36	67.47%	1.59	0.33
NC_84	2.73	41.45%	1.13	1
NC_85	2.09	24.17%	0.51	1
NC_86	1.73	58.34%	1.01	0.33
NC_87	3.11	63.61%	1.98	0.33
NC_88	1.07	46.44%	0.50	0.33
NC_89	2.00	1.36%	0.03	1
NC_90	1.71	51.66%	0.88	0.33

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_91	2.02	42.61%	0.86	0.33
NC_92	2.09	29.63%	0.62	1
NC_93	2.95	26.96%	0.80	1
NC_94	2.69	50.32%	1.35	0.33
NC_95	2.13	46.17%	0.98	0.33
NC_96	2.67	44.09%	1.18	0.33
NC_97	2.09	40.55%	0.85	0.33
NC_98	2.05	56.30%	1.15	0.33
NC_99	3.62	59.74%	2.16	0.33
NC_100	2.53	35.46%	0.90	0.33
NC_101	2.00	42.88%	0.86	0.33
NC_102	2.83	36.18%	1.02	1
NC_103	2.10	48.82%	1.03	1
NC_104	2.05	10.12%	0.21	0.33
NC_105	2.17	45.23%	0.98	0.33
NC_106	2.00	50.01%	1.00	0.33
NC_107	2.01	34.54%	0.69	1
NC_108	2.66	38.15%	1.01	0.33
NC_109	3.04	55.42%	1.68	0.5
NC_110	2.13	52.51%	1.12	0.33
NC_111	2.00	61.57%	1.23	0.33
NC_112	2.66	2.39%	0.06	1
NC_113	2.81	54.21%	1.52	0.33
NC_114	2.37	44.01%	1.04	0.33
NC_115	2.02	6.80%	0.14	1
NC_116	2.41	55.17%	1.33	0.33
NC_117	2.19	49.54%	1.08	0.33
NC_118	2.27	9.49%	0.22	0.33
NC_119	2.53	55.12%	1.39	0.33
NC_120	4.77	30.17%	1.44	1
NC_121	2.01	3.63%	0.07	1
NC_122	2.03	46.00%	0.93	0.33
NC_123	2.30	3.08%	0.07	1
NC_124	4.13	36.73%	1.52	0.5
NC_125	2.06	66.69%	1.37	0.33
NC_126	2.04	57.48%	1.17	1
NC_127	2.45	41.45%	1.02	0.33
NC_128	2.59	51.32%	1.33	0.33
NC_129	3.28	12.78%	0.42	0.33
NC_130	2.21	46.05%	1.02	0.33
NC_131	2.27	4.58%	0.10	0.33
NC_132	2.00	39.14%	0.78	0.33
NC_133	1.72	43.59%	0.75	0.33
NC_134	2.22	49.94%	1.11	0.33
NC_135	2.01	1.44%	0.03	1
NC_136	2.00	55.80%	1.12	0.33

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_137	2.00	6.59%	0.13	1
NC_138	2.20	50.67%	1.11	0.33
NC_139	2.57	0.02%	0.00	1
NC_140	2.94	49.12%	1.44	0.33
NC_141	2.00	60.08%	1.20	0.33
NC_142	2.00	67.17%	1.34	0.33
NC_143	2.05	7.81%	0.16	1
NC_144	2.04	43.48%	0.89	0.33
NC_145	2.48	26.14%	0.65	1
NC_146	2.74	46.86%	1.28	0.33
NC_147	2.84	53.47%	1.52	0.33
NC_148	2.32	63.27%	1.47	1
NC_149	2.29	54.37%	1.25	0.33
NC_150	2.00	52.80%	1.06	0.33
NC_151	1.20	45.56%	0.55	0.33
NC_152	3.54	11.19%	0.40	1
NC_153	2.32	0.88%	0.02	1
NC_154	2.27	38.58%	0.88	1
NC_155	2.12	59.68%	1.27	0.33
NC_156	3.77	14.15%	0.53	0.33
NC_157	2.57	59.17%	1.52	0.33
NC_158	2.10	42.88%	0.90	1
NC_159	2.12	58.26%	1.24	0.33
NC_160	2.64	49.70%	1.31	0.33
NC_161	2.03	52.85%	1.07	0.33
NC_162	2.00	42.92%	0.86	0.33
NC_163	2.12	51.53%	1.09	0.33
NC_164	3.18	47.75%	1.52	0.33
NC_165	2.01	56.58%	1.14	1
NC_166	0.81	54.60%	0.44	0.33
NC_167	2.76	47.86%	1.32	0.33
NC_168	2.02	50.34%	1.02	0.33
NC_169	3.64	54.43%	1.98	0.33
NC_170	2.57	41.11%	1.06	0.33
NC_171	2.05	40.74%	0.84	0.33
NC_172	1.24	37.79%	0.47	0.33
NC_173	2.22	43.25%	0.96	0.33
NC_174	1.54	41.11%	0.63	0.33
NC_175	2.32	53.86%	1.25	0.33
NC_176	2.05	35.73%	0.73	0.33
NC_177	2.18	61.22%	1.33	0.33
NC_178	2.02	60.36%	1.22	0.33
NC_179	2.83	20.74%	0.59	0.33
NC_180	2.33	52.60%	1.23	0.33
NC_181	3.87	57.26%	2.22	1
NC_182	2.99	42.83%	1.28	1

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_183	2.01	56.07%	1.13	0.33
NC_184	2.21	50.52%	1.12	1
NC_185	2.23	50.97%	1.14	0.33
NC_186	2.50	0.56%	0.01	0.33
NC_187	2.04	56.20%	1.15	0.33
NC_188	2.78	61.12%	1.70	0.33
NC_189	2.03	11.23%	0.23	1
NC_190	1.37	43.02%	0.59	1
NC_191	2.44	54.32%	1.33	0.33
NC_192	1.51	45.44%	0.69	0.33
NC_193	1.95	35.56%	0.69	1
NC_194	2.50	13.40%	0.33	1
NC_195	2.90	39.19%	1.14	1
NC_196	2.24	0.50%	0.01	1
NC_197	2.21	21.11%	0.47	1
NC_198	2.06	54.09%	1.11	0.33
NC_199	1.21	56.42%	0.68	0.33
NC_200	3.94	52.05%	2.05	0.33
NC_201	3.54	1.03%	0.04	1
NC_202	2.01	47.83%	0.96	0.33
NC_203	2.04	47.39%	0.97	1
NC_204	2.33	3.60%	0.08	1
NC_205	2.01	49.34%	0.99	0.33
NC_206	2.30	0%	0.00	0.33
NC_207	2.01	49.60%	1.00	0.33
NC_208	2.01	51.56%	1.04	0.33
NC_209	2.03	0.48%	0.01	0.5
NC_210	2.41	51.08%	1.23	0.33
NC_211	2.46	49.01%	1.21	0.33
NC_212	2.00	0.92%	0.02	1
NC_213	2.24	21.73%	0.49	0.5
NC_214	2.53	26.30%	0.67	1
NC_215	2.15	50.29%	1.08	1
NC_216	2.00	7.61%	0.15	1
NC_217	2.19	1.69%	0.04	1
NC_218	3.34	52.56%	1.76	1
NC_219	2.00	17.08%	0.34	0.33
NC_220	2.94	53.78%	1.58	0.33
NC_221	2.13	45.00%	0.96	0.33
NC_222	2.11	41.00%	0.87	1
NC_223	2.56	53.45%	1.37	0.33
NC_224	2.17	46.92%	1.02	0.33
NC_225	1.68	3.54%	0.06	1
NC_226	2.23	48.93%	1.09	0.33
NC_227	0.99	51.31%	0.51	0.33
NC_228	2.20	31.70%	0.70	0.33

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_229	4.07	38.96%	1.59	1
NC_230	2.16	8.57%	0.19	0.5
NC_231	2.74	49.93%	1.37	1
NC_232	2.01	52.81%	1.06	0.33
NC_233	2.05	6.15%	0.13	0.5
NC_234	2.22	21.11%	0.47	0.5
NC_235	2.17	52.54%	1.14	0.33
NC_236	3.12	0%	0.00	0.33
NC_237	3.28	11.44%	0.38	0.5
NC_238	3.31	6.46%	0.21	1
NC_239	2.53	31.16%	0.79	0.33
NC_240	0.79	0%	0.00	1
NC_241	2.85	21.53%	0.61	1
NC_242	2.34	7.89%	0.18	1
NC_243	1.68	48.93%	0.82	0.33
NC_244	4.78	28.44%	1.36	1
NC_245	4.89	0%	0.00	0.5
NC_246	2.18	57.99%	1.26	1
NC_247	2.19	44.20%	0.97	0.33
NC_248	2.02	0.19%	0.00	1
NC_249	2.21	49.23%	1.09	1
NC_250	2.01	0.99%	0.02	1
NC_251	2.02	0.09%	0.00	1
NC_252	2.07	20.50%	0.42	0.5
NC_253	2.81	48.17%	1.35	1
NC_254	2.01	0.22%	0.00	1
NC_255	4.06	0%	0.00	1
NC_256	2.09	4.68%	0.10	1
NC_257	2.07	4.08%	0.08	0.5
NC_258	3.07	61.91%	1.90	1
NC_259	2.31	8.45%	0.20	1
NC_260	2.28	51.09%	1.16	0.33
NC_261	2.00	63.26%	1.27	1
NC_262	2.03	49.03%	1.00	0.33
NC_263	2.68	0%	0.00	0.5
NC_264	2.04	1.89%	0.04	1
NC_265	3.12	51.40%	1.60	1
NC_266	2.56	39.75%	1.02	1
NC_267	3.17	0.03%	0.00	1
NC_268	3.92	47.32%	1.85	1
NC_269	2.13	0%	0.00	1
NC_270	2.01	0.03%	0.00	1
NC_271	4.04	64.60%	2.61	1
NC_272	1.86	54.60%	1.02	1
NC_273	2.58	0%	0.00	1
NC_274	2.69	2.30%	0.06	0.5

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_275	2.02	45.16%	0.91	0.33
NC_276	2.00	38.85%	0.78	1
NC_277	2.41	16.46%	0.40	1
NC_278	2.13	33.95%	0.72	0.33
NC_279	2.11	46.40%	0.98	1
NC_280	2.42	0%	0.00	1
NC_281	2.00	38.22%	0.76	0.33
NC_282	2.44	0%	0.00	1
NC_283	1.90	45.53%	0.86	0.33
NC_284	2.57	5.96%	0.15	1
NC_285	7.40	0.03%	0.00	0.5
NC_286	2.02	0%	0.00	0.5
NC_287	4.63	0%	0.00	0.5
NC_288	3.28	47.81%	1.57	0.33
NC_289	0.91	54.93%	0.50	1
NC_290	2.03	49.86%	1.01	0.33
NC_291	2.60	42.94%	1.12	1
NC_292	3.95	5.06%	0.20	1
NC_293	1.58	8.06%	0.13	1
NC_294	4.41	3.24%	0.14	1
NC_295	2.25	43.68%	0.98	1
NC_296	2.13	45.36%	0.97	0.33
NC_297	1.71	12.20%	0.21	0.33
NC_298	2.05	47.21%	0.97	1
NC_299	2.32	0%	0.00	1
NC_300	2.33	49.23%	1.15	0.33
NC_301	0.48	43.14%	0.21	0.33
NC_302	3.08	0%	0.00	1
NC_303	1.93	31.26%	0.60	1
NC_304	2.00	3.59%	0.07	1
NC_305	2.08	38.66%	0.80	0.33
NC_306	1.23	11.26%	0.14	0.33
NC_307	2.34	20.71%	0.48	1
NC_308	2.17	0%	0.00	0.5
NC_309	5.19	0.14%	0.01	0.5
NC_310	3.56	57.70%	2.05	1
NC_311	1.14	28.69%	0.33	1
NC_312	2.01	52.35%	1.05	0.33
NC_313	2.01	4.87%	0.10	1
NC_314	2.99	7.30%	0.22	0.33
NC_315	2.74	49.34%	1.35	0.33
NC_316	3.05	17.24%	0.53	0.33
NC_317	2.05	46.58%	0.95	0.33
NC_318	2.16	0%	0.00	0.33
NC_319	2.05	55.21%	1.13	0.33
NC_320	2.35	19.13%	0.45	0.33

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_321	2.40	50.40%	1.21	1
NC_322	2.03	6.80%	0.14	1
NC_323	5.72	39.12%	2.24	1
NC_324	3.24	10.78%	0.35	0.33
NC_325	6.95	50.93%	3.54	1
NC_326	3.06	32.62%	1.00	1
NC_327	2.06	15.39%	0.32	1
NC_328	0.50	44.40%	0.22	0.33
NC_329	2.38	46.19%	1.10	0.33
NC_330	2.02	46.84%	0.95	0.33
NC_331	2.23	12.02%	0.27	0.5
NC_332	2.39	53.34%	1.27	0.33
NC_333	0.60	29.09%	0.17	0.33
NC_334	2.20	43.15%	0.95	0.33
NC_335	2.00	0.78%	0.02	0.5
NC_336	2.04	0.92%	0.02	1
NC_337	2.63	51.12%	1.34	0.33
NC_338	2.39	0.74%	0.02	1
NC_339	0.63	21.68%	0.14	1
NC_340	2.02	19.58%	0.40	1
NC_341	2.92	70.47%	2.06	1
NC_342	4.55	48.14%	2.19	0.33
NC_343	2.00	2.53%	0.05	0.33
NC_344	2.22	50.95%	1.13	0.33
NC_345	2.02	0%	0.00	1
NC_346	2.00	32.96%	0.66	0.33
NC_347	2.05	52.97%	1.09	0.33
NC_348	2.05	0.48%	0.01	1
NC_349	2.91	6.71%	0.20	1
NC_350	2.41	40.38%	0.97	1
NC_351	2.03	8.63%	0.18	1
NC_352	2.17	16.92%	0.37	1
NC_353	2.37	48.79%	1.16	1
NC_354	2.64	0.82%	0.02	1
NC_355	2.39	0%	0.00	0.33
NC_356	5.04	30.40%	1.53	0.33
NC_357	2.22	54.41%	1.21	0.33
NC_358	2.14	9.44%	0.20	1
NC_359	1.09	50.70%	0.55	0.33
NC_360	3.39	0.41%	0.01	0.33
NC_361	2.79	34.48%	0.96	1
NC_362	2.20	0%	0.00	0.33
NC_363	2.29	3.94%	0.09	1
NC_364	2.05	47.91%	0.98	0.33
NC_365	2.37	2.69%	0.06	1
NC_366	3.22	46.01%	1.48	1

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_367	2.01	2.05%	0.04	1
NC_368	2.01	0%	0.00	0.33
NC_369	2.22	1.67%	0.04	0.33
NC_370	2.12	44.80%	0.95	0.33
NC_371	2.00	2.70%	0.05	0.33
NC_372	2.03	0%	0.00	0.33
NC_373	2.03	52.02%	1.06	1
NC_374	5.55	0.31%	0.02	0.33
NC_375	2.58	13.54%	0.35	1
NC_376	2.33	49.84%	1.16	0.33
NC_377	1.82	25.99%	0.47	1
NC_378	2.10	10.53%	0.22	0.33
NC_379	2.28	56.64%	1.29	1
NC_380	2.29	0.79%	0.02	0.33
NC_381	2.62	47.17%	1.24	0.33
NC_382	0.28	46.20%	0.13	0.33
NC_383	3.43	20.33%	0.70	0.33
NC_384	2.80	2.83%	0.08	1
NC_385	1.72	51.05%	0.88	0.5
NC_386	2.00	62.05%	1.24	0.33
NC_387	2.53	23.03%	0.58	0.33
NC_388	4.20	0%	0.00	0.33
NC_389	2.06	17.71%	0.36	0.33
NC_390	2.65	0.22%	0.01	0.33
NC_391	0.97	38.82%	0.38	0.33
NC_392	2.38	0%	0.00	0.33
NC_393	2.21	71.18%	1.57	0.33
NC_394	2.39	8.91%	0.21	1
NC_395	2.01	45.98%	0.92	1
NC_396	4.39	0%	0.00	0.33
NC_397	1.02	55.70%	0.57	0.33
NC_398	2.03	1.71%	0.03	0.33
NC_399	2.01	0%	0.00	0.33
NC_400	2.00	59.49%	1.19	1
NC_401	3.44	42.81%	1.47	0.33
NC_402	2.78	26.63%	0.74	0.33
NC_403	4.66	2.01%	0.09	1
NC_404	3.38	0%	0.00	1
NC_405	2.00	6.43%	0.13	1
NC_406	1.87	52.94%	0.99	0.33
NC_407	2.12	44.35%	0.94	0.33
NC_408	2.49	10.80%	0.27	0.33
NC_409	2.33	56.13%	1.31	0.33
NC_410	2.41	45.02%	1.08	0.33
NC_411	2.52	58.51%	1.47	0.33
NC_412	3.76	41.06%	1.54	0.33

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_413	2.23	55.21%	1.23	0.33
NC_414	2.00	48.62%	0.97	1
NC_415	2.72	57.51%	1.56	0.33
NC_416	2.73	53.72%	1.47	0.5
NC_417	3.90	37.81%	1.47	1
NC_418	2.29	63.22%	1.45	0.33
NC_419	2.04	36.29%	0.74	1
NC_420	2.05	54.03%	1.11	0.33
NC_421	2.15	6.51%	0.14	1
NC_422	2.90	2.53%	0.07	1
NC_423	2.16	50.25%	1.09	0.33
NC_424	2.09	0%	0.00	0.33
NC_425	2.09	0%	0.00	0.33
NC_426	2.07	50.35%	1.04	0.33
NC_427	3.17	55.65%	1.76	0.33
NC_428	1.94	37.97%	0.74	1
NC_429	2.01	50.69%	1.02	0.33
NC_430	2.83	73.27%	2.07	0.33
NC_431	2.11	13.64%	0.29	1
NC_432	2.30	63.77%	1.47	0.33
NC_433	2.02	45.21%	0.91	1
NC_434	2.01	0%	0.00	0.33
NC_435	2.13	63.89%	1.36	0.33
NC_436	2.57	43.66%	1.12	1
NC_437	2.00	4.38%	0.09	1
NC_438	2.03	71.62%	1.45	0.33
NC_439	2.01	0%	0.00	0.33
NC_440	0.78	53.42%	0.42	0.33
NC_441	2.29	13.05%	0.30	0.33
NC_442	2.42	31.44%	0.76	1
NC_443	8.31	78.34%	6.51	0.5
NC_444	2.05	45.13%	0.93	1
NC_445	2.44	1.86%	0.05	1
NC_446	2.00	63.15%	1.26	0.33
NC_447	2.26	28.48%	0.64	0.33
NC_448	4.63	0%	0.00	0.33
NC_449	2.05	47.23%	0.97	1
NC_450	2.15	0.13%	0.00	0.33
NC_451	2.96	0%	0.00	0.33
NC_452	6.31	69.55%	4.39	1
NC_453	2.85	51.69%	1.47	1
NC_454	2.57	11.38%	0.29	1
NC_455	3.70	0%	0.00	0.33
NC_456	2.53	73.94%	1.87	0.33
NC_457	2.00	7.80%	0.16	1
NC_458	2.48	65.17%	1.62	0.5

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_459	2.02	66.39%	1.34	0.33
NC_460	2.08	62.50%	1.30	0.33
NC_461	2.49	66.78%	1.66	1
NC_462	0.26	44.43%	0.12	0.33
NC_463	2.03	74.32%	1.51	0.33
NC_464	2.02	14.17%	0.29	1
NC_465	3.11	59.54%	1.85	0.33
NC_466	2.82	37.06%	1.05	1
NC_467	2.02	0%	0.00	0.33
NC_468	3.02	48.96%	1.48	0.33
NC_469	2.44	14.86%	0.36	1
NC_470	2.39	35.93%	0.86	1
NC_471	2.05	64.56%	1.32	0.33
NC_472	2.00	10.98%	0.22	1
NC_473	2.28	56.92%	1.30	0.33
NC_474	2.01	0%	0.00	1
NC_475	2.00	71.20%	1.42	0.33
NC_476	2.05	23.05%	0.47	1
NC_477	2.09	44.63%	0.93	0.33
NC_478	2.03	65.28%	1.33	0.33
NC_479	2.01	68.14%	1.37	0.33
NC_480	3.38	74.73%	2.53	0.33
NC_481	3.02	0%	0.00	1
NC_482	2.93	69.39%	2.03	0.33
NC_483	2.76	50.95%	1.41	1
NC_484	2.04	50.35%	1.03	1
NC_485	0.83	59.55%	0.49	1
NC_486	2.75	52.39%	1.44	1
NC_487	2.32	82.65%	1.92	0.33
NC_488	2.60	1.02%	0.03	1
NC_489	3.12	50.73%	1.58	0.33
NC_490	2.37	76.35%	1.81	0.33
NC_491	2.41	79.42%	1.91	0.33
NC_492	3.68	39.61%	1.46	1
NC_493	2.29	54.72%	1.25	0.33
NC_494	2.03	60.93%	1.24	0.33
NC_495	2.10	37.68%	0.79	1
NC_496	2.01	62.08%	1.25	0.33
NC_497	2.14	0%	0.00	1
NC_498	2.72	55.22%	1.50	0.33
NC_499	2.20	52.05%	1.15	0.5
NC_500	2.98	8.17%	0.24	0.33
NC_501	2.82	71.49%	2.02	0.33
NC_502	2.00	23.71%	0.47	1
NC_503	2.00	80.54%	1.61	0.33
NC_504	1.01	3.50%	0.04	0.33

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_505	2.46	48.31%	1.19	1
NC_506	2.67	49.42%	1.32	1
NC_507	2.80	74.41%	2.08	0.33
NC_508	2.03	12.47%	0.25	1
NC_509	2.24	0%	0.00	0.33
NC_510	2.26	67.03%	1.51	0.33
NC_511	2.01	63.67%	1.28	0.33
NC_512	2.74	57.09%	1.56	0.33
NC_513	1.22	70.14%	0.86	0.33
NC_514	2.87	78.52%	2.25	0.33
NC_515	2.60	0%	0.00	0.33
NC_516	2.00	43.40%	0.87	0.33
NC_517	2.76	0%	0.00	1
NC_518	2.02	63.93%	1.29	0.33
NC_519	2.89	10.85%	0.31	1
NC_520	2.00	68.72%	1.37	0.5
NC_521	2.05	0%	0.00	1
NC_522	3.92	64.32%	2.52	0.33
NC_523	2.39	71.54%	1.71	0.33
NC_524	2.26	10.41%	0.24	1
NC_525	2.01	10.52%	0.21	1
NC_526	1.99	33.47%	0.67	0.5
NC_527	2.16	11.10%	0.24	1
NC_528	2.33	14.52%	0.34	1
NC_529	2.04	26.70%	0.54	1
NC_530	2.43	58.67%	1.43	1
NC_531	2.24	51.85%	1.16	0.33
NC_532	2.28	5.71%	0.13	1
NC_533	2.01	70.45%	1.42	0.33
NC_534	2.05	12.75%	0.26	1
NC_535	5.48	14.71%	0.81	1
NC_536	2.01	12.69%	0.26	1
NC_537	2.00	75.62%	1.51	0.33
NC_538	2.82	68.09%	1.92	0.33
NC_539	2.03	41.40%	0.84	1
NC_540	2.01	67.00%	1.35	0.33
NC_541	2.85	48.99%	1.40	1
NC_542	2.03	65.36%	1.33	0.33
NC_543	2.88	69.55%	2.00	0.33
NC_544	2.76	17.81%	0.49	1
NC_545	2.60	21.98%	0.57	1
NC_546	2.95	2.41%	0.07	1
NC_547	2.02	5.21%	0.11	0.33
NC_548	0.41	49.75%	0.20	1
NC_549	2.00	46.10%	0.92	0.33
NC_550	2.11	21.90%	0.46	0.33

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_551	2.81	2.47%	0.07	0.33
NC_552	2.51	49.43%	1.24	0.33
NC_553	2.05	50.01%	1.03	1
NC_554	2.24	0%	0.00	0.33
NC_555	1.65	72.85%	1.20	0.33
NC_556	2.05	16.88%	0.35	0.33
NC_557	2.42	51.09%	1.24	1
NC_558	1.30	25.98%	0.34	1
NC_559	2.13	72.47%	1.54	0.33
NC_560	3.03	0%	0.00	1
NC_561	1.03	70.97%	0.73	0.33
NC_562	3.67	72.18%	2.65	0.33
NC_563	2.95	55.29%	1.63	1
NC_564	2.09	49.73%	1.04	1
NC_565	2.01	70.60%	1.42	0.33
NC_566	2.30	67.03%	1.54	0.33
NC_567	2.01	62.55%	1.26	1
NC_568	2.00	27.76%	0.56	1
NC_569	0.43	24.99%	0.11	1
NC_570	2.11	30.23%	0.64	1
NC_571	3.28	50.43%	1.65	0.5
NC_572	2.01	38.71%	0.78	1
NC_573	4.77	81.08%	3.87	0.33
NC_574	1.74	44.86%	0.78	0.5
NC_575	2.27	0.04%	0.00	0.33
NC_576	2.10	48.16%	1.01	0.33
NC_577	1.69	26.75%	0.45	1
NC_578	2.01	26.24%	0.53	1
NC_579	2.14	19.98%	0.43	0.33
NC_580	2.13	77.87%	1.66	0.33
NC_581	2.19	51.30%	1.12	1
NC_582	2.05	0.66%	0.01	0.33
NC_583	2.77	47.97%	1.33	0.33
NC_584	2.09	49.15%	1.03	1
NC_585	1.33	40.18%	0.53	1
NC_586	2.00	63.33%	1.27	0.33
NC_587	2.42	45.60%	1.10	1
NC_588	2.79	75.18%	2.10	0.33
NC_589	1.79	19.64%	0.35	0.33
NC_590	5.62	52.87%	2.97	1
NC_591	2.58	14.14%	0.36	1
NC_592	2.65	50.64%	1.34	0.33
NC_593	2.31	57.98%	1.34	0.5
NC_594	2.00	8.98%	0.18	0.33
NC_595	2.88	2.65%	0.08	0.33
NC_596	2.09	46.26%	0.97	0.33

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_597	2.00	82.99%	1.66	0.33
NC_598	1.49	7.29%	0.11	1
NC_599	2.03	71.06%	1.44	0.33
NC_600	2.77	60.55%	1.68	0.33
NC_601	2.09	63.47%	1.33	0.5
NC_602	3.52	52.25%	1.84	0.33
NC_603	2.00	5.12%	0.10	1
NC_604	1.91	1.56%	0.03	1
NC_605	2.00	13.68%	0.27	1
NC_606	3.30	8.36%	0.28	1
NC_607	2.02	35.61%	0.72	1
NC_608	3.33	60.10%	2.00	0.5
NC_609	3.16	49.99%	1.58	1
NC_610	0.81	3.50%	0.03	1
NC_611	3.47	68.14%	2.36	1
NC_612	2.04	70.80%	1.44	0.33
NC_613	2.31	54.94%	1.27	0.33
NC_614	2.40	1.29%	0.03	0.33
NC_615	0.56	45.36%	0.25	0.33
NC_616	1.29	59.06%	0.76	0.5
NC_617	2.74	45.02%	1.23	0.33
NC_618	2.01	61.34%	1.23	0.33
NC_619	2.48	27.91%	0.69	1
NC_620	2.07	8.81%	0.18	1
NC_621	2.27	6.74%	0.15	1
NC_622	2.08	1.50%	0.03	1
NC_623	1.30	9.10%	0.12	1
NC_624	2.20	72.79%	1.60	0.33
NC_625	1.83	66.63%	1.22	1
NC_626	1.63	55.75%	0.91	1
NC_627	2.11	7.63%	0.16	1
NC_628	2.00	12.31%	0.25	1
NC_629	2.03	59.83%	1.21	0.5
NC_630	2.18	0%	0.00	0.33
NC_631	2.01	83.82%	1.68	0.33
NC_632	2.06	62.54%	1.29	0.33
NC_633	2.06	68.16%	1.40	1
NC_634	2.01	27.91%	0.56	1
NC_635	1.96	36.68%	0.72	1
NC_636	2.06	43.58%	0.90	0.33
NC_637	4.17	34.39%	1.43	1
NC_638	2.65	74.99%	1.99	0.33
NC_639	0.98	6.18%	0.06	0.33
NC_640	2.06	0%	0.00	1
NC_641	2.00	79.31%	1.59	0.33
NC_642	3.21	35.84%	1.15	1

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_643	2.00	76.10%	1.52	0.33
NC_644	2.18	70.15%	1.53	0.33
NC_645	2.30	40.67%	0.94	0.33
NC_646	2.05	0.66%	0.01	1
NC_647	2.10	68.25%	1.43	0.33
NC_648	0.90	61.98%	0.56	1
NC_649	3.30	50.69%	1.67	1
NC_650	4.05	62.11%	2.52	0.5
NC_651	3.07	60.56%	1.86	1
NC_652	2.06	5.79%	0.12	1
NC_653	2.21	50.56%	1.12	0.33
NC_654	2.00	42.00%	0.84	0.33
NC_655	2.05	16.66%	0.34	0.33
NC_656	3.00	61.82%	1.85	0.33
NC_657	1.61	18.00%	0.29	0.5
NC_658	3.96	13.78%	0.55	1
NC_659	2.01	40.54%	0.81	0.33
NC_660	2.10	50.93%	1.07	0.5
NC_661	2.66	66.82%	1.78	1
NC_662	2.55	5.81%	0.15	0.33
NC_663	2.04	42.64%	0.87	0.33
NC_664	2.13	49.62%	1.06	0.33
NC_665	2.00	14.63%	0.29	0.33
NC_666	3.16	19.38%	0.61	1
NC_667	2.57	14.06%	0.36	1
NC_668	2.19	8.35%	0.18	0.33
NC_669	2.14	50.12%	1.07	0.33
NC_670	2.25	63.52%	1.43	0.33
NC_671	2.50	14.54%	0.36	0.33
NC_672	0.25	51.80%	0.13	0.33
NC_673	2.37	69.12%	1.64	1
NC_674	2.02	44.51%	0.90	0.33
NC_675	0.90	67.43%	0.61	0.33
NC_676	2.00	41.57%	0.83	0.33
NC_677	2.54	61.68%	1.57	1
NC_678	2.58	35.85%	0.93	1
NC_679	2.75	47.63%	1.31	0.33
NC_680	2.04	24.48%	0.50	0.33
NC_681	3.45	65.91%	2.27	0.33
NC_682	2.12	52.35%	1.11	0.33
NC_683	2.11	1.82%	0.04	0.33
NC_684	2.04	48.99%	1.00	0.33
NC_685	1.44	27.82%	0.40	1
NC_686	1.18	57.52%	0.68	1
NC_687	2.00	45.11%	0.90	1
NC_688	1.60	52.89%	0.85	0.33

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_689	2.14	51.54%	1.10	1
NC_690	2.99	40.32%	1.21	1
NC_691	2.58	12.56%	0.32	0.33
NC_692	1.63	59.75%	0.97	1
NC_693	2.39	57.19%	1.37	1
NC_694	1.44	24.70%	0.36	0.33
NC_695	2.45	60.84%	1.49	1
NC_696	1.84	26.49%	0.49	1
NC_697	2.00	63.06%	1.26	1
NC_698	2.39	1.54%	0.04	1
NC_699	2.05	66.79%	1.37	0.33
NC_700	3.65	16.91%	0.62	1
NC_701	2.24	51.06%	1.14	0.33
NC_702	2.01	60.84%	1.22	0.33
NC_703	2.03	63.99%	1.30	1
NC_704	2.24	5.26%	0.12	1
NC_705	2.89	6.86%	0.20	1
NC_706	2.38	72.67%	1.73	0.33
NC_707	2.54	56.92%	1.45	0.33
NC_708	2.48	55.60%	1.38	0.33
NC_709	2.08	23.32%	0.49	1
NC_710	2.35	21.05%	0.49	1
NC_711	2.02	24.03%	0.49	0.33
NC_712	2.00	48.05%	0.96	0.33
NC_713	2.37	19.42%	0.46	0.33
NC_714	2.02	14.86%	0.30	1
NC_715	2.39	17.42%	0.42	0.33
NC_716	2.82	11.73%	0.33	1
NC_717	2.00	27.30%	0.55	0.33
NC_718	1.09	27.67%	0.30	0.5
NC_719	2.60	69.22%	1.80	1
NC_720	2.37	18.67%	0.44	0.33
NC_721	2.07	50.25%	1.04	0.33
NC_722	2.07	52.97%	1.10	0.33
NC_723	0.67	66.54%	0.45	0.33
NC_724	2.68	25.29%	0.68	1
NC_725	2.23	16.01%	0.36	1
NC_726	2.00	5.63%	0.11	1
NC_727	2.00	37.70%	0.75	0.33
NC_728	2.60	24.71%	0.64	0.5
NC_729	3.00	45.78%	1.37	0.33
NC_730	0.83	10.57%	0.09	1
NC_731	2.01	48.70%	0.98	0.33
NC_732	1.95	47.15%	0.92	1
NC_733	2.30	37.24%	0.86	1
NC_734	2.05	44.95%	0.92	0.33

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_735	0.50	60.48%	0.30	0.33
NC_736	4.55	67.83%	3.09	1
NC_737	2.01	64.97%	1.31	0.33
NC_738	2.01	3.76%	0.08	0.33
NC_739	2.50	57.61%	1.44	0.33
NC_740	2.89	8.42%	0.24	1
NC_741	2.49	26.10%	0.65	0.5
NC_742	2.02	61.06%	1.23	0.33
NC_743	2.20	26.67%	0.59	0.33
NC_744	2.65	19.01%	0.50	0.5
NC_745	1.67	59.42%	0.99	0.33
NC_746	2.00	52.84%	1.06	0.33
NC_747	2.26	62.74%	1.42	1
NC_748	2.04	34.85%	0.71	1
NC_749	1.79	41.06%	0.73	1
NC_750	2.41	42.08%	1.01	1
NC_751	2.00	56.48%	1.13	1
NC_752	2.62	57.47%	1.51	0.33
NC_753	2.83	49.22%	1.39	0.33
NC_754	2.02	15.05%	0.30	1
NC_755	2.04	56.81%	1.16	1
NC_756	0.43	32.98%	0.14	1
NC_757	2.00	22.48%	0.45	0.33
NC_758	2.00	35.96%	0.72	0.33
NC_759	2.25	61.43%	1.38	0.33
NC_760	1.62	63.93%	1.04	0.33
NC_761	2.00	9.58%	0.19	1
NC_762	2.02	30.93%	0.62	1
NC_763	1.79	9.56%	0.17	0.5
NC_764	2.04	13.02%	0.27	0.5
NC_765	1.44	30.76%	0.44	1
NC_766	2.24	71.10%	1.59	0.33
NC_767	2.29	41.74%	0.96	1
NC_768	2.00	60.32%	1.21	0.33
NC_769	2.51	8.04%	0.20	1
NC_770	2.20	15.28%	0.34	1
NC_771	2.93	58.44%	1.71	0.33
NC_772	2.02	48.83%	0.99	1
NC_773	2.02	27.43%	0.55	0.33
NC_774	3.45	51.71%	1.78	0.33
NC_775	3.15	54.24%	1.71	0.33
NC_776	0.41	7.15%	0.03	0.5
NC_777	2.03	9.69%	0.20	1
NC_778	2.02	52.84%	1.07	1
NC_779	1.77	48.10%	0.85	1
NC_780	1.04	39.92%	0.42	1

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_781	2.51	4.90%	0.12	0.5
NC_782	2.82	65.49%	1.85	1
NC_783	2.13	22.70%	0.48	0.33
NC_784	2.06	49.34%	1.02	0.33
NC_785	2.88	21.63%	0.62	0.5
NC_786	2.12	59.40%	1.26	1
NC_787	1.37	5.55%	0.08	1
NC_788	2.28	6.18%	0.14	0.5
NC_789	0.75	31.43%	0.24	1
NC_790	1.29	44.25%	0.57	0.33
NC_791	2.01	44.23%	0.89	0.33
NC_792	0.66	52.91%	0.35	0.33
NC_793	2.06	61.73%	1.27	0.33
NC_794	2.12	55.54%	1.18	0.33
NC_795	2.07	73.60%	1.52	0.33
NC_796	2.30	4.92%	0.11	1
NC_797	2.09	57.25%	1.20	0.33
NC_798	2.66	19.20%	0.51	0.33
NC_799	2.01	50.92%	1.02	1
NC_800	0.52	49.83%	0.26	0.33
NC_801	2.21	5.16%	0.11	1
NC_802	2.03	41.73%	0.85	0.5
NC_803	1.14	40.34%	0.46	0.33
NC_804	2.93	60.04%	1.76	0.33
NC_805	1.04	51.18%	0.53	0.33
NC_806	2.49	51.96%	1.29	0.33
NC_807	2.21	59.31%	1.31	0.33
NC_808	2.00	1.92%	0.04	1
NC_809	2.05	53.53%	1.10	0.5
NC_810	0.51	44.30%	0.23	0.5
NC_811	2.24	18.51%	0.41	1
NC_812	2.36	58.77%	1.39	0.5
NC_813	2.03	52.17%	1.06	0.33
NC_814	2.06	50.02%	1.03	0.33
NC_815	2.80	43.04%	1.20	1
NC_816	2.01	49.47%	0.99	0.33
NC_817	2.22	62.07%	1.38	0.33
NC_818	2.09	60.49%	1.26	0.33
NC_819	2.13	68.61%	1.46	0.33
NC_820	2.03	57.80%	1.17	0.5
NC_821	2.34	52.64%	1.23	0.33
NC_822	2.16	61.57%	1.33	1
NC_823	2.05	16.39%	0.34	1
NC_824	2.11	59.31%	1.25	0.33
NC_825	3.16	11.70%	0.37	1
NC_826	2.12	50.75%	1.08	0.33

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_827	2.46	49.89%	1.23	1
NC_828	2.16	41.19%	0.89	1
NC_829	2.34	47.37%	1.11	1
NC_830	2.69	51.88%	1.40	0.33
NC_831	2.03	49.80%	1.01	1
NC_832	2.74	42.23%	1.16	1
NC_833	2.06	35.05%	0.72	1
NC_834	1.59	25.45%	0.40	1
NC_835	2.03	41.00%	0.83	1
NC_836	0.60	48.42%	0.29	1
NC_837	2.00	9.59%	0.19	1
NC_838	0.29	54.33%	0.16	1
NC_839	2.01	10.77%	0.22	1
NC_840	1.50	29.42%	0.44	1
NC_841	2.39	20.22%	0.48	1
NC_842	1.32	53.28%	0.70	1
NC_843	1.99	19.60%	0.39	1
NC_844	2.33	43.87%	1.02	1
NC_845	0.73	16.40%	0.12	1
NC_846	2.53	49.40%	1.25	1
NC_847	2.04	22.47%	0.46	1
NC_848	2.27	17.98%	0.41	1
NC_849	2.04	6.55%	0.13	1
NC_850	3.19	37.68%	1.20	1
NC_851	2.21	11.83%	0.26	1
NC_852	2.10	4.39%	0.09	1
NC_853	2.13	54.29%	1.16	0.33
NC_854	2.00	47.99%	0.96	1
NC_855	3.11	48.96%	1.52	1
NC_856	2.71	12.31%	0.33	1
NC_857	2.10	57.45%	1.21	1
NC_858	3.16	47.35%	1.50	1
NC_859	2.01	14.26%	0.29	1
NC_860	2.00	29.84%	0.60	1
NC_861	2.03	56.71%	1.15	1
NC_862	2.47	57.86%	1.43	1
NC_863	2.55	16.13%	0.41	1
NC_864	2.15	50.59%	1.09	1
NC_865	2.18	13.29%	0.29	1
NC_866	2.01	23.69%	0.48	1
NC_867	2.48	24.97%	0.62	1
NC_868	2.29	10.79%	0.25	1
NC_869	2.44	13.52%	0.33	1
NC_870	2.04	12.12%	0.25	1
NC_871	2.52	13.02%	0.33	1
NC_872	2.11	13.12%	0.28	1

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_873	3.00	11.19%	0.34	1
NC_874	2.03	32.58%	0.66	1
NC_875	2.00	14.65%	0.29	1
NC_876	2.00	17.06%	0.34	1
NC_877	2.00	12.16%	0.24	1
NC_878	2.40	39.75%	0.95	1
NC_879	1.65	17.83%	0.29	1
NC_880	2.00	5.24%	0.10	1
NC_881	2.14	59.20%	1.27	1
NC_882	2.74	14.83%	0.41	1
NC_883	3.22	17.87%	0.58	1
NC_884	2.15	45.35%	0.97	1
NC_885	2.02	57.78%	1.17	1
NC_886	2.14	63.69%	1.36	1
NC_887	2.01	58.81%	1.18	1
NC_888	2.14	45.25%	0.97	1
NC_889	2.02	6.75%	0.14	1
NC_890	3.07	6.74%	0.21	1
NC_891	2.03	10.56%	0.21	1
NC_892	2.07	16.45%	0.34	1
NC_893	2.82	7.97%	0.22	1
NC_894	2.76	17.52%	0.48	1
NC_895	2.00	5.25%	0.11	0.33
NC_896	2.11	0.88%	0.02	1
NC_897	2.04	8.33%	0.17	0.33
NC_898	2.05	6.76%	0.14	1
NC_899	2.51	1.80%	0.05	1
NC_900	2.26	12.80%	0.29	1
NC_901	2.19	19.68%	0.43	1
NC_902	2.07	24.13%	0.50	1
NC_903	2.16	60.54%	1.31	0.33
NC_904	2.00	56.45%	1.13	1
NC_905	2.14	19.84%	0.42	1
NC_906	2.33	2.21%	0.05	1
NC_907	2.97	44.99%	1.34	1
NC_908	3.34	13.74%	0.46	1
NC_909	2.05	26.36%	0.54	1
NC_910	2.00	3.66%	0.07	1
NC_911	1.28	34.14%	0.44	1
NC_912	2.00	46.80%	0.94	1
NC_913	2.11	59.68%	1.26	0.33
NC_914	2.96	60.69%	1.80	0.33
NC_915	1.86	63.40%	1.18	0.33
NC_916	2.18	56.74%	1.24	0.33
NC_917	2.14	3.32%	0.07	1
NC_918	2.02	11.60%	0.23	1

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_919	2.84	39.46%	1.12	1
NC_920	2.62	60.61%	1.59	0.33
NC_921	2.16	52.57%	1.14	0.33
NC_922	2.00	1.84%	0.04	1
NC_923	2.08	0.52%	0.01	1
NC_924	2.00	2.99%	0.06	1
NC_925	3.31	50.92%	1.69	1
NC_926	2.05	5.69%	0.12	1
NC_927	2.10	6.43%	0.14	1
NC_928	2.73	16.23%	0.44	1
NC_929	0.37	60.15%	0.22	0.33
NC_930	3.34	57.80%	1.93	1
NC_931	2.49	58.12%	1.45	0.33
NC_932	2.80	38.95%	1.09	1
NC_933	2.06	53.15%	1.09	0.33
NC_934	2.08	55.23%	1.15	1
NC_935	2.08	14.36%	0.30	1
NC_936	2.38	0.99%	0.02	1
NC_937	2.09	46.01%	0.96	1
NC_938	2.07	57.37%	1.19	0.33
NC_939	2.44	17.65%	0.43	1
NC_940	2.20	31.82%	0.70	1
NC_941	2.22	3.49%	0.08	1
NC_942	2.00	16.07%	0.32	0.33
NC_943	3.03	56.14%	1.70	0.33
NC_944	2.00	47.01%	0.94	1
NC_945	2.06	2.44%	0.05	1
NC_946	2.04	53.47%	1.09	1
NC_947	2.00	3.13%	0.06	1
NC_948	2.29	1.71%	0.04	1
NC_949	2.06	3.09%	0.06	1
NC_950	2.05	29.16%	0.60	1
NC_951	2.89	51.88%	1.50	1
NC_952	2.14	52.02%	1.11	0.33
NC_953	2.31	58.34%	1.35	0.33
NC_954	2.26	9.79%	0.22	1
NC_955	2.15	7.10%	0.15	1
NC_956	2.16	25.82%	0.56	1
NC_957	3.33	51.12%	1.70	0.33
NC_958	2.12	3.05%	0.06	1
NC_959	2.00	61.26%	1.23	0.33
NC_960	2.55	53.04%	1.35	1
NC_961	3.56	35.59%	1.27	1
NC_962	2.03	1.66%	0.03	1
NC_963	2.68	55.62%	1.49	0.33
NC_964	2.00	11.87%	0.24	0.33

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_965	2.23	0.60%	0.01	1
NC_966	2.25	26.76%	0.60	1
NC_967	2.32	35.79%	0.83	1
NC_968	1.45	28.40%	0.41	1
NC_969	5.14	49.26%	2.53	1
NC_970	1.73	34.99%	0.61	1
NC_971	2.82	50.68%	1.43	1
NC_972	0.97	76.32%	0.74	0.33
NC_973	4.56	46.71%	2.13	0.5
NC_974	1.10	49.79%	0.55	0.5
NC_975	1.22	61.96%	0.76	0.5
NC_976	1.85	58.02%	1.07	0.5
NC_977	2.14	37.36%	0.80	1
NC_978	0.77	47.60%	0.37	0.5
NC_979	2.24	50.45%	1.13	0.5
NC_980	0.85	18.11%	0.15	0.5
NC_981	1.28	24.67%	0.32	0.5
NC_982	4.19	47.71%	2.00	1
NC_983	1.81	31.01%	0.56	1
NC_984	1.36	53.01%	0.72	0.33
NC_985	2.78	47.09%	1.31	0.33
NC_986	0.33	59.17%	0.20	0.33
NC_987	1.99	20.35%	0.40	0.33
NC_988	2.17	42.51%	0.92	0.33
NC_989	0.27	40.80%	0.11	0.33
NC_990	2.09	24.49%	0.51	1
NC_991	1.68	42.19%	0.71	0.33
NC_992	2.17	30.69%	0.67	0.33
NC_993	0.72	53.69%	0.39	0.33
NC_994	1.13	38.32%	0.43	0.33
NC_995	0.69	53.62%	0.37	0.33
NC_996	0.89	57.62%	0.51	0.33
NC_997	0.58	51.39%	0.30	0.33
NC_998	1.75	55.70%	0.97	0.33
NC_999	2.10	55.61%	1.17	0.33
NC_1000	1.54	56.20%	0.87	0.33
NC_1001	1.14	48.08%	0.55	0.33
NC_1002	1.39	54.69%	0.76	0.33
NC_1003	1.21	38.95%	0.47	0.33
NC_1004	2.48	13.04%	0.32	0.33
NC_1005	3.36	31.21%	1.05	0.33
NC_1006	1.95	55.03%	1.07	0.33
NC_1007	0.70	49.02%	0.34	0.33
NC_1008	1.87	56.71%	1.06	0.33
NC_1009	2.44	38.00%	0.93	1
NC_1010	1.20	48.12%	0.58	1

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_1011	1.74	36.52%	0.64	0.33
NC_1012	1.77	6.18%	0.11	0.33
NC_1013	2.80	16.77%	0.47	0.33
NC_1014	2.51	17.14%	0.43	0.33
NC_1015	2.25	41.52%	0.93	1
NC_1016	2.53	43.33%	1.10	1
NC_1017	1.08	41.57%	0.45	1
NC_1018	1.21	48.14%	0.58	0.33
NC_1019	1.93	38.46%	0.74	1
NC_1020	1.67	7.80%	0.13	1
NC_1021	0.45	11.51%	0.05	1
NC_1022	1.10	12.84%	0.14	1
NC_1023	1.59	3.73%	0.06	1
NC_1024	1.52	0%	0.00	1
NC_1025	0.30	0%	0.00	1
NC_1026	1.17	0.29%	0.00	0.33
NC_1027	0.55	0.49%	0.00	0.33
NC_1028	2.14	17.99%	0.38	1
NC_1029	1.79	23.38%	0.42	1
NC_1030	0.80	44.64%	0.36	1
NC_1031	0.73	5.36%	0.04	1
NC_1032	1.93	18.14%	0.35	1
NC_1033	2.83	6.23%	0.18	1
NC_1034	0.18	20.37%	0.04	1
NC_1035	1.63	25.98%	0.42	1
NC_1036	2.68	46.95%	1.26	1
NC_1037	1.64	23.74%	0.39	1
NC_1038	1.67	12.47%	0.21	1
NC_1039	5.78	25.18%	1.46	1
NC_1040	1.12	1.46%	0.02	1
NC_1041	0.59	9.72%	0.06	1
NC_1042	1.07	10.69%	0.11	1
NC_1043	1.08	16.10%	0.17	1
NC_1044	2.98	7.44%	0.22	1
NC_1045	4.67	18.88%	0.88	1
NC_1046	1.06	37.93%	0.40	1
NC_1047	4.29	38.51%	1.65	1
NC_1048	1.05	30.82%	0.32	1
NC_1049	1.85	60.15%	1.11	1
NC_1050	1.78	9.87%	0.18	1
NC_1051	0.87	43.45%	0.38	1
NC_1052	3.12	36.35%	1.13	1
NC_1053	0.83	52.00%	0.43	1
NC_1054	1.97	48.87%	0.96	1
NC_1055	1.97	53.79%	1.06	1
NC_1056	1.22	62.99%	0.77	0.33

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_1057	1.42	67.07%	0.95	0.33
NC_1058	3.95	24.23%	0.96	1
NC_1059	1.71	23.23%	0.40	1
NC_1060	1.28	71.30%	0.91	1
NC_1061	0.66	52.56%	0.35	0.33
NC_1062	0.84	59.15%	0.50	1
NC_1063	1.44	11.70%	0.17	1
NC_1064	1.09	28.93%	0.32	1
NC_1065	1.40	9.78%	0.14	1
NC_1066	3.02	35.65%	1.08	0.33
NC_1067	1.83	41.15%	0.75	0.33
NC_1068	1.20	11.37%	0.14	0.33
NC_1069	0.16	79.53%	0.13	0.33
NC_1070	1.04	63.22%	0.66	0.33
NC_1071	1.17	54.03%	0.63	0.33
NC_1072	2.05	30.20%	0.62	1
NC_1073	2.38	33.61%	0.80	0.33
NC_1074	2.67	62.82%	1.68	0.33
NC_1075	1.59	46.32%	0.74	0.33
NC_1076	1.62	9.32%	0.15	1
NC_1077	0.93	12.22%	0.11	1
NC_1078	1.27	51.45%	0.65	1
NC_1079	1.49	31.50%	0.47	1
NC_1080	1.16	57.66%	0.67	1
NC_1081	1.98	13.72%	0.27	1
NC_1082	2.13	14.01%	0.30	1
NC_1083	1.52	18.60%	0.28	1
NC_1084	3.37	10.24%	0.35	1
NC_1085	1.70	16.59%	0.28	1
NC_1086	1.50	27.63%	0.41	1
NC_1087	1.27	50.22%	0.64	0.33
NC_1088	1.61	57.06%	0.92	0.33
NC_1089	1.30	47.02%	0.61	1
NC_1090	1.77	23.29%	0.41	1
NC_1091	2.49	50.52%	1.26	0.33
NC_1092	1.36	37.20%	0.51	1
NC_1093	0.95	32.14%	0.31	1
NC_1094	1.35	51.26%	0.69	1
NC_1095	0.51	48.48%	0.25	0.33
NC_1096	2.87	8.53%	0.24	1
NC_1097	1.98	2.61%	0.05	1
NC_1098	0.55	39.10%	0.22	1
NC_1099	1.20	27.05%	0.32	1
NC_1100	0.22	16.97%	0.04	1
NC_1101	1.52	28.57%	0.43	1
NC_1102	2.20	21.45%	0.47	1

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_1103	1.74	57.27%	1.00	1
NC_1104	0.53	45.25%	0.24	1
NC_1105	4.12	49.13%	2.02	1
NC_1106	0.58	5.09%	0.03	1
NC_1107	1.46	54.82%	0.80	1
NC_1108	0.49	53.77%	0.26	1
NC_1109	1.45	40.10%	0.58	1
NC_1110	0.68	43.60%	0.30	1
NC_1111	3.37	44.97%	1.52	1
NC_1112	2.42	30.06%	0.73	1
NC_1113	10.96	64.72%	7.09	1
NC_1114	3.36	62.26%	2.09	1
NC_1115	2.10	51.24%	1.08	0.33
NC_1116	0.81	51.09%	0.41	0.33
NC_1117	3.00	52.22%	1.57	1
NC_1118	1.28	61.56%	0.79	1
NC_1119	1.92	55.69%	1.07	0.33
NC_1120	2.56	56.98%	1.46	1
NC_1121	2.39	36.98%	0.88	1
NC_1122	1.55	52.93%	0.82	0.33
NC_1123	0.44	54.13%	0.24	0.33
NC_1124	1.04	44.65%	0.46	1
NC_1125	2.72	42.08%	1.14	1
NC_1126	2.20	38.79%	0.85	0.33
NC_1127	1.28	72.83%	0.93	0.5
NC_1128	1.52	48.02%	0.73	0.33
NC_1129	1.09	68.01%	0.74	0.5
NC_1130	2.30	34.77%	0.80	0.5
NC_1131	3.37	21.18%	0.71	0.5
NC_1132	3.60	47.48%	1.71	0.33
NC_1133	1.37	54.75%	0.75	0.33
NC_1134	2.23	48.09%	1.07	0.33
NC_1135	1.77	35.25%	0.62	1
NC_1136	1.47	8.02%	0.12	1
NC_1137	2.43	13.37%	0.32	1
NC_1138	1.71	53.08%	0.91	0.33
NC_1139	3.07	57.84%	1.78	0.33
NC_1140	1.63	49.02%	0.80	1
NC_1141	0.53	36.92%	0.20	1
NC_1142	1.72	39.20%	0.67	1
NC_1143	0.64	45.02%	0.29	0.33
NC_1144	0.61	32.02%	0.20	1
NC_1145	0.36	3.34%	0.01	1
NC_1146	1.95	51.48%	1.00	0.33
NC_1147	0.40	37.73%	0.15	1
NC_1148	1.29	26.80%	0.35	1

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_1149	0.75	51.31%	0.38	0.33
NC_1150	1.82	47.05%	0.86	1
NC_1151	1.59	37.89%	0.60	1
NC_1152	1.25	47.41%	0.59	0.33
NC_1153	0.21	50.67%	0.11	0.33
NC_1154	0.49	31.81%	0.16	0.33
NC_1155	3.95	34.99%	1.38	1
NC_1156	0.74	60.92%	0.45	1
NC_1157	1.99	22.64%	0.45	1
NC_1158	0.97	31.46%	0.31	1
NC_1159	1.12	8.36%	0.09	0.5
NC_1160	2.80	11.28%	0.32	0.5
NC_1161	0.20	65.10%	0.13	0.33
NC_1162	2.66	31.99%	0.85	1
NC_1163	1.14	59.58%	0.68	0.33
NC_1164	1.66	64.06%	1.06	1
NC_1165	1.71	35.62%	0.61	1
NC_1166	3.23	63.10%	2.04	0.33
NC_1167	3.07	54.13%	1.66	1
NC_1168	2.96	6.38%	0.19	1
NC_1169	4.32	7.21%	0.31	1
NC_1170	7.35	17.86%	1.31	1
NC_1171	1.91	0.32%	0.01	1
NC_1172	1.49	3.79%	0.06	1
NC_1173	6.26	7.30%	0.46	1
NC_1174	2.65	40.94%	1.08	1
NC_1175	1.69	51.82%	0.88	1
NC_1176	3.01	4.00%	0.12	1
NC_1177	2.61	4.28%	0.11	1
NC_1178	2.41	11.96%	0.29	1
NC_1179	1.66	6.82%	0.11	1
NC_1180	1.69	47.81%	0.81	1
NC_1181	2.26	15.90%	0.36	1
NC_1182	2.46	6.08%	0.15	1
NC_1183	1.04	1.55%	0.02	1
NC_1184	0.72	15.73%	0.11	1
NC_1185	1.19	0.23%	0.00	1
NC_1186	1.60	13.94%	0.22	1
NC_1187	0.48	7.38%	0.04	1
NC_1188	2.28	33.18%	0.76	1
NC_1189	1.82	38.13%	0.69	1
NC_1190	1.24	47.69%	0.59	1
NC_1191	3.46	60.18%	2.08	1
NC_1192	1.91	45.31%	0.87	0.33
NC_1193	1.07	51.43%	0.55	1
NC_1194	1.44	24.45%	0.35	1

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_1195	1.64	58.08%	0.95	0.33
NC_1196	2.44	61.26%	1.49	0.33
NC_1197	1.85	64.30%	1.19	0.33
NC_1198	2.46	65.56%	1.61	0.33
NC_1199	1.40	57.98%	0.81	0.5
NC_1200	2.51	63.73%	1.60	0.5
NC_1201	0.42	20.04%	0.08	0.5
NC_1202	0.29	68.21%	0.20	0.33
NC_1203	0.15	61.63%	0.09	0.33
NC_1204	2.28	39.41%	0.90	0.33
NC_1205	1.90	56.44%	1.07	0.33
NC_1206	1.51	64.18%	0.97	1
NC_1207	1.81	62.23%	1.13	0.33
NC_1208	2.41	55.64%	1.34	0.33
NC_1209	1.75	50.14%	0.88	0.33
NC_1210	2.10	44.92%	0.94	1
NC_1211	1.87	51.59%	0.96	0.33
NC_1212	1.46	58.79%	0.86	0.33
NC_1213	1.79	33.07%	0.59	0.33
NC_1214	1.53	51.05%	0.78	1
NC_1215	1.26	29.50%	0.37	0.5
NC_1216	1.22	54.41%	0.66	1
NC_1217	1.63	56.54%	0.92	0.33
NC_1218	2.72	43.57%	1.19	1
NC_1219	2.68	25.87%	0.69	1
NC_1220	5.03	60.00%	3.02	0.33
NC_1221	1.73	60.57%	1.05	0.33
NC_1222	1.12	61.53%	0.69	0.33
NC_1223	1.11	68.77%	0.76	0.33
NC_1224	0.17	52.03%	0.09	0.33
NC_1225	0.94	48.21%	0.45	0.33
NC_1226	4.44	17.67%	0.78	1
NC_1227	2.20	37.07%	0.82	1
NC_1228	0.96	39.29%	0.38	1
NC_1229	2.10	63.60%	1.34	1
NC_1230	1.63	62.61%	1.02	0.33
NC_1231	1.79	65.29%	1.17	0.33
NC_1232	3.62	11.83%	0.43	0.5
NC_1233	0.45	60.51%	0.27	0.5
NC_1234	0.33	30.88%	0.10	0.5
NC_1235	0.96	51.34%	0.49	1
NC_1236	1.70	32.27%	0.55	1
NC_1237	4.53	46.23%	2.09	1
NC_1238	0.93	49.47%	0.46	0.33
NC_1239	0.55	53.04%	0.29	0.33
NC_1240	2.20	53.47%	1.18	0.33

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_1241	0.79	43.04%	0.34	0.33
NC_1242	0.98	48.01%	0.47	0.33
NC_1243	1.24	55.26%	0.69	0.33
NC_1244	0.27	45.64%	0.12	0.33
NC_1245	0.45	45.70%	0.21	0.33
NC_1246	1.94	58.36%	1.13	1
NC_1247	0.71	60.78%	0.43	0.33
NC_1248	2.40	52.28%	1.25	0.33
NC_1249	1.75	4.56%	0.08	1
NC_1250	1.47	33.24%	0.49	0.5
NC_1251	1.56	10.57%	0.16	1
NC_1252	1.01	34.30%	0.35	0.33
NC_1253	1.12	31.20%	0.35	0.5
NC_1254	1.75	4.19%	0.07	0.33
NC_1255	1.81	16.34%	0.30	0.5
NC_1256	5.60	23.88%	1.34	0.5
NC_1257	0.84	35.13%	0.30	0.5
NC_1258	1.62	22.36%	0.36	0.33
NC_1259	1.39	50.24%	0.70	0.5
NC_1260	2.49	19.33%	0.48	0.33
NC_1261	6.80	19.67%	1.34	1
NC_1262	0.62	0%	0.00	1
NC_1263	4.13	73.64%	3.04	1
NC_1264	1.77	21.79%	0.39	0.5
NC_1265	2.12	34.48%	0.73	0.5
NC_1266	2.17	23.44%	0.51	0.5
NC_1267	1.65	20.92%	0.35	0.33
NC_1268	1.58	34.71%	0.55	0.33
NC_1269	1.55	34.56%	0.54	0.5
NC_1270	0.63	40.75%	0.26	0.5
NC_1271	1.52	36.35%	0.55	0.33
NC_1272	0.65	1.21%	0.01	1
NC_1273	2.26	13.83%	0.31	1
NC_1274	1.58	34.52%	0.55	1
NC_1275	1.24	11.71%	0.15	1
NC_1276	1.67	55.54%	0.93	0.33
NC_1277	1.31	8.50%	0.11	0.33
NC_1278	1.39	70.70%	0.98	0.33
NC_1279	0.29	63.93%	0.19	0.5
NC_1280	1.52	76.00%	1.16	0.33
NC_1281	2.01	69.49%	1.40	0.33
NC_1282	1.54	57.87%	0.89	0.33
NC_1283	1.40	68.41%	0.96	0.33
NC_1284	1.34	73.44%	0.98	0.33
NC_1285	1.90	57.94%	1.10	0.33
NC_1286	1.53	59.15%	0.91	0.33

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_1287	1.52	51.80%	0.79	0.33
NC_1288	3.24	73.49%	2.38	0.33
NC_1289	1.46	55.53%	0.81	0.33
NC_1290	1.66	44.20%	0.73	0.33
NC_1291	1.82	49.81%	0.91	0.33
NC_1292	0.23	31.36%	0.07	0.33
NC_1293	1.94	47.00%	0.91	0.33
NC_1294	2.41	30.03%	0.72	0.5
NC_1295	1.50	45.35%	0.68	0.33
NC_1296	2.08	51.83%	1.08	0.33
NC_1297	2.86	27.89%	0.80	0.33
NC_1298	1.57	59.44%	0.93	0.33
NC_1299	1.57	50.91%	0.80	0.33
NC_1300	1.71	50.86%	0.87	0.33
NC_1301	5.30	31.35%	1.66	1
NC_1302	1.64	57.26%	0.94	0.33
NC_1303	0.92	34.57%	0.32	1
NC_1304	1.43	27.49%	0.39	1
NC_1305	1.65	54.39%	0.90	0.33
NC_1306	1.37	57.54%	0.79	0.33
NC_1307	0.59	53.58%	0.32	0.33
NC_1308	1.50	56.64%	0.85	0.33
NC_1309	1.19	60.56%	0.72	0.33
NC_1310	2.08	53.59%	1.11	0.33
NC_1311	1.05	28.87%	0.30	0.33
NC_1312	2.05	56.49%	1.16	1
NC_1313	2.58	50.95%	1.31	0.33
NC_1314	1.54	56.59%	0.87	0.33
NC_1315	1.69	50.86%	0.86	0.33
NC_1316	1.76	48.20%	0.85	0.33
NC_1317	1.90	47.87%	0.91	0.33
NC_1318	1.86	54.66%	1.02	0.33
NC_1319	2.22	53.07%	1.18	1
NC_1320	1.40	58.09%	0.81	0.33
NC_1321	3.80	45.92%	1.74	1
NC_1322	0.74	33.18%	0.25	1
NC_1323	1.07	33.14%	0.35	0.33
NC_1324	4.73	18.69%	0.88	1
NC_1325	0.48	51.61%	0.25	1
NC_1326	1.29	27.65%	0.36	1
NC_1327	4.61	50.24%	2.32	1
NC_1328	0.71	47.43%	0.34	1
NC_1329	1.96	37.92%	0.74	1
NC_1330	4.14	20.30%	0.84	1
NC_1331	1.19	16.55%	0.20	1
NC_1332	2.24	23.09%	0.52	1

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_1333	4.00	53.03%	2.12	1
NC_1334	2.08	32.54%	0.68	1
NC_1335	3.01	63.28%	1.90	0.33
NC_1336	1.14	60.04%	0.68	0.33
NC_1337	0.86	22.94%	0.20	0.33
NC_1338	1.91	60.72%	1.16	0.33
NC_1339	2.16	11.22%	0.24	1
NC_1340	1.57	41.15%	0.65	1
NC_1341	2.95	43.71%	1.29	1
NC_1342	0.83	52.71%	0.44	1
NC_1343	2.06	59.65%	1.23	0.33
NC_1344	2.90	23.57%	0.68	1
NC_1345	1.52	14.88%	0.23	1
NC_1346	1.64	27.80%	0.46	1
NC_1347	2.11	46.10%	0.97	0.33
NC_1348	1.47	49.77%	0.73	0.33
NC_1349	3.19	44.67%	1.42	0.33
NC_1350	1.89	38.74%	0.73	0.33
NC_1351	1.77	48.49%	0.86	0.33
NC_1352	1.90	49.63%	0.94	0.33
NC_1353	1.64	45.47%	0.75	0.33
NC_1354	3.15	43.92%	1.38	0.33
NC_1355	2.29	44.27%	1.01	0.33
NC_1356	2.41	42.83%	1.03	0.33
NC_1357	0.96	56.40%	0.54	0.33
NC_1358	3.08	43.01%	1.32	0.33
NC_1359	1.73	50.85%	0.88	0.33
NC_1360	0.86	46.80%	0.40	0.33
NC_1361	0.94	19.91%	0.19	0.33
NC_1362	1.78	45.12%	0.80	0.33
NC_1363	2.85	32.27%	0.92	0.33
NC_1364	1.17	47.92%	0.56	0.33
NC_1365	2.79	44.45%	1.24	0.33
NC_1366	0.96	47.41%	0.46	0.33
NC_1367	2.17	47.03%	1.02	0.33
NC_1368	1.07	56.24%	0.60	0.33
NC_1369	1.49	53.75%	0.80	0.33
NC_1370	1.91	51.86%	0.99	0.33
NC_1371	0.89	20.14%	0.18	1
NC_1372	0.23	48.93%	0.11	0.33
NC_1373	1.63	46.32%	0.75	1
NC_1374	0.98	52.73%	0.52	0.33
NC_1375	0.37	48.77%	0.18	0.33
NC_1376	1.41	43.48%	0.61	0.33
NC_1377	2.46	13.00%	0.32	1
NC_1378	1.66	25.64%	0.43	1

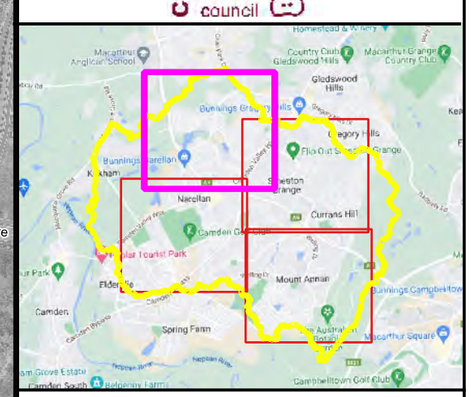
Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_1379	0.66	58.58%	0.39	1
NC_1380	1.20	59.62%	0.72	0.33
NC_1381	1.89	24.51%	0.46	1
NC_1382	2.32	48.43%	1.12	0.33
NC_1383	1.45	55.05%	0.80	1
NC_1384	1.24	45.85%	0.57	0.33
NC_1385	1.65	63.30%	1.04	1
NC_1386	1.54	39.51%	0.61	1
NC_1387	2.13	56.61%	1.21	1
NC_1388	1.19	19.53%	0.23	1
NC_1389	1.60	38.50%	0.62	0.33
NC_1390	2.64	53.70%	1.42	0.33
NC_1391	1.83	47.18%	0.86	0.33
NC_1392	0.96	51.26%	0.49	0.33
NC_1393	2.43	30.12%	0.73	1
NC_1394	0.48	57.16%	0.27	1
NC_1395	1.42	17.53%	0.25	1
NC_1396	1.78	37.58%	0.67	1
NC_1397	1.90	54.55%	1.04	1
NC_1398	1.58	52.75%	0.83	1
NC_1399	1.65	53.76%	0.89	1
NC_1400	1.68	44.65%	0.75	1
NC_1401	0.32	25.48%	0.08	1
NC_1402	0.08	78.93%	0.06	1
NC_1403	1.33	67.01%	0.89	1
NC_1404	0.99	66.68%	0.66	0.33
NC_1405	1.90	53.51%	1.02	1
NC_1406	0.10	62.52%	0.06	0.33
NC_1407	0.46	24.45%	0.11	0.33
NC_1408	2.35	46.78%	1.10	0.33
NC_1409	2.46	44.02%	1.08	0.33
NC_1410	1.64	59.36%	0.97	0.33
NC_1411	3.73	56.51%	2.11	0.33
NC_1412	1.16	25.26%	0.29	1
NC_1413	0.69	55.42%	0.38	0.33
NC_1414	1.68	65.71%	1.10	0.33
NC_1415	1.50	66.89%	1.00	1
NC_1416	0.85	65.29%	0.55	0.33
NC_1417	1.95	68.18%	1.33	1
NC_1418	1.66	71.45%	1.19	1
NC_1419	1.33	68.72%	0.91	1
NC_1420	1.65	61.94%	1.02	1
NC_1421	2.94	50.66%	1.49	1
NC_1422	1.37	73.98%	1.01	0.33
NC_1423	0.58	70.41%	0.41	0.33
NC_1424	1.53	22.88%	0.35	0.33

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_1425	1.08	55.47%	0.60	1
NC_1426	2.55	68.09%	1.74	0.33
NC_1427	1.07	64.72%	0.69	0.33
NC_1428	1.78	78.63%	1.40	0.33
NC_1429	3.17	77.14%	2.45	0.33
NC_1430	3.57	68.54%	2.45	0.33
NC_1431	0.99	72.05%	0.71	0.33
NC_1432	0.76	65.78%	0.50	0.33
NC_1433	1.25	64.08%	0.80	0.33
NC_1434	0.84	64.87%	0.54	0.33
NC_1435	2.15	55.62%	1.20	1
NC_1436	2.47	33.87%	0.84	0.33
NC_1437	1.70	58.89%	1.00	0.33
NC_1438	3.74	66.39%	2.48	0.33
NC_1439	1.59	9.15%	0.15	0.33
NC_1440	0.64	62.38%	0.40	0.33
NC_1441	1.55	63.92%	0.99	0.33
NC_1442	0.61	54.66%	0.33	0.33
NC_1443	2.08	57.70%	1.20	0.33
NC_1444	1.53	61.95%	0.95	0.33
NC_1445	1.69	59.49%	1.01	0.33
NC_1446	1.07	66.05%	0.71	1
NC_1447	1.53	58.95%	0.90	0.33
NC_1448	1.25	35.00%	0.44	1
NC_1449	3.41	61.76%	2.11	0.33
NC_1450	1.92	63.62%	1.22	0.33
NC_1451	2.07	53.56%	1.11	0.33
NC_1452	1.87	53.48%	1.00	0.33
NC_1453	1.65	58.15%	0.96	0.33
NC_1454	3.10	64.32%	1.99	0.33
NC_1455	3.82	19.84%	0.76	1
NC_1456	1.62	35.58%	0.58	1
NC_1457	2.78	2.16%	0.06	1
NC_1458	3.57	54.11%	1.93	0.33
NC_1459	1.68	12.96%	0.22	1
NC_1460	1.43	57.93%	0.83	1
NC_1461	1.85	55.45%	1.03	0.33
NC_1462	1.13	47.90%	0.54	0.33
NC_1463	1.02	52.37%	0.53	0.33
NC_1464	1.65	51.35%	0.85	0.33
NC_1465	1.98	47.58%	0.94	0.33
NC_1466	1.66	56.06%	0.93	0.33
NC_1467	1.54	52.61%	0.81	0.33
NC_1468	1.67	51.37%	0.86	0.33
NC_1469	2.33	57.56%	1.34	0.33
NC_1470	1.66	54.58%	0.91	0.33

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_1471	2.75	56.67%	1.56	0.33
NC_1472	1.51	54.88%	0.83	0.33
NC_1473	1.53	57.92%	0.89	0.33
NC_1474	1.59	59.73%	0.95	0.33
NC_1475	2.84	49.74%	1.41	0.33
NC_1476	0.94	62.35%	0.59	0.33
NC_1477	1.51	45.31%	0.68	0.33
NC_1478	1.46	42.07%	0.61	1
NC_1479	7.81	0.88%	0.07	0.33
NC_1480	7.01	1.32%	0.09	0.33
NC_1481	6.41	0.09%	0.01	0.33
NC_1482	1.45	0.05%	0.00	0.33
NC_1483	1.76	10.76%	0.19	0.33
NC_1484	2.75	1.16%	0.03	0.33
NC_1485	4.04	18.42%	0.74	0.33
NC_1486	2.69	0%	0.00	0.33
NC_1487	0.56	39.41%	0.22	1
NC_1488	1.64	56.73%	0.93	0.33
NC_1489	2.99	47.93%	1.43	1
NC_1490	4.10	1.77%	0.07	0.33
NC_1491	0.92	58.10%	0.53	0.5
NC_1492	5.88	73.69%	4.33	0.5
NC_1493	3.86	73.63%	2.84	0.5
NC_1494	2.75	54.00%	1.49	0.33
NC_1495	3.08	77.27%	2.38	0.33
NC_1496	2.48	63.07%	1.56	0.33
NC_1497	2.95	60.89%	1.80	0.33
NC_1498	1.31	30.69%	0.40	0.33
NC_1499	1.51	48.15%	0.73	0.33
NC_1500	2.27	33.65%	0.76	0.5
NC_1501	1.92	18.56%	0.36	1
NC_1502	1.23	60.29%	0.74	0.33
NC_1503	2.84	59.96%	1.70	0.33
NC_1504	1.25	41.71%	0.52	0.33
NC_1505	0.63	56.93%	0.36	0.33
NC_1506	1.42	47.35%	0.67	0.33
NC_1507	3.59	52.07%	1.87	0.33
NC_1508	2.53	45.34%	1.15	0.33
NC_1509	4.37	41.11%	1.80	1
NC_1510	2.31	45.82%	1.06	0.33
NC_1511	2.00	55.70%	1.11	0.33
NC_1512	2.20	47.51%	1.05	0.33
NC_1513	2.87	43.13%	1.24	0.33
NC_1514	2.64	42.75%	1.13	0.33
NC_1515	2.69	46.92%	1.26	0.33
NC_1516	3.46	48.97%	1.69	0.33

Subcatchment ID	Area [ha]	Effective Impervious		Stream Lag Factor
		Percentage	Area [ha]	
NC_1517	1.77	48.56%	0.86	0.33
NC_1518	1.76	40.98%	0.72	0.33
NC_1519	2.52	29.23%	0.74	0.33
NC_1520	1.76	50.43%	0.89	1
NC_1521	2.58	44.06%	1.14	0.33
NC_1522	1.25	50.35%	0.63	0.33
NC_1523	0.63	52.11%	0.33	0.33
NC_1524	4.57	50.25%	2.30	0.33
NC_1525	3.59	29.16%	1.05	0.33
NC_1526	3.09	48.95%	1.51	0.33
NC_1527	0.83	61.80%	0.51	0.33
NC_1528	1.01	64.41%	0.65	0.33
NC_1529	1.25	48.57%	0.61	0.33
NC_1530	3.32	14.72%	0.49	1
NC_1531	1.12	47.17%	0.53	0.33
NC_1532	2.54	32.64%	0.83	1
NC_1533	8.56	50.14%	4.29	1
NC_1534	1.86	35.48%	0.66	1
NC_1535	1.95	41.76%	0.81	1
NC_1536	1.63	55.26%	0.90	0.33
NC_1537	3.23	6.96%	0.22	1
NC_1538	3.31	75.36%	2.49	1

Appendix D
Blockage Calculations



Legend

- Catchment Boundary
- Hydraulic Structure

Notes:
Aerial photograph: Camden Council 2023

N

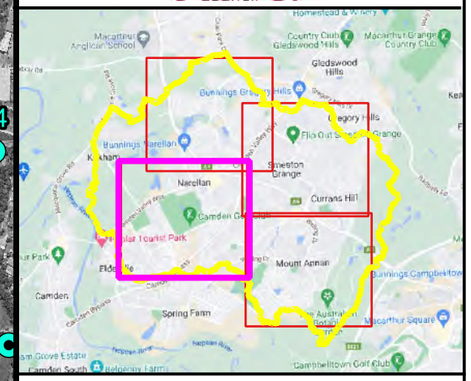
Scale: 1:10,000 (at A3)

0 100 200 300 m

Appendix D.1 : Blockage Locations

Prepared by:
Catchment Simulation Solutions
Suite 1, Level 10, 70 Phillip St
Sydney, NSW, 2000

File Path: T:\~Projects\J666 - Narellan Creek FS\Figures\QGIS\J666 - Narellan Creek FS_Plates.qgz



Legend

- Catchment Boundary
- Hydraulic Structure

Notes:
Aerial photograph: Camden Council 2023

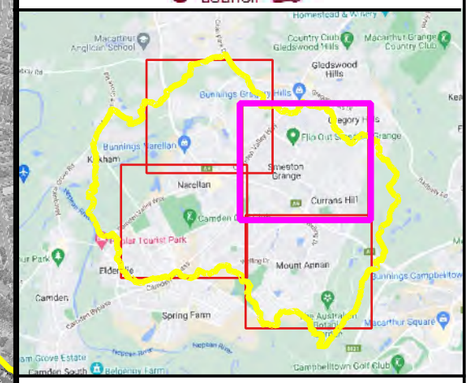
N

Scale: 1:10,000 (at A3)
0 100 200 300 m

Appendix D.2 : Blockage Locations

Prepared by:
Catchment Simulation Solutions
Suite 1, Level 10, 70 Phillip St
Sydney, NSW, 2000

File Path: T:\~Projects\J666 - Narellan Creek FS\Figures\QGIS\J666 - Narellan Creek FS_Plates.qgz



Legend

- Catchment Boundary
- Hydraulic Structure

Notes:
Aerial photograph: Camden Council 2023

N

Scale: 1:10,000 (at A3)

0 100 200 300 m

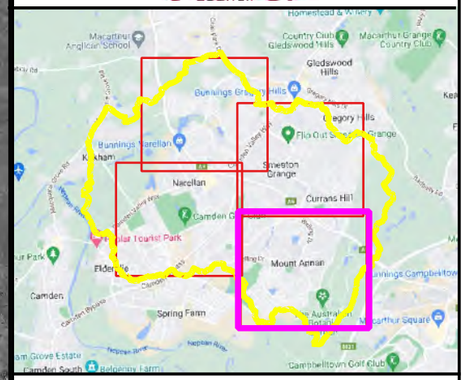
Appendix D.3 : Blockage Locations

Prepared by:

Catchment Simulation Solutions
Suite 1, Level 10, 70 Phillip St
Sydney, NSW, 2000

File Path: T:\~Projects\J666 - Narellan Creek FS\Figures\QGIS\J666 - Narellan Creek FS_Plates.qgz

camden council



Legend

- Catchment Boundary
- Hydraulic Structure

Notes:
Aerial photograph: Camden Council 2023

N

Scale: 1:10,000 (at A3)
0 100 200 300 m

Appendix D.4 : Blockage Locations

Prepared by:
Catchment Simulation Solutions
Suite 1, Level 10, 70 Phillip St
Sydney, NSW, 2000

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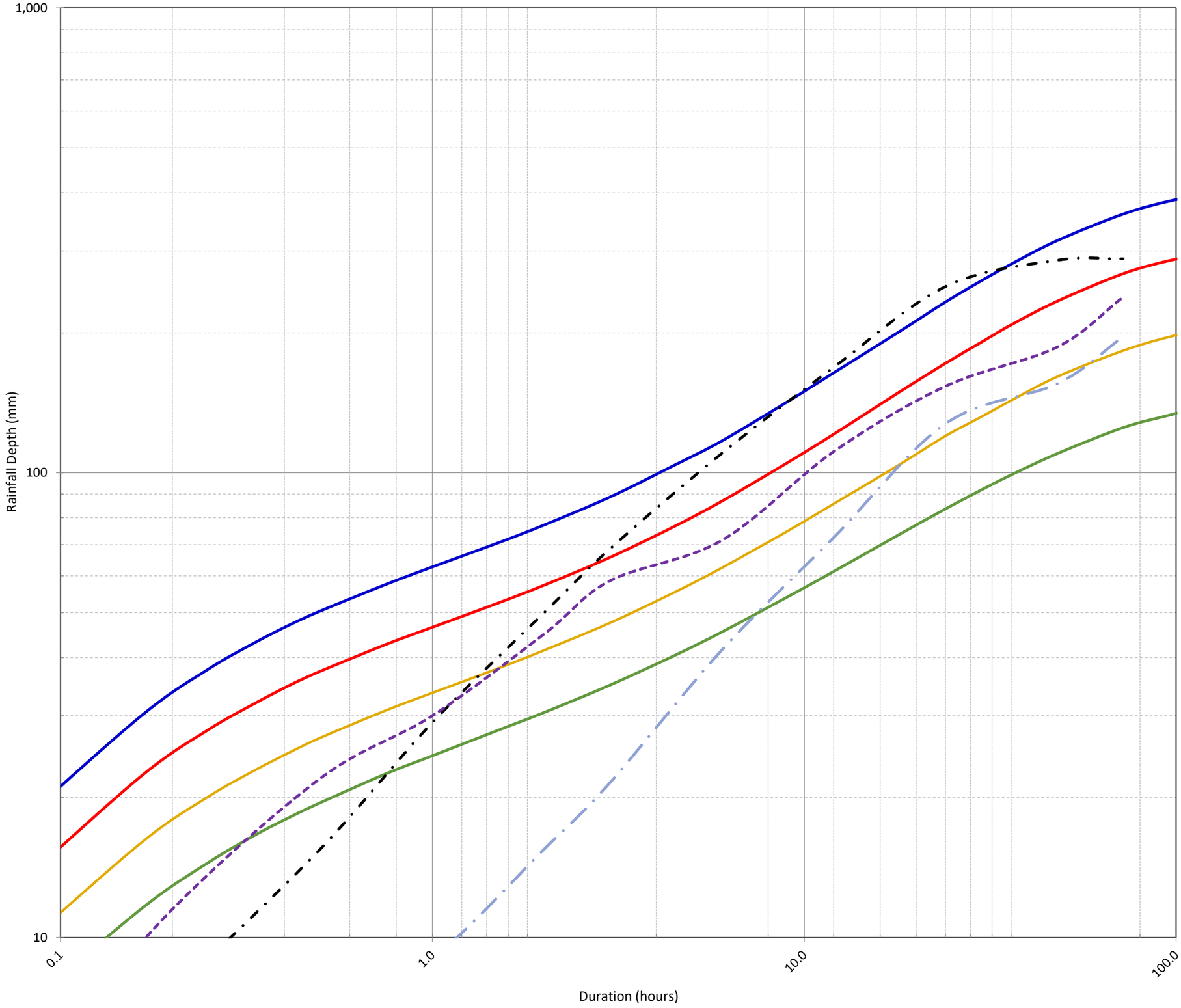
STRUCTURE BLOCKAGE ASSESSMENT

Figure ID	Structure Type	Structure Dimensions			Max. L10 (m)	Control Dimension	Main Stream Slope (%)	Debris Availability (L, M, H)	Debris Mobility (L, M, H)	Debris Transportability (L, M, H)	Debris Potential	Debris Potential at Structure	Adjustment for AEP			Design Blockage Level		
		Dia/Width/Span	Height	Cells / Spans									AEP >5%	AEP 5%-0.5%	AEP < 0.5%	AEP >5%	AEP 5%-0.5%	AEP < 0.5%
1	Culvert	2.1	9	1	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
2	Culvert	3.65	0	1	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
3	Culvert	3	2.4	1	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
4	Culvert	3	2.4	1	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
5	Culvert	3	2.4	2	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
6	Culvert	2.4	1.5	5	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
7	Culvert	2.1	0.6	2	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
8	Culvert	2.1	2.1	4	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
9	Culvert	3.65	0	1	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
10	Culvert	3.8	1.5	6	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
11	Culvert	3.04	1.2	2	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
12	Culvert	3.3	1.2	2	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
13	Culvert	7	1.2	0	1.50	W>3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	0%
14	Culvert	0.9	0	1	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
15	Culvert	1.05	1.05	2	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
16	Culvert	3.3	2.1	1	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
17	Culvert	1.2	1.2	3	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
18	Culvert	0.6	0	1	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
19	Culvert	0.9	0	1	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
20	Culvert	0.9	0	1	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
21	Culvert	0.38	0	0	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
22	Culvert	0.45	0	1	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
23	Culvert	0.38	0	0	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
24	Culvert	0.9	0	1	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
25	Culvert	0.6	0	1	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
26	Culvert	0.45	0	1	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
27	Culvert	0.45	0	1	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
28	Culvert	0.45	0	1	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
29	Culvert	0.45	0	1	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
30	Culvert	3	2.4	2	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
31	Culvert	2.7	2.14	3	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
32	Culvert	0.45	0	1	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
33	Culvert	0.45	0	1	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
34	Culvert	2.4	2.22	3	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
35	Culvert	1.8	0.6	4	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
36	Culvert	2.9	1.2	2	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
37	Culvert	3.5	0.6	1	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
38	Culvert	2.1	1.35	3	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
39	Culvert	1.2	1.2	3	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
40	Culvert	3.6	1.2	2	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
41	Culvert	2.7	2.14	3	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
42	Culvert	2.4	0.9	0	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
43	Culvert	3	1.2	7	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
44	Culvert	5	2.9	1	1.50	W>3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	0%
45	Culvert	1.8	1.8	5	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
46	Culvert	0.38	0	0	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
47	Culvert	0.38	0	0	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
48	Culvert	1.7	1.7	3	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
49	Culvert	1.67	1.67	2	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
50	Culvert	2.7	1.2	2	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
51	Culvert	2.1	0.9	2	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
52	Culvert	0.9	0	2	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
53	Culvert	2.1	0.9	2	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
54	Culvert	0.6	0	1	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
55	Culvert	2.4	0.6	3	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
56	Culvert	6	0.9	1	1.50	W>3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	0%
57	Culvert	2.1	0.9	6	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
58	Culvert	3	1.2	7	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
59	Culvert	1.4	0.9	6	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
60	Culvert	2.7	1.8	4	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
61	Culvert	2.7	1.8	4	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
62	Culvert	2.4	1.5	5	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
63	Culvert	1.8	0.9	3	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
64	Culvert	2.1	0.6	2	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
65	Culvert	1.2	0	1	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
66	Culvert	2	0.6	1	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
67	Culvert	3	1.2	1	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
68	Culvert	8	1.2	0	1.50	W>3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	0%
69	Culvert	12	1.5	1	1.50	W>3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	0%
70	Culvert	3.5	1.2	2	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
71	Culvert	3.5	1.2	2	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
72	Culvert	4.2	3	5	3.00	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	10%	25%
73	Culvert	4.2	2.9	1	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%

74	Culvert	0.6	0	1	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
75	Culvert	3.9	0	1	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
76	Culvert	0.53	0	1	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
77	Culvert	3.5	1.2	2	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
78	Culvert	1.2	0.9	2	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
79	Culvert	1.05	1.05	1	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
80	Culvert	3	1.5	2	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
81	Culvert	2.14	2.14	3	3.00	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
82	Culvert	2.4	2.4	1	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
83	Culvert	2.4	1.5	5	3.00	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
84	Culvert	2.4	1.2	3	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
85	Culvert	2.7	0.6	5	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
86	Culvert	3.6	0.6	1	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
87	Culvert	2.4	1.5	3	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
88	Culvert	5.5	0.9	1	1.50	W>3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	0%
89	Culvert	20	1.5	1	1.50	W>3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	0%
90	Culvert	4	0.9	1	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
91	Culvert	4	0.9	1	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
92	Culvert	9	0.9	0	1.50	W>3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	0%
93	Culvert	12	1.2	0	1.50	W>3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	0%
94	Culvert	4	1.2	1	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
95	Culvert	3	0.9	1	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
96	Culvert	1.8	0.9	1	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
97	Culvert	1.8	0.9	1	1.50	L<W<3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	10%
98	Culvert	0.68	0	4	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
99	Culvert	1.2	0	3	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%
100	Bridge	37	3.04	1	1.50	W>3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	0%
101	Bridge	10	1.22	1	1.50	W>3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	0%
102	Bridge	24	1.05	1	1.50	W>3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	0%
103	Bridge	20	2.2	1	1.50	W>3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	0%
104	Bridge	75	1.89	1	1.50	W>3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	0%
105	Bridge	22	0.73	1	1.50	W>3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	0%
106	Bridge	13	0.52	1	1.50	W>3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	0%
107	Bridge	25	1	1	1.50	W>3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	0%
108	Bridge	15	0.37	1	1.50	W>3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	0%
109	Bridge	40	5	1	1.50	W>3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	0%
110	Bridge	14	0.5	1	1.50	W>3L	1	M	L	M	**MLM**	Low	Low	Low	Medium	0%	0%	0%
111	Weir	0.15	0.5	150	1.50	W<L	1	M	L	M	**MLM**	Low	Low	Low	Medium	25%	25%	50%

Appendix E

Intensity-Frequency-Duration Curves



LEGEND:

- 1% AEP
- 5% AEP
- 20% AEP
- 50% AEP
- 2016-Jun
- 2022-Mar
- 2022-Jul

Notes:
IFD curves are based upon 2016 IFD data extracted at the centroid of the catchment

Figure E1:
Design Intensity - Frequency - Duration Curves
Vs
Historic Rainfall

Prepared By:
Catchment Simulation Solutions
Suite 10.01, Phillip St Street
Sydney, NSW, 2000

File Name: IFD Vs Historic Rainfall.xlsx

Appendix F

WBNM Calibration Outputs

WBNM CALIBRATION OUTPUTS

Subcatchment ID	Jun-16		Mar-22		Jul-22	
	Rainfall [mm]	Peak Flow [m^3/s]	Rainfall [mm]	Peak Flow [m^3/s]	Rainfall [mm]	Peak Flow [m^3/s]
NC_1	288.69	199.06	423.76	161.58	204.19	56.19
NC_2	308.34	0.41	430.24	0.54	226.20	0.14
NC_3	308.62	0.16	430.37	0.23	226.45	0.07
NC_4	308.54	0.58	430.33	0.69	226.39	0.19
NC_5	304.73	2.41	429.07	3.56	222.19	1.12
NC_6	307.67	0.46	430.05	0.67	225.41	0.22
NC_7	307.18	0.37	429.88	0.54	224.88	0.18
NC_8	308.96	0.26	430.51	0.36	226.77	0.10
NC_9	308.08	0.69	430.20	1.03	225.85	0.30
NC_10	307.90	3.29	430.13	3.68	225.67	1.07
NC_11	303.85	1.39	428.79	2.05	221.21	0.64
NC_12	308.23	0.27	430.24	0.39	226.02	0.12
NC_13	298.22	0.19	427.13	0.28	214.65	0.07
NC_14	303.11	0.52	428.56	0.77	220.39	0.25
NC_15	308.76	0.77	430.43	0.95	226.57	0.26
NC_16	290.01	0.20	424.82	0.31	204.79	0.09
NC_17	308.68	0.19	430.40	0.28	226.50	0.07
NC_18	302.32	0.64	428.32	0.92	219.46	0.27
NC_19	308.18	0.38	430.18	0.50	226.05	0.13
NC_20	308.05	0.19	430.12	0.28	225.94	0.07
NC_21	307.31	4.10	429.92	4.54	225.04	1.31
NC_22	296.53	0.21	426.67	0.31	212.61	0.09
NC_23	308.56	1.37	430.35	1.68	226.39	0.46
NC_24	297.26	0.54	426.87	0.79	213.49	0.19
NC_25	301.93	0.29	428.19	0.43	219.03	0.14
NC_26	300.08	0.19	427.66	0.29	216.86	0.08
NC_27	289.88	0.23	424.92	0.35	204.42	0.11
NC_28	301.04	0.41	427.94	0.58	217.99	0.16
NC_29	289.93	0.32	424.76	0.50	204.74	0.15
NC_30	308.64	7.88	430.38	7.24	226.47	1.89
NC_31	307.69	0.19	429.96	0.28	225.63	0.07
NC_32	308.04	0.79	430.12	1.10	225.92	0.29
NC_33	308.23	0.20	430.21	0.29	226.07	0.08
NC_34	308.44	10.06	430.29	9.79	226.28	2.62
NC_35	298.77	0.30	427.29	0.44	215.30	0.12
NC_36	307.61	1.45	429.93	2.05	225.54	0.57
NC_37	294.71	0.21	426.21	0.32	210.37	0.10
NC_38	303.65	0.24	428.71	0.36	221.01	0.12
NC_39	308.23	0.23	430.22	0.34	226.06	0.10
NC_40	308.12	10.02	430.16	9.82	225.97	2.62
NC_41	289.77	0.40	424.84	0.61	204.37	0.16
NC_42	307.62	0.37	430.01	0.55	225.40	0.14
NC_43	293.51	0.44	425.91	0.68	208.85	0.20
NC_44	306.56	0.21	429.65	0.31	224.26	0.10

Subcatchment ID	Jun-16		Mar-22		Jul-22	
NC_45	289.72	0.26	424.63	0.41	204.59	0.12
NC_46	307.33	0.22	429.80	0.31	225.31	0.08
NC_47	303.89	0.57	428.78	0.84	221.30	0.28
NC_48	289.65	0.61	424.86	0.94	204.14	0.27
NC_49	305.89	17.56	429.43	9.79	223.51	4.75
NC_50	307.81	0.23	430.04	0.33	225.68	0.09
NC_51	293.33	0.70	425.87	1.06	208.62	0.32
NC_52	297.87	0.71	427.03	0.99	214.25	0.26
NC_53	307.14	1.21	429.71	1.70	225.14	0.47
NC_54	289.56	0.40	425.00	0.62	203.77	0.18
NC_55	307.89	0.21	430.10	0.30	225.70	0.10
NC_56	296.85	0.21	426.76	0.32	213.00	0.10
NC_57	300.41	0.32	427.74	0.48	217.27	0.14
NC_58	303.91	17.00	428.78	9.80	221.35	4.51
NC_59	307.33	0.32	429.90	0.47	225.11	0.15
NC_60	305.70	0.22	429.36	0.32	223.34	0.10
NC_61	289.71	0.25	424.70	0.38	204.48	0.10
NC_62	289.37	3.08	425.02	4.73	203.43	1.32
NC_63	307.01	0.23	429.80	0.33	224.75	0.11
NC_64	307.15	0.81	429.85	1.17	224.90	0.31
NC_65	289.42	0.29	424.98	0.45	203.57	0.14
NC_66	292.29	0.22	425.64	0.34	207.29	0.11
NC_67	297.37	1.03	426.88	1.43	213.66	0.36
NC_68	289.40	0.22	424.96	0.33	203.57	0.10
NC_69	296.01	1.19	426.53	1.52	211.99	0.41
NC_70	307.44	0.22	429.93	0.32	225.25	0.10
NC_71	307.77	0.21	430.03	0.31	225.61	0.10
NC_72	302.99	0.22	428.47	0.33	220.33	0.10
NC_73	299.63	0.54	427.51	0.79	216.39	0.22
NC_74	306.82	0.20	429.55	0.29	224.89	0.08
NC_75	289.36	3.49	425.00	5.47	203.43	1.48
NC_76	293.13	0.74	425.82	1.13	208.37	0.34
NC_77	293.99	1.17	426.02	1.67	209.47	0.46
NC_78	289.43	0.23	424.84	0.35	203.82	0.10
NC_79	306.82	0.28	429.71	0.42	224.60	0.14
NC_80	306.75	0.77	429.54	1.08	224.80	0.30
NC_81	289.67	0.41	424.67	0.65	204.44	0.16
NC_82	306.38	1.41	429.56	1.97	224.12	0.53
NC_83	288.97	0.25	424.98	0.38	202.82	0.12
NC_84	305.53	0.28	429.29	0.42	223.18	0.13
NC_85	306.21	0.21	429.26	0.30	224.40	0.09
NC_86	289.27	1.20	424.93	1.86	203.41	0.57
NC_87	289.04	0.32	425.02	0.50	202.88	0.15
NC_88	307.47	1.10	429.92	1.61	225.30	0.49
NC_89	307.45	0.18	429.88	0.27	225.35	0.07
NC_90	293.13	2.09	425.82	3.07	208.38	0.88
NC_91	302.06	0.21	428.21	0.31	219.23	0.10
NC_92	307.36	0.21	429.86	0.31	225.24	0.10

Subcatchment ID	Jun-16		Mar-22		Jul-22	
NC_93	306.66	0.46	429.49	0.63	224.75	0.17
NC_94	303.58	0.50	428.65	0.75	221.02	0.24
NC_95	307.11	0.44	429.79	0.65	224.94	0.21
NC_96	289.57	0.68	424.63	1.06	204.35	0.28
NC_97	301.89	0.22	428.13	0.32	219.09	0.10
NC_98	298.91	0.76	427.29	1.12	215.55	0.32
NC_99	289.41	1.50	424.88	2.32	203.71	0.69
NC_100	289.52	0.25	424.55	0.38	204.37	0.11
NC_101	301.38	0.64	428.00	0.95	218.45	0.30
NC_102	303.80	17.47	428.71	10.20	221.28	4.64
NC_103	289.47	0.21	424.81	0.33	203.93	0.10
NC_104	306.89	0.19	429.62	0.28	224.90	0.08
NC_105	307.23	2.20	429.82	3.23	225.08	1.01
NC_106	306.65	0.22	429.63	0.32	224.45	0.11
NC_107	306.17	0.38	429.25	0.55	224.35	0.15
NC_108	291.42	0.26	425.45	0.40	206.15	0.12
NC_109	289.24	2.69	424.89	4.48	203.42	1.23
NC_110	301.04	0.23	427.86	0.34	218.14	0.11
NC_111	288.98	0.21	425.02	0.32	202.78	0.10
NC_112	307.07	0.40	429.72	0.53	225.01	0.14
NC_113	297.71	0.29	426.95	0.44	214.14	0.14
NC_114	288.97	0.24	424.94	0.36	202.88	0.11
NC_115	305.78	0.19	429.06	0.28	224.05	0.07
NC_116	299.87	0.89	427.55	1.33	216.72	0.42
NC_117	289.32	0.43	424.80	0.67	203.69	0.20
NC_118	306.45	0.21	429.41	0.31	224.53	0.09
NC_119	306.73	2.47	429.63	3.63	224.60	1.15
NC_120	304.93	0.47	429.05	0.67	222.58	0.20
NC_121	306.80	0.56	429.62	0.68	224.75	0.19
NC_122	306.76	0.22	429.62	0.32	224.66	0.10
NC_123	306.46	0.59	429.43	0.85	224.50	0.22
NC_124	289.08	7.84	424.90	12.59	203.14	3.39
NC_125	288.85	0.22	424.99	0.33	202.61	0.11
NC_126	300.07	0.40	427.57	0.61	217.00	0.18
NC_127	305.97	0.26	429.20	0.38	224.11	0.12
NC_128	296.12	0.44	426.51	0.67	212.23	0.21
NC_129	305.78	1.64	429.08	2.23	224.00	0.58
NC_130	305.49	0.23	429.19	0.35	223.28	0.11
NC_131	305.85	0.76	429.12	0.97	224.06	0.25
NC_132	293.21	0.20	425.82	0.31	208.52	0.09
NC_133	304.74	0.73	428.96	1.07	222.43	0.35
NC_134	288.80	0.22	425.01	0.35	202.49	0.10
NC_135	305.40	0.55	428.89	0.67	223.70	0.18
NC_136	288.84	0.21	425.00	0.32	202.57	0.10
NC_137	305.49	0.19	428.92	0.27	223.81	0.07
NC_138	290.70	3.65	425.30	5.44	205.20	1.58
NC_139	305.31	0.39	428.84	0.53	223.65	0.13
NC_140	306.05	0.47	429.36	0.69	223.94	0.23

Subcatchment ID	Jun-16		Mar-22		Jul-22	
NC_141	289.01	0.21	424.89	0.32	203.03	0.10
NC_142	288.77	0.43	424.99	0.66	202.47	0.21
NC_143	305.92	0.19	429.20	0.28	224.01	0.08
NC_144	302.00	0.21	428.09	0.32	219.35	0.10
NC_145	288.75	0.23	424.98	0.36	202.45	0.10
NC_146	294.32	2.84	426.05	4.02	210.01	1.15
NC_147	289.03	0.49	424.88	0.77	203.09	0.23
NC_148	289.20	1.12	424.78	1.88	203.53	0.47
NC_149	288.71	0.23	425.01	0.36	202.34	0.11
NC_150	290.03	0.21	425.18	0.32	204.28	0.10
NC_151	304.52	0.50	428.83	0.73	222.30	0.24
NC_152	305.94	15.00	429.24	13.38	223.98	3.71
NC_153	305.14	0.21	428.79	0.30	223.45	0.08
NC_154	289.33	3.15	424.53	4.36	204.13	1.10
NC_155	288.55	0.77	425.00	1.19	202.08	0.36
NC_156	305.35	2.20	428.91	3.03	223.59	0.80
NC_157	288.58	1.03	425.00	1.60	202.13	0.48
NC_158	306.18	15.08	429.36	13.42	224.16	3.73
NC_159	288.86	0.22	424.94	0.34	202.70	0.10
NC_160	288.56	0.26	425.00	0.41	202.10	0.12
NC_161	300.38	0.22	427.61	0.32	217.49	0.10
NC_162	301.02	0.21	427.79	0.31	218.24	0.10
NC_163	291.72	0.22	425.47	0.33	206.62	0.10
NC_164	290.16	0.52	425.19	0.80	204.48	0.24
NC_165	305.56	0.22	429.04	0.32	223.72	0.11
NC_166	294.43	0.25	426.04	0.38	210.21	0.12
NC_167	294.10	3.37	425.96	4.82	209.79	1.40
NC_168	290.94	5.35	425.32	8.07	205.58	2.37
NC_169	297.86	0.38	426.89	0.57	214.50	0.18
NC_170	289.19	0.25	425.05	0.39	203.09	0.11
NC_171	305.28	3.43	428.91	4.68	223.48	1.24
NC_172	304.95	4.09	428.89	6.02	222.94	1.92
NC_173	301.23	0.44	427.81	0.66	218.57	0.21
NC_174	303.43	0.97	428.44	1.44	221.15	0.46
NC_175	290.08	0.76	425.16	1.17	204.40	0.35
NC_176	305.37	4.30	429.04	2.77	223.38	2.01
NC_177	288.93	0.23	424.89	0.35	202.91	0.11
NC_178	299.52	0.43	427.34	0.65	216.52	0.21
NC_179	304.81	1.01	428.68	1.34	223.10	0.34
NC_180	288.60	0.24	425.00	0.37	202.17	0.11
NC_181	304.97	3.47	428.86	3.07	223.02	1.02
NC_182	289.23	0.29	424.43	0.45	204.11	0.13
NC_183	296.75	0.21	426.58	0.32	213.17	0.10
NC_184	289.16	0.22	424.73	0.35	203.54	0.10
NC_185	299.67	0.44	427.32	0.66	216.80	0.21
NC_186	289.12	0.21	424.20	0.32	204.25	0.07
NC_187	301.96	0.22	427.98	0.33	219.50	0.11
NC_188	288.86	0.50	424.92	0.78	202.75	0.24

Subcatchment ID	Jun-16		Mar-22		Jul-22	
NC_189	288.77	0.18	424.95	0.28	202.54	0.07
NC_190	298.59	3.75	427.03	4.49	215.49	1.24
NC_191	304.62	0.26	428.78	0.39	222.57	0.13
NC_192	291.04	5.84	425.31	8.82	205.77	2.60
NC_193	302.67	19.60	428.19	13.32	220.34	5.48
NC_194	304.25	0.74	428.43	0.94	222.61	0.25
NC_195	289.18	0.28	424.69	0.43	203.64	0.12
NC_196	288.52	0.36	425.00	0.54	202.03	0.12
NC_197	288.50	0.20	425.00	0.31	202.00	0.08
NC_198	290.62	0.21	425.22	0.33	205.22	0.10
NC_199	292.01	0.57	425.49	0.87	207.09	0.27
NC_200	295.07	0.90	426.11	1.47	211.18	0.43
NC_201	304.58	0.31	428.49	0.43	223.05	0.11
NC_202	300.81	0.65	427.63	0.98	218.20	0.31
NC_203	289.19	0.45	424.47	0.70	203.99	0.18
NC_204	288.61	0.20	424.98	0.30	202.22	0.07
NC_205	293.28	3.57	425.74	5.14	208.79	1.50
NC_206	289.03	0.41	424.10	0.61	204.24	0.14
NC_207	294.10	1.11	425.86	1.79	209.97	0.53
NC_208	289.57	0.21	425.09	0.32	203.66	0.10
NC_209	289.14	0.17	424.27	0.26	204.19	0.06
NC_210	291.05	6.30	425.28	9.52	205.85	2.81
NC_211	303.35	0.26	428.32	0.39	221.25	0.12
NC_212	304.36	0.18	428.41	0.27	222.83	0.07
NC_213	289.17	4.61	424.53	6.21	203.88	1.55
NC_214	304.19	0.53	428.28	0.62	222.79	0.18
NC_215	299.23	4.16	427.15	3.90	216.37	1.30
NC_216	288.54	0.18	424.99	0.27	202.08	0.07
NC_217	304.53	0.36	428.52	0.49	222.94	0.12
NC_218	288.76	5.03	425.00	4.75	202.43	1.40
NC_219	304.13	0.55	428.34	0.77	222.57	0.20
NC_220	300.15	0.96	427.37	1.44	217.54	0.46
NC_221	289.68	0.21	425.08	0.33	203.87	0.10
NC_222	289.69	0.21	425.09	0.32	203.86	0.09
NC_223	296.63	0.27	426.43	0.40	213.25	0.13
NC_224	295.56	0.22	426.14	0.34	211.96	0.10
NC_225	288.78	3.22	424.93	4.36	202.58	1.11
NC_226	293.73	1.34	425.81	2.14	209.44	0.63
NC_227	304.13	3.71	428.48	3.27	222.32	1.08
NC_228	288.89	0.21	424.87	0.33	202.87	0.09
NC_229	301.91	20.15	427.85	12.93	219.68	5.75
NC_230	289.13	0.19	424.46	0.29	203.93	0.07
NC_231	289.05	0.50	424.73	0.73	203.38	0.19
NC_232	291.18	6.51	425.28	9.84	206.06	2.91
NC_233	289.13	0.18	424.32	0.27	204.12	0.07
NC_234	289.14	5.01	424.58	6.69	203.75	1.66
NC_235	303.91	0.23	428.42	0.34	222.04	0.11
NC_236	288.98	0.67	424.06	0.99	204.23	0.23

Subcatchment ID	Jun-16		Mar-22		Jul-22	
NC_237	288.61	5.22	425.00	4.97	202.19	1.46
NC_238	289.12	16.17	424.43	21.95	203.97	5.65
NC_239	292.84	5.32	425.60	7.63	208.32	2.32
NC_240	288.91	5.91	424.85	6.98	202.95	1.79
NC_241	289.00	0.26	424.76	0.40	203.24	0.10
NC_242	288.58	0.21	425.00	0.31	202.14	0.08
NC_243	303.40	1.53	428.12	2.04	221.74	0.56
NC_244	289.10	15.76	424.62	21.72	203.62	5.70
NC_245	288.94	1.18	424.02	1.65	204.23	0.39
NC_246	301.61	0.23	427.69	0.35	219.45	0.12
NC_247	294.73	0.22	425.90	0.34	210.99	0.10
NC_248	303.66	0.66	428.00	0.75	222.41	0.21
NC_249	303.13	0.84	427.90	1.18	221.70	0.30
NC_250	303.77	0.18	428.09	0.27	222.44	0.07
NC_251	303.44	0.18	427.87	0.27	222.30	0.07
NC_252	288.77	5.34	424.99	5.06	202.47	1.49
NC_253	303.26	1.06	427.99	1.35	221.75	0.36
NC_254	303.87	0.18	428.17	0.26	222.46	0.07
NC_255	289.08	0.34	424.35	0.48	204.01	0.11
NC_256	288.55	0.18	424.99	0.28	202.09	0.07
NC_257	288.60	0.36	425.00	0.56	202.18	0.13
NC_258	297.83	5.06	426.64	4.91	214.92	1.50
NC_259	289.04	0.20	424.65	0.31	203.51	0.08
NC_260	292.08	12.40	425.40	19.43	207.39	4.40
NC_261	300.00	0.22	427.23	0.33	217.54	0.11
NC_262	302.60	2.36	427.90	3.50	220.77	1.12
NC_263	288.95	198.44	424.06	161.32	204.23	55.85
NC_264	289.06	0.18	424.52	0.27	203.75	0.06
NC_265	301.24	0.32	427.53	0.49	219.13	0.16
NC_266	290.36	0.59	425.13	0.92	204.93	0.23
NC_267	302.96	0.44	427.61	0.57	221.97	0.15
NC_268	302.89	24.29	427.94	21.79	221.19	6.28
NC_269	289.06	0.34	424.42	0.48	203.90	0.11
NC_270	288.99	0.93	424.70	1.27	203.34	0.31
NC_271	297.80	5.42	426.58	5.33	215.00	1.60
NC_272	300.24	18.83	427.22	13.04	217.98	5.81
NC_273	288.65	0.40	424.98	0.55	202.29	0.13
NC_274	288.69	5.83	424.99	5.67	202.35	1.64
NC_275	291.70	12.61	425.29	19.74	206.93	4.50
NC_276	302.38	0.21	427.62	0.31	220.93	0.10
NC_277	288.99	1.12	424.67	1.34	203.40	0.34
NC_278	303.10	0.22	427.82	0.32	221.80	0.10
NC_279	292.45	13.09	425.41	20.78	208.01	4.50
NC_280	288.89	198.41	423.98	161.24	204.27	55.81
NC_281	301.87	0.21	427.67	0.31	219.95	0.10
NC_282	288.73	0.21	424.97	0.31	202.44	0.07
NC_283	293.77	0.38	425.63	0.57	209.85	0.18
NC_284	302.98	1.29	427.65	1.43	221.93	0.40

Subcatchment ID	Jun-16		Mar-22		Jul-22	
NC_285	289.05	17.20	424.22	22.06	204.15	5.75
NC_286	289.03	0.17	424.26	0.26	204.09	0.06
NC_287	288.78	199.00	423.84	161.57	204.25	56.13
NC_288	301.17	0.34	427.44	0.50	219.18	0.16
NC_289	288.87	1.50	424.98	2.54	202.67	0.64
NC_290	300.98	0.22	427.40	0.32	218.93	0.10
NC_291	288.90	0.26	424.80	0.40	203.03	0.11
NC_292	303.04	0.51	427.71	0.66	221.90	0.17
NC_293	289.04	7.26	424.57	8.19	203.64	2.14
NC_294	302.17	2.75	427.20	2.87	221.39	0.82
NC_295	290.05	0.23	425.03	0.35	204.58	0.10
NC_296	295.45	0.22	425.99	0.33	212.08	0.10
NC_297	301.33	0.41	427.39	0.61	219.56	0.18
NC_298	288.94	1.63	424.97	2.56	202.82	0.64
NC_299	288.97	28.55	424.12	33.32	204.21	8.78
NC_300	289.95	0.24	424.99	0.36	204.50	0.11
NC_301	295.46	0.44	425.90	0.67	212.27	0.21
NC_302	288.83	198.39	423.90	161.06	204.31	55.78
NC_303	290.74	0.92	425.11	1.40	205.63	0.34
NC_304	302.31	0.88	427.23	1.07	221.56	0.29
NC_305	289.10	0.21	424.96	0.32	203.10	0.09
NC_306	302.27	3.58	427.31	3.37	221.34	1.00
NC_307	301.79	0.74	426.94	0.95	221.25	0.25
NC_308	288.95	10.94	424.09	10.98	204.25	2.96
NC_309	289.02	0.58	424.30	0.80	204.05	0.18
NC_310	297.56	6.24	426.42	6.36	214.90	1.87
NC_311	290.56	0.75	425.02	1.23	205.49	0.31
NC_312	299.37	0.43	426.81	0.64	217.27	0.21
NC_313	289.04	7.40	424.50	8.21	203.75	2.14
NC_314	289.01	0.26	424.60	0.39	203.55	0.09
NC_315	295.12	0.72	425.83	1.10	211.79	0.34
NC_316	302.29	4.02	427.35	3.71	221.31	1.10
NC_317	294.37	0.21	425.68	0.32	210.80	0.10
NC_318	288.67	179.87	423.69	151.20	204.33	50.67
NC_319	296.94	0.22	426.05	0.33	214.53	0.11
NC_320	302.48	4.24	427.47	3.92	221.39	1.16
NC_321	302.51	0.25	427.56	0.38	221.30	0.12
NC_322	301.52	0.19	426.80	0.28	221.04	0.07
NC_323	301.76	0.56	427.34	0.82	220.40	0.25
NC_324	301.66	6.62	427.03	7.06	220.84	1.94
NC_325	298.72	24.39	426.72	19.49	216.34	7.42
NC_326	302.05	6.84	427.28	7.20	221.03	2.03
NC_327	301.70	0.36	426.86	0.49	221.23	0.12
NC_328	291.00	0.21	425.03	0.32	206.23	0.10
NC_329	289.30	0.24	424.95	0.37	203.45	0.11
NC_330	290.36	0.20	424.96	0.32	205.26	0.09
NC_331	289.02	8.12	424.30	8.66	204.05	2.30
NC_332	301.24	0.82	427.14	1.20	219.89	0.37

Subcatchment ID	Jun-16		Mar-22		Jul-22	
NC_333	291.39	1.99	425.08	2.93	206.81	0.74
NC_334	300.07	0.23	426.99	0.34	218.16	0.11
NC_335	288.91	0.17	424.92	0.26	202.84	0.06
NC_336	301.54	0.18	426.75	0.27	221.17	0.07
NC_337	300.87	0.28	426.99	0.41	219.55	0.13
NC_338	288.85	0.20	424.86	0.31	202.84	0.07
NC_339	300.22	0.48	426.94	0.78	218.51	0.22
NC_340	302.06	0.20	427.38	0.29	220.85	0.08
NC_341	296.69	24.47	425.93	19.35	214.34	7.45
NC_342	300.31	1.31	426.86	2.10	218.81	0.62
NC_343	289.03	0.43	424.49	0.65	203.76	0.16
NC_344	299.85	0.46	426.84	0.69	218.04	0.22
NC_345	288.88	0.17	424.91	0.26	202.81	0.06
NC_346	294.73	1.35	425.66	2.04	211.47	0.63
NC_347	294.91	0.21	425.65	0.33	211.79	0.10
NC_348	288.88	0.36	424.83	0.50	202.94	0.11
NC_349	288.87	0.56	424.89	0.71	202.83	0.17
NC_350	302.05	7.34	427.34	7.61	220.92	2.16
NC_351	288.97	0.33	424.86	0.47	203.07	0.11
NC_352	288.89	0.72	424.86	0.85	202.91	0.21
NC_353	289.15	0.43	424.91	0.67	203.27	0.18
NC_354	288.99	10.78	424.18	10.89	204.19	2.94
NC_355	288.57	179.84	423.59	151.16	204.29	50.66
NC_356	289.05	8.18	424.88	7.93	203.16	2.26
NC_357	296.02	0.23	425.83	0.35	213.36	0.11
NC_358	288.99	2.67	424.18	3.63	204.21	0.88
NC_359	300.38	0.47	426.79	0.70	219.07	0.23
NC_360	289.02	0.47	424.49	0.70	203.77	0.16
NC_361	301.17	0.73	426.83	1.01	220.39	0.26
NC_362	288.38	179.79	423.40	151.12	204.28	50.65
NC_363	301.05	0.21	426.50	0.30	220.82	0.08
NC_364	299.25	0.21	426.65	0.32	217.38	0.10
NC_365	301.45	0.59	426.85	0.71	220.82	0.19
NC_366	289.35	0.32	424.90	0.49	203.64	0.14
NC_367	301.31	0.40	426.73	0.54	220.80	0.14
NC_368	288.99	2.59	424.17	3.79	204.25	0.86
NC_369	289.02	0.19	424.53	0.29	203.70	0.07
NC_370	300.26	0.22	426.66	0.33	219.13	0.10
NC_371	289.02	1.08	424.37	1.61	203.96	0.38
NC_372	288.48	179.76	423.45	151.08	204.42	50.64
NC_373	290.00	0.21	424.88	0.32	204.78	0.10
NC_374	289.03	0.46	424.49	0.62	203.78	0.14
NC_375	288.98	4.62	424.69	4.47	203.35	1.24
NC_376	299.77	0.24	426.57	0.37	218.44	0.12
NC_377	301.31	8.36	426.98	8.69	220.32	2.51
NC_378	300.58	0.20	426.37	0.29	220.24	0.08
NC_379	300.82	0.24	426.66	0.36	220.08	0.12
NC_380	289.00	2.42	424.22	3.53	204.20	0.80

Subcatchment ID	Jun-16		Mar-22		Jul-22	
NC_381	289.20	8.43	424.82	8.16	203.52	2.33
NC_382	290.89	0.20	424.90	0.31	206.29	0.09
NC_383	300.92	0.52	426.62	0.75	220.35	0.21
NC_384	301.00	0.25	426.52	0.36	220.69	0.09
NC_385	298.88	30.16	426.40	27.60	217.23	8.03
NC_386	298.57	0.22	426.39	0.32	216.71	0.11
NC_387	296.57	0.24	425.79	0.36	214.39	0.10
NC_388	288.76	0.35	423.78	0.49	204.41	0.11
NC_389	300.74	1.52	426.44	2.02	220.39	0.53
NC_390	288.87	0.22	423.92	0.33	204.41	0.08
NC_391	298.89	0.77	426.25	1.15	217.54	0.36
NC_392	288.65	0.20	423.62	0.30	204.44	0.07
NC_393	289.95	0.65	424.81	1.00	204.84	0.31
NC_394	288.85	179.02	423.82	150.45	204.58	50.45
NC_395	289.00	0.20	424.70	0.31	203.40	0.09
NC_396	289.03	1.15	424.26	1.62	204.18	0.39
NC_397	292.36	1.88	425.03	2.18	208.58	0.77
NC_398	288.91	0.17	423.96	0.27	204.43	0.06
NC_399	288.39	179.72	423.32	151.05	204.49	50.63
NC_400	290.21	0.21	424.82	0.32	205.26	0.10
NC_401	289.33	9.49	424.81	9.16	203.77	2.62
NC_402	298.38	0.57	425.98	0.86	217.17	0.27
NC_403	288.79	179.22	423.75	150.52	204.54	50.50
NC_404	288.58	179.69	423.49	151.01	204.57	50.62
NC_405	300.67	0.18	426.32	0.27	220.49	0.07
NC_406	289.07	1.03	424.65	1.59	203.61	0.48
NC_407	291.18	0.21	424.92	0.33	206.75	0.10
NC_408	300.43	1.33	426.20	1.73	220.31	0.44
NC_409	289.14	0.24	424.64	0.37	203.74	0.11
NC_410	296.79	0.49	425.81	0.73	214.74	0.22
NC_411	298.16	0.84	426.00	1.26	216.76	0.40
NC_412	299.00	0.51	426.17	0.76	217.89	0.23
NC_413	292.62	0.23	424.98	0.35	209.12	0.11
NC_414	290.88	0.20	424.82	0.31	206.42	0.10
NC_415	289.15	0.28	424.52	0.43	203.97	0.13
NC_416	289.39	0.28	424.72	0.43	204.04	0.13
NC_417	300.30	0.91	426.32	1.17	219.86	0.31
NC_418	296.15	0.24	425.52	0.37	214.19	0.12
NC_419	289.08	1.04	424.52	1.75	203.84	0.43
NC_420	294.65	0.21	425.29	0.33	212.05	0.10
NC_421	300.22	0.72	426.04	0.84	220.27	0.23
NC_422	288.72	177.81	423.59	149.24	204.73	50.11
NC_423	290.35	0.22	424.75	0.34	205.65	0.10
NC_424	288.46	2.02	423.33	3.06	204.66	0.75
NC_425	289.05	0.39	424.23	0.58	204.29	0.14
NC_426	290.59	0.21	424.78	0.33	206.00	0.10
NC_427	293.11	1.17	425.02	1.78	209.90	0.56
NC_428	299.92	0.34	426.22	0.53	219.39	0.15

Subcatchment ID	Jun-16		Mar-22		Jul-22	
NC_429	299.84	0.21	426.37	0.32	218.94	0.10
NC_430	297.91	0.31	425.72	0.46	216.87	0.16
NC_431	299.85	0.20	425.83	0.29	220.02	0.08
NC_432	297.65	1.09	425.82	1.63	216.22	0.53
NC_433	291.11	0.78	424.79	1.25	206.86	0.30
NC_434	288.99	0.17	423.99	0.26	204.61	0.06
NC_435	295.07	0.23	425.31	0.34	212.74	0.11
NC_436	289.11	1.21	424.43	1.85	204.08	0.46
NC_437	288.63	177.74	423.42	149.13	204.88	50.09
NC_438	293.65	0.43	425.00	0.66	210.86	0.21
NC_439	288.54	0.17	423.36	0.26	204.78	0.06
NC_440	299.65	1.68	426.07	2.21	219.22	0.58
NC_441	299.85	0.45	425.91	0.67	219.88	0.19
NC_442	299.59	0.24	425.73	0.36	219.77	0.11
NC_443	289.72	11.33	424.71	11.94	204.63	3.38
NC_444	290.74	0.38	424.66	0.59	206.48	0.16
NC_445	289.07	0.21	424.29	0.31	204.22	0.07
NC_446	293.33	0.65	424.98	0.98	210.35	0.32
NC_447	296.09	0.53	425.32	0.80	214.48	0.24
NC_448	288.97	1.39	423.98	1.93	204.56	0.46
NC_449	291.02	1.26	424.61	1.89	207.06	0.47
NC_450	288.25	1.67	423.11	2.52	204.61	0.63
NC_451	288.36	1.48	423.16	2.25	204.78	0.56
NC_452	289.06	7.14	424.47	5.00	203.90	1.92
NC_453	299.60	0.46	425.85	0.67	219.55	0.19
NC_454	299.94	0.56	425.84	0.71	220.18	0.19
NC_455	289.02	0.89	423.97	1.26	204.69	0.29
NC_456	295.33	0.50	425.30	0.76	213.20	0.25
NC_457	288.45	177.77	423.15	149.23	205.04	50.11
NC_458	297.15	58.33	425.52	50.93	215.94	16.39
NC_459	293.41	0.22	424.88	0.33	210.69	0.11
NC_460	289.27	0.22	424.66	0.34	203.95	0.11
NC_461	292.40	0.78	424.76	1.27	209.16	0.34
NC_462	299.07	0.68	425.91	1.02	218.52	0.33
NC_463	290.05	0.75	424.58	1.16	205.45	0.36
NC_464	300.10	0.19	425.89	0.28	220.35	0.08
NC_465	290.18	0.54	424.63	0.83	205.57	0.26
NC_466	291.71	20.58	424.66	20.52	208.17	5.59
NC_467	288.92	0.17	423.77	0.26	204.86	0.06
NC_468	295.70	0.31	425.32	0.47	213.80	0.15
NC_469	289.17	0.60	424.19	0.96	204.60	0.23
NC_470	299.28	1.81	425.91	2.22	218.89	0.62
NC_471	294.51	0.22	425.02	0.33	212.31	0.11
NC_472	299.70	0.35	425.64	0.50	220.14	0.12
NC_473	290.48	0.24	424.57	0.36	206.20	0.11
NC_474	289.06	0.17	424.04	0.26	204.67	0.06
NC_475	289.21	0.21	424.53	0.33	204.08	0.11
NC_476	299.29	0.20	425.60	0.30	219.52	0.09

Subcatchment ID	Jun-16		Mar-22		Jul-22	
NC_477	298.54	0.22	425.85	0.32	217.71	0.10
NC_478	292.73	0.43	424.66	0.66	209.94	0.22
NC_479	295.16	0.72	425.14	1.09	213.22	0.36
NC_480	289.50	0.35	424.51	0.55	204.60	0.18
NC_481	288.99	0.41	423.77	0.56	205.03	0.13
NC_482	289.28	0.47	424.50	0.72	204.24	0.23
NC_483	292.15	21.76	424.61	20.43	209.02	5.87
NC_484	297.95	3.62	425.31	3.30	217.75	1.08
NC_485	298.31	3.61	425.43	3.89	218.14	1.16
NC_486	289.20	0.28	424.27	0.43	204.52	0.13
NC_487	297.46	0.26	425.50	0.38	216.51	0.13
NC_488	289.11	6.40	424.14	5.38	204.58	1.78
NC_489	298.84	0.32	425.61	0.48	218.71	0.15
NC_490	296.36	0.26	425.25	0.39	215.09	0.13
NC_491	295.61	0.26	425.03	0.40	214.21	0.14
NC_492	298.02	20.40	425.43	18.67	217.63	5.87
NC_493	299.06	0.44	425.63	0.67	219.04	0.22
NC_494	294.03	0.43	424.82	0.66	211.88	0.22
NC_495	299.53	0.21	425.50	0.32	220.14	0.10
NC_496	290.88	0.21	424.45	0.32	207.12	0.10
NC_497	289.10	0.39	423.94	0.54	204.93	0.13
NC_498	290.38	0.28	424.42	0.43	206.31	0.13
NC_499	296.57	58.34	425.21	51.32	215.53	16.52
NC_500	288.08	0.85	422.79	1.30	204.92	0.33
NC_501	294.43	0.73	424.82	1.12	212.56	0.37
NC_502	288.05	177.73	422.53	149.33	205.44	50.11
NC_503	297.23	0.48	425.32	0.71	216.48	0.25
NC_504	288.18	0.59	422.79	0.91	205.15	0.24
NC_505	297.30	0.42	424.95	0.61	217.32	0.17
NC_506	297.88	3.50	425.19	3.15	217.86	1.05
NC_507	289.44	1.03	424.36	1.59	204.79	0.51
NC_508	299.23	0.37	425.34	0.54	219.92	0.14
NC_509	288.83	0.38	423.41	0.57	205.39	0.14
NC_510	289.36	0.70	424.36	1.09	204.66	0.34
NC_511	291.11	0.42	424.45	0.65	207.53	0.21
NC_512	289.76	0.28	424.21	0.43	205.64	0.13
NC_513	289.50	0.60	424.13	0.92	205.33	0.30
NC_514	296.62	0.31	425.01	0.47	216.02	0.16
NC_515	288.87	0.60	423.53	0.90	205.23	0.21
NC_516	297.48	0.68	425.35	1.02	216.84	0.35
NC_517	289.08	0.23	423.75	0.34	205.24	0.08
NC_518	294.97	0.93	424.84	1.41	213.48	0.47
NC_519	288.37	177.59	422.93	149.24	205.31	50.07
NC_520	295.99	58.60	424.94	51.28	215.05	16.56
NC_521	288.95	0.18	423.52	0.27	205.44	0.06
NC_522	293.54	0.61	424.67	0.93	211.32	0.30
NC_523	289.55	0.47	424.26	0.72	205.17	0.23
NC_524	297.66	20.46	425.33	18.70	217.19	5.87

Subcatchment ID	Jun-16		Mar-22		Jul-22	
NC_525	299.15	0.52	425.33	0.70	219.80	0.19
NC_526	290.07	13.85	424.28	15.26	206.05	4.37
NC_527	299.22	0.69	425.42	0.83	219.75	0.23
NC_528	298.90	1.41	425.29	1.45	219.45	0.42
NC_529	298.88	1.58	425.33	1.51	219.33	0.45
NC_530	298.77	0.26	425.36	0.39	219.08	0.13
NC_531	292.40	0.23	424.37	0.35	209.93	0.11
NC_532	288.46	177.55	422.96	149.05	205.44	50.05
NC_533	293.01	0.22	424.50	0.33	210.73	0.11
NC_534	298.76	1.07	425.11	1.29	219.55	0.35
NC_535	288.49	177.40	422.90	149.02	205.66	50.01
NC_536	298.63	1.22	425.08	1.39	219.38	0.38
NC_537	289.31	0.22	424.12	0.33	205.02	0.11
NC_538	294.23	1.03	424.65	1.57	212.55	0.52
NC_539	297.02	20.55	424.89	18.57	216.96	5.89
NC_540	294.24	0.22	424.54	0.33	212.79	0.11
NC_541	297.52	3.47	424.87	3.05	217.86	1.04
NC_542	297.08	0.22	425.09	0.33	216.66	0.11
NC_543	295.01	1.24	424.66	1.88	213.90	0.62
NC_544	298.62	0.26	424.95	0.38	219.62	0.11
NC_545	297.25	0.42	424.71	0.61	217.71	0.16
NC_546	289.16	0.25	423.96	0.37	205.02	0.09
NC_547	288.08	0.18	422.51	0.27	205.54	0.07
NC_548	289.29	0.26	423.91	0.40	205.36	0.13
NC_549	289.79	0.20	424.02	0.31	206.07	0.09
NC_550	287.90	0.38	422.52	0.59	205.10	0.16
NC_551	288.26	0.63	422.68	0.95	205.59	0.24
NC_552	289.97	0.45	424.16	0.70	206.09	0.21
NC_553	297.96	0.42	424.85	0.64	218.67	0.18
NC_554	288.87	0.19	423.38	0.29	205.52	0.07
NC_555	293.38	2.12	424.38	3.23	211.61	1.06
NC_556	287.83	0.19	422.35	0.29	205.31	0.08
NC_557	298.00	0.25	424.74	0.38	218.96	0.12
NC_558	296.70	21.40	424.78	19.01	216.61	6.03
NC_559	293.51	2.35	424.20	3.58	212.19	1.18
NC_560	289.03	6.89	423.68	5.87	205.29	1.91
NC_561	292.95	2.82	424.26	4.28	211.10	1.42
NC_562	295.13	0.39	424.30	0.59	214.82	0.20
NC_563	289.22	0.30	423.94	0.46	205.18	0.14
NC_564	298.08	0.39	424.70	0.60	219.18	0.18
NC_565	289.53	0.21	423.99	0.33	205.65	0.11
NC_566	294.28	0.25	424.41	0.37	213.10	0.12
NC_567	298.17	0.22	424.71	0.33	219.31	0.11
NC_568	296.68	0.20	424.47	0.29	217.18	0.09
NC_569	297.76	0.22	424.79	0.33	218.43	0.11
NC_570	296.98	0.21	424.42	0.31	217.80	0.09
NC_571	294.88	60.70	424.43	53.49	214.13	17.16
NC_572	297.07	0.37	424.40	0.54	218.00	0.15

Subcatchment ID	Jun-16		Mar-22		Jul-22	
NC_573	292.71	3.18	424.20	4.93	210.80	1.51
NC_574	294.26	91.24	424.07	81.20	213.74	25.55
NC_575	288.57	5.50	422.87	8.50	205.90	2.11
NC_576	296.81	0.22	424.63	0.33	217.11	0.11
NC_577	291.53	23.01	424.06	20.91	209.00	6.04
NC_578	297.11	0.20	424.37	0.29	218.14	0.09
NC_579	287.64	0.37	422.02	0.57	205.57	0.15
NC_580	292.35	0.23	424.08	0.35	210.39	0.12
NC_581	289.18	4.92	423.57	7.90	205.80	2.09
NC_582	288.46	0.18	422.66	0.27	206.08	0.06
NC_583	289.89	0.28	423.81	0.43	206.62	0.13
NC_584	291.30	0.21	424.12	0.33	208.50	0.10
NC_585	295.92	21.46	424.40	19.14	215.99	6.04
NC_586	292.79	3.58	423.90	5.60	211.51	1.74
NC_587	294.57	30.44	424.04	27.49	214.34	8.49
NC_588	289.47	0.67	423.79	1.03	205.92	0.33
NC_589	288.01	0.39	422.28	0.60	205.87	0.16
NC_590	289.27	1.02	423.94	1.59	205.25	0.42
NC_591	289.13	5.22	423.61	8.28	205.62	2.15
NC_592	290.44	0.27	423.93	0.41	207.36	0.13
NC_593	293.95	91.62	424.02	81.08	213.32	25.59
NC_594	287.52	0.18	421.96	0.27	205.44	0.07
NC_595	288.47	5.14	422.60	7.95	206.24	1.97
NC_596	289.96	0.49	423.64	0.75	207.07	0.23
NC_597	292.51	0.22	423.74	0.33	211.35	0.11
NC_598	288.83	168.99	422.99	142.12	206.22	47.79
NC_599	293.48	0.46	424.06	0.70	212.41	0.24
NC_600	292.22	4.03	423.93	6.37	210.47	1.99
NC_601	293.77	91.76	424.03	80.87	212.96	25.61
NC_602	296.31	0.78	424.39	1.19	216.69	0.37
NC_603	291.67	100.16	423.81	90.75	209.74	28.28
NC_604	291.29	123.63	423.77	108.97	209.15	34.48
NC_605	288.87	175.49	423.19	147.32	205.91	49.60
NC_606	291.42	100.00	423.59	90.34	209.72	28.33
NC_607	291.86	100.44	423.67	90.38	210.35	28.28
NC_608	289.29	4.06	423.44	6.67	206.26	1.82
NC_609	292.02	4.06	423.82	6.66	210.34	1.84
NC_610	290.82	123.88	423.63	109.47	208.60	34.66
NC_611	289.48	0.36	423.48	0.56	206.52	0.18
NC_612	295.90	1.01	424.27	1.52	216.23	0.49
NC_613	290.52	0.50	423.72	0.78	207.91	0.24
NC_614	288.32	0.76	422.28	1.16	206.56	0.30
NC_615	296.01	0.21	424.10	0.32	216.75	0.09
NC_616	293.34	95.53	423.83	84.98	212.60	26.55
NC_617	289.68	0.27	423.70	0.42	206.47	0.12
NC_618	292.21	0.21	423.47	0.32	211.35	0.11
NC_619	291.00	123.46	423.54	109.24	209.10	34.53
NC_620	288.84	168.79	422.90	142.14	206.42	47.75

Subcatchment ID	Jun-16		Mar-22		Jul-22	
NC_621	288.66	175.72	422.74	147.46	206.37	49.68
NC_622	289.03	0.34	423.02	0.49	206.56	0.11
NC_623	291.84	97.22	423.37	86.61	210.90	27.19
NC_624	294.05	0.24	423.73	0.36	214.06	0.12
NC_625	297.32	1.12	424.25	1.65	218.74	0.45
NC_626	294.79	30.42	423.98	27.42	214.85	8.47
NC_627	289.10	0.19	423.26	0.28	206.23	0.07
NC_628	291.56	0.18	423.37	0.28	210.40	0.07
NC_629	293.03	95.97	423.72	85.71	212.28	26.78
NC_630	288.62	0.63	422.57	0.95	206.64	0.24
NC_631	295.55	0.22	424.03	0.33	216.08	0.12
NC_632	296.67	0.22	423.88	0.33	218.35	0.11
NC_633	297.60	0.22	424.29	0.34	219.14	0.12
NC_634	288.95	5.94	423.04	8.95	206.36	2.33
NC_635	290.46	15.81	423.45	16.85	208.33	4.82
NC_636	289.94	0.21	423.31	0.32	207.67	0.10
NC_637	295.17	22.54	424.02	20.35	215.45	6.25
NC_638	292.95	0.50	423.36	0.77	212.86	0.25
NC_639	288.24	4.13	422.26	6.42	206.44	1.59
NC_640	288.86	0.33	422.73	0.47	206.80	0.11
NC_641	293.94	0.22	423.37	0.33	214.57	0.12
NC_642	294.47	7.64	423.46	7.75	215.33	2.31
NC_643	293.68	0.22	423.74	0.33	213.38	0.11
NC_644	293.50	4.75	423.52	7.22	213.51	2.36
NC_645	289.81	0.23	423.42	0.35	207.24	0.10
NC_646	288.93	0.18	422.75	0.27	206.90	0.06
NC_647	295.53	0.23	423.87	0.34	216.36	0.12
NC_648	296.75	0.99	423.80	1.57	218.64	0.43
NC_649	297.41	0.68	424.25	1.04	218.90	0.29
NC_650	292.63	95.97	423.38	85.96	212.26	26.88
NC_651	296.83	0.32	423.78	0.49	218.80	0.16
NC_652	288.73	166.09	422.56	141.22	206.87	46.64
NC_653	290.13	0.43	423.33	0.66	207.99	0.20
NC_654	289.63	0.47	423.42	0.72	206.92	0.22
NC_655	288.19	0.56	421.92	0.85	207.04	0.23
NC_656	293.12	4.06	423.20	6.17	213.47	2.00
NC_657	291.93	96.87	423.09	87.03	211.61	27.16
NC_658	290.68	139.24	423.36	123.83	208.88	38.99
NC_659	289.76	0.43	423.10	0.65	207.77	0.19
NC_660	292.34	96.20	423.27	85.83	211.95	26.91
NC_661	294.91	0.46	423.56	0.71	215.91	0.21
NC_662	288.40	0.44	422.18	0.67	206.96	0.17
NC_663	289.56	0.20	423.53	0.31	206.57	0.09
NC_664	289.65	0.69	423.28	1.06	207.23	0.32
NC_665	288.11	0.37	421.89	0.57	206.93	0.15
NC_666	288.55	166.01	422.23	141.31	207.18	46.61
NC_667	289.18	0.23	423.05	0.35	206.79	0.09
NC_668	287.45	0.19	421.69	0.29	205.89	0.07

Subcatchment ID	Jun-16		Mar-22		Jul-22	
NC_669	292.52	0.22	422.99	0.33	212.84	0.11
NC_670	294.03	0.24	423.15	0.36	215.17	0.12
NC_671	288.33	0.22	422.00	0.34	207.18	0.09
NC_672	293.55	0.59	423.35	0.91	213.92	0.29
NC_673	289.02	0.25	422.80	0.38	206.97	0.12
NC_674	289.89	0.20	422.94	0.31	208.31	0.09
NC_675	295.33	0.89	423.60	1.33	216.55	0.42
NC_676	292.11	0.59	422.82	0.90	212.45	0.27
NC_677	296.28	0.27	423.89	0.41	217.64	0.14
NC_678	289.13	0.98	422.94	1.38	206.92	0.34
NC_679	289.61	1.39	422.96	2.13	207.79	0.64
NC_680	287.98	0.19	421.83	0.29	206.78	0.08
NC_681	292.95	2.81	422.90	4.27	213.79	1.39
NC_682	291.64	0.50	422.84	0.77	211.60	0.22
NC_683	287.27	0.18	421.44	0.27	206.03	0.07
NC_684	289.49	0.41	423.17	0.63	207.15	0.19
NC_685	296.38	0.19	423.87	0.29	217.86	0.08
NC_686	294.31	6.83	423.17	7.52	215.61	2.17
NC_687	289.44	1.70	422.85	2.84	207.67	0.72
NC_688	290.96	0.59	423.17	0.89	209.76	0.28
NC_689	289.26	0.22	422.84	0.34	207.35	0.10
NC_690	295.23	0.90	423.36	1.14	216.85	0.31
NC_691	288.41	0.23	421.92	0.34	207.52	0.09
NC_692	295.67	0.50	423.47	0.77	217.40	0.21
NC_693	294.75	1.26	423.08	1.57	216.57	0.43
NC_694	291.73	0.28	422.72	0.43	211.99	0.12
NC_695	289.12	0.59	422.66	0.88	207.45	0.23
NC_696	290.44	139.89	423.06	124.01	209.05	39.14
NC_697	289.26	0.38	423.00	0.60	207.06	0.17
NC_698	307.34	0.22	429.87	0.31	225.18	0.08
NC_699	294.90	0.22	423.44	0.33	216.13	0.11
NC_700	288.68	165.64	422.18	141.03	207.55	46.43
NC_701	290.80	5.31	422.79	8.09	210.22	2.57
NC_702	293.25	0.21	422.72	0.32	214.64	0.11
NC_703	294.90	0.22	423.08	0.33	216.82	0.11
NC_704	288.94	0.20	422.34	0.29	207.74	0.07
NC_705	288.46	0.25	421.86	0.37	207.74	0.09
NC_706	293.03	1.56	422.64	2.37	214.42	0.78
NC_707	292.51	0.47	422.67	0.71	213.46	0.23
NC_708	290.92	5.08	422.70	7.74	210.61	2.46
NC_709	293.92	4.11	422.86	5.25	215.57	1.47
NC_710	288.89	1.52	422.35	2.05	207.62	0.53
NC_711	287.83	0.19	421.39	0.29	207.37	0.08
NC_712	292.26	0.21	422.36	0.31	213.65	0.10
NC_713	287.85	0.41	421.28	0.62	207.66	0.17
NC_714	288.76	165.02	421.93	140.89	208.21	46.13
NC_715	287.99	0.62	421.41	0.95	207.69	0.26
NC_716	288.60	0.25	421.89	0.37	207.98	0.10

Subcatchment ID	Jun-16		Mar-22		Jul-22	
NC_717	291.99	0.39	422.42	0.59	213.05	0.18
NC_718	287.25	0.67	421.06	1.03	206.79	0.27
NC_719	294.50	2.14	423.08	1.93	216.14	0.64
NC_720	288.07	1.19	421.37	1.81	207.95	0.50
NC_721	289.93	0.21	422.69	0.32	208.87	0.10
NC_722	292.58	0.42	422.43	0.64	214.04	0.20
NC_723	295.21	0.39	423.08	0.57	217.37	0.17
NC_724	288.09	0.25	421.26	0.38	208.22	0.11
NC_725	293.71	3.94	422.63	5.23	215.64	1.47
NC_726	288.60	0.18	421.69	0.27	208.39	0.07
NC_727	292.07	0.20	421.97	0.30	214.06	0.09
NC_728	287.03	0.24	420.83	0.37	206.82	0.10
NC_729	291.11	4.28	422.32	6.53	211.70	2.07
NC_730	290.19	144.76	422.57	127.97	209.58	40.14
NC_731	289.72	0.20	422.65	0.31	208.57	0.10
NC_732	289.12	163.45	422.32	140.43	208.13	45.38
NC_733	289.85	0.39	422.43	0.61	209.26	0.16
NC_734	289.60	0.21	422.52	0.32	208.61	0.10
NC_735	290.39	0.22	422.41	0.33	210.24	0.11
NC_736	294.31	0.47	422.70	0.72	216.55	0.24
NC_737	292.70	1.31	422.28	1.98	214.57	0.65
NC_738	287.08	0.17	420.69	0.26	207.22	0.07
NC_739	290.84	0.26	422.35	0.39	211.16	0.13
NC_740	290.07	4.37	422.06	5.15	210.37	1.41
NC_741	288.72	163.86	421.61	140.57	208.78	45.57
NC_742	290.99	0.64	422.01	0.98	212.10	0.32
NC_743	292.33	0.21	422.09	0.32	214.30	0.09
NC_744	288.55	2.87	421.39	4.30	208.91	1.11
NC_745	291.13	3.35	421.94	5.10	212.49	1.61
NC_746	290.53	0.21	421.97	0.31	211.36	0.10
NC_747	288.89	0.39	421.63	0.62	209.06	0.18
NC_748	289.85	0.20	421.84	0.30	210.41	0.09
NC_749	293.71	2.62	422.29	3.68	216.31	1.03
NC_750	289.59	159.02	422.13	139.50	209.35	44.13
NC_751	289.38	0.21	421.89	0.32	209.46	0.10
NC_752	290.79	0.43	421.81	0.66	212.15	0.21
NC_753	293.07	0.29	422.28	0.44	215.22	0.14
NC_754	288.37	0.47	421.41	0.62	208.47	0.15
NC_755	288.59	0.38	421.19	0.57	209.36	0.16
NC_756	289.68	158.76	421.90	139.99	209.99	44.16
NC_757	291.59	0.19	422.22	0.29	212.75	0.08
NC_758	291.48	0.20	422.34	0.30	212.30	0.09
NC_759	290.28	0.23	421.81	0.36	211.25	0.12
NC_760	292.40	1.09	421.88	1.66	214.83	0.54
NC_761	288.12	0.18	421.08	0.27	208.65	0.07
NC_762	293.07	0.40	422.03	0.63	215.72	0.17
NC_763	287.09	0.74	420.31	1.14	208.08	0.30
NC_764	287.33	0.18	420.61	0.28	207.96	0.07

Subcatchment ID	Jun-16		Mar-22		Jul-22	
NC_765	293.35	0.57	422.04	0.90	216.17	0.23
NC_766	292.57	0.56	421.92	0.85	215.06	0.28
NC_767	289.68	9.67	421.54	8.85	210.69	2.73
NC_768	291.45	0.21	421.81	0.32	213.30	0.11
NC_769	289.97	2.96	421.38	4.07	211.54	1.10
NC_770	289.43	159.07	421.74	139.73	209.84	44.18
NC_771	291.88	0.30	422.03	0.46	213.64	0.15
NC_772	289.41	0.20	421.33	0.31	210.64	0.10
NC_773	287.57	0.19	420.82	0.29	208.03	0.08
NC_774	293.37	1.12	421.76	1.70	216.77	0.56
NC_775	292.35	0.32	421.64	0.49	215.23	0.16
NC_776	288.25	0.36	421.03	0.53	209.04	0.14
NC_777	290.03	2.62	421.19	3.84	212.02	1.04
NC_778	290.41	0.21	421.53	0.32	212.03	0.10
NC_779	289.13	3.25	421.26	4.26	210.25	1.16
NC_780	289.43	2.26	421.59	2.88	210.15	0.79
NC_781	288.04	0.39	420.52	0.58	209.66	0.14
NC_782	293.77	0.30	421.86	0.45	217.27	0.15
NC_783	287.40	0.39	420.51	0.59	208.32	0.17
NC_784	288.68	1.30	420.99	1.99	209.96	0.64
NC_785	288.25	1.16	420.73	1.79	209.64	0.45
NC_786	289.73	0.22	421.11	0.34	211.65	0.11
NC_787	290.12	2.54	421.18	3.79	212.21	1.05
NC_788	286.89	0.20	419.96	0.30	208.39	0.08
NC_789	289.59	9.60	421.27	8.76	211.07	2.70
NC_790	292.78	0.26	421.72	0.39	215.82	0.13
NC_791	292.66	0.43	421.44	0.65	216.18	0.22
NC_792	291.21	1.54	421.37	2.34	213.76	0.75
NC_793	291.70	0.74	421.60	1.12	214.16	0.37
NC_794	290.95	1.96	421.24	2.98	213.56	0.94
NC_795	293.21	0.22	421.47	0.34	217.07	0.12
NC_796	289.90	0.44	420.69	0.62	212.80	0.15
NC_797	290.41	1.96	421.10	2.93	212.88	0.90
NC_798	289.67	0.24	420.71	0.36	212.34	0.10
NC_799	288.21	0.20	420.26	0.31	210.55	0.10
NC_800	290.92	0.20	421.14	0.31	213.70	0.09
NC_801	287.91	0.19	420.12	0.29	210.23	0.07
NC_802	287.81	0.54	420.44	0.90	209.36	0.24
NC_803	288.97	1.38	420.71	1.66	211.06	0.45
NC_804	291.50	0.52	421.22	0.79	214.57	0.26
NC_805	288.50	1.09	420.60	1.67	210.41	0.54
NC_806	288.76	0.25	420.49	0.39	211.13	0.12
NC_807	290.12	0.23	420.79	0.35	212.98	0.11
NC_808	288.06	0.17	420.22	0.26	210.33	0.07
NC_809	287.69	0.38	420.17	0.62	209.68	0.18
NC_810	287.79	0.19	420.04	0.30	210.15	0.08
NC_811	287.89	0.20	419.74	0.31	210.99	0.09
NC_812	287.60	0.24	419.77	0.37	210.33	0.12

Subcatchment ID	Jun-16		Mar-22		Jul-22	
NC_813	289.18	0.21	420.52	0.32	211.83	0.10
NC_814	290.42	1.51	420.79	2.24	213.53	0.68
NC_815	289.42	9.39	420.69	8.52	211.93	2.65
NC_816	288.57	0.20	420.28	0.31	211.20	0.10
NC_817	290.14	0.23	420.54	0.35	213.53	0.12
NC_818	291.58	0.22	421.16	0.33	214.83	0.11
NC_819	292.32	0.23	421.03	0.34	216.41	0.12
NC_820	287.50	0.21	419.76	0.32	210.15	0.10
NC_821	288.19	0.24	420.00	0.36	211.04	0.12
NC_822	287.73	0.22	419.31	0.34	211.58	0.11
NC_823	290.61	0.19	420.59	0.28	214.25	0.08
NC_824	290.12	1.30	420.30	1.92	213.97	0.57
NC_825	289.73	0.28	420.13	0.41	213.61	0.11
NC_826	288.35	0.22	419.85	0.33	211.66	0.10
NC_827	289.28	8.88	420.29	8.39	212.50	2.55
NC_828	288.91	0.38	419.93	0.57	212.53	0.16
NC_829	288.40	1.14	419.65	1.28	212.17	0.36
NC_830	290.22	0.88	420.19	1.27	214.37	0.36
NC_831	289.91	0.21	419.90	0.31	214.41	0.10
NC_832	288.52	0.96	419.62	1.19	212.46	0.32
NC_833	288.79	0.20	419.54	0.31	213.10	0.09
NC_834	289.13	8.68	419.94	8.34	212.93	2.53
NC_835	290.07	0.42	419.84	0.57	214.80	0.15
NC_836	288.19	0.19	419.53	0.30	212.00	0.08
NC_837	289.51	0.18	420.03	0.27	213.41	0.07
NC_838	288.69	0.20	419.71	0.30	212.56	0.09
NC_839	288.86	8.02	419.31	7.85	213.72	2.37
NC_840	288.32	0.74	419.18	1.04	212.98	0.26
NC_841	289.60	0.22	419.40	0.33	214.86	0.09
NC_842	287.63	0.94	418.67	1.14	212.71	0.31
NC_843	288.13	0.36	418.70	0.53	213.60	0.13
NC_844	289.27	0.23	419.44	0.35	214.19	0.11
NC_845	288.73	7.93	418.94	7.76	214.22	2.34
NC_846	289.43	0.94	419.39	1.43	214.57	0.37
NC_847	288.97	1.41	418.96	1.87	214.61	0.52
NC_848	288.01	0.21	418.37	0.31	214.05	0.09
NC_849	287.39	0.18	418.19	0.27	213.24	0.07
NC_850	288.52	1.18	418.85	1.34	214.02	0.37
NC_851	288.84	6.31	418.95	6.30	214.41	1.89
NC_852	307.70	0.39	430.02	0.52	225.53	0.13
NC_853	289.35	0.22	418.99	0.33	215.25	0.11
NC_854	289.03	1.07	418.82	1.51	215.00	0.41
NC_855	289.07	0.38	418.55	0.56	215.62	0.17
NC_856	287.56	0.39	418.09	0.56	213.79	0.14
NC_857	288.21	0.22	418.17	0.33	214.86	0.11
NC_858	288.23	0.95	418.50	1.13	214.19	0.31
NC_859	287.52	0.18	417.87	0.28	214.16	0.08
NC_860	288.58	4.81	418.31	4.73	215.23	1.43

Subcatchment ID	Jun-16		Mar-22		Jul-22	
NC_861	288.03	0.21	417.77	0.32	215.33	0.11
NC_862	287.83	0.70	417.75	0.87	215.02	0.23
NC_863	288.22	4.30	417.82	4.41	215.56	1.31
NC_864	288.66	0.22	418.12	0.33	215.76	0.11
NC_865	287.66	0.35	417.76	0.52	214.65	0.13
NC_866	287.49	0.19	417.46	0.29	214.95	0.08
NC_867	288.42	0.41	417.72	0.62	216.15	0.17
NC_868	288.07	2.28	417.33	2.61	216.32	0.75
NC_869	287.66	1.72	417.11	1.84	215.99	0.53
NC_870	287.77	1.86	417.12	1.88	216.19	0.56
NC_871	287.24	0.34	417.15	0.49	215.11	0.13
NC_872	287.70	1.53	416.70	1.82	216.93	0.52
NC_873	287.93	0.61	416.85	0.83	217.03	0.22
NC_874	288.66	0.20	417.77	0.30	216.47	0.09
NC_875	287.37	1.53	416.75	1.77	216.20	0.50
NC_876	287.49	1.16	416.46	1.49	217.03	0.42
NC_877	287.13	1.38	416.40	1.75	216.47	0.48
NC_878	287.53	0.40	416.10	0.59	217.83	0.17
NC_879	287.36	1.02	416.33	1.41	217.06	0.40
NC_880	307.84	0.55	430.07	0.67	225.68	0.18
NC_881	286.66	0.22	416.00	0.34	216.41	0.11
NC_882	287.18	0.24	415.64	0.36	218.14	0.10
NC_883	286.74	1.25	415.80	1.65	216.98	0.45
NC_884	286.65	0.21	415.45	0.32	217.55	0.11
NC_885	286.90	0.21	415.26	0.32	218.41	0.11
NC_886	286.81	0.72	415.25	1.11	218.26	0.31
NC_887	286.81	0.38	415.45	0.58	217.85	0.17
NC_888	286.52	0.21	414.88	0.32	218.49	0.11
NC_889	307.89	0.19	430.10	0.28	225.70	0.08
NC_890	308.19	0.62	430.21	0.83	225.99	0.21
NC_891	308.11	0.19	430.17	0.28	225.94	0.08
NC_892	308.50	0.20	430.33	0.29	226.31	0.08
NC_893	308.16	0.26	430.21	0.37	225.95	0.10
NC_894	308.68	0.27	430.40	0.38	226.49	0.11
NC_895	303.90	0.18	428.76	0.27	221.35	0.07
NC_896	302.74	0.19	428.39	0.28	220.03	0.07
NC_897	304.55	0.19	428.97	0.28	222.07	0.08
NC_898	303.26	0.69	428.56	0.96	220.61	0.24
NC_899	308.67	0.23	430.39	0.33	226.49	0.09
NC_900	308.22	0.45	430.23	0.60	226.01	0.15
NC_901	308.51	0.22	430.34	0.31	226.30	0.09
NC_902	308.58	0.39	430.37	0.55	226.37	0.15
NC_903	304.22	0.93	428.88	1.31	221.68	0.33
NC_904	307.07	0.22	429.84	0.32	224.78	0.11
NC_905	308.15	0.98	430.21	1.24	225.93	0.34
NC_906	308.70	0.22	430.40	0.31	226.53	0.08
NC_907	305.62	0.48	429.34	0.71	223.22	0.21
NC_908	308.90	3.30	430.48	2.97	226.71	0.64

Subcatchment ID	Jun-16		Mar-22		Jul-22	
NC_909	302.16	0.20	428.24	0.30	219.33	0.09
NC_910	308.65	0.19	430.38	0.27	226.48	0.07
NC_911	301.38	0.13	428.01	0.20	218.42	0.06
NC_912	308.48	0.22	430.34	0.32	226.27	0.10
NC_913	303.91	0.98	428.79	1.45	221.30	0.47
NC_914	305.66	0.80	429.36	1.19	223.24	0.37
NC_915	303.28	0.75	428.60	1.11	220.59	0.36
NC_916	308.28	0.24	430.26	0.35	226.05	0.12
NC_917	308.90	0.56	430.48	0.74	226.72	0.20
NC_918	309.02	0.19	430.54	0.28	226.83	0.08
NC_919	309.12	0.77	430.57	1.02	226.93	0.27
NC_920	303.20	1.31	428.58	1.90	220.49	0.56
NC_921	308.13	0.23	430.21	0.34	225.90	0.12
NC_922	308.62	0.19	430.36	0.27	226.46	0.07
NC_923	308.64	0.36	430.37	0.48	226.47	0.12
NC_924	308.68	0.19	430.39	0.27	226.52	0.07
NC_925	307.77	2.54	430.09	2.73	225.51	0.80
NC_926	308.86	0.69	430.46	0.87	226.68	0.24
NC_927	300.19	0.19	427.67	0.28	217.02	0.07
NC_928	309.11	0.26	430.57	0.38	226.92	0.11
NC_929	302.80	1.02	428.46	1.48	220.02	0.42
NC_930	304.82	4.83	429.10	7.12	222.29	1.94
NC_931	306.43	0.27	429.63	0.40	224.08	0.13
NC_932	309.18	4.99	430.60	4.62	226.98	1.05
NC_933	308.67	0.23	430.41	0.33	226.46	0.11
NC_934	309.20	0.23	430.61	0.34	227.01	0.11
NC_935	309.09	0.43	430.56	0.59	226.89	0.15
NC_936	308.95	0.87	430.50	1.03	226.76	0.28
NC_937	307.02	2.90	429.83	3.05	224.71	0.89
NC_938	302.46	0.43	428.36	0.65	219.63	0.21
NC_939	299.08	0.23	427.36	0.34	215.70	0.09
NC_940	309.17	5.30	430.59	4.90	226.97	1.13
NC_941	309.05	1.06	430.54	1.13	226.85	0.32
NC_942	309.11	0.20	430.57	0.29	226.91	0.08
NC_943	307.55	0.33	430.01	0.48	225.28	0.16
NC_944	300.58	0.21	427.80	0.31	217.45	0.10
NC_945	308.73	0.19	430.41	0.28	226.56	0.07
NC_946	306.17	0.22	429.54	0.33	223.78	0.11
NC_947	308.57	0.19	430.34	0.27	226.41	0.07
NC_948	308.91	1.58	430.48	1.70	226.72	0.47
NC_949	309.12	5.41	430.57	4.95	226.92	1.16
NC_950	305.42	5.78	429.30	4.80	222.96	1.58
NC_951	308.88	1.72	430.48	2.05	226.68	0.59
NC_952	308.15	0.23	430.22	0.34	225.92	0.11
NC_953	304.32	0.25	428.95	0.37	221.73	0.12
NC_954	309.13	0.22	430.58	0.31	226.93	0.09
NC_955	299.27	0.20	427.43	0.29	215.90	0.08
NC_956	306.29	9.16	429.58	7.40	223.91	2.49

Subcatchment ID	Jun-16		Mar-22		Jul-22	
NC_957	308.69	1.10	430.41	1.57	226.49	0.49
NC_958	308.76	0.20	430.42	0.28	226.58	0.08
NC_959	303.39	0.72	428.65	1.08	220.68	0.34
NC_960	306.00	11.59	429.49	9.13	223.60	3.20
NC_961	308.81	0.47	430.46	0.66	226.61	0.20
NC_962	308.42	0.19	430.28	0.27	226.27	0.07
NC_963	302.13	0.51	428.27	0.75	219.24	0.23
NC_964	308.96	7.55	430.51	6.93	226.77	1.77
NC_965	308.98	0.39	430.52	0.53	226.79	0.14
NC_966	300.71	0.22	427.84	0.33	217.60	0.10
NC_967	306.12	11.68	429.53	9.19	223.74	3.17
NC_968	302.70	0.63	428.44	0.87	219.90	0.22
NC_969	304.47	5.71	428.99	4.76	221.90	2.10
NC_970	303.55	0.98	428.67	1.59	220.91	0.43
NC_971	297.90	4.23	426.82	3.75	214.71	1.35
NC_972	297.10	1.43	425.79	2.30	215.32	0.65
NC_973	297.76	25.35	426.18	20.19	215.71	7.61
NC_974	297.67	30.82	425.94	28.13	216.01	8.17
NC_975	297.95	0.35	426.11	0.52	216.18	0.18
NC_976	298.13	30.36	426.09	27.76	216.53	8.06
NC_977	299.61	29.44	426.66	27.22	217.98	7.84
NC_978	297.13	57.60	425.67	49.88	215.60	16.13
NC_979	295.43	58.94	424.66	51.39	214.63	16.63
NC_980	294.53	30.49	424.22	27.56	213.92	8.50
NC_981	292.14	96.54	423.10	86.45	211.95	27.04
NC_982	292.18	22.03	424.48	20.32	209.32	5.88
NC_983	291.75	22.98	424.22	21.04	209.07	6.04
NC_984	291.36	0.57	424.36	0.87	208.14	0.28
NC_985	291.48	0.28	424.44	0.43	208.20	0.13
NC_986	291.52	1.30	424.68	1.94	207.80	0.48
NC_987	291.53	0.19	424.79	0.28	207.60	0.08
NC_988	291.44	0.22	424.95	0.33	207.12	0.10
NC_989	292.20	1.43	424.85	2.18	208.63	0.69
NC_990	292.09	15.53	425.14	18.44	207.90	4.15
NC_991	293.36	0.17	425.36	0.26	209.68	0.08
NC_992	292.85	2.33	425.12	2.12	209.24	1.09
NC_993	293.21	0.45	425.53	0.69	209.07	0.21
NC_994	294.65	0.34	425.94	0.51	210.78	0.16
NC_995	295.05	0.52	426.24	0.78	210.88	0.25
NC_996	292.41	0.47	425.65	0.71	207.46	0.22
NC_997	293.15	2.16	425.82	3.17	208.42	0.91
NC_998	294.53	0.18	426.15	0.28	210.17	0.09
NC_999	294.64	0.40	426.17	0.62	210.33	0.19
NC_1000	295.27	1.53	426.31	2.03	211.13	0.53
NC_1001	294.58	1.09	426.17	1.55	210.21	0.42
NC_1002	292.21	0.37	425.62	0.57	207.19	0.18
NC_1003	292.22	0.32	425.59	0.50	207.25	0.15
NC_1004	291.28	0.49	425.41	0.74	205.97	0.20

Subcatchment ID	Jun-16		Mar-22		Jul-22	
NC_1005	292.43	2.94	425.65	4.36	207.50	1.27
NC_1006	291.03	0.20	425.22	0.31	205.92	0.10
NC_1007	291.62	6.58	425.34	9.95	206.70	2.94
NC_1008	292.09	0.77	425.45	1.17	207.30	0.37
NC_1009	290.19	0.24	425.08	0.37	204.74	0.11
NC_1010	290.28	0.51	425.01	0.84	205.02	0.21
NC_1011	290.53	0.17	424.90	0.27	205.67	0.08
NC_1012	303.37	0.16	427.91	0.24	222.09	0.07
NC_1013	303.67	0.45	428.09	0.65	222.26	0.18
NC_1014	303.40	0.69	428.00	1.00	221.96	0.27
NC_1015	304.21	18.91	428.49	16.56	222.43	4.70
NC_1016	304.67	3.44	428.65	4.43	222.91	1.19
NC_1017	305.34	15.30	428.98	13.57	223.44	3.76
NC_1018	304.59	3.60	428.68	3.17	222.70	1.05
NC_1019	306.38	0.39	429.39	0.47	224.46	0.15
NC_1020	306.88	12.99	429.63	12.11	224.85	3.27
NC_1021	306.45	0.99	429.44	1.38	224.48	0.37
NC_1022	306.42	0.64	429.45	0.76	224.41	0.21
NC_1023	306.28	14.01	429.37	12.86	224.31	3.50
NC_1024	308.10	10.09	430.15	9.81	225.96	2.62
NC_1025	307.79	2.43	430.01	3.44	225.69	0.94
NC_1026	307.92	0.90	430.07	1.26	225.81	0.33
NC_1027	307.71	1.50	429.98	2.13	225.62	0.59
NC_1028	308.82	0.21	430.46	0.30	226.63	0.09
NC_1029	309.00	0.18	430.53	0.26	226.80	0.08
NC_1030	308.93	0.09	430.50	0.13	226.73	0.04
NC_1031	308.70	0.17	430.40	0.25	226.52	0.06
NC_1032	309.09	0.36	430.56	0.50	226.89	0.13
NC_1033	308.97	0.79	430.51	0.92	226.78	0.26
NC_1034	309.07	3.32	430.55	2.98	226.87	0.64
NC_1035	308.82	0.17	430.46	0.24	226.62	0.07
NC_1036	308.39	1.66	430.28	1.76	226.21	0.51
NC_1037	308.22	0.75	430.22	0.92	226.03	0.26
NC_1038	308.08	0.68	430.16	0.78	225.91	0.22
NC_1039	308.57	2.71	430.36	2.26	226.39	0.55
NC_1040	308.51	0.11	430.33	0.16	226.34	0.04
NC_1041	308.79	2.61	430.44	2.28	226.60	0.53
NC_1042	308.68	0.25	430.41	0.37	226.48	0.10
NC_1043	302.30	1.14	427.25	1.37	221.52	0.37
NC_1044	302.10	2.98	427.19	2.93	221.28	0.85
NC_1045	301.80	27.57	427.50	25.62	220.16	7.21
NC_1046	300.81	8.39	426.73	8.70	219.94	2.51
NC_1047	300.22	9.52	426.49	9.28	219.38	2.75
NC_1048	298.26	3.51	425.22	3.91	218.46	1.14
NC_1049	297.74	2.87	424.92	2.77	218.16	0.86
NC_1050	297.62	2.34	424.75	2.20	218.27	0.69
NC_1051	297.96	0.09	424.97	0.14	218.42	0.05
NC_1052	298.32	2.92	425.06	3.07	218.89	0.91

Subcatchment ID	Jun-16		Mar-22		Jul-22	
NC_1053	298.50	0.30	425.27	0.50	218.79	0.14
NC_1054	296.96	1.68	424.06	1.57	218.48	0.64
NC_1055	297.66	0.21	424.53	0.31	218.77	0.10
NC_1056	296.58	0.29	423.71	0.43	218.52	0.15
NC_1057	296.37	0.16	423.51	0.23	218.54	0.08
NC_1058	297.16	2.08	424.30	1.85	218.37	0.60
NC_1059	298.42	1.70	425.06	1.56	219.05	0.47
NC_1060	295.90	0.36	423.64	0.58	217.46	0.17
NC_1061	295.00	2.22	423.41	1.87	216.35	0.87
NC_1062	294.19	2.55	422.89	2.52	215.96	0.78
NC_1063	293.32	0.49	422.30	0.74	215.62	0.19
NC_1064	293.76	3.24	422.44	4.58	216.09	1.26
NC_1065	293.62	0.60	422.45	0.82	215.86	0.22
NC_1066	295.94	0.79	423.93	1.18	216.96	0.37
NC_1067	293.49	0.19	422.83	0.28	214.87	0.09
NC_1068	293.74	0.30	422.97	0.45	215.01	0.13
NC_1069	293.36	0.23	423.05	0.35	214.19	0.12
NC_1070	293.43	0.34	423.15	0.52	214.11	0.17
NC_1071	292.56	0.12	421.56	0.19	215.77	0.06
NC_1072	291.16	0.20	421.09	0.30	214.23	0.09
NC_1073	291.46	1.47	421.52	2.23	213.89	0.71
NC_1074	291.03	2.41	421.55	3.67	213.08	1.17
NC_1075	291.43	0.76	421.97	1.15	212.95	0.35
NC_1076	290.87	0.15	420.91	0.22	214.08	0.06
NC_1077	288.96	0.09	418.26	0.14	216.03	0.04
NC_1078	288.49	0.48	418.49	0.80	214.69	0.22
NC_1079	287.15	0.90	416.03	1.36	217.28	0.37
NC_1080	286.82	0.12	415.63	0.18	217.49	0.06
NC_1081	287.11	0.49	416.68	0.66	215.85	0.17
NC_1082	286.72	0.36	415.97	0.57	216.59	0.15
NC_1083	287.08	0.14	417.07	0.22	214.99	0.06
NC_1084	288.01	0.29	418.73	0.43	213.30	0.11
NC_1085	287.58	0.48	417.39	0.65	215.27	0.17
NC_1086	288.09	0.14	419.18	0.22	212.55	0.07
NC_1087	288.76	1.27	420.23	1.48	211.64	0.39
NC_1088	288.92	0.47	420.29	0.72	211.83	0.21
NC_1089	288.79	0.30	419.96	0.47	212.26	0.13
NC_1090	288.54	0.17	419.31	0.25	213.12	0.07
NC_1091	289.09	0.72	420.68	1.10	211.36	0.33
NC_1092	289.46	9.58	421.02	8.74	211.35	2.70
NC_1093	289.10	1.40	421.05	1.63	210.62	0.45
NC_1094	289.25	0.80	421.15	1.30	210.69	0.34
NC_1095	289.13	0.77	420.88	1.19	211.02	0.36
NC_1096	289.37	0.41	420.01	0.56	213.22	0.14
NC_1097	289.08	0.54	419.62	0.70	213.47	0.18
NC_1098	289.70	0.26	422.30	0.40	209.25	0.12
NC_1099	289.53	0.28	421.49	0.46	210.54	0.12
NC_1100	289.70	9.70	421.83	8.87	210.15	2.73

Subcatchment ID	Jun-16		Mar-22		Jul-22	
NC_1101	289.90	4.62	422.15	5.30	209.89	1.46
NC_1102	289.99	145.13	422.41	127.66	209.55	40.18
NC_1103	290.30	0.54	422.07	0.88	210.76	0.24
NC_1104	290.34	0.27	422.27	0.41	210.44	0.14
NC_1105	290.44	5.62	422.72	4.94	209.72	2.48
NC_1106	290.26	139.98	422.67	123.84	209.50	39.17
NC_1107	289.83	3.47	421.46	4.36	211.13	1.19
NC_1108	290.15	0.26	421.65	0.40	211.32	0.13
NC_1109	288.88	3.34	421.39	4.59	209.54	1.26
NC_1110	289.05	3.30	421.32	4.31	209.99	1.18
NC_1111	289.45	0.49	422.51	0.74	208.36	0.20
NC_1112	289.31	159.21	421.96	139.82	209.20	44.27
NC_1113	289.20	164.92	422.13	140.64	208.65	45.86
NC_1114	288.98	163.68	421.98	140.53	208.53	45.49
NC_1115	290.08	0.42	423.01	0.64	208.50	0.20
NC_1116	290.21	0.52	423.14	0.79	208.48	0.24
NC_1117	290.26	1.06	423.01	1.70	208.84	0.43
NC_1118	290.82	0.14	423.19	0.21	209.45	0.07
NC_1119	290.69	6.09	422.83	9.29	209.95	2.94
NC_1120	290.85	0.68	423.83	1.09	208.28	0.29
NC_1121	290.23	15.25	423.58	16.66	207.68	4.76
NC_1122	290.08	0.16	423.57	0.25	207.43	0.08
NC_1123	290.10	0.54	423.77	0.82	207.07	0.25
NC_1124	290.10	14.49	423.90	16.37	206.83	4.58
NC_1125	289.97	14.56	424.02	16.42	206.38	4.61
NC_1126	290.32	0.22	424.28	0.33	206.49	0.10
NC_1127	289.66	0.64	424.55	0.98	204.81	0.31
NC_1128	290.10	0.39	424.44	0.60	205.79	0.19
NC_1129	289.84	0.88	424.54	1.35	205.16	0.42
NC_1130	289.65	1.26	424.84	2.12	204.26	0.55
NC_1131	288.81	6.06	424.96	5.52	202.60	1.69
NC_1132	289.70	0.36	424.95	0.55	204.14	0.16
NC_1133	288.95	1.60	424.99	2.53	202.78	0.71
NC_1134	289.13	0.76	424.99	1.17	203.09	0.35
NC_1135	289.69	0.17	425.03	0.27	203.97	0.08
NC_1136	288.59	0.85	424.99	1.08	202.18	0.26
NC_1137	288.53	2.44	425.00	3.58	202.06	0.91
NC_1138	288.86	0.18	425.02	0.27	202.57	0.08
NC_1139	288.73	0.49	425.01	0.76	202.37	0.23
NC_1140	288.72	0.36	425.01	0.58	202.36	0.15
NC_1141	288.94	3.46	425.03	3.41	202.69	0.99
NC_1142	288.99	3.53	425.03	3.43	202.78	1.01
NC_1143	288.96	0.32	425.03	0.49	202.74	0.14
NC_1144	288.86	3.99	425.02	3.62	202.58	1.10
NC_1145	288.85	4.33	425.01	3.93	202.56	1.18
NC_1146	289.08	0.20	425.03	0.31	202.93	0.09
NC_1147	288.88	0.24	425.01	0.37	202.62	0.11
NC_1148	288.86	4.63	425.01	4.49	202.59	1.29

Subcatchment ID	Jun-16		Mar-22		Jul-22	
NC_1149	289.53	0.29	425.05	0.45	203.67	0.14
NC_1150	289.38	0.18	425.05	0.29	203.41	0.09
NC_1151	289.58	0.55	425.05	0.91	203.75	0.22
NC_1152	289.11	0.68	425.02	1.11	203.01	0.28
NC_1153	289.05	0.70	425.01	1.14	202.93	0.30
NC_1154	288.58	0.55	425.00	0.85	202.14	0.25
NC_1155	288.72	1.04	425.00	1.66	202.38	0.40
NC_1156	288.55	0.98	425.00	1.65	202.09	0.44
NC_1157	288.63	1.34	425.00	2.03	202.23	0.50
NC_1158	288.68	2.69	424.98	3.94	202.32	0.98
NC_1159	288.69	2.77	424.98	4.04	202.35	1.02
NC_1160	288.75	2.96	424.97	4.26	202.47	1.05
NC_1161	288.72	1.49	424.95	1.81	202.46	0.44
NC_1162	288.67	0.25	424.96	0.39	202.36	0.11
NC_1163	288.67	0.29	424.97	0.45	202.33	0.13
NC_1164	288.67	1.18	424.97	1.38	202.34	0.34
NC_1165	288.61	0.17	424.99	0.26	202.20	0.07
NC_1166	288.85	0.33	424.86	0.52	202.83	0.16
NC_1167	288.74	1.89	424.93	2.26	202.53	0.56
NC_1168	288.82	5.69	424.91	6.79	202.69	1.74
NC_1169	288.72	1.66	424.94	1.50	202.49	0.44
NC_1170	288.68	1.01	424.97	0.83	202.37	0.30
NC_1171	288.65	0.16	424.97	0.25	202.30	0.06
NC_1172	288.60	0.29	424.98	0.43	202.20	0.10
NC_1173	288.72	2.47	424.94	2.37	202.48	0.64
NC_1174	288.79	0.26	424.90	0.40	202.67	0.11
NC_1175	288.97	0.17	424.81	0.27	203.15	0.08
NC_1176	288.54	0.75	425.00	0.98	202.07	0.24
NC_1177	288.97	6.04	424.77	6.97	203.18	1.80
NC_1178	288.89	2.59	424.81	2.48	203.01	0.67
NC_1179	288.84	0.15	424.86	0.23	202.82	0.06
NC_1180	288.92	0.17	424.79	0.27	203.08	0.08
NC_1181	288.90	0.47	424.83	0.75	202.96	0.18
NC_1182	288.96	0.78	424.75	1.16	203.21	0.28
NC_1183	288.92	1.08	424.80	1.31	203.07	0.33
NC_1184	288.92	0.21	424.81	0.36	203.06	0.09
NC_1185	288.86	0.80	424.86	0.94	202.87	0.23
NC_1186	288.96	0.15	424.71	0.23	203.28	0.06
NC_1187	288.94	2.77	424.74	2.67	203.22	0.72
NC_1188	288.95	1.60	424.77	1.85	203.18	0.47
NC_1189	289.20	0.18	424.62	0.28	203.78	0.08
NC_1190	289.27	3.22	424.50	4.44	204.06	1.10
NC_1191	289.31	0.35	424.68	0.55	203.86	0.17
NC_1192	289.40	1.23	424.57	1.91	204.17	0.53
NC_1193	289.35	1.91	424.61	2.74	204.04	0.70
NC_1194	289.12	7.84	424.83	12.11	203.32	3.24
NC_1195	289.26	0.60	424.78	0.93	203.63	0.28
NC_1196	289.24	0.48	424.84	0.74	203.50	0.22

Subcatchment ID	Jun-16		Mar-22		Jul-22	
NC_1197	289.03	0.20	424.95	0.30	202.98	0.10
NC_1198	289.50	0.26	424.92	0.40	203.80	0.13
NC_1199	289.09	4.29	424.97	6.77	203.05	1.82
NC_1200	289.03	0.26	424.96	0.41	202.96	0.13
NC_1201	289.16	3.52	424.98	5.53	203.15	1.50
NC_1202	289.24	0.32	424.97	0.50	203.30	0.16
NC_1203	289.50	0.63	424.87	0.97	203.88	0.27
NC_1204	289.70	0.65	424.97	1.00	204.05	0.30
NC_1205	289.84	0.42	424.96	0.65	204.30	0.20
NC_1206	289.91	0.16	424.86	0.25	204.56	0.08
NC_1207	289.76	0.35	424.90	0.54	204.26	0.17
NC_1208	289.77	0.25	424.76	0.38	204.49	0.12
NC_1209	289.75	0.50	424.80	0.77	204.40	0.23
NC_1210	289.73	0.42	424.72	0.63	204.48	0.16
NC_1211	289.58	0.94	424.76	1.45	204.17	0.44
NC_1212	289.58	0.51	424.89	0.78	203.98	0.25
NC_1213	289.70	0.17	425.01	0.27	203.99	0.08
NC_1214	289.54	0.16	424.83	0.24	204.00	0.07
NC_1215	289.15	5.10	424.93	8.03	203.21	2.20
NC_1216	289.49	1.30	424.72	2.13	204.10	0.54
NC_1217	289.45	0.17	424.78	0.26	203.94	0.08
NC_1218	289.39	0.40	424.72	0.62	203.92	0.17
NC_1219	289.45	1.47	424.67	2.18	204.10	0.56
NC_1220	289.15	0.77	425.01	1.25	203.07	0.36
NC_1221	289.15	0.18	425.04	0.28	203.04	0.09
NC_1222	289.46	0.77	424.94	1.18	203.70	0.36
NC_1223	289.35	0.34	424.95	0.52	203.51	0.17
NC_1224	289.44	0.26	424.58	0.40	204.22	0.12
NC_1225	289.49	0.78	424.60	1.21	204.26	0.33
NC_1226	289.26	0.68	424.59	0.99	203.91	0.24
NC_1227	289.11	8.86	424.77	13.85	203.40	3.65
NC_1228	289.08	10.08	424.72	15.70	203.43	4.01
NC_1229	289.02	1.10	424.80	1.87	203.20	0.47
NC_1230	289.00	0.40	424.83	0.62	203.12	0.19
NC_1231	289.03	0.68	424.84	1.06	203.15	0.33
NC_1232	288.04	0.32	420.81	0.46	209.06	0.12
NC_1233	288.39	1.55	421.11	2.34	209.16	0.61
NC_1234	288.42	1.19	421.04	1.84	209.35	0.45
NC_1235	287.71	1.14	418.91	1.38	212.35	0.38
NC_1236	287.92	0.16	419.04	0.25	212.51	0.08
NC_1237	287.90	1.66	419.33	1.85	211.87	0.51
NC_1238	288.16	0.28	419.65	0.45	211.71	0.13
NC_1239	288.27	1.99	419.97	2.39	211.26	0.65
NC_1240	288.65	2.22	420.74	2.73	210.41	0.76
NC_1241	288.49	0.30	420.31	0.45	210.99	0.14
NC_1242	288.80	0.40	420.93	0.61	210.32	0.19
NC_1243	288.79	0.33	420.79	0.51	210.58	0.16
NC_1244	288.95	0.76	421.08	1.16	210.28	0.37

Subcatchment ID	Jun-16		Mar-22		Jul-22	
NC_1245	288.96	0.30	420.99	0.46	210.49	0.15
NC_1246	288.67	0.20	421.20	0.31	209.51	0.10
NC_1247	288.32	0.30	420.56	0.46	210.15	0.15
NC_1248	288.28	0.48	420.29	0.74	210.62	0.23
NC_1249	288.28	0.31	421.45	0.45	208.23	0.11
NC_1250	288.35	1.50	421.18	2.26	208.91	0.58
NC_1251	287.77	0.14	419.65	0.22	210.92	0.06
NC_1252	288.11	0.72	421.57	1.10	207.61	0.30
NC_1253	287.47	0.48	421.55	0.73	206.23	0.19
NC_1254	287.16	0.15	421.13	0.24	206.45	0.06
NC_1255	287.05	1.09	420.44	1.67	207.70	0.44
NC_1256	287.43	1.46	421.00	2.21	207.34	0.53
NC_1257	287.68	1.54	421.46	2.34	206.89	0.56
NC_1258	287.66	0.15	421.25	0.24	207.31	0.07
NC_1259	288.16	4.04	422.21	6.28	206.35	1.55
NC_1260	287.85	0.23	422.13	0.34	205.83	0.09
NC_1261	288.69	175.84	422.95	147.35	206.00	49.59
NC_1262	289.10	0.29	423.65	0.42	205.48	0.10
NC_1263	288.99	0.69	423.32	0.94	205.89	0.27
NC_1264	287.53	0.64	421.52	0.99	206.41	0.26
NC_1265	287.39	0.81	421.22	1.28	206.78	0.31
NC_1266	287.69	1.55	421.65	2.45	206.52	0.60
NC_1267	287.70	0.15	421.90	0.24	205.99	0.06
NC_1268	287.89	0.15	422.02	0.24	206.15	0.07
NC_1269	287.86	1.69	421.83	2.68	206.50	0.65
NC_1270	287.99	0.37	422.03	0.58	206.36	0.16
NC_1271	287.83	1.84	421.60	2.81	206.94	0.69
NC_1272	289.02	0.06	424.56	0.10	203.67	0.02
NC_1273	289.00	4.76	424.66	4.54	203.45	1.27
NC_1274	289.04	0.61	424.61	1.03	203.61	0.25
NC_1275	289.11	1.30	424.31	1.90	204.28	0.48
NC_1276	289.04	0.36	424.69	0.55	203.47	0.17
NC_1277	288.06	0.50	422.64	0.77	205.21	0.20
NC_1278	289.43	2.63	424.00	4.06	205.45	1.31
NC_1279	289.35	3.82	423.55	6.37	206.16	1.78
NC_1280	289.40	0.52	424.53	0.80	204.41	0.26
NC_1281	289.64	0.21	424.26	0.33	205.33	0.11
NC_1282	289.61	0.16	423.92	0.25	205.91	0.08
NC_1283	289.40	2.48	424.17	3.83	205.07	1.23
NC_1284	289.28	0.36	424.35	0.55	204.53	0.18
NC_1285	289.17	0.20	424.39	0.30	204.24	0.09
NC_1286	289.22	0.16	424.66	0.25	203.85	0.08
NC_1287	289.31	0.16	424.70	0.24	203.95	0.07
NC_1288	289.57	0.50	424.55	0.77	204.65	0.24
NC_1289	289.13	0.15	424.75	0.23	203.51	0.07
NC_1290	289.09	0.32	424.70	0.49	203.55	0.15
NC_1291	289.04	0.19	424.78	0.29	203.33	0.09
NC_1292	289.07	0.23	424.94	0.35	203.08	0.10

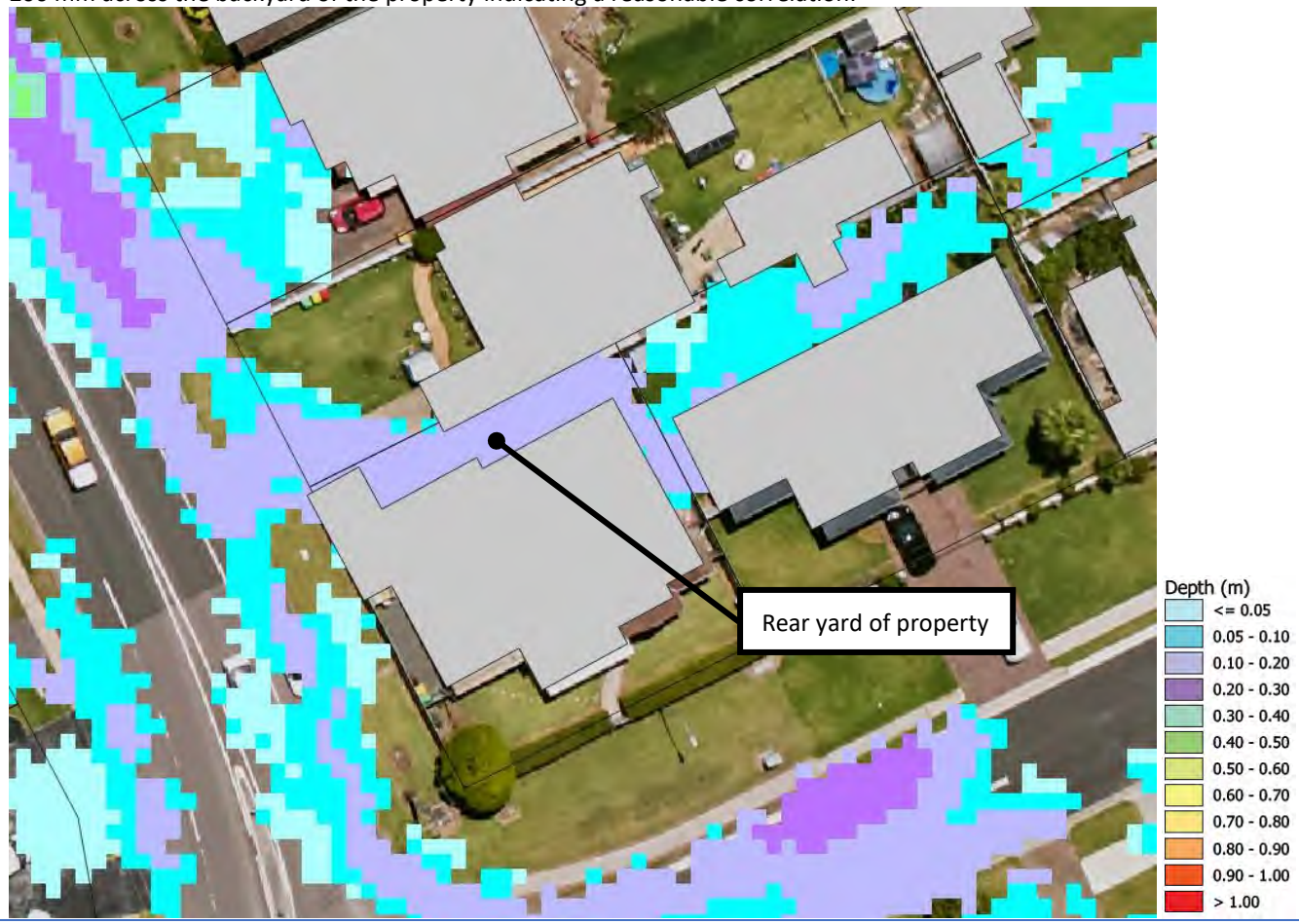
Subcatchment ID	Jun-16		Mar-22		Jul-22	
NC_1293	289.38	0.37	425.00	0.57	203.50	0.17
NC_1294	289.68	0.53	424.91	0.86	204.19	0.22
NC_1295	290.82	0.15	424.97	0.24	206.03	0.07
NC_1296	293.11	1.43	425.58	2.17	208.82	0.67
NC_1297	291.61	2.22	425.12	3.34	207.10	0.82
NC_1298	292.86	0.17	425.26	0.25	208.99	0.08
NC_1299	289.33	0.16	425.02	0.25	203.38	0.08
NC_1300	291.09	0.18	425.17	0.27	206.11	0.08
NC_1301	291.88	19.08	424.96	19.83	207.88	5.14
NC_1302	295.95	0.18	426.07	0.26	212.78	0.09
NC_1303	291.01	0.26	424.72	0.43	206.84	0.11
NC_1304	290.94	1.94	425.07	2.84	206.04	0.72
NC_1305	294.75	0.17	425.51	0.26	211.79	0.08
NC_1306	294.10	0.32	425.29	0.49	211.09	0.16
NC_1307	293.99	0.53	425.20	0.80	211.07	0.25
NC_1308	294.22	0.16	425.42	0.24	211.05	0.08
NC_1309	293.76	0.29	425.31	0.44	210.45	0.14
NC_1310	293.35	1.95	425.25	2.97	209.87	0.92
NC_1311	293.84	1.45	425.44	2.20	210.35	0.68
NC_1312	292.51	0.34	425.24	0.54	208.43	0.15
NC_1313	292.73	0.43	425.38	0.65	208.55	0.20
NC_1314	293.35	0.16	425.44	0.25	209.50	0.08
NC_1315	295.44	0.18	425.67	0.27	212.67	0.09
NC_1316	294.02	0.18	425.64	0.28	210.26	0.09
NC_1317	293.82	0.76	425.72	1.15	209.78	0.35
NC_1318	298.98	0.20	427.04	0.30	216.16	0.10
NC_1319	297.57	4.89	426.63	4.69	214.51	1.44
NC_1320	297.17	0.36	426.61	0.55	213.85	0.18
NC_1321	299.25	2.62	427.31	3.44	216.09	1.01
NC_1322	298.90	2.61	427.17	3.41	215.76	0.96

Appendix G

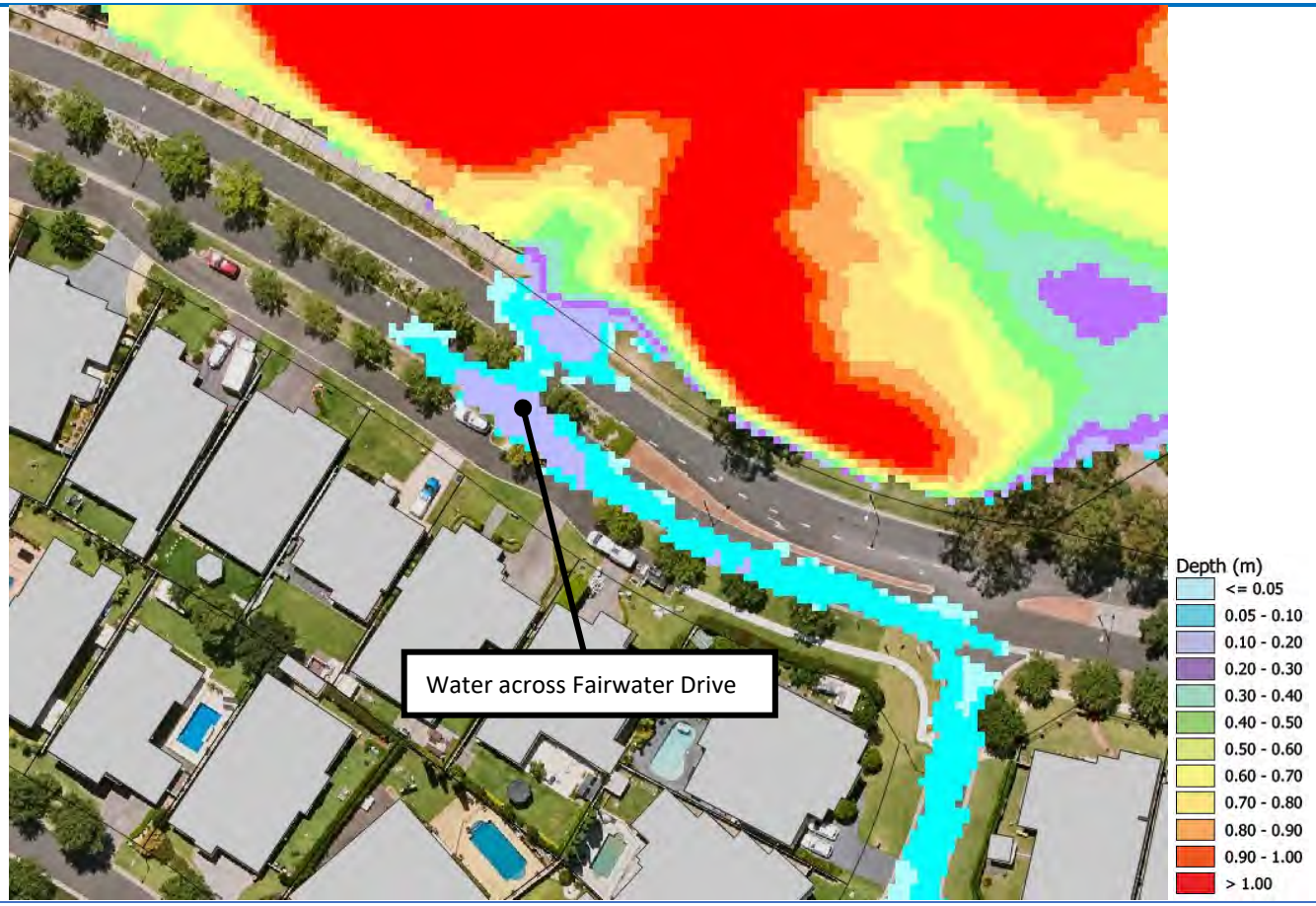
Anecdotal Flood Information

June 2016 Flood

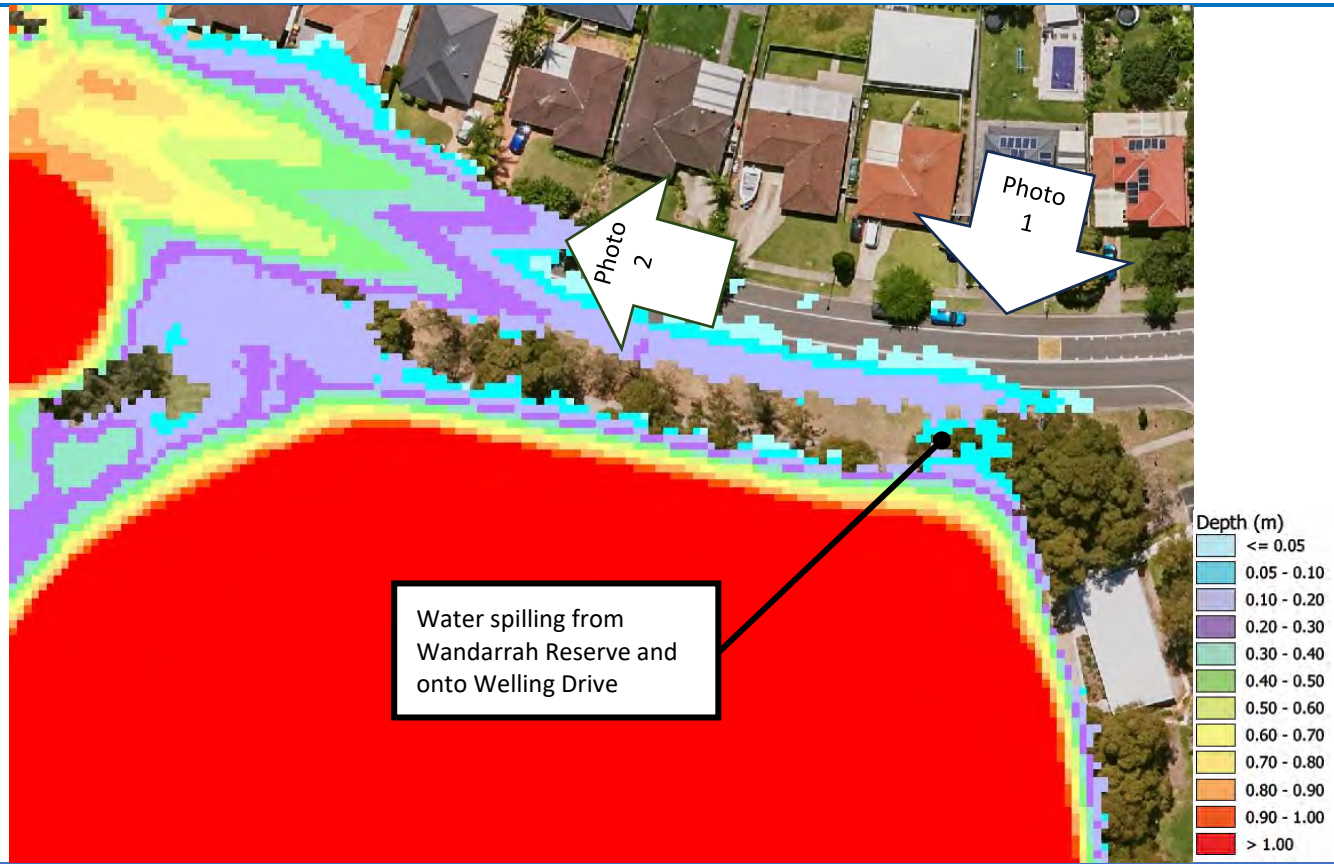
Table G1 Comparison between community flood information and simulation results for June 2016 flood

ID	Community Flood Information	Observations from Simulation Results
2	100 mm of water in the backyard, with the same in the garage	Simulated water depths across the property are shown below and indicate typical peak water depths of between 100 and 200 mm across the backyard of the property indicating a reasonable correlation. 

ID	Community Flood Information	Observations from Simulation Results
14	Water 70mm deep across Fairwater Drive	Simulated water depths in this area are shown below. It indicates water across Fairwater Drive with a peak depth of 50mm.
34	Fairwater Drive was cut off. Barricades by SES so couldn't return to our house until water sudsided	Simulated water depths are provided below and indicate significant inundation across Fairwater Drive (peak depths of 150mm which would be sufficient to stop traffic)

ID	Community Flood Information	Observations from Simulation Results
		
	Wandarrah reserve overflowed and cut Welling Drive for a few hours.	Photograph of Wandarrah Reserve during flood is provided below. If shows shallow water spilling from the north-eastern corner of the reserve. Simulated water depths are also provided below and show very similar behaviour. Peak depths on the road are predicted to be about 0.5 metres and would be sufficient to cut vehicular access.

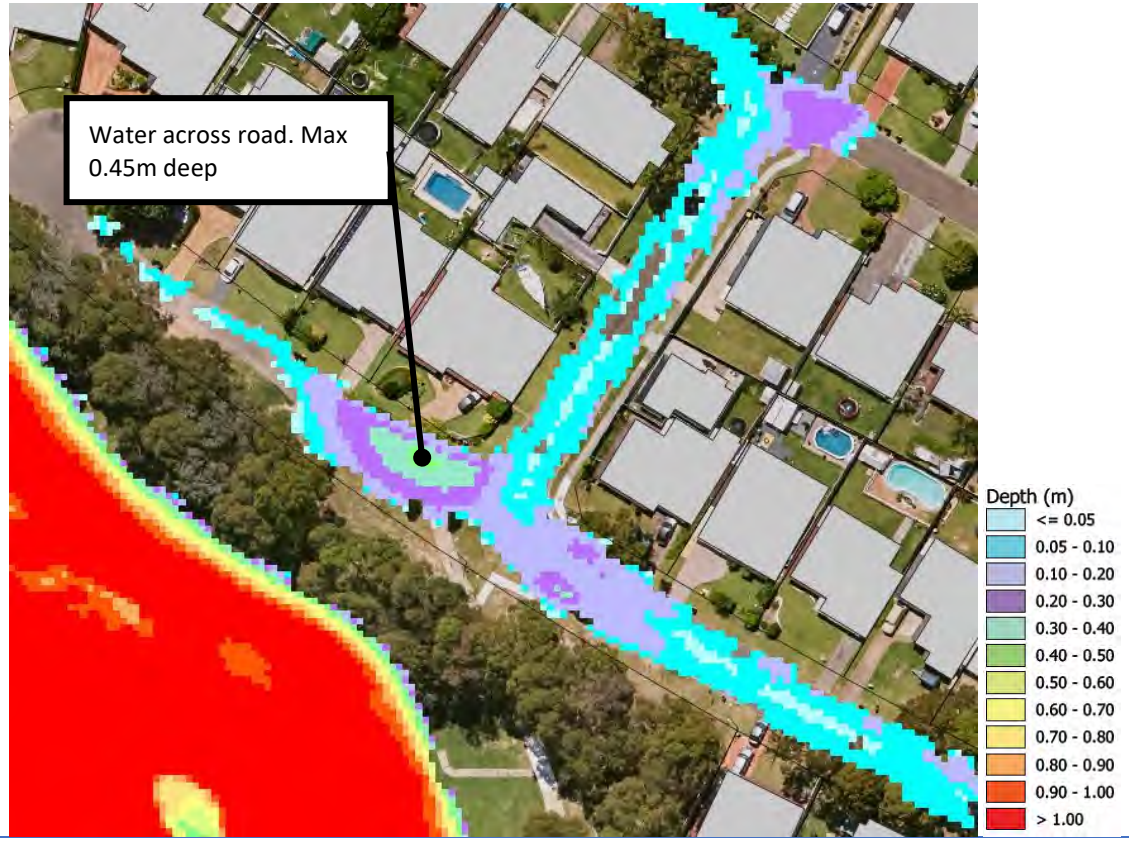
ID	Community Flood Information	Observations from Simulation Results
		Photo 1

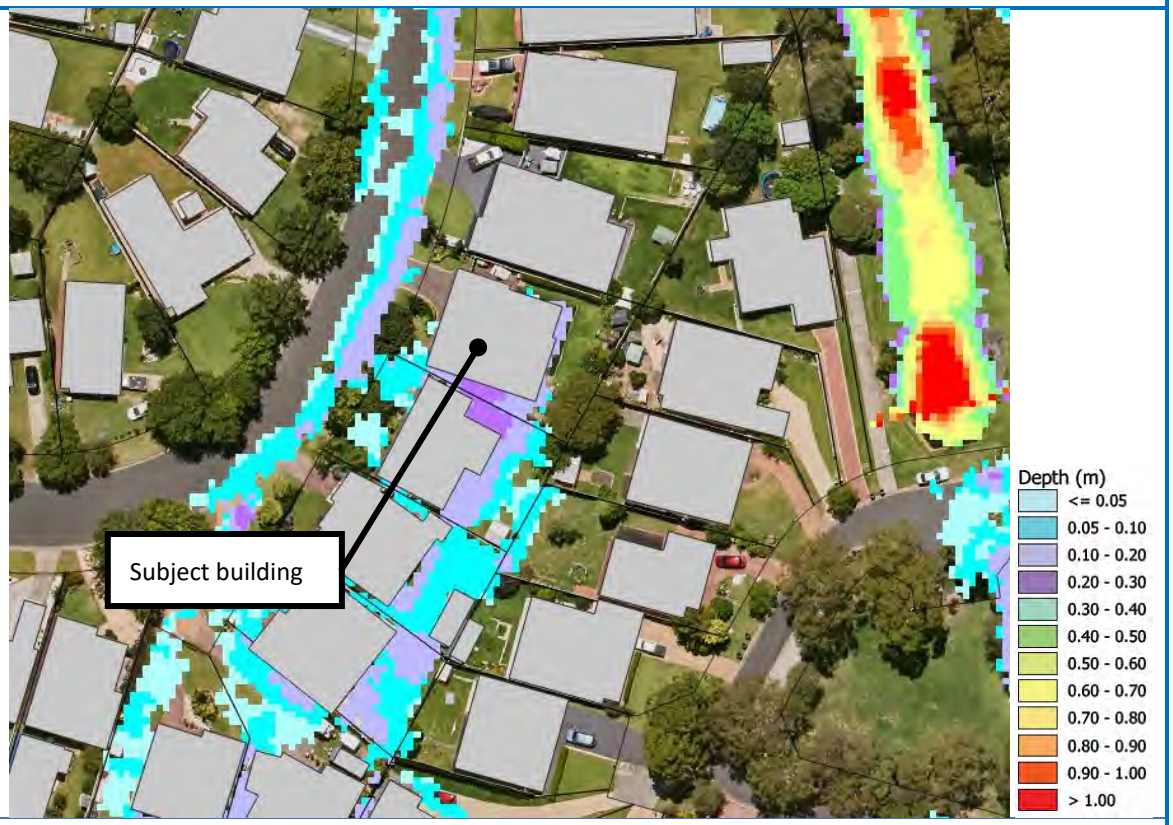
ID	Community Flood Information	Observations from Simulation Results
		
	Photo of flooding across Welling Drive	Simulated flood extent shown in previous image are generally consistent with photo provided below (approximate photo location is shown above).

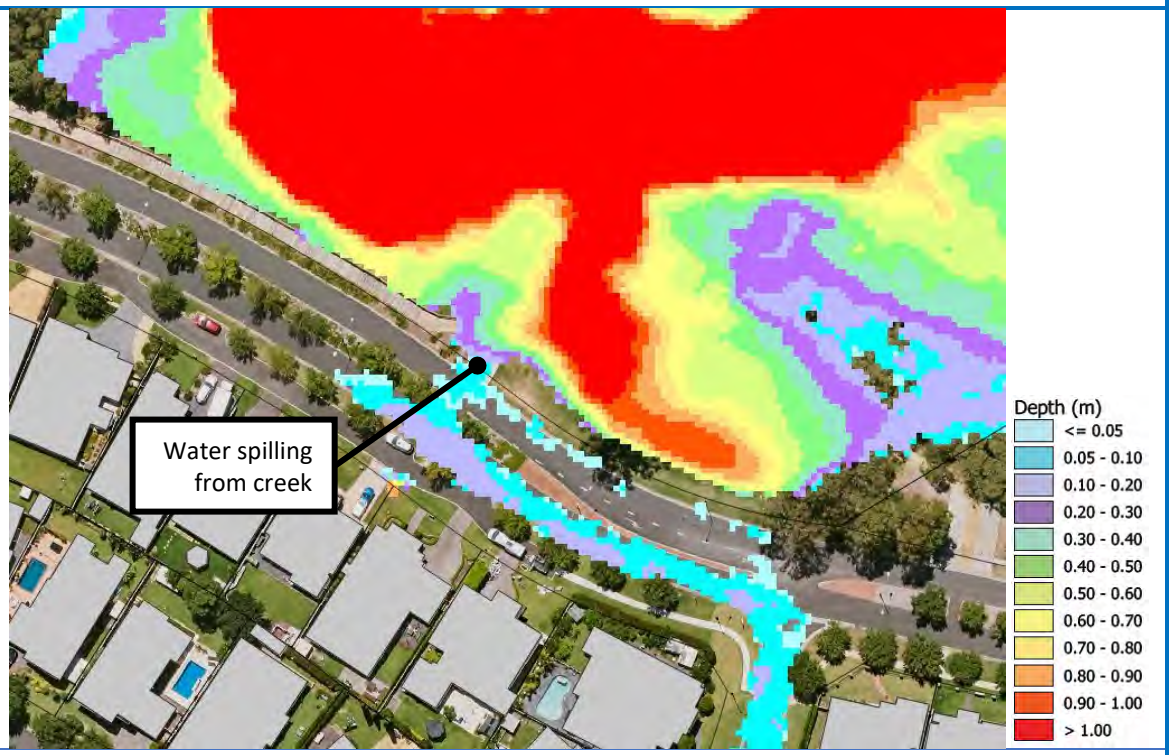
ID	Community Flood Information	Observations from Simulation Results
		Photo 2

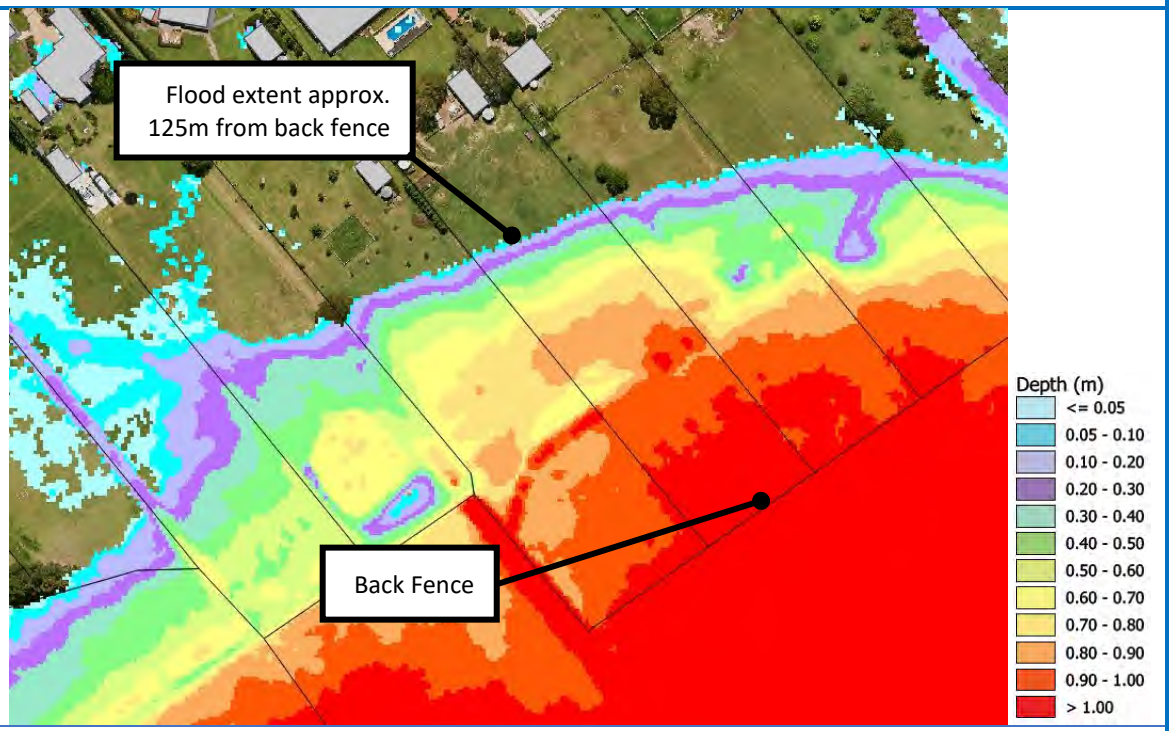
March 2022 Flood

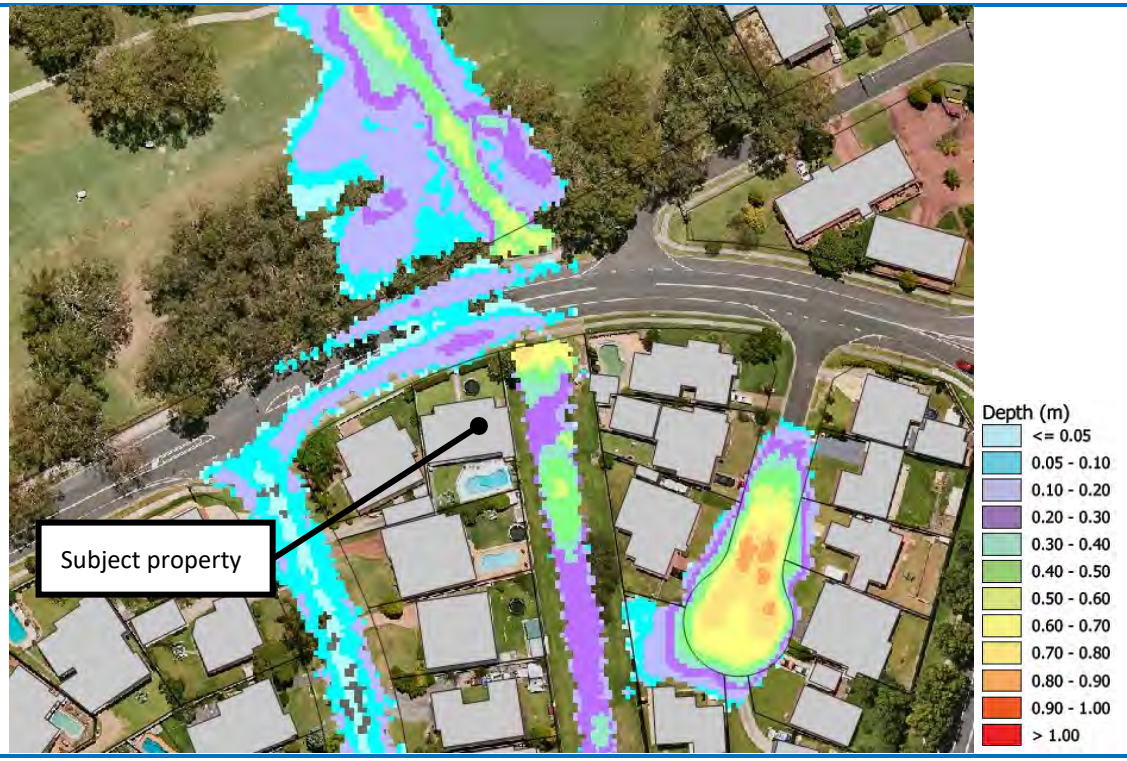
Table G2 Comparison between community flood information and simulation results for March 2022 flood

ID	Community Flood Information	Observations from Simulation Results
4	Water across driveway area.0.5m deep in gutter	Simulated water depths are shown below. It indicates water extending up driveway from road. Peak depth in road is 0.45m 
12	Water entered bathroom and ensuite. Water height was about 5cm in bathroom	Difficult to discern water depths within building from modelling results, but simulated water depths are shown below and indicate notable water around building in questions indicating above floor flooding could have occurred.

ID	Community Flood Information	Observations from Simulation Results
		
34	Creek directly opposite overflowed on several occasions	Simulated water depth below indicate that the creek breaks its banks and spills onto Fairwater Drive

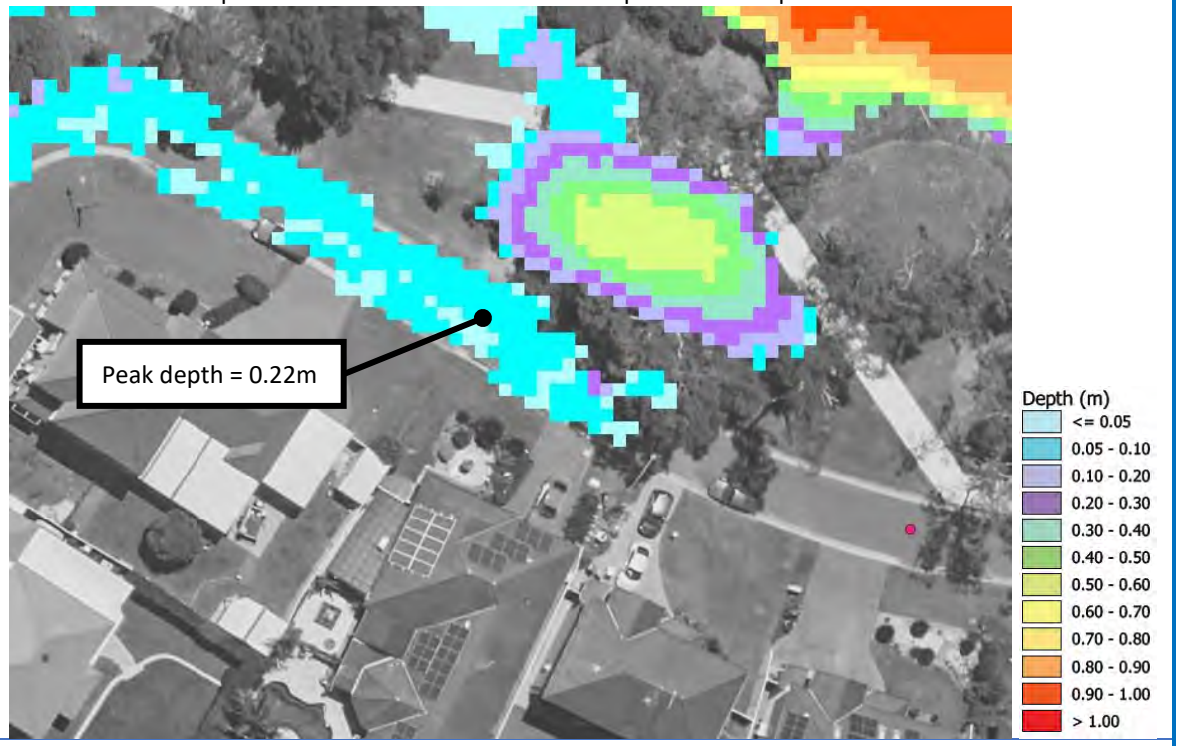
ID	Community Flood Information	Observations from Simulation Results
		
45	Water extended up 124m from back fence	Simulated water depths are provided below along with location of back fence and distance between back fence and simulated flood extent. The simulated extent shows a good agreement with the reported distance.

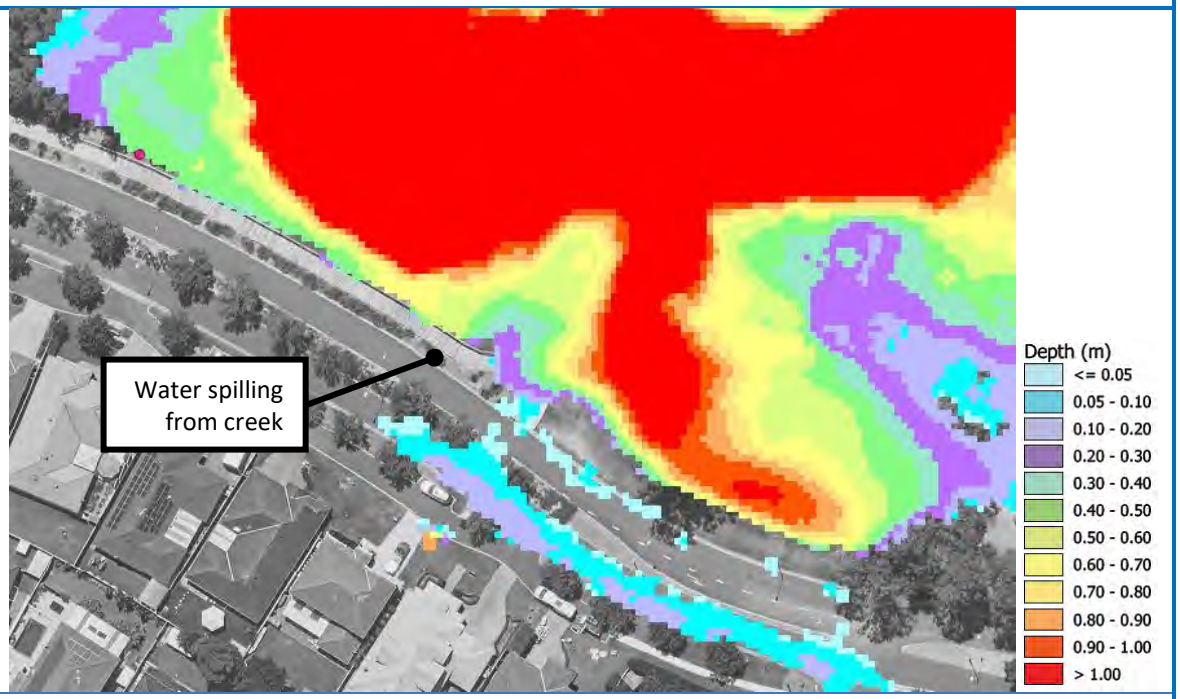
ID	Community Flood Information	Observations from Simulation Results
		
21	Water covered Lodge Road and extended into front yard of property	Simulated water depths are provided below. It shows water covering the full width of the road and extending across front property boundary.

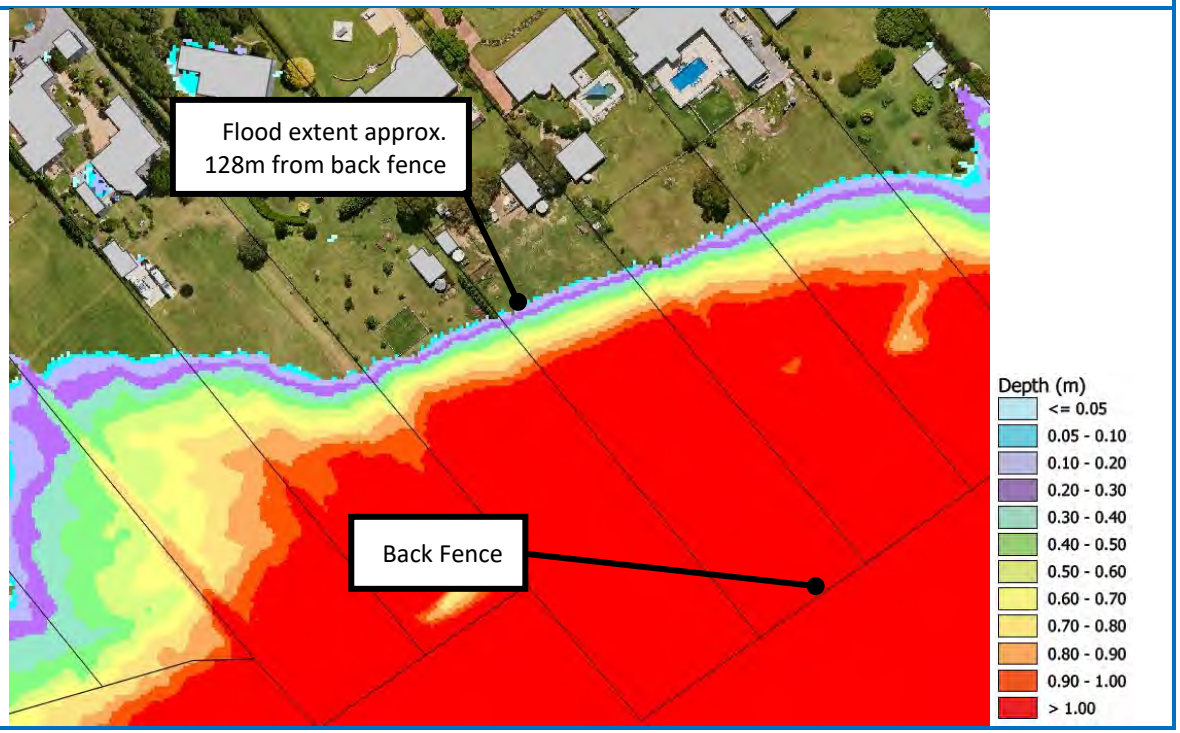
ID	Community Flood Information	Observations from Simulation Results
		

July 2022 Flood

Table G3 Comparison between community flood information and simulation results for July 2022 flood

ID	Community Flood Information	Observations from Simulation Results
23	Water across road, approximately 0.2m deep	Simulated water depths are shown below and indicate a peak water depth within road reserve of 0.22m 
34	Creek directly opposite overflowed on several occasions	Simulated water depth below indicate that the creek breaks its banks and spills onto Fairwater Drive

ID	Community Flood Information	Observations from Simulation Results
		
45	Water extended up 130m from back fence	Simulated water depths are provided below along with location of back fence and distance between back fence and simulated flood extent. The simulated extent shows a good agreement with the reported distance.

ID	Community Flood Information	Observations from Simulation Results
		

Appendix H
Design Rainfall

Storm Duration	ARR2019 Design Rainfall Depth (mm)							
	50% AEP	20% AEP	10% AEP	5% AEP	2% AEP	1% AEP	0.5% AEP	0.2% AEP
1 min	2.13	2.93	3.51	4.09	4.9	5.54	5.97	6.72
2 min	3.38	4.58	5.45	6.32	7.52	8.5	9.31	10.5
3 min	4.72	6.43	7.65	8.88	10.6	12	13	14.7
4 min	5.98	8.18	9.75	11.3	13.5	15.3	16.6	18.7
5 min	7.13	9.79	11.7	13.6	16.3	18.4	19.9	22.4
10 min	11.5	15.9	19	22.2	26.6	30.1	32.3	36.3
15 min	14.3	19.8	23.8	27.8	33.3	37.7	40.5	45.5
20 min	16.4	22.7	27.1	31.7	38	43	46.2	52.0
25 min	18	24.8	29.7	34.7	41.5	47	50.6	57
30 min	19.2	26.6	31.8	37.1	44.4	50.2	54.1	60.9
45 min	22.1	30.4	36.3	42.2	50.5	57.1	61.8	69.6
1 hour	24.2	33.1	39.5	45.9	54.9	62.1	67.2	75.8
1.5 hour	27.3	37.3	44.4	51.6	61.7	69.7	75.4	85
2 hour	29.9	40.7	48.4	56.3	67.2	76	82.1	92.5
3 hour	34.1	46.5	55.4	64.4	76.9	86.9	93.5	105
4.5 hour	39.5	54.0	64.4	75	89.6	101	109	122
6 hour	44.2	60.7	72.5	84.6	101	114	122	137
9 hour	52.3	72.6	87.1	102	122	138	147	165
12 hour	59.4	83.1	100	117	141	159	170	190
18 hour	71.2	101	122	144	173	195	209	235
24 hour	80.7	116	141	167	200	226	243	274
30 hour	88.7	128	156	185	222	251	279	317
36 hour	95.5	139	170	201	242	273	307	351
48 hour	106	155	191	227	272	307	348	398
72 hour	120	177	218	260	311	350	393	449
96 hour	129	189	233	277	331	373	414	472
120 hour	134	196	240	286	342	384	425	483
144 hour	137	199	243	290	346	389	430	488
168 hour	139	201	244	290	346	390	432	489

Storm Duration	ARR1987 Design Rainfall Depth (mm)					
	2 Yr	5 Yr	10 Yr	20 Yr	50 Yr	100 Yr
1 min	2.8	3.4	3.7	4.1	4.6	5.2
2 min	4.6	5.8	6.5	7.4	8.6	9.6
3 min	6.0	7.7	8.7	9.9	11.6	12.9
4 min	7.2	9.3	10.5	12.1	14.2	15.8
5 min	8.3	10.7	12.1	14.0	16.4	18.3
10 min	12.7	16.4	18.5	21.4	25.1	27.9
15 min	16.0	20.6	23.2	26.8	31.4	34.9
20 min	18.6	23.9	27.0	31.1	36.5	40.6
25 min	20.8	26.7	30.2	34.8	40.7	45.3
30 min	22.7	29.2	32.9	37.9	44.4	49.4
45 min	27.1	34.9	39.4	45.4	53.2	59.1
1 hour	30.4	39.2	44.3	51.0	59.8	66.5
1.50 hour	35.4	45.6	51.5	59.4	69.6	77.4

GSDM CALCULATION SHEET

LOCATION INFORMATION

Catchment Narellan Creek Area 33.18 km^2

State New South Wales Duration Limit 6.0 hrs

Latitude 34.0445^{0}S Longitude 150.7456^{0}E

Portion of Area Considered:

Smooth, **S** = 0.00 (0.0 - 1.0) Rough, **R** = 1.00 (0.0 - 1.0)

ELEVATION ADJUSTMENT FACTOR (EAF)

Mean Elevation 97 m

Adjustment for Elevation (-0.05 per 300m above 1500m) 0.00

EAF = **1.00** (0.85 – 1.00)

MOISTURE ADJUSTMENT FACTOR (MAF)

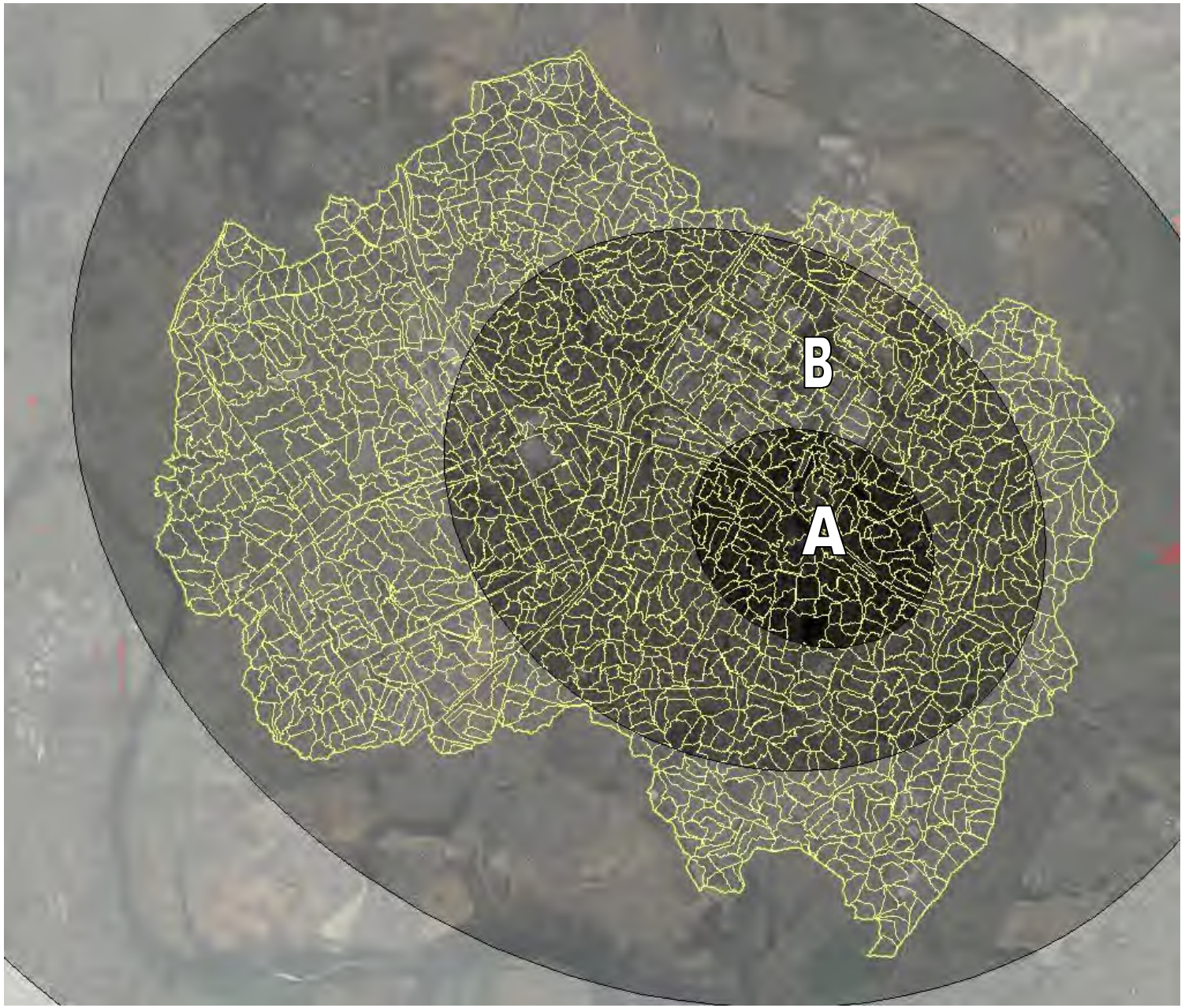
MAF = **0.68** (0.40-1.00)

PMP VALUES (mm)

Duration (hours)	Initial Depth -Smooth (D_S)	Initial Depth -Rough (D_R)	PMP Estimate = (D_SxS + D_RxR) x MAF x EAF	Rounded PMP Estimate (nearest 10 mm)
0.25	191	191	130	130
0.50	281	281	191	190
0.75	358	358	244	240
1.00	424	424	289	290
1.50	486	545	371	370
2.00	545	634	431	430
2.50	581	705	479	480
3.00	610	765	520	520
4.00	679	871	593	590
5.00	733	957	651	650
6.00	777	1021	694	690

Prepared By D. Tetley Date 07/09/2023

Checked By _____ Date _____


B
A

GSDM SPATIAL DISTRIBUTION

DURATION = 0.25 Hours							
Ellipse	**Catchment Area Between Ellipse (km^2)**	**Catchment Area Enclosed by Ellipse (km^2)**	**Initial Mean Rainfall Depth (mm)**	**Adjusted Mean Rainfall Depth (mm)**	**Rainfall Volume enclosed by Ellipse ($mm.km^2$)**	**Rainfall Volume between Ellipses ($mm.km^2$)**	**Mean Rainfall Depth between ellipses (mm)**
A	2.60	2.60	232	158	410	410	158
B	13.38	15.98	204	139	2217	1808	135
C	17.20	33.18	191	130	4319	2102	122
D	N/A	N/A	N/A	N/A	N/A	N/A	N/A
E	N/A	N/A	N/A	N/A	N/A	N/A	N/A
F	N/A	N/A	N/A	N/A	N/A	N/A	N/A
G	N/A	N/A	N/A	N/A	N/A	N/A	N/A
H	N/A	N/A	N/A	N/A	N/A	N/A	N/A
I	N/A	N/A	N/A	N/A	N/A	N/A	N/A
J	N/A	N/A	N/A	N/A	N/A	N/A	N/A

DURATION = 0.50 Hours							
Ellipse	**Catchment Area Between Ellipse (km^2)**	**Catchment Area Enclosed by Ellipse (km^2)**	**Initial Mean Rainfall Depth (mm)**	**Adjusted Mean Rainfall Depth (mm)**	**Rainfall Volume enclosed by Ellipse ($mm.km^2$)**	**Rainfall Volume between Ellipses ($mm.km^2$)**	**Mean Rainfall Depth between ellipses (mm)**
A	2.60	2.60	336	228	593	593	228
B	13.38	15.98	301	205	3271	2678	200
C	17.20	33.18	281	191	6343	3072	179
D	N/A	N/A	N/A	N/A	N/A	N/A	N/A
E	N/A	N/A	N/A	N/A	N/A	N/A	N/A
F	N/A	N/A	N/A	N/A	N/A	N/A	N/A
G	N/A	N/A	N/A	N/A	N/A	N/A	N/A
H	N/A	N/A	N/A	N/A	N/A	N/A	N/A
I	N/A	N/A	N/A	N/A	N/A	N/A	N/A
J	N/A	N/A	N/A	N/A	N/A	N/A	N/A

GSDM SPATIAL DISTRIBUTION (continued)

DURATION = 0.75 Hours

Ellipse	Catchment Area Between Ellipse (km^2)	Catchment Area Enclosed by Ellipse (km^2)	Initial Mean Rainfall Depth (mm)	Adjusted Mean Rainfall Depth (mm)	Rainfall Volume enclosed by Ellipse ($mm.km^2$)	Rainfall Volume between Ellipses ($mm.km^2$)	Mean Rainfall Depth between ellipses (mm)
A	2.60	2.60	425	289	750	750	289
B	13.38	15.98	383	260	4162	3412	255
C	17.20	33.18	358	244	8082	3920	228
D	N/A	N/A	N/A	N/A	N/A	N/A	N/A
E	N/A	N/A	N/A	N/A	N/A	N/A	N/A
F	N/A	N/A	N/A	N/A	N/A	N/A	N/A
G	N/A	N/A	N/A	N/A	N/A	N/A	N/A
H	N/A	N/A	N/A	N/A	N/A	N/A	N/A
I	N/A	N/A	N/A	N/A	N/A	N/A	N/A
J	N/A	N/A	N/A	N/A	N/A	N/A	N/A

DURATION = 1.0 Hours

Ellipse	Catchment Area Between Ellipse (km^2)	Catchment Area Enclosed by Ellipse (km^2)	Initial Mean Rainfall Depth (mm)	Adjusted Mean Rainfall Depth (mm)	Rainfall Volume enclosed by Ellipse ($mm.km^2$)	Rainfall Volume between Ellipses ($mm.km^2$)	Mean Rainfall Depth between ellipses (mm)
A	2.60	2.60	493	335	870	870	335
B	13.38	15.98	449	305	4880	4009	300
C	17.20	33.18	424	289	9578	4698	273
D	N/A	N/A	N/A	N/A	N/A	N/A	N/A
E	N/A	N/A	N/A	N/A	N/A	N/A	N/A
F	N/A	N/A	N/A	N/A	N/A	N/A	N/A
G	N/A	N/A	N/A	N/A	N/A	N/A	N/A
H	N/A	N/A	N/A	N/A	N/A	N/A	N/A
I	N/A	N/A	N/A	N/A	N/A	N/A	N/A
J	N/A	N/A	N/A	N/A	N/A	N/A	N/A

GSDM SPATIAL DISTRIBUTION (continued)

DURATION = 1.5 Hours

Ellipse	Catchment Area Between Ellipse (km^2)	Catchment Area Enclosed by Ellipse (km^2)	Initial Mean Rainfall Depth (mm)	Adjusted Mean Rainfall Depth (mm)	Rainfall Volume enclosed by Ellipse ($mm.km^2$)	Rainfall Volume between Ellipses ($mm.km^2$)	Mean Rainfall Depth between ellipses (mm)
A	2.60	2.60	636	433	1123	1123	433
B	13.38	15.98	575	391	6249	5126	383
C	17.20	33.18	545	371	12294	6045	351
D	N/A	N/A	N/A	N/A	N/A	N/A	N/A
E	N/A	N/A	N/A	N/A	N/A	N/A	N/A
F	N/A	N/A	N/A	N/A	N/A	N/A	N/A
G	N/A	N/A	N/A	N/A	N/A	N/A	N/A
H	N/A	N/A	N/A	N/A	N/A	N/A	N/A
I	N/A	N/A	N/A	N/A	N/A	N/A	N/A
J	N/A	N/A	N/A	N/A	N/A	N/A	N/A

DURATION = 2.0 Hours

Ellipse	Catchment Area Between Ellipse (km^2)	Catchment Area Enclosed by Ellipse (km^2)	Initial Mean Rainfall Depth (mm)	Adjusted Mean Rainfall Depth (mm)	Rainfall Volume enclosed by Ellipse ($mm.km^2$)	Rainfall Volume between Ellipses ($mm.km^2$)	Mean Rainfall Depth between ellipses (mm)
A	2.60	2.60	744	506	1313	1313	506
B	13.38	15.98	672	457	7303	5989	447
C	17.20	33.18	634	431	14296	6993	407
D	N/A	N/A	N/A	N/A	N/A	N/A	N/A
E	N/A	N/A	N/A	N/A	N/A	N/A	N/A
F	N/A	N/A	N/A	N/A	N/A	N/A	N/A
G	N/A	N/A	N/A	N/A	N/A	N/A	N/A
H	N/A	N/A	N/A	N/A	N/A	N/A	N/A
I	N/A	N/A	N/A	N/A	N/A	N/A	N/A
J	N/A	N/A	N/A	N/A	N/A	N/A	N/A

GSDM SPATIAL DISTRIBUTION (continued)

DURATION = 2.5 Hours

Ellipse	Catchment Area Between Ellipse (km^2)	Catchment Area Enclosed by Ellipse (km^2)	Initial Mean Rainfall Depth (mm)	Adjusted Mean Rainfall Depth (mm)	Rainfall Volume enclosed by Ellipse ($mm.km^2$)	Rainfall Volume between Ellipses ($mm.km^2$)	Mean Rainfall Depth between ellipses (mm)
A	2.60	2.60	821	558	1449	1449	558
B	13.38	15.98	742	505	8064	6614	494
C	17.20	33.18	705	479	15905	7842	456
D	N/A	N/A	N/A	N/A	N/A	N/A	N/A
E	N/A	N/A	N/A	N/A	N/A	N/A	N/A
F	N/A	N/A	N/A	N/A	N/A	N/A	N/A
G	N/A	N/A	N/A	N/A	N/A	N/A	N/A
H	N/A	N/A	N/A	N/A	N/A	N/A	N/A
I	N/A	N/A	N/A	N/A	N/A	N/A	N/A
J	N/A	N/A	N/A	N/A	N/A	N/A	N/A

DURATION = 3.0 Hours

Ellipse	Catchment Area Between Ellipse (km^2)	Catchment Area Enclosed by Ellipse (km^2)	Initial Mean Rainfall Depth (mm)	Adjusted Mean Rainfall Depth (mm)	Rainfall Volume enclosed by Ellipse ($mm.km^2$)	Rainfall Volume between Ellipses ($mm.km^2$)	Mean Rainfall Depth between ellipses (mm)
A	2.60	2.60	901	613	1591	1591	613
B	13.38	15.98	810	551	8803	7212	539
C	17.20	33.18	765	520	17260	8457	492
D	N/A	N/A	N/A	N/A	N/A	N/A	N/A
E	N/A	N/A	N/A	N/A	N/A	N/A	N/A
F	N/A	N/A	N/A	N/A	N/A	N/A	N/A
G	N/A	N/A	N/A	N/A	N/A	N/A	N/A
H	N/A	N/A	N/A	N/A	N/A	N/A	N/A
I	N/A	N/A	N/A	N/A	N/A	N/A	N/A
J	N/A	N/A	N/A	N/A	N/A	N/A	N/A

GSDM SPATIAL DISTRIBUTION (continued)

DURATION = 4.0 Hours

Ellipse	Catchment Area Between Ellipse (km^2)	Catchment Area Enclosed by Ellipse (km^2)	Initial Mean Rainfall Depth (mm)	Adjusted Mean Rainfall Depth (mm)	Rainfall Volume enclosed by Ellipse ($mm.km^2$)	Rainfall Volume between Ellipses ($mm.km^2$)	Mean Rainfall Depth between ellipses (mm)
A	2.60	2.60	1030	700	1818	1818	700
B	13.38	15.98	926	630	10064	8246	616
C	17.20	33.18	871	593	19661	9597	558
D	N/A	N/A	N/A	N/A	N/A	N/A	N/A
E	N/A	N/A	N/A	N/A	N/A	N/A	N/A
F	N/A	N/A	N/A	N/A	N/A	N/A	N/A
G	N/A	N/A	N/A	N/A	N/A	N/A	N/A
H	N/A	N/A	N/A	N/A	N/A	N/A	N/A
I	N/A	N/A	N/A	N/A	N/A	N/A	N/A
J	N/A	N/A	N/A	N/A	N/A	N/A	N/A

DURATION = 5.0 Hours

Ellipse	Catchment Area Between Ellipse (km^2)	Catchment Area Enclosed by Ellipse (km^2)	Initial Mean Rainfall Depth (mm)	Adjusted Mean Rainfall Depth (mm)	Rainfall Volume enclosed by Ellipse ($mm.km^2$)	Rainfall Volume between Ellipses ($mm.km^2$)	Mean Rainfall Depth between ellipses (mm)
A	2.60	2.60	1135	772	2004	2004	772
B	13.38	15.98	1018	692	11064	9060	677
C	17.20	33.18	957	651	21596	10532	612
D	N/A	N/A	N/A	N/A	N/A	N/A	N/A
E	N/A	N/A	N/A	N/A	N/A	N/A	N/A
F	N/A	N/A	N/A	N/A	N/A	N/A	N/A
G	N/A	N/A	N/A	N/A	N/A	N/A	N/A
H	N/A	N/A	N/A	N/A	N/A	N/A	N/A
I	N/A	N/A	N/A	N/A	N/A	N/A	N/A
J	N/A	N/A	N/A	N/A	N/A	N/A	N/A

GSDM SPATIAL DISTRIBUTION (continued)

DURATION = 6.0 Hours							
Ellipse	**Catchment Area Between Ellipse (km^2)**	**Catchment Area Enclosed by Ellipse (km^2)**	**Initial Mean Rainfall Depth (mm)**	**Adjusted Mean Rainfall Depth (mm)**	**Rainfall Volume enclosed by Ellipse ($mm.km^2$)**	**Rainfall Volume between Ellipses ($mm.km^2$)**	**Mean Rainfall Depth between ellipses (mm)**
A	2.60	2.60	1200	816	2118	2118	816
B	13.38	15.98	1084	737	11781	9662	722
C	17.20	33.18	1021	694	23040	11259	655
D	N/A	N/A	N/A	N/A	N/A	N/A	N/A
E	N/A	N/A	N/A	N/A	N/A	N/A	N/A
F	N/A	N/A	N/A	N/A	N/A	N/A	N/A
G	N/A	N/A	N/A	N/A	N/A	N/A	N/A
H	N/A	N/A	N/A	N/A	N/A	N/A	N/A
I	N/A	N/A	N/A	N/A	N/A	N/A	N/A
J	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Appendix I

WBNM Design Outputs

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_1	1080	4846	44.03	42.74	10.16	46.77	8.54	8.54	28.30	42.57	41.65	42.57	-4.20	-9.0%
NC_2	360	4737	0.12	0.12	0.03	0.12	0.01	0.01	0.01	0.12	0.11	0.12	0.00	0.0%
NC_3	10	4388	0.06	0.06	0.01	0.06	0.06	0.06	0.03	0.05	0.05	0.06	0.00	0.0%
NC_4	540	4770	0.17	0.16	0.08	0.18	0.03	0.03	0.02	0.18	0.14	0.18	0.00	0.0%
NC_5	10	4389	1.88	1.86	0.04	1.86	1.84	1.86	0.99	0.69	1.27	1.86	0.00	0.0%
NC_6	10	4389	0.46	0.45	0.04	0.46	0.42	0.46	0.22	0.13	0.29	0.46	0.00	0.0%
NC_7	10	4389	0.38	0.36	0.03	0.37	0.36	0.37	0.18	0.11	0.23	0.37	0.00	0.0%
NC_8	360	4732	0.09	0.08	0.02	0.08	0.01	0.01	0.01	0.08	0.08	0.08	0.00	0.0%
NC_9	20	4451	0.55	0.55	0.06	0.55	0.50	0.53	0.33	0.22	0.39	0.53	-0.02	-3.6%
NC_10	45	4553	1.21	1.23	0.08	1.23	0.65	0.65	1.06	1.04	1.06	1.06	-0.17	-13.8%
NC_11	10	4389	1.14	1.13	0.04	1.13	1.08	1.13	0.56	0.40	0.74	1.13	0.00	0.0%
NC_12	10	4384	0.20	0.19	0.02	0.19	0.19	0.19	0.10	0.08	0.13	0.19	0.00	0.0%
NC_13	360	4740	0.07	0.06	0.02	0.06	0.04	0.04	0.02	0.06	0.06	0.06	0.00	0.0%
NC_14	10	4389	0.50	0.49	0.04	0.50	0.45	0.50	0.24	0.15	0.32	0.50	0.00	0.0%
NC_15	360	4737	0.23	0.23	0.05	0.24	0.03	0.03	0.04	0.24	0.21	0.24	0.00	0.0%
NC_16	10	4384	0.19	0.19	0.02	0.19	0.19	0.19	0.09	0.06	0.12	0.19	0.00	0.0%
NC_17	360	4740	0.07	0.06	0.02	0.06	0.02	0.02	0.02	0.06	0.06	0.06	0.00	0.0%
NC_18	10	4389	0.48	0.47	0.04	0.47	0.43	0.47	0.23	0.19	0.31	0.47	0.00	0.0%
NC_19	360	4737	0.12	0.11	0.03	0.11	0.03	0.03	0.02	0.11	0.10	0.11	0.00	0.0%
NC_20	360	4740	0.06	0.06	0.02	0.06	0.00	0.00	0.01	0.06	0.06	0.06	0.00	0.0%
NC_21	45	4554	1.55	1.58	0.11	1.58	0.85	0.85	1.36	1.29	1.33	1.36	-0.22	-13.9%
NC_22	10	4384	0.11	0.10	0.01	0.11	0.11	0.10	0.05	0.06	0.09	0.11	0.00	0.0%
NC_23	360	4736	0.40	0.39	0.09	0.41	0.04	0.04	0.05	0.42	0.35	0.42	0.01	2.4%
NC_24	360	4740	0.20	0.18	0.05	0.19	0.16	0.18	0.10	0.18	0.19	0.19	0.00	0.0%
NC_25	10	4389	0.29	0.28	0.03	0.28	0.28	0.28	0.14	0.08	0.18	0.28	0.00	0.0%
NC_26	360	4740	0.07	0.07	0.02	0.07	0.07	0.06	0.03	0.06	0.07	0.07	0.00	0.0%
NC_27	10	4389	0.30	0.29	0.03	0.29	0.29	0.29	0.15	0.07	0.18	0.29	0.00	0.0%
NC_28	10	4389	0.26	0.25	0.02	0.25	0.24	0.25	0.13	0.12	0.17	0.25	0.00	0.0%
NC_29	10	4389	0.35	0.33	0.03	0.34	0.33	0.34	0.17	0.10	0.21	0.34	0.00	0.0%
NC_30	540	4770	1.66	1.59	0.70	1.76	0.39	0.39	0.66	1.76	1.52	1.76	0.00	0.0%
NC_31	360	4740	0.07	0.06	0.02	0.06	0.03	0.03	0.02	0.06	0.06	0.06	0.00	0.0%
NC_32	360	4737	0.25	0.23	0.06	0.23	0.13	0.14	0.07	0.23	0.23	0.23	0.00	0.0%
NC_33	360	4740	0.07	0.06	0.02	0.06	0.03	0.03	0.02	0.06	0.06	0.06	0.00	0.0%
NC_34	540	4770	2.27	2.16	0.98	2.40	0.41	0.41	0.72	2.40	2.06	2.40	0.00	0.0%
NC_35	10	4384	0.11	0.11	0.01	0.11	0.11	0.11	0.06	0.09	0.10	0.11	0.00	0.0%
NC_36	360	4740	0.46	0.43	0.10	0.44	0.31	0.31	0.20	0.42	0.44	0.44	0.00	0.0%
NC_37	10	4384	0.19	0.18	0.02	0.18	0.18	0.18	0.09	0.06	0.12	0.18	0.00	0.0%
NC_38	10	4389	0.30	0.29	0.03	0.29	0.28	0.29	0.14	0.07	0.18	0.29	0.00	0.0%
NC_39	10	4391	0.08	0.08	0.01	0.09	0.09	0.08	0.04	0.07	0.08	0.09	0.00	0.0%
NC_40	540	4770	2.28	2.18	0.98	2.41	0.37	0.37	0.71	2.41	2.08	2.41	0.00	0.0%
NC_41	10	4389	0.33	0.33	0.03	0.33	0.30	0.33	0.18	0.13	0.23	0.33	0.00	0.0%
NC_42	10	4389	0.18	0.17	0.01	0.18	0.16	0.18	0.09	0.12	0.14	0.18	0.00	0.0%
NC_43	10	4389	0.36	0.36	0.03	0.36	0.33	0.36	0.17	0.13	0.24	0.36	0.00	0.0%
NC_44	10	4384	0.20	0.20	0.02	0.20	0.20	0.20	0.10	0.06	0.13	0.20	0.00	0.0%
NC_45	10	4389	0.29	0.28	0.03	0.28	0.27	0.28	0.14	0.08	0.18	0.28	0.00	0.0%
NC_46	360	4740	0.07	0.07	0.02	0.07	0.04	0.03	0.02	0.06	0.07	0.07	0.00	0.0%
NC_47	10	4389	0.60	0.59	0.04	0.60	0.54	0.60	0.29	0.16	0.38	0.60	0.00	0.0%
NC_48	10	4389	0.55	0.54	0.03	0.55	0.50	0.55	0.29	0.19	0.36	0.55	0.00	0.0%
NC_49	45	4550	3.76	3.73	0.14	3.74	1.92	1.92	3.65	3.56	3.69	3.69	-0.05	-1.3%
NC_50	360	4740	0.08	0.07	0.02	0.07	0.02	0.02	0.01	0.07	0.07	0.07	0.00	0.0%
NC_51	10	4389	0.58	0.57	0.03	0.58	0.54	0.58	0.28	0.20	0.38	0.58	0.00	0.0%
NC_52	10	4389	0.38	0.37	0.03	0.38	0.34	0.38	0.20	0.23	0.26	0.38	0.00	0.0%
NC_53	360	4740	0.39	0.36	0.09	0.37	0.31	0.32	0.17	0.35	0.37	0.37	0.00	0.0%
NC_54	10	4389	0.38	0.37	0.03	0.38	0.34	0.38	0.18	0.12	0.24	0.38	0.00	0.0%
NC_55	10	4384	0.16	0.15	0.02	0.16	0.16	0.15	0.08	0.06	0.11	0.16	0.00	0.0%
NC_56	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.06	0.14	0.22	0.00	0.0%
NC_57	10	4389	0.25	0.24	0.02	0.25	0.24	0.25	0.12	0.09	0.17	0.25	0.00	0.0%
NC_58	45	4550	3.70	3.68	0.13	3.68	1.88	1.88	3.62	3.55	3.71	3.71	0.03	0.8%
NC_59	10	4389	0.31	0.30	0.03	0.31	0.30	0.31	0.15	0.09	0.20	0.31	0.00	0.0%
NC_60	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.06	0.14	0.21	0.00	0.0%
NC_61	10	4384	0.16	0.15	0.02	0.15	0.15	0.15	0.08	0.08	0.11	0.15	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_62	20	4449	2.51	2.53	0.20	2.58	2.24	2.26	1.50	1.05	1.78	2.26	-0.32	-12.4%
NC_63	10	4389	0.24	0.24	0.02	0.24	0.24	0.24	0.12	0.06	0.15	0.24	0.00	0.0%
NC_64	20	4449	0.43	0.44	0.05	0.45	0.39	0.40	0.26	0.26	0.33	0.40	-0.05	-11.1%
NC_65	10	4389	0.39	0.37	0.04	0.38	0.37	0.38	0.19	0.09	0.23	0.38	0.00	0.0%
NC_66	10	4389	0.27	0.26	0.02	0.26	0.26	0.26	0.13	0.07	0.16	0.26	0.00	0.0%
NC_67	20	4449	0.59	0.59	0.06	0.59	0.54	0.56	0.35	0.34	0.42	0.56	-0.03	-5.1%
NC_68	10	4389	0.28	0.27	0.03	0.28	0.27	0.28	0.14	0.07	0.17	0.28	0.00	0.0%
NC_69	25	4487	0.63	0.62	0.05	0.62	0.49	0.50	0.44	0.40	0.47	0.50	-0.12	-19.4%
NC_70	10	4384	0.21	0.20	0.02	0.21	0.21	0.20	0.10	0.06	0.13	0.21	0.00	0.0%
NC_71	10	4384	0.19	0.19	0.02	0.19	0.19	0.19	0.09	0.06	0.12	0.19	0.00	0.0%
NC_72	10	4384	0.21	0.21	0.02	0.21	0.21	0.21	0.10	0.06	0.14	0.21	0.00	0.0%
NC_73	10	4389	0.40	0.39	0.03	0.40	0.36	0.40	0.22	0.17	0.27	0.40	0.00	0.0%
NC_74	10	4391	0.07	0.07	0.01	0.07	0.07	0.07	0.04	0.06	0.07	0.07	0.00	0.0%
NC_75	20	4449	2.83	2.85	0.20	2.91	2.45	2.46	1.73	1.22	2.02	2.46	-0.45	-15.5%
NC_76	10	4389	0.60	0.60	0.02	0.60	0.57	0.60	0.30	0.22	0.41	0.60	0.00	0.0%
NC_77	20	4445	0.64	0.63	0.05	0.63	0.61	0.62	0.37	0.36	0.53	0.62	-0.01	-1.6%
NC_78	10	4389	0.19	0.18	0.01	0.19	0.18	0.19	0.09	0.07	0.14	0.19	0.00	0.0%
NC_79	10	4389	0.28	0.27	0.03	0.28	0.27	0.28	0.14	0.08	0.18	0.28	0.00	0.0%
NC_80	10	4389	0.29	0.28	0.02	0.29	0.26	0.29	0.15	0.23	0.25	0.29	0.00	0.0%
NC_81	20	4451	0.30	0.29	0.03	0.30	0.28	0.30	0.17	0.14	0.22	0.30	0.00	0.0%
NC_82	20	4450	0.77	0.78	0.06	0.80	0.64	0.64	0.50	0.47	0.60	0.64	-0.16	-20.0%
NC_83	10	4389	0.35	0.34	0.03	0.34	0.33	0.34	0.17	0.08	0.20	0.34	0.00	0.0%
NC_84	10	4389	0.25	0.24	0.02	0.25	0.24	0.25	0.12	0.08	0.16	0.25	0.00	0.0%
NC_85	10	4384	0.12	0.11	0.01	0.12	0.12	0.11	0.06	0.06	0.09	0.12	0.00	0.0%
NC_86	10	4389	1.16	1.15	0.03	1.16	1.12	1.16	0.60	0.36	0.81	1.16	0.00	0.0%
NC_87	10	4389	0.43	0.41	0.04	0.42	0.40	0.42	0.21	0.10	0.25	0.42	0.00	0.0%
NC_88	10	4389	0.65	0.64	0.03	0.65	0.61	0.65	0.31	0.31	0.48	0.65	0.00	0.0%
NC_89	360	4740	0.06	0.06	0.02	0.06	0.01	0.01	0.01	0.05	0.06	0.06	0.00	0.0%
NC_90	20	4445	1.31	1.30	0.10	1.30	1.24	1.26	0.73	0.63	1.01	1.26	-0.04	-3.1%
NC_91	10	4384	0.20	0.19	0.02	0.19	0.19	0.19	0.10	0.06	0.13	0.19	0.00	0.0%
NC_92	10	4384	0.14	0.14	0.01	0.14	0.14	0.14	0.07	0.06	0.10	0.14	0.00	0.0%
NC_93	10	4389	0.20	0.20	0.02	0.20	0.19	0.20	0.11	0.14	0.15	0.20	0.00	0.0%
NC_94	10	4389	0.47	0.47	0.04	0.47	0.42	0.47	0.23	0.14	0.30	0.47	0.00	0.0%
NC_95	10	4389	0.40	0.39	0.03	0.40	0.36	0.40	0.19	0.12	0.26	0.40	0.00	0.0%
NC_96	20	4451	0.49	0.47	0.05	0.47	0.45	0.48	0.27	0.22	0.35	0.48	0.01	2.1%
NC_97	10	4384	0.19	0.19	0.02	0.19	0.19	0.19	0.09	0.06	0.13	0.19	0.00	0.0%
NC_98	10	4389	0.59	0.59	0.03	0.59	0.55	0.59	0.32	0.23	0.40	0.59	0.00	0.0%
NC_99	10	4389	1.40	1.40	0.03	1.40	1.36	1.40	0.74	0.45	0.95	1.40	0.00	0.0%
NC_100	10	4384	0.20	0.20	0.02	0.20	0.20	0.20	0.10	0.07	0.14	0.20	0.00	0.0%
NC_101	10	4389	0.54	0.53	0.04	0.53	0.49	0.53	0.25	0.18	0.35	0.53	0.00	0.0%
NC_102	60	4576	3.67	3.63	0.21	3.65	1.82	1.82	3.61	3.61	3.87	3.87	0.22	6.0%
NC_103	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.06	0.14	0.22	0.00	0.0%
NC_104	360	4740	0.07	0.06	0.02	0.06	0.05	0.05	0.03	0.06	0.06	0.06	0.00	0.0%
NC_105	10	4389	1.46	1.45	0.05	1.45	1.39	1.45	0.71	0.62	1.01	1.45	0.00	0.0%
NC_106	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.06	0.14	0.22	0.00	0.0%
NC_107	10	4389	0.21	0.20	0.02	0.21	0.18	0.21	0.11	0.12	0.15	0.21	0.00	0.0%
NC_108	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.08	0.15	0.22	0.00	0.0%
NC_109	20	4449	2.59	2.60	0.20	2.62	2.35	2.37	1.43	0.90	1.81	2.37	-0.25	-9.5%
NC_110	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.07	0.15	0.24	0.00	0.0%
NC_111	10	4389	0.27	0.26	0.03	0.27	0.26	0.27	0.13	0.06	0.16	0.27	0.00	0.0%
NC_112	360	4737	0.12	0.12	0.03	0.12	0.02	0.02	0.02	0.12	0.11	0.12	0.00	0.0%
NC_113	10	4389	0.33	0.32	0.03	0.33	0.32	0.33	0.16	0.09	0.20	0.33	0.00	0.0%
NC_114	10	4384	0.23	0.23	0.02	0.23	0.23	0.23	0.11	0.07	0.15	0.23	0.00	0.0%
NC_115	360	4732	0.07	0.06	0.02	0.06	0.04	0.03	0.02	0.06	0.06	0.06	0.00	0.0%
NC_116	10	4389	0.75	0.74	0.03	0.74	0.70	0.74	0.36	0.25	0.49	0.74	0.00	0.0%
NC_117	10	4389	0.44	0.43	0.03	0.43	0.39	0.43	0.21	0.13	0.28	0.43	0.00	0.0%
NC_118	360	4740	0.07	0.07	0.02	0.07	0.05	0.05	0.03	0.06	0.07	0.07	0.00	0.0%
NC_119	15	4420	1.56	1.56	0.07	1.57	1.53	1.54	0.81	0.69	1.13	1.54	-0.03	-1.9%
NC_120	10	4389	0.32	0.31	0.03	0.31	0.30	0.31	0.15	0.14	0.21	0.31	0.00	0.0%
NC_121	540	4770	0.16	0.15	0.08	0.17	0.02	0.02	0.02	0.17	0.14	0.17	0.00	0.0%
NC_122	10	4384	0.21	0.21	0.02	0.21	0.21	0.20	0.10	0.06	0.13	0.21	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_123	360	4740	0.21	0.20	0.05	0.22	0.15	0.15	0.11	0.19	0.22	0.22	0.00	0.0%
NC_124	20	4455	6.29	6.26	0.37	6.32	5.09	5.10	3.93	2.73	4.63	5.10	-1.22	-19.3%
NC_125	10	4389	0.30	0.29	0.03	0.30	0.29	0.30	0.15	0.07	0.17	0.30	0.00	0.0%
NC_126	10	4389	0.38	0.37	0.03	0.38	0.34	0.38	0.21	0.13	0.26	0.38	0.00	0.0%
NC_127	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.07	0.15	0.22	0.00	0.0%
NC_128	10	4389	0.45	0.44	0.04	0.45	0.40	0.45	0.22	0.13	0.29	0.45	0.00	0.0%
NC_129	360	4737	0.50	0.47	0.11	0.49	0.29	0.31	0.17	0.49	0.45	0.49	0.00	0.0%
NC_130	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.07	0.14	0.22	0.00	0.0%
NC_131	360	4736	0.22	0.21	0.05	0.22	0.03	0.03	0.03	0.23	0.19	0.23	0.01	4.5%
NC_132	10	4384	0.18	0.17	0.02	0.18	0.18	0.17	0.09	0.06	0.12	0.18	0.00	0.0%
NC_133	10	4389	0.60	0.60	0.03	0.60	0.56	0.60	0.29	0.21	0.40	0.60	0.00	0.0%
NC_134	10	4384	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.07	0.15	0.24	0.00	0.0%
NC_135	360	4736	0.16	0.16	0.04	0.17	0.01	0.01	0.02	0.17	0.14	0.17	0.00	0.0%
NC_136	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.06	0.15	0.24	0.00	0.0%
NC_137	360	4740	0.07	0.06	0.02	0.06	0.03	0.03	0.02	0.06	0.06	0.06	0.00	0.0%
NC_138	20	4455	2.16	2.15	0.16	2.15	1.89	1.90	1.22	1.09	1.73	1.90	-0.25	-11.6%
NC_139	360	4737	0.12	0.12	0.03	0.12	0.01	0.01	0.02	0.12	0.11	0.12	0.00	0.0%
NC_140	10	4389	0.45	0.44	0.04	0.44	0.40	0.44	0.22	0.13	0.29	0.44	0.00	0.0%
NC_141	10	4389	0.27	0.26	0.02	0.26	0.26	0.26	0.13	0.06	0.16	0.26	0.00	0.0%
NC_142	10	4389	0.56	0.55	0.04	0.56	0.51	0.56	0.27	0.13	0.33	0.56	0.00	0.0%
NC_143	360	4740	0.07	0.06	0.02	0.06	0.04	0.04	0.02	0.06	0.06	0.06	0.00	0.0%
NC_144	10	4384	0.20	0.20	0.02	0.20	0.20	0.19	0.10	0.06	0.13	0.20	0.00	0.0%
NC_145	10	4384	0.15	0.15	0.01	0.15	0.15	0.14	0.07	0.07	0.11	0.15	0.00	0.0%
NC_146	20	4449	1.83	1.81	0.15	1.84	1.69	1.71	1.13	0.87	1.33	1.71	-0.13	-7.1%
NC_147	10	4389	0.55	0.54	0.04	0.55	0.50	0.55	0.27	0.15	0.35	0.55	0.00	0.0%
NC_148	20	4449	0.99	1.00	0.09	1.02	0.86	0.86	0.58	0.39	0.68	0.86	-0.16	-15.7%
NC_149	10	4389	0.28	0.27	0.03	0.27	0.27	0.27	0.13	0.07	0.17	0.27	0.00	0.0%
NC_150	10	4384	0.24	0.23	0.02	0.23	0.23	0.23	0.12	0.06	0.15	0.23	0.00	0.0%
NC_151	10	4389	0.43	0.43	0.03	0.43	0.40	0.43	0.21	0.14	0.29	0.43	0.00	0.0%
NC_152	1080	4855	2.93	2.84	1.05	3.36	0.15	0.15	0.27	2.53	2.40	2.53	-0.83	-24.7%
NC_153	360	4732	0.07	0.06	0.02	0.06	0.01	0.01	0.01	0.06	0.06	0.06	0.00	0.0%
NC_154	45	4554	1.76	1.78	0.18	1.80	1.15	1.15	1.32	1.12	1.49	1.49	-0.31	-17.2%
NC_155	10	4389	0.80	0.79	0.04	0.79	0.74	0.79	0.38	0.23	0.52	0.79	0.00	0.0%
NC_156	360	4737	0.66	0.63	0.15	0.65	0.33	0.34	0.21	0.65	0.60	0.65	0.00	0.0%
NC_157	10	4389	0.99	0.99	0.02	0.99	0.96	0.99	0.50	0.31	0.67	0.99	0.00	0.0%
NC_158	1080	4855	2.94	2.86	1.07	3.39	0.22	0.25	0.32	2.50	2.38	2.50	-0.89	-26.3%
NC_159	10	4389	0.27	0.27	0.03	0.27	0.26	0.27	0.13	0.07	0.16	0.27	0.00	0.0%
NC_160	10	4389	0.29	0.28	0.03	0.28	0.28	0.28	0.14	0.08	0.18	0.28	0.00	0.0%
NC_161	10	4389	0.24	0.23	0.02	0.23	0.23	0.23	0.12	0.06	0.15	0.23	0.00	0.0%
NC_162	10	4384	0.19	0.19	0.02	0.19	0.19	0.19	0.09	0.06	0.13	0.19	0.00	0.0%
NC_163	10	4389	0.24	0.24	0.02	0.24	0.24	0.24	0.12	0.07	0.15	0.24	0.00	0.0%
NC_164	10	4389	0.52	0.51	0.04	0.52	0.47	0.52	0.25	0.16	0.33	0.52	0.00	0.0%
NC_165	10	4389	0.25	0.25	0.02	0.25	0.25	0.25	0.12	0.06	0.15	0.25	0.00	0.0%
NC_166	10	4389	0.27	0.27	0.02	0.27	0.25	0.27	0.13	0.07	0.18	0.27	0.00	0.0%
NC_167	20	4449	2.16	2.16	0.18	2.20	1.94	1.96	1.33	1.02	1.60	1.96	-0.24	-10.9%
NC_168	20	4455	3.25	3.26	0.26	3.33	2.73	2.74	1.89	1.58	2.56	2.74	-0.59	-17.7%
NC_169	10	4389	0.43	0.41	0.04	0.42	0.40	0.42	0.21	0.11	0.26	0.42	0.00	0.0%
NC_170	10	4384	0.24	0.23	0.02	0.23	0.23	0.23	0.12	0.08	0.15	0.23	0.00	0.0%
NC_171	360	4737	1.01	0.97	0.22	1.01	0.61	0.63	0.39	1.01	0.91	1.01	0.00	0.0%
NC_172	15	4426	2.53	2.52	0.07	2.54	2.30	2.30	1.36	1.14	1.86	2.30	-0.24	-9.4%
NC_173	10	4389	0.38	0.38	0.03	0.38	0.34	0.38	0.18	0.13	0.25	0.38	0.00	0.0%
NC_174	15	4420	0.69	0.69	0.04	0.71	0.66	0.67	0.36	0.27	0.49	0.67	-0.04	-5.6%
NC_175	10	4389	0.72	0.71	0.03	0.72	0.67	0.72	0.35	0.23	0.47	0.72	0.00	0.0%
NC_176	540	4770	0.82	0.79	0.25	0.84	0.14	0.14	0.61	0.88	0.84	0.88	0.04	4.8%
NC_177	10	4389	0.30	0.29	0.03	0.29	0.28	0.29	0.14	0.07	0.17	0.29	0.00	0.0%
NC_178	10	4389	0.48	0.47	0.04	0.47	0.43	0.47	0.23	0.13	0.29	0.47	0.00	0.0%
NC_179	360	4736	0.29	0.29	0.06	0.31	0.19	0.21	0.12	0.31	0.26	0.31	0.00	0.0%
NC_180	10	4389	0.27	0.26	0.03	0.27	0.26	0.27	0.13	0.07	0.17	0.27	0.00	0.0%
NC_181	540	4776	0.87	0.86	0.25	0.87	0.45	0.48	0.59	0.93	0.92	0.93	0.06	6.9%
NC_182	10	4389	0.28	0.27	0.03	0.28	0.27	0.28	0.14	0.09	0.18	0.28	0.00	0.0%
NC_183	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.06	0.15	0.24	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_184	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.07	0.15	0.24	0.00	0.0%
NC_185	10	4389	0.42	0.41	0.03	0.41	0.37	0.41	0.20	0.13	0.27	0.41	0.00	0.0%
NC_186	360	4740	0.08	0.07	0.02	0.07	0.00	0.00	0.01	0.07	0.07	0.07	0.00	0.0%
NC_187	10	4389	0.26	0.25	0.02	0.25	0.25	0.25	0.12	0.06	0.15	0.25	0.00	0.0%
NC_188	10	4389	0.60	0.59	0.05	0.59	0.54	0.59	0.29	0.15	0.37	0.59	0.00	0.0%
NC_189	360	4740	0.07	0.06	0.02	0.06	0.06	0.05	0.03	0.06	0.06	0.06	0.00	0.0%
NC_190	45	4553	2.03	2.07	0.14	2.08	1.26	1.27	1.69	1.31	1.65	1.69	-0.39	-18.8%
NC_191	10	4389	0.29	0.28	0.03	0.28	0.28	0.29	0.14	0.08	0.18	0.29	0.01	3.6%
NC_192	20	4455	3.56	3.59	0.27	3.66	2.93	2.95	2.10	1.72	2.77	2.95	-0.71	-19.4%
NC_193	540	4770	4.02	3.92	0.99	4.07	1.48	1.48	3.41	4.04	4.39	4.39	0.32	7.9%
NC_194	360	4736	0.22	0.21	0.05	0.22	0.10	0.11	0.06	0.23	0.19	0.23	0.01	4.5%
NC_195	10	4389	0.25	0.25	0.02	0.25	0.25	0.25	0.12	0.09	0.16	0.25	0.00	0.0%
NC_196	360	4740	0.13	0.12	0.03	0.13	0.05	0.05	0.04	0.12	0.13	0.13	0.00	0.0%
NC_197	10	4384	0.11	0.11	0.01	0.11	0.11	0.10	0.05	0.06	0.09	0.11	0.00	0.0%
NC_198	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.06	0.15	0.24	0.00	0.0%
NC_199	10	4389	0.61	0.60	0.03	0.60	0.56	0.60	0.29	0.17	0.39	0.60	0.00	0.0%
NC_200	10	4389	0.98	0.97	0.05	0.97	0.91	0.97	0.47	0.29	0.63	0.97	0.00	0.0%
NC_201	360	4737	0.10	0.09	0.02	0.09	0.01	0.01	0.01	0.09	0.09	0.09	0.00	0.0%
NC_202	10	4389	0.54	0.54	0.03	0.54	0.51	0.54	0.26	0.19	0.36	0.54	0.00	0.0%
NC_203	10	4389	0.36	0.35	0.02	0.35	0.33	0.35	0.20	0.15	0.25	0.35	0.00	0.0%
NC_204	360	4740	0.07	0.07	0.02	0.07	0.02	0.02	0.02	0.06	0.07	0.07	0.00	0.0%
NC_205	20	4455	2.23	2.24	0.17	2.27	1.95	1.96	1.39	1.07	1.68	1.96	-0.31	-13.7%
NC_206	360	4737	0.14	0.13	0.03	0.13	0.00	0.00	0.01	0.13	0.13	0.13	0.00	0.0%
NC_207	10	4389	1.07	1.06	0.02	1.06	1.04	1.06	0.55	0.35	0.73	1.06	0.00	0.0%
NC_208	10	4384	0.23	0.23	0.02	0.23	0.23	0.23	0.11	0.06	0.14	0.23	0.00	0.0%
NC_209	360	4740	0.06	0.06	0.02	0.06	0.00	0.00	0.01	0.05	0.06	0.06	0.00	0.0%
NC_210	20	4455	3.80	3.80	0.25	3.87	3.06	3.07	2.29	1.86	2.97	3.07	-0.80	-20.7%
NC_211	10	4389	0.27	0.26	0.02	0.26	0.26	0.26	0.13	0.07	0.17	0.26	0.00	0.0%
NC_212	360	4740	0.06	0.06	0.02	0.06	0.01	0.00	0.01	0.05	0.06	0.06	0.00	0.0%
NC_213	45	4554	2.30	2.33	0.21	2.34	1.32	1.32	1.85	1.64	2.05	2.05	-0.29	-12.4%
NC_214	360	4736	0.15	0.15	0.03	0.16	0.11	0.12	0.06	0.16	0.13	0.16	0.00	0.0%
NC_215	45	4547	1.90	1.89	0.08	1.90	1.02	1.02	1.77	1.43	1.67	1.77	-0.13	-6.8%
NC_216	360	4740	0.07	0.06	0.02	0.06	0.04	0.03	0.02	0.06	0.06	0.06	0.00	0.0%
NC_217	360	4737	0.11	0.11	0.03	0.11	0.01	0.01	0.01	0.11	0.10	0.11	0.00	0.0%
NC_218	60	4581	1.78	1.77	0.09	1.78	0.81	0.81	1.76	1.56	1.70	1.76	-0.02	-1.1%
NC_219	360	4737	0.17	0.16	0.04	0.17	0.09	0.08	0.04	0.17	0.16	0.17	0.00	0.0%
NC_220	10	4389	0.77	0.76	0.03	0.77	0.73	0.77	0.39	0.27	0.52	0.77	0.00	0.0%
NC_221	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.06	0.14	0.21	0.00	0.0%
NC_222	10	4384	0.20	0.19	0.02	0.19	0.19	0.19	0.10	0.06	0.13	0.19	0.00	0.0%
NC_223	10	4389	0.30	0.29	0.03	0.29	0.29	0.29	0.15	0.08	0.18	0.29	0.00	0.0%
NC_224	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.07	0.14	0.22	0.00	0.0%
NC_225	45	4547	1.57	1.56	0.13	1.57	0.97	0.97	1.24	1.17	1.52	1.52	-0.05	-3.2%
NC_226	15	4420	1.19	1.19	0.05	1.21	1.12	1.13	0.64	0.42	0.82	1.13	-0.08	-6.6%
NC_227	540	4770	0.92	0.90	0.25	0.92	0.62	0.66	0.59	0.98	0.97	0.98	0.06	6.5%
NC_228	10	4384	0.16	0.16	0.02	0.16	0.16	0.15	0.08	0.06	0.11	0.16	0.00	0.0%
NC_229	540	4770	4.27	4.22	0.93	4.26	1.46	1.46	3.40	4.18	4.56	4.56	0.30	7.0%
NC_230	360	4740	0.07	0.07	0.02	0.07	0.05	0.04	0.02	0.06	0.07	0.07	0.00	0.0%
NC_231	10	4389	0.35	0.35	0.03	0.35	0.31	0.35	0.19	0.16	0.24	0.35	0.00	0.0%
NC_232	20	4455	3.85	3.83	0.22	3.88	3.05	3.06	2.36	1.91	3.04	3.06	-0.82	-21.1%
NC_233	360	4740	0.07	0.06	0.02	0.06	0.03	0.03	0.02	0.06	0.06	0.06	0.00	0.0%
NC_234	45	4553	2.40	2.42	0.20	2.42	1.33	1.33	1.95	1.78	2.19	2.19	-0.23	-9.5%
NC_235	10	4389	0.25	0.25	0.02	0.25	0.25	0.25	0.12	0.07	0.16	0.25	0.00	0.0%
NC_236	360	4737	0.22	0.21	0.05	0.21	0.00	0.00	0.02	0.21	0.20	0.21	0.00	0.0%
NC_237	60	4579	1.77	1.76	0.08	1.79	0.80	0.80	1.74	1.62	1.75	1.75	-0.04	-2.2%
NC_238	45	4547	8.99	8.90	0.70	8.96	5.24	5.24	7.27	5.84	7.70	7.70	-1.26	-14.1%
NC_239	90	4602	1.00	0.99	0.05	1.00	0.53	0.53	0.99	1.04	1.03	1.04	0.04	4.0%
NC_240	45	4547	2.06	2.06	0.08	2.08	1.01	1.01	1.90	2.04	2.20	2.20	0.12	5.8%
NC_241	10	4384	0.14	0.14	0.01	0.14	0.14	0.14	0.07	0.08	0.11	0.14	0.00	0.0%
NC_242	360	4740	0.08	0.07	0.02	0.07	0.05	0.04	0.02	0.06	0.07	0.07	0.00	0.0%
NC_243	20	4445	0.72	0.70	0.06	0.70	0.68	0.71	0.43	0.47	0.54	0.71	0.01	1.4%
NC_244	45	4547	9.30	9.20	0.80	9.28	5.62	5.62	7.34	5.75	7.80	7.80	-1.48	-15.9%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_245	360	4737	0.38	0.37	0.08	0.38	0.00	0.00	0.02	0.38	0.33	0.38	0.00	0.0%
NC_246	10	4389	0.28	0.27	0.03	0.27	0.27	0.27	0.14	0.07	0.17	0.27	0.00	0.0%
NC_247	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.07	0.14	0.21	0.00	0.0%
NC_248	540	4770	0.19	0.18	0.09	0.21	0.06	0.06	0.06	0.20	0.17	0.20	-0.01	-4.8%
NC_249	10	4389	0.31	0.31	0.02	0.31	0.28	0.31	0.18	0.26	0.26	0.31	0.00	0.0%
NC_250	360	4732	0.06	0.06	0.02	0.06	0.01	0.01	0.01	0.05	0.06	0.06	0.00	0.0%
NC_251	360	4740	0.06	0.06	0.02	0.06	0.00	0.00	0.01	0.05	0.06	0.06	0.00	0.0%
NC_252	60	4579	1.77	1.76	0.08	1.78	0.80	0.80	1.74	1.66	1.79	1.79	0.01	0.6%
NC_253	20	4451	0.43	0.43	0.05	0.44	0.38	0.42	0.28	0.34	0.32	0.42	-0.02	-4.5%
NC_254	360	4732	0.06	0.06	0.01	0.06	0.00	0.00	0.01	0.05	0.06	0.06	0.00	0.0%
NC_255	360	4737	0.11	0.10	0.03	0.11	0.00	0.00	0.01	0.11	0.10	0.11	0.00	0.0%
NC_256	360	4740	0.07	0.06	0.02	0.06	0.03	0.02	0.02	0.06	0.06	0.06	0.00	0.0%
NC_257	360	4740	0.13	0.12	0.03	0.13	0.04	0.05	0.03	0.12	0.13	0.13	0.00	0.0%
NC_258	60	4578	2.00	1.98	0.05	1.99	0.97	0.97	1.97	1.64	1.92	1.97	-0.02	-1.0%
NC_259	360	4732	0.08	0.07	0.02	0.07	0.05	0.04	0.02	0.06	0.07	0.07	0.00	0.0%
NC_260	45	4547	5.04	5.03	0.49	5.03	3.75	3.76	3.72	3.27	4.30	4.30	-0.73	-14.5%
NC_261	10	4389	0.28	0.27	0.03	0.27	0.27	0.27	0.14	0.06	0.16	0.27	0.00	0.0%
NC_262	15	4420	1.70	1.70	0.06	1.71	1.58	1.60	0.91	0.67	1.24	1.60	-0.11	-6.4%
NC_263	1080	4846	43.90	42.57	10.17	46.65	8.55	8.55	28.34	42.32	41.63	42.32	-4.33	-9.3%
NC_264	360	4740	0.06	0.06	0.02	0.06	0.01	0.01	0.01	0.06	0.06	0.06	0.00	0.0%
NC_265	10	4389	0.35	0.34	0.03	0.34	0.33	0.34	0.17	0.09	0.21	0.34	0.00	0.0%
NC_266	20	4451	0.44	0.43	0.04	0.43	0.41	0.43	0.25	0.20	0.32	0.43	0.00	0.0%
NC_267	360	4736	0.13	0.13	0.03	0.13	0.00	0.00	0.01	0.14	0.11	0.14	0.01	7.7%
NC_268	1080	4846	4.76	4.69	1.77	5.56	1.47	1.47	2.16	3.79	3.46	3.79	-1.77	-31.8%
NC_269	360	4737	0.11	0.11	0.03	0.11	0.00	0.00	0.01	0.11	0.10	0.11	0.00	0.0%
NC_270	360	4738	0.35	0.34	0.09	0.36	0.22	0.22	0.27	0.33	0.40	0.40	0.04	11.1%
NC_271	90	4602	2.09	2.09	0.05	2.09	0.93	0.93	1.98	1.70	1.97	1.98	-0.11	-5.3%
NC_272	540	4770	4.36	4.30	0.90	4.35	1.44	1.44	3.38	4.20	4.56	4.56	0.21	4.8%
NC_273	360	4736	0.13	0.13	0.03	0.13	0.00	0.00	0.01	0.13	0.11	0.13	0.00	0.0%
NC_274	60	4579	1.78	1.78	0.08	1.80	0.79	0.79	1.76	1.82	1.92	1.92	0.12	6.7%
NC_275	45	4552	5.09	5.09	0.49	5.10	3.73	3.74	3.78	3.32	4.35	4.35	-0.75	-14.7%
NC_276	10	4384	0.18	0.17	0.02	0.17	0.17	0.17	0.09	0.06	0.12	0.17	0.00	0.0%
NC_277	360	4737	0.39	0.39	0.10	0.39	0.17	0.17	0.29	0.39	0.42	0.42	0.03	7.7%
NC_278	10	4384	0.17	0.16	0.02	0.16	0.16	0.16	0.08	0.06	0.11	0.16	0.00	0.0%
NC_279	45	4552	5.70	5.70	0.55	5.78	3.93	3.94	4.33	3.77	4.91	4.91	-0.87	-15.1%
NC_280	1080	4846	43.88	42.56	10.17	46.65	8.56	8.56	28.36	42.31	41.63	42.31	-4.34	-9.3%
NC_281	10	4384	0.17	0.17	0.02	0.17	0.17	0.17	0.09	0.06	0.12	0.17	0.00	0.0%
NC_282	360	4732	0.07	0.07	0.02	0.07	0.00	0.00	0.01	0.07	0.07	0.07	0.00	0.0%
NC_283	10	4389	0.36	0.35	0.03	0.36	0.32	0.36	0.17	0.11	0.23	0.36	0.00	0.0%
NC_284	540	4770	0.37	0.35	0.17	0.39	0.04	0.04	0.07	0.39	0.33	0.39	0.00	0.0%
NC_285	45	4547	8.80	8.72	0.65	8.77	5.03	5.03	7.25	6.12	7.84	7.84	-0.93	-10.6%
NC_286	360	4740	0.06	0.06	0.02	0.06	0.00	0.00	0.01	0.05	0.06	0.06	0.00	0.0%
NC_287	1080	4846	44.01	42.71	10.16	46.76	8.54	8.54	28.31	42.54	41.65	42.54	-4.22	-9.0%
NC_288	10	4389	0.34	0.33	0.03	0.33	0.33	0.33	0.17	0.10	0.21	0.33	0.00	0.0%
NC_289	20	4455	1.18	1.19	0.09	1.20	1.03	1.04	0.68	0.52	0.88	1.04	-0.16	-13.3%
NC_290	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.06	0.14	0.22	0.00	0.0%
NC_291	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.08	0.16	0.24	0.00	0.0%
NC_292	360	4737	0.15	0.15	0.03	0.15	0.05	0.05	0.03	0.15	0.13	0.15	0.00	0.0%
NC_293	360	4737	2.37	2.39	0.62	2.45	1.10	1.10	2.10	2.45	2.62	2.62	0.17	6.9%
NC_294	540	4776	0.76	0.72	0.34	0.80	0.07	0.07	0.17	0.81	0.70	0.81	0.01	1.3%
NC_295	10	4384	0.22	0.21	0.02	0.22	0.22	0.21	0.11	0.07	0.14	0.22	0.00	0.0%
NC_296	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.06	0.14	0.21	0.00	0.0%
NC_297	10	4389	0.23	0.23	0.01	0.23	0.22	0.23	0.11	0.12	0.18	0.23	0.00	0.0%
NC_298	45	4552	1.09	1.10	0.10	1.10	0.80	0.80	0.74	0.58	0.88	0.88	-0.22	-20.0%
NC_299	45	4550	10.00	9.88	0.60	9.89	5.35	5.35	8.99	9.68	10.75	10.75	0.86	8.7%
NC_300	10	4389	0.26	0.25	0.02	0.25	0.25	0.25	0.12	0.07	0.16	0.25	0.00	0.0%
NC_301	10	4389	0.47	0.45	0.04	0.45	0.44	0.45	0.22	0.13	0.30	0.45	0.00	0.0%
NC_302	1080	4846	43.89	42.56	10.17	46.65	8.58	8.58	28.42	42.32	41.64	42.32	-4.33	-9.3%
NC_303	20	4450	0.57	0.58	0.05	0.58	0.47	0.47	0.37	0.32	0.44	0.47	-0.11	-19.0%
NC_304	360	4736	0.27	0.26	0.06	0.27	0.08	0.08	0.08	0.28	0.23	0.28	0.01	3.7%
NC_305	10	4384	0.18	0.18	0.02	0.18	0.18	0.18	0.09	0.06	0.12	0.18	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_306	540	4776	0.94	0.90	0.41	0.96	0.08	0.08	0.18	0.99	0.87	0.99	0.03	3.1%
NC_307	360	4737	0.23	0.22	0.05	0.23	0.13	0.15	0.08	0.23	0.21	0.23	0.00	0.0%
NC_308	360	4737	3.28	3.40	0.85	3.53	1.03	1.03	2.11	3.53	3.57	3.57	0.04	1.1%
NC_309	360	4737	0.19	0.18	0.04	0.19	0.00	0.00	0.01	0.19	0.16	0.19	0.00	0.0%
NC_310	90	4608	2.40	2.38	0.13	2.39	1.21	1.21	2.27	1.94	2.15	2.27	-0.12	-5.0%
NC_311	20	4449	0.58	0.58	0.05	0.59	0.50	0.51	0.33	0.27	0.43	0.51	-0.08	-13.6%
NC_312	10	4389	0.43	0.42	0.03	0.43	0.39	0.43	0.21	0.12	0.27	0.43	0.00	0.0%
NC_313	360	4737	2.37	2.39	0.62	2.47	1.07	1.07	2.08	2.47	2.63	2.63	0.16	6.5%
NC_314	360	4732	0.09	0.09	0.02	0.09	0.05	0.05	0.03	0.08	0.09	0.09	0.00	0.0%
NC_315	10	4389	0.69	0.68	0.04	0.69	0.64	0.69	0.33	0.21	0.46	0.69	0.00	0.0%
NC_316	540	4776	1.04	0.99	0.45	1.07	0.18	0.19	0.21	1.09	0.96	1.09	0.02	1.9%
NC_317	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.10	0.06	0.14	0.21	0.00	0.0%
NC_318	1080	4846	40.37	39.61	10.25	44.35	8.57	8.57	28.21	39.39	40.25	40.25	-4.10	-9.2%
NC_319	10	4389	0.25	0.24	0.02	0.25	0.24	0.25	0.12	0.06	0.15	0.25	0.00	0.0%
NC_320	540	4776	1.08	1.04	0.47	1.12	0.24	0.26	0.24	1.14	1.00	1.14	0.02	1.8%
NC_321	10	4389	0.27	0.26	0.03	0.26	0.26	0.26	0.13	0.07	0.17	0.26	0.00	0.0%
NC_322	360	4740	0.07	0.06	0.02	0.06	0.04	0.03	0.02	0.06	0.06	0.06	0.00	0.0%
NC_323	10	4389	0.48	0.46	0.04	0.47	0.45	0.47	0.23	0.17	0.30	0.47	0.00	0.0%
NC_324	540	4770	1.75	1.67	0.76	1.86	0.46	0.47	0.41	1.84	1.58	1.84	-0.02	-1.1%
NC_325	540	4767	6.13	6.20	1.16	6.23	1.92	1.92	4.66	6.16	6.31	6.31	0.08	1.3%
NC_326	540	4776	1.81	1.74	0.78	1.90	0.44	0.45	0.52	1.90	1.65	1.90	0.00	0.0%
NC_327	360	4737	0.12	0.11	0.03	0.11	0.08	0.07	0.04	0.11	0.10	0.11	0.00	0.0%
NC_328	10	4389	0.20	0.19	0.02	0.20	0.19	0.20	0.10	0.06	0.14	0.20	0.00	0.0%
NC_329	10	4384	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.07	0.15	0.24	0.00	0.0%
NC_330	10	4384	0.21	0.21	0.02	0.21	0.21	0.21	0.10	0.06	0.13	0.21	0.00	0.0%
NC_331	360	4737	2.52	2.55	0.66	2.65	1.06	1.06	2.09	2.65	2.82	2.82	0.17	6.4%
NC_332	10	4389	0.70	0.69	0.04	0.70	0.64	0.70	0.33	0.24	0.44	0.70	0.00	0.0%
NC_333	20	4455	1.19	1.18	0.06	1.19	0.91	0.91	0.80	0.71	0.99	0.99	-0.20	-16.8%
NC_334	10	4384	0.21	0.21	0.02	0.21	0.21	0.21	0.10	0.07	0.14	0.21	0.00	0.0%
NC_335	360	4740	0.06	0.06	0.02	0.06	0.00	0.00	0.01	0.05	0.06	0.06	0.00	0.0%
NC_336	360	4740	0.06	0.06	0.02	0.06	0.01	0.00	0.01	0.05	0.06	0.06	0.00	0.0%
NC_337	10	4389	0.30	0.29	0.03	0.29	0.28	0.29	0.14	0.08	0.18	0.29	0.00	0.0%
NC_338	360	4740	0.07	0.07	0.02	0.07	0.01	0.00	0.01	0.06	0.07	0.07	0.00	0.0%
NC_339	15	4420	0.39	0.38	0.02	0.39	0.37	0.38	0.21	0.16	0.28	0.38	-0.01	-2.6%
NC_340	10	4384	0.09	0.09	0.01	0.09	0.09	0.09	0.05	0.06	0.08	0.09	0.00	0.0%
NC_341	540	4767	6.14	6.16	1.16	6.19	1.92	1.92	4.66	6.16	6.30	6.30	0.11	1.8%
NC_342	10	4389	1.26	1.25	0.05	1.25	1.19	1.25	0.62	0.42	0.85	1.25	0.00	0.0%
NC_343	360	4740	0.15	0.14	0.03	0.14	0.05	0.05	0.03	0.14	0.14	0.14	0.00	0.0%
NC_344	10	4389	0.43	0.42	0.03	0.43	0.39	0.43	0.21	0.13	0.28	0.43	0.00	0.0%
NC_345	360	4740	0.06	0.06	0.02	0.06	0.00	0.00	0.01	0.05	0.06	0.06	0.00	0.0%
NC_346	10	4389	1.18	1.17	0.05	1.17	1.12	1.17	0.58	0.39	0.80	1.17	0.00	0.0%
NC_347	10	4389	0.24	0.24	0.02	0.24	0.24	0.24	0.12	0.06	0.15	0.24	0.00	0.0%
NC_348	360	4737	0.12	0.11	0.03	0.12	0.00	0.00	0.01	0.12	0.10	0.12	0.00	0.0%
NC_349	540	4770	0.17	0.16	0.08	0.18	0.05	0.06	0.04	0.18	0.15	0.18	0.00	0.0%
NC_350	540	4776	1.92	1.85	0.81	1.99	0.60	0.61	0.69	2.00	1.75	2.00	0.01	0.5%
NC_351	360	4737	0.11	0.11	0.03	0.11	0.04	0.04	0.02	0.11	0.10	0.11	0.00	0.0%
NC_352	540	4770	0.22	0.21	0.10	0.23	0.10	0.10	0.06	0.23	0.19	0.23	0.00	0.0%
NC_353	10	4389	0.37	0.36	0.03	0.36	0.33	0.36	0.20	0.14	0.25	0.36	0.00	0.0%
NC_354	360	4737	3.26	3.38	0.84	3.49	1.04	1.04	2.12	3.49	3.53	3.53	0.04	1.1%
NC_355	1080	4846	40.36	39.59	10.25	44.35	8.58	8.58	28.22	39.39	40.24	40.24	-4.11	-9.3%
NC_356	360	4740	2.31	2.37	0.55	2.44	0.79	0.79	1.57	2.46	2.44	2.46	0.02	0.8%
NC_357	10	4389	0.27	0.26	0.03	0.26	0.26	0.26	0.13	0.07	0.16	0.26	0.00	0.0%
NC_358	360	4737	0.85	0.82	0.19	0.86	0.05	0.05	0.07	0.86	0.75	0.86	0.00	0.0%
NC_359	10	4389	0.42	0.42	0.02	0.42	0.39	0.42	0.20	0.13	0.29	0.42	0.00	0.0%
NC_360	360	4737	0.16	0.15	0.04	0.15	0.01	0.01	0.02	0.15	0.14	0.15	0.00	0.0%
NC_361	20	4451	0.29	0.28	0.03	0.28	0.26	0.29	0.16	0.23	0.24	0.29	0.01	3.6%
NC_362	1080	4846	40.35	39.58	10.26	44.34	8.58	8.58	28.22	39.40	40.25	40.25	-4.09	-9.2%
NC_363	360	4732	0.07	0.07	0.02	0.07	0.02	0.02	0.02	0.06	0.07	0.07	0.00	0.0%
NC_364	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.06	0.14	0.21	0.00	0.0%
NC_365	540	4770	0.17	0.16	0.08	0.19	0.02	0.02	0.02	0.19	0.15	0.19	0.00	0.0%
NC_366	10	4389	0.33	0.31	0.03	0.32	0.31	0.32	0.16	0.10	0.20	0.32	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_367	360	4737	0.13	0.12	0.03	0.13	0.01	0.02	0.02	0.13	0.11	0.13	0.00	0.0%
NC_368	360	4737	0.85	0.80	0.19	0.82	0.04	0.04	0.07	0.82	0.76	0.82	0.00	0.0%
NC_369	360	4732	0.07	0.06	0.02	0.06	0.01	0.01	0.01	0.06	0.06	0.06	0.00	0.0%
NC_370	10	4384	0.21	0.21	0.02	0.21	0.21	0.21	0.10	0.06	0.14	0.21	0.00	0.0%
NC_371	360	4737	0.36	0.33	0.08	0.34	0.06	0.06	0.04	0.34	0.33	0.34	0.00	0.0%
NC_372	1080	4846	40.34	39.56	10.26	44.32	8.58	8.58	28.23	39.40	40.25	40.25	-4.07	-9.2%
NC_373	10	4384	0.24	0.23	0.02	0.23	0.23	0.23	0.12	0.06	0.15	0.23	0.00	0.0%
NC_374	360	4737	0.15	0.14	0.03	0.14	0.01	0.00	0.01	0.14	0.13	0.14	0.00	0.0%
NC_375	540	4770	1.21	1.17	0.46	1.24	0.25	0.25	0.50	1.23	1.07	1.23	-0.01	-0.8%
NC_376	10	4389	0.26	0.25	0.02	0.25	0.25	0.25	0.13	0.07	0.16	0.25	0.00	0.0%
NC_377	540	4776	2.20	2.13	0.92	2.29	0.86	0.86	0.98	2.29	2.00	2.29	0.00	0.0%
NC_378	360	4732	0.07	0.07	0.02	0.07	0.06	0.05	0.03	0.06	0.07	0.07	0.00	0.0%
NC_379	10	4389	0.29	0.28	0.03	0.28	0.27	0.28	0.14	0.07	0.17	0.28	0.00	0.0%
NC_380	360	4737	0.80	0.75	0.18	0.77	0.05	0.05	0.07	0.77	0.72	0.77	0.00	0.0%
NC_381	540	4776	2.35	2.29	0.71	2.38	0.78	0.78	1.58	2.51	2.49	2.51	0.13	5.5%
NC_382	10	4384	0.17	0.17	0.02	0.17	0.17	0.17	0.08	0.06	0.12	0.17	0.00	0.0%
NC_383	10	4389	0.19	0.19	0.02	0.19	0.18	0.19	0.10	0.15	0.17	0.19	0.00	0.0%
NC_384	360	4732	0.08	0.08	0.02	0.08	0.02	0.02	0.02	0.08	0.08	0.08	0.00	0.0%
NC_385	1080	4846	5.91	5.51	2.00	6.40	2.93	2.93	4.42	5.49	5.01	5.49	-0.91	-14.2%
NC_386	10	4389	0.28	0.27	0.03	0.27	0.27	0.27	0.13	0.06	0.16	0.27	0.00	0.0%
NC_387	10	4384	0.13	0.13	0.01	0.13	0.13	0.13	0.07	0.07	0.10	0.13	0.00	0.0%
NC_388	360	4737	0.12	0.11	0.03	0.11	0.00	0.00	0.01	0.11	0.10	0.11	0.00	0.0%
NC_389	360	4737	0.46	0.44	0.10	0.46	0.22	0.23	0.16	0.46	0.42	0.46	0.00	0.0%
NC_390	360	4740	0.08	0.07	0.02	0.07	0.00	0.00	0.01	0.07	0.07	0.07	0.00	0.0%
NC_391	10	4389	0.62	0.61	0.05	0.62	0.57	0.62	0.30	0.22	0.43	0.62	0.00	0.0%
NC_392	360	4740	0.07	0.07	0.02	0.07	0.00	0.00	0.01	0.06	0.07	0.07	0.00	0.0%
NC_393	10	4389	0.79	0.78	0.06	0.78	0.72	0.78	0.37	0.20	0.47	0.78	0.00	0.0%
NC_394	1080	4846	40.13	39.28	10.31	44.15	8.67	8.67	28.49	39.42	40.26	40.26	-3.89	-8.8%
NC_395	10	4384	0.21	0.20	0.02	0.20	0.20	0.20	0.10	0.06	0.13	0.20	0.00	0.0%
NC_396	360	4737	0.38	0.36	0.08	0.37	0.01	0.01	0.03	0.37	0.34	0.37	0.00	0.0%
NC_397	45	4547	1.15	1.14	0.09	1.17	0.91	0.91	0.87	0.70	0.97	0.97	-0.20	-17.1%
NC_398	360	4740	0.06	0.06	0.02	0.06	0.01	0.01	0.01	0.06	0.06	0.06	0.00	0.0%
NC_399	1080	4846	40.33	39.55	10.26	44.31	8.58	8.58	28.23	39.39	40.25	40.25	-4.06	-9.2%
NC_400	10	4389	0.27	0.26	0.02	0.26	0.26	0.26	0.13	0.06	0.16	0.26	0.00	0.0%
NC_401	540	4770	2.64	2.63	0.80	2.67	1.46	1.49	1.59	2.81	2.70	2.81	0.14	5.2%
NC_402	10	4389	0.55	0.54	0.03	0.55	0.51	0.55	0.26	0.17	0.36	0.55	0.00	0.0%
NC_403	1080	4846	40.18	39.35	10.29	44.18	8.62	8.62	28.34	39.39	40.24	40.24	-3.94	-8.9%
NC_404	1080	4846	40.32	39.53	10.26	44.31	8.58	8.58	28.24	39.39	40.24	40.24	-4.07	-9.2%
NC_405	360	4740	0.07	0.06	0.02	0.06	0.03	0.03	0.02	0.06	0.06	0.06	0.00	0.0%
NC_406	10	4389	1.10	1.09	0.07	1.10	1.02	1.10	0.53	0.31	0.70	1.10	0.00	0.0%
NC_407	10	4384	0.21	0.21	0.02	0.21	0.21	0.21	0.10	0.06	0.14	0.21	0.00	0.0%
NC_408	360	4737	0.41	0.39	0.09	0.41	0.18	0.19	0.13	0.41	0.37	0.41	0.00	0.0%
NC_409	10	4389	0.29	0.28	0.03	0.28	0.28	0.28	0.14	0.07	0.17	0.28	0.00	0.0%
NC_410	10	4389	0.35	0.34	0.03	0.35	0.31	0.35	0.17	0.14	0.23	0.35	0.00	0.0%
NC_411	10	4389	0.77	0.76	0.03	0.76	0.73	0.76	0.38	0.24	0.51	0.76	0.00	0.0%
NC_412	10	4389	0.40	0.39	0.04	0.40	0.36	0.40	0.20	0.15	0.27	0.40	0.00	0.0%
NC_413	10	4389	0.27	0.26	0.03	0.27	0.26	0.27	0.13	0.07	0.17	0.27	0.00	0.0%
NC_414	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.06	0.14	0.21	0.00	0.0%
NC_415	10	4389	0.34	0.33	0.03	0.33	0.33	0.33	0.17	0.08	0.21	0.33	0.00	0.0%
NC_416	10	4389	0.32	0.31	0.03	0.32	0.31	0.32	0.16	0.08	0.20	0.32	0.00	0.0%
NC_417	20	4451	0.40	0.39	0.04	0.40	0.35	0.39	0.26	0.29	0.31	0.39	-0.01	-2.5%
NC_418	10	4389	0.32	0.31	0.03	0.31	0.30	0.31	0.16	0.07	0.19	0.31	0.00	0.0%
NC_419	20	4455	0.90	0.90	0.07	0.92	0.79	0.80	0.52	0.36	0.65	0.80	-0.12	-13.0%
NC_420	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.06	0.15	0.24	0.00	0.0%
NC_421	360	4736	0.22	0.21	0.05	0.23	0.06	0.07	0.08	0.23	0.20	0.23	0.00	0.0%
NC_422	540	4770	39.85	39.46	8.09	40.36	8.70	8.70	28.55	39.36	40.17	40.17	-0.19	-0.5%
NC_423	10	4389	0.24	0.24	0.02	0.24	0.24	0.24	0.12	0.07	0.15	0.24	0.00	0.0%
NC_424	360	4740	0.67	0.63	0.15	0.63	0.12	0.12	0.14	0.62	0.63	0.63	0.00	0.0%
NC_425	360	4740	0.13	0.12	0.03	0.12	0.01	0.01	0.01	0.12	0.12	0.12	0.00	0.0%
NC_426	10	4384	0.23	0.23	0.02	0.23	0.23	0.23	0.11	0.06	0.14	0.23	0.00	0.0%
NC_427	10	4389	1.12	1.12	0.03	1.12	1.08	1.12	0.56	0.34	0.75	1.12	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_428	10	4389	0.28	0.28	0.02	0.28	0.26	0.28	0.16	0.11	0.21	0.28	0.00	0.0%
NC_429	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.06	0.14	0.22	0.00	0.0%
NC_430	10	4389	0.44	0.43	0.04	0.44	0.42	0.44	0.22	0.09	0.25	0.44	0.00	0.0%
NC_431	360	4740	0.07	0.07	0.02	0.07	0.07	0.07	0.03	0.06	0.07	0.07	0.00	0.0%
NC_432	15	4420	0.96	0.96	0.06	0.98	0.92	0.94	0.51	0.31	0.65	0.94	-0.04	-4.1%
NC_433	15	4420	0.56	0.56	0.03	0.57	0.51	0.52	0.33	0.27	0.41	0.52	-0.05	-8.8%
NC_434	360	4740	0.06	0.06	0.01	0.06	0.00	0.00	0.01	0.05	0.06	0.06	0.00	0.0%
NC_435	10	4389	0.30	0.29	0.03	0.29	0.29	0.29	0.15	0.07	0.17	0.29	0.00	0.0%
NC_436	25	4494	0.84	0.86	0.04	0.86	0.58	0.59	0.59	0.44	0.66	0.66	-0.20	-23.3%
NC_437	540	4770	39.87	39.47	8.10	40.37	8.73	8.73	28.63	39.38	40.19	40.19	-0.18	-0.4%
NC_438	10	4389	0.53	0.52	0.04	0.53	0.48	0.53	0.25	0.13	0.32	0.53	0.00	0.0%
NC_439	360	4740	0.06	0.06	0.01	0.06	0.00	0.00	0.01	0.05	0.06	0.06	0.00	0.0%
NC_440	20	4449	0.83	0.84	0.08	0.85	0.74	0.76	0.57	0.55	0.63	0.76	-0.09	-10.6%
NC_441	10	4389	0.21	0.21	0.01	0.21	0.20	0.21	0.10	0.13	0.17	0.21	0.00	0.0%
NC_442	10	4384	0.17	0.17	0.02	0.17	0.17	0.17	0.08	0.07	0.12	0.17	0.00	0.0%
NC_443	25	4487	3.63	3.63	0.26	3.67	2.75	2.76	2.76	3.53	3.20	3.53	-0.14	-3.8%
NC_444	10	4389	0.32	0.31	0.02	0.32	0.29	0.32	0.17	0.12	0.23	0.32	0.00	0.0%
NC_445	360	4740	0.08	0.07	0.02	0.07	0.01	0.01	0.01	0.07	0.07	0.07	0.00	0.0%
NC_446	10	4389	0.75	0.74	0.04	0.74	0.69	0.74	0.36	0.19	0.46	0.74	0.00	0.0%
NC_447	10	4389	0.43	0.42	0.03	0.43	0.39	0.43	0.20	0.16	0.29	0.43	0.00	0.0%
NC_448	360	4737	0.45	0.44	0.10	0.45	0.00	0.00	0.03	0.45	0.39	0.45	0.00	0.0%
NC_449	20	4450	0.83	0.84	0.05	0.85	0.62	0.62	0.56	0.45	0.64	0.64	-0.21	-24.7%
NC_450	360	4740	0.56	0.52	0.12	0.53	0.13	0.13	0.13	0.52	0.53	0.53	0.00	0.0%
NC_451	360	4740	0.51	0.47	0.11	0.48	0.14	0.14	0.13	0.46	0.48	0.48	0.00	0.0%
NC_452	1080	4846	1.30	1.26	0.42	1.49	0.22	0.22	0.48	1.19	1.15	1.19	-0.30	-20.1%
NC_453	10	4389	0.36	0.35	0.03	0.36	0.33	0.36	0.19	0.14	0.24	0.36	0.00	0.0%
NC_454	360	4737	0.18	0.17	0.04	0.18	0.08	0.09	0.07	0.18	0.16	0.18	0.00	0.0%
NC_455	360	4737	0.28	0.27	0.06	0.28	0.00	0.00	0.02	0.28	0.25	0.28	0.00	0.0%
NC_456	10	4389	0.66	0.65	0.05	0.65	0.59	0.65	0.32	0.15	0.38	0.65	0.00	0.0%
NC_457	540	4770	39.88	39.48	8.11	40.37	8.75	8.75	28.69	39.40	40.21	40.21	-0.16	-0.4%
NC_458	540	4776	12.45	12.57	2.64	13.33	5.05	5.07	10.10	12.36	11.84	12.36	-0.97	-7.3%
NC_459	10	4389	0.30	0.29	0.03	0.29	0.28	0.29	0.14	0.06	0.17	0.29	0.00	0.0%
NC_460	10	4389	0.29	0.28	0.03	0.28	0.28	0.28	0.14	0.07	0.17	0.28	0.00	0.0%
NC_461	20	4450	0.77	0.78	0.08	0.78	0.67	0.69	0.46	0.26	0.51	0.69	-0.09	-11.5%
NC_462	10	4389	0.64	0.63	0.04	0.64	0.59	0.64	0.31	0.20	0.42	0.64	0.00	0.0%
NC_463	10	4389	0.85	0.84	0.04	0.85	0.79	0.85	0.41	0.23	0.52	0.85	0.00	0.0%
NC_464	360	4740	0.07	0.07	0.02	0.07	0.07	0.06	0.03	0.06	0.07	0.07	0.00	0.0%
NC_465	10	4389	0.60	0.59	0.05	0.59	0.53	0.59	0.29	0.16	0.37	0.59	0.00	0.0%
NC_466	45	4553	6.17	6.14	0.14	6.14	3.39	3.39	6.08	5.89	6.04	6.08	-0.06	-1.0%
NC_467	360	4740	0.06	0.06	0.01	0.06	0.00	0.00	0.01	0.05	0.06	0.06	0.00	0.0%
NC_468	10	4389	0.33	0.31	0.03	0.32	0.31	0.32	0.16	0.09	0.20	0.32	0.00	0.0%
NC_469	20	4449	0.41	0.42	0.04	0.42	0.37	0.38	0.24	0.21	0.32	0.38	-0.04	-9.5%
NC_470	45	4553	0.78	0.79	0.08	0.80	0.53	0.53	0.61	0.61	0.68	0.68	-0.12	-15.0%
NC_471	10	4389	0.29	0.28	0.03	0.28	0.28	0.28	0.14	0.07	0.17	0.28	0.00	0.0%
NC_472	360	4740	0.12	0.11	0.03	0.12	0.07	0.08	0.05	0.11	0.12	0.12	0.00	0.0%
NC_473	10	4389	0.29	0.28	0.03	0.28	0.28	0.28	0.14	0.07	0.17	0.28	0.00	0.0%
NC_474	360	4740	0.06	0.06	0.01	0.06	0.00	0.00	0.01	0.05	0.06	0.06	0.00	0.0%
NC_475	10	4389	0.31	0.30	0.03	0.31	0.30	0.31	0.15	0.06	0.17	0.31	0.00	0.0%
NC_476	10	4384	0.11	0.11	0.01	0.11	0.11	0.11	0.05	0.06	0.09	0.11	0.00	0.0%
NC_477	10	4384	0.21	0.20	0.02	0.21	0.21	0.20	0.10	0.06	0.13	0.21	0.00	0.0%
NC_478	10	4389	0.55	0.54	0.04	0.55	0.50	0.55	0.26	0.13	0.33	0.55	0.00	0.0%
NC_479	10	4389	0.88	0.87	0.04	0.88	0.82	0.88	0.43	0.21	0.54	0.88	0.00	0.0%
NC_480	10	4389	0.53	0.52	0.05	0.53	0.50	0.53	0.26	0.11	0.30	0.53	0.00	0.0%
NC_481	360	4736	0.13	0.13	0.03	0.13	0.00	0.00	0.01	0.13	0.11	0.13	0.00	0.0%
NC_482	10	4389	0.60	0.59	0.05	0.60	0.54	0.60	0.29	0.14	0.36	0.60	0.00	0.0%
NC_483	60	4579	6.52	6.54	0.42	6.57	3.42	3.42	6.52	6.21	6.39	6.52	-0.05	-0.8%
NC_484	360	4740	1.10	1.10	0.26	1.16	0.43	0.43	1.00	1.17	1.16	1.17	0.01	0.9%
NC_485	45	4554	1.38	1.37	0.13	1.38	0.89	0.89	1.09	1.10	1.19	1.19	-0.19	-13.8%
NC_486	10	4389	0.32	0.31	0.03	0.31	0.30	0.31	0.15	0.08	0.19	0.31	0.00	0.0%
NC_487	10	4389	0.41	0.40	0.04	0.41	0.39	0.41	0.20	0.08	0.21	0.41	0.00	0.0%
NC_488	1080	4846	1.38	1.32	0.45	1.55	0.28	0.28	0.52	1.22	1.19	1.22	-0.33	-21.3%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_489	10	4389	0.35	0.33	0.03	0.34	0.33	0.34	0.17	0.09	0.21	0.34	0.00	0.0%
NC_490	10	4389	0.39	0.38	0.04	0.38	0.37	0.38	0.19	0.08	0.21	0.38	0.00	0.0%
NC_491	10	4389	0.41	0.40	0.04	0.41	0.39	0.41	0.20	0.08	0.22	0.41	0.00	0.0%
NC_492	540	4776	5.40	5.25	2.01	5.47	2.48	2.48	4.65	5.66	5.24	5.66	0.19	3.5%
NC_493	10	4389	0.47	0.47	0.04	0.47	0.42	0.47	0.23	0.13	0.30	0.47	0.00	0.0%
NC_494	10	4389	0.53	0.52	0.04	0.52	0.48	0.52	0.25	0.13	0.32	0.52	0.00	0.0%
NC_495	10	4384	0.18	0.18	0.02	0.18	0.18	0.17	0.09	0.06	0.12	0.18	0.00	0.0%
NC_496	10	4389	0.28	0.27	0.03	0.27	0.27	0.27	0.14	0.06	0.16	0.27	0.00	0.0%
NC_497	360	4736	0.13	0.12	0.03	0.13	0.00	0.00	0.01	0.13	0.11	0.13	0.00	0.0%
NC_498	10	4389	0.33	0.32	0.03	0.32	0.31	0.32	0.16	0.08	0.20	0.32	0.00	0.0%
NC_499	540	4776	12.50	12.64	2.65	13.38	5.03	5.05	10.16	12.43	11.90	12.43	-0.95	-7.1%
NC_500	360	4740	0.30	0.28	0.07	0.29	0.15	0.15	0.10	0.26	0.29	0.29	0.00	0.0%
NC_501	10	4389	0.87	0.86	0.04	0.87	0.81	0.87	0.42	0.22	0.54	0.87	0.00	0.0%
NC_502	540	4770	39.89	39.49	8.12	40.37	8.77	8.77	28.74	39.41	40.21	40.21	-0.16	-0.4%
NC_503	10	4389	0.72	0.71	0.05	0.71	0.65	0.71	0.34	0.14	0.39	0.71	0.00	0.0%
NC_504	360	4740	0.22	0.21	0.06	0.21	0.16	0.17	0.09	0.18	0.21	0.21	0.00	0.0%
NC_505	10	4389	0.31	0.31	0.03	0.31	0.28	0.31	0.17	0.13	0.21	0.31	0.00	0.0%
NC_506	360	4740	1.08	1.08	0.26	1.13	0.45	0.46	1.02	1.14	1.13	1.14	0.01	0.9%
NC_507	10	4389	1.35	1.34	0.06	1.34	1.27	1.34	0.65	0.31	0.81	1.34	0.00	0.0%
NC_508	20	4451	0.15	0.15	0.02	0.15	0.13	0.14	0.09	0.12	0.14	0.14	-0.01	-6.7%
NC_509	360	4740	0.13	0.12	0.03	0.12	0.00	0.00	0.01	0.12	0.12	0.12	0.00	0.0%
NC_510	10	4389	0.85	0.85	0.04	0.85	0.80	0.85	0.41	0.21	0.53	0.85	0.00	0.0%
NC_511	10	4389	0.52	0.51	0.04	0.52	0.47	0.52	0.25	0.13	0.32	0.52	0.00	0.0%
NC_512	10	4389	0.34	0.33	0.03	0.33	0.33	0.33	0.17	0.09	0.21	0.33	0.00	0.0%
NC_513	10	4389	0.78	0.77	0.04	0.77	0.72	0.77	0.37	0.18	0.47	0.77	0.00	0.0%
NC_514	10	4389	0.48	0.47	0.04	0.47	0.45	0.47	0.24	0.09	0.26	0.47	0.00	0.0%
NC_515	360	4737	0.20	0.19	0.04	0.19	0.00	0.00	0.02	0.19	0.18	0.19	0.00	0.0%
NC_516	10	4389	0.83	0.82	0.03	0.83	0.79	0.83	0.41	0.20	0.50	0.83	0.00	0.0%
NC_517	360	4740	0.08	0.07	0.02	0.07	0.00	0.00	0.01	0.07	0.07	0.07	0.00	0.0%
NC_518	10	4389	1.04	1.03	0.02	1.03	1.01	1.03	0.53	0.28	0.68	1.03	0.00	0.0%
NC_519	540	4770	39.89	39.48	8.14	40.34	8.79	8.79	28.80	39.43	40.23	40.23	-0.11	-0.3%
NC_520	540	4776	12.51	12.61	2.65	13.36	4.94	4.96	10.16	12.46	11.90	12.46	-0.90	-6.7%
NC_521	360	4740	0.06	0.06	0.02	0.06	0.00	0.00	0.01	0.06	0.06	0.06	0.00	0.0%
NC_522	10	4389	0.74	0.73	0.06	0.74	0.67	0.74	0.36	0.18	0.45	0.74	0.00	0.0%
NC_523	10	4389	0.63	0.62	0.05	0.63	0.57	0.63	0.30	0.14	0.37	0.63	0.00	0.0%
NC_524	540	4776	5.40	5.26	2.01	5.46	2.42	2.42	4.59	5.67	5.28	5.67	0.21	3.8%
NC_525	360	4740	0.18	0.18	0.04	0.19	0.09	0.10	0.11	0.17	0.19	0.19	0.00	0.0%
NC_526	20	4455	5.76	5.78	0.35	5.88	4.58	4.59	4.16	4.35	4.39	4.59	-1.29	-21.9%
NC_527	360	4737	0.23	0.22	0.05	0.23	0.08	0.08	0.12	0.23	0.22	0.23	0.00	0.0%
NC_528	540	4776	0.41	0.38	0.18	0.42	0.10	0.11	0.19	0.44	0.40	0.44	0.02	4.8%
NC_529	540	4776	0.44	0.41	0.19	0.45	0.15	0.16	0.21	0.47	0.44	0.47	0.02	4.4%
NC_530	10	4389	0.31	0.30	0.03	0.31	0.30	0.31	0.15	0.08	0.19	0.31	0.00	0.0%
NC_531	10	4389	0.26	0.25	0.02	0.25	0.25	0.25	0.13	0.07	0.16	0.25	0.00	0.0%
NC_532	540	4770	39.90	39.48	8.15	40.33	8.82	8.83	28.88	39.45	40.25	40.25	-0.08	-0.2%
NC_533	10	4389	0.31	0.30	0.03	0.30	0.30	0.30	0.15	0.06	0.17	0.30	0.00	0.0%
NC_534	360	4737	0.34	0.34	0.08	0.35	0.14	0.15	0.17	0.35	0.32	0.35	0.00	0.0%
NC_535	540	4770	39.88	39.47	8.17	40.29	8.85	8.85	28.94	39.46	40.25	40.25	-0.04	-0.1%
NC_536	360	4737	0.37	0.38	0.09	0.40	0.10	0.11	0.18	0.40	0.36	0.40	0.00	0.0%
NC_537	10	4389	0.33	0.32	0.03	0.32	0.32	0.32	0.16	0.07	0.18	0.32	0.00	0.0%
NC_538	10	4389	1.12	1.12	0.03	1.12	1.08	1.12	0.58	0.31	0.73	1.12	0.00	0.0%
NC_539	540	4776	5.40	5.26	2.01	5.44	2.37	2.37	4.56	5.66	5.31	5.66	0.22	4.0%
NC_540	10	4389	0.30	0.29	0.03	0.29	0.29	0.29	0.15	0.06	0.17	0.29	0.00	0.0%
NC_541	90	4608	1.05	1.05	0.07	1.05	0.52	0.53	1.03	1.11	1.10	1.11	0.06	5.7%
NC_542	10	4389	0.29	0.28	0.03	0.28	0.28	0.29	0.14	0.06	0.17	0.29	0.01	3.6%
NC_543	15	4420	1.31	1.31	0.07	1.33	1.23	1.24	0.69	0.37	0.86	1.24	-0.09	-6.8%
NC_544	10	4384	0.11	0.11	0.01	0.12	0.12	0.11	0.06	0.08	0.10	0.12	0.00	0.0%
NC_545	20	4451	0.19	0.18	0.02	0.18	0.17	0.19	0.11	0.13	0.16	0.19	0.01	5.6%
NC_546	360	4732	0.09	0.08	0.02	0.08	0.02	0.02	0.02	0.08	0.08	0.08	0.00	0.0%
NC_547	360	4732	0.07	0.06	0.02	0.06	0.03	0.02	0.02	0.06	0.06	0.06	0.00	0.0%
NC_548	10	4389	0.33	0.32	0.01	0.33	0.31	0.33	0.16	0.08	0.20	0.33	0.00	0.0%
NC_549	10	4384	0.21	0.20	0.02	0.20	0.20	0.20	0.10	0.06	0.13	0.20	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_550	10	4389	0.17	0.17	0.02	0.17	0.15	0.17	0.08	0.12	0.14	0.17	0.00	0.0%
NC_551	360	4740	0.22	0.21	0.05	0.21	0.15	0.15	0.08	0.20	0.21	0.21	0.00	0.0%
NC_552	10	4389	0.45	0.44	0.04	0.44	0.40	0.44	0.21	0.14	0.29	0.44	0.00	0.0%
NC_553	10	4389	0.36	0.36	0.02	0.36	0.33	0.36	0.20	0.13	0.25	0.36	0.00	0.0%
NC_554	360	4740	0.07	0.06	0.02	0.06	0.00	0.00	0.01	0.06	0.06	0.06	0.00	0.0%
NC_555	10	4389	2.31	2.29	0.08	2.29	2.23	2.29	1.20	0.63	1.51	2.29	0.00	0.0%
NC_556	10	4391	0.08	0.08	0.01	0.08	0.08	0.08	0.04	0.06	0.07	0.08	0.00	0.0%
NC_557	10	4389	0.27	0.27	0.03	0.27	0.26	0.27	0.13	0.07	0.17	0.27	0.00	0.0%
NC_558	540	4776	5.51	5.38	2.03	5.47	2.35	2.35	4.75	5.77	5.52	5.77	0.30	5.5%
NC_559	15	4420	2.46	2.44	0.11	2.48	2.35	2.39	1.32	0.70	1.62	2.39	-0.09	-3.6%
NC_560	1080	4846	1.46	1.37	0.47	1.60	0.23	0.23	0.52	1.26	1.24	1.26	-0.34	-21.3%
NC_561	20	4445	2.86	2.86	0.21	2.86	2.66	2.69	1.55	0.83	1.92	2.69	-0.17	-5.9%
NC_562	10	4389	0.56	0.54	0.05	0.55	0.52	0.55	0.27	0.12	0.31	0.55	0.00	0.0%
NC_563	10	4389	0.36	0.34	0.03	0.35	0.34	0.35	0.17	0.09	0.21	0.35	0.00	0.0%
NC_564	10	4389	0.37	0.36	0.02	0.36	0.34	0.36	0.20	0.12	0.26	0.36	0.00	0.0%
NC_565	10	4389	0.31	0.30	0.03	0.30	0.30	0.30	0.15	0.06	0.17	0.30	0.00	0.0%
NC_566	10	4389	0.34	0.33	0.03	0.33	0.32	0.33	0.16	0.07	0.19	0.33	0.00	0.0%
NC_567	10	4389	0.28	0.27	0.03	0.27	0.27	0.27	0.14	0.06	0.16	0.27	0.00	0.0%
NC_568	10	4384	0.13	0.13	0.01	0.13	0.13	0.12	0.06	0.06	0.09	0.13	0.00	0.0%
NC_569	10	4389	0.19	0.19	0.01	0.19	0.18	0.19	0.09	0.06	0.13	0.19	0.00	0.0%
NC_570	10	4384	0.15	0.14	0.01	0.15	0.15	0.14	0.07	0.06	0.10	0.15	0.00	0.0%
NC_571	540	4771	13.07	13.33	2.71	13.87	5.71	5.71	11.37	13.03	12.41	13.03	-0.84	-6.1%
NC_572	10	4389	0.23	0.22	0.02	0.23	0.20	0.23	0.12	0.12	0.16	0.23	0.00	0.0%
NC_573	20	4445	3.23	3.18	0.22	3.23	2.76	2.76	1.80	0.98	2.16	2.76	-0.47	-14.6%
NC_574	540	4776	20.59	20.36	5.07	20.93	7.51	7.51	17.90	20.85	20.67	20.85	-0.08	-0.4%
NC_575	360	4740	1.88	1.80	0.42	1.83	1.18	1.19	0.93	1.76	1.83	1.83	0.00	0.0%
NC_576	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.06	0.14	0.22	0.00	0.0%
NC_577	60	4577	6.47	6.45	0.27	6.46	3.27	3.27	6.46	6.41	6.74	6.74	0.28	4.3%
NC_578	10	4384	0.12	0.12	0.01	0.12	0.12	0.12	0.06	0.06	0.09	0.12	0.00	0.0%
NC_579	360	4740	0.14	0.13	0.03	0.13	0.12	0.13	0.06	0.12	0.13	0.13	0.00	0.0%
NC_580	10	4389	0.36	0.35	0.03	0.35	0.34	0.35	0.18	0.07	0.19	0.35	0.00	0.0%
NC_581	20	4445	4.81	4.79	0.19	4.84	3.67	3.68	3.16	1.79	3.40	3.68	-1.16	-24.0%
NC_582	360	4740	0.06	0.06	0.02	0.06	0.00	0.00	0.01	0.06	0.06	0.06	0.00	0.0%
NC_583	10	4389	0.29	0.28	0.03	0.29	0.28	0.29	0.14	0.08	0.18	0.29	0.00	0.0%
NC_584	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.06	0.14	0.22	0.00	0.0%
NC_585	540	4776	5.51	5.39	2.02	5.45	2.30	2.30	4.71	5.75	5.55	5.75	0.30	5.5%
NC_586	20	4445	3.58	3.53	0.23	3.54	2.93	2.93	2.04	1.11	2.42	2.93	-0.61	-17.2%
NC_587	540	4771	7.88	7.64	2.54	7.73	3.50	3.50	7.64	8.10	8.29	8.29	0.56	7.2%
NC_588	10	4389	0.90	0.88	0.06	0.89	0.81	0.89	0.43	0.20	0.53	0.89	0.00	0.0%
NC_589	10	4389	0.18	0.17	0.02	0.17	0.16	0.17	0.08	0.12	0.14	0.17	0.00	0.0%
NC_590	20	4451	0.92	0.94	0.10	0.95	0.83	0.87	0.59	0.35	0.64	0.87	-0.08	-8.4%
NC_591	45	4547	4.68	4.66	0.45	4.73	3.28	3.28	3.28	1.95	3.42	3.42	-1.31	-27.7%
NC_592	10	4389	0.30	0.29	0.03	0.29	0.28	0.29	0.14	0.08	0.18	0.29	0.00	0.0%
NC_593	540	4776	20.60	20.37	5.06	20.93	7.50	7.50	17.90	20.85	20.69	20.85	-0.08	-0.4%
NC_594	360	4740	0.07	0.06	0.02	0.06	0.05	0.04	0.02	0.06	0.06	0.06	0.00	0.0%
NC_595	360	4740	1.77	1.69	0.39	1.73	1.24	1.24	0.93	1.65	1.73	1.73	0.00	0.0%
NC_596	10	4389	0.47	0.46	0.03	0.47	0.43	0.47	0.22	0.15	0.30	0.47	0.00	0.0%
NC_597	10	4389	0.36	0.35	0.03	0.35	0.34	0.35	0.18	0.07	0.18	0.35	0.00	0.0%
NC_598	540	4770	38.23	37.82	8.04	38.34	8.93	8.93	29.02	38.24	38.94	38.94	0.60	1.6%
NC_599	10	4389	0.61	0.60	0.05	0.61	0.55	0.61	0.29	0.14	0.36	0.61	0.00	0.0%
NC_600	20	4451	3.94	3.90	0.22	3.90	3.09	3.08	2.32	1.26	2.66	3.09	-0.81	-20.8%
NC_601	540	4776	20.61	20.37	5.06	20.92	7.49	7.49	17.89	20.84	20.69	20.84	-0.08	-0.4%
NC_602	10	4389	0.69	0.68	0.05	0.69	0.63	0.69	0.33	0.23	0.45	0.69	0.00	0.0%
NC_603	540	4776	22.69	22.77	4.98	23.28	9.19	9.19	20.52	22.74	22.67	22.74	-0.54	-2.3%
NC_604	540	4771	28.50	28.41	6.39	28.92	11.66	11.66	26.81	29.14	28.98	29.14	0.22	0.8%
NC_605	540	4770	39.54	39.18	8.35	39.71	9.07	9.07	29.43	39.43	40.13	40.13	0.42	1.1%
NC_606	540	4776	22.69	22.68	4.99	23.25	8.88	8.88	20.39	22.74	22.69	22.74	-0.51	-2.2%
NC_607	540	4776	22.70	22.83	4.98	23.31	9.39	9.39	20.61	22.75	22.68	22.75	-0.56	-2.4%
NC_608	20	4445	4.37	4.32	0.26	4.37	3.63	3.64	2.52	1.39	2.93	3.64	-0.73	-16.7%
NC_609	25	4490	3.69	3.76	0.21	3.77	2.67	2.67	2.51	1.41	2.62	2.67	-1.10	-29.2%
NC_610	540	4771	28.56	28.43	6.39	29.00	11.55	11.55	26.74	29.17	29.08	29.17	0.17	0.6%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_611	10	4389	0.50	0.49	0.05	0.50	0.47	0.50	0.25	0.11	0.29	0.50	0.00	0.0%
NC_612	10	4389	0.92	0.91	0.04	0.92	0.87	0.92	0.45	0.29	0.59	0.92	0.00	0.0%
NC_613	10	4389	0.53	0.53	0.04	0.53	0.48	0.53	0.25	0.15	0.34	0.53	0.00	0.0%
NC_614	360	4740	0.27	0.25	0.06	0.26	0.17	0.18	0.10	0.24	0.26	0.26	0.00	0.0%
NC_615	10	4389	0.14	0.13	0.01	0.13	0.13	0.13	0.07	0.06	0.11	0.13	0.00	0.0%
NC_616	540	4776	21.43	21.11	5.02	21.87	8.18	8.20	19.12	21.56	21.52	21.56	-0.31	-1.4%
NC_617	10	4389	0.27	0.26	0.03	0.27	0.26	0.27	0.13	0.08	0.17	0.27	0.00	0.0%
NC_618	10	4389	0.27	0.26	0.03	0.27	0.26	0.27	0.13	0.06	0.16	0.27	0.00	0.0%
NC_619	540	4771	28.49	28.37	6.38	28.92	11.56	11.56	26.72	29.11	28.98	29.11	0.19	0.7%
NC_620	540	4770	38.20	37.79	8.05	38.27	8.95	8.95	29.05	38.24	38.93	38.93	0.66	1.7%
NC_621	540	4770	39.56	39.20	8.33	39.77	9.04	9.04	29.36	39.43	40.13	40.13	0.36	0.9%
NC_622	360	4737	0.12	0.11	0.03	0.11	0.02	0.02	0.02	0.11	0.11	0.11	0.00	0.0%
NC_623	540	4776	21.79	21.43	5.01	22.17	8.05	8.05	19.22	21.87	21.90	21.90	-0.27	-1.2%
NC_624	10	4389	0.35	0.34	0.03	0.34	0.33	0.34	0.17	0.07	0.19	0.34	0.00	0.0%
NC_625	25	4487	0.89	0.89	0.07	0.90	0.65	0.65	0.61	0.40	0.62	0.65	-0.25	-27.8%
NC_626	540	4771	7.88	7.62	2.55	7.69	3.54	3.54	7.68	8.12	8.26	8.26	0.57	7.4%
NC_627	360	4740	0.07	0.06	0.02	0.06	0.04	0.04	0.02	0.06	0.06	0.06	0.00	0.0%
NC_628	360	4740	0.07	0.06	0.02	0.06	0.06	0.06	0.03	0.06	0.06	0.06	0.00	0.0%
NC_629	540	4776	21.58	21.23	5.01	22.00	8.33	8.35	19.26	21.67	21.67	21.67	-0.33	-1.5%
NC_630	360	4740	0.22	0.20	0.05	0.20	0.08	0.08	0.05	0.20	0.20	0.20	0.00	0.0%
NC_631	10	4389	0.37	0.36	0.03	0.36	0.35	0.36	0.18	0.07	0.18	0.36	0.00	0.0%
NC_632	10	4389	0.29	0.28	0.03	0.28	0.27	0.28	0.14	0.07	0.17	0.28	0.00	0.0%
NC_633	10	4389	0.31	0.30	0.03	0.30	0.30	0.30	0.15	0.07	0.18	0.30	0.00	0.0%
NC_634	45	4547	4.55	4.50	0.42	4.58	3.02	3.02	3.33	2.22	3.55	3.55	-1.03	-22.5%
NC_635	45	4554	6.11	6.05	0.52	6.05	3.65	3.65	5.04	4.96	5.17	5.17	-0.88	-14.5%
NC_636	10	4384	0.20	0.20	0.02	0.20	0.20	0.20	0.10	0.06	0.13	0.20	0.00	0.0%
NC_637	540	4771	5.68	5.57	2.03	5.66	2.22	2.22	4.82	5.84	5.87	5.87	0.21	3.7%
NC_638	10	4389	0.63	0.62	0.05	0.62	0.56	0.62	0.30	0.15	0.37	0.62	0.00	0.0%
NC_639	360	4740	1.44	1.38	0.32	1.41	1.14	1.15	0.84	1.35	1.41	1.41	0.00	0.0%
NC_640	360	4737	0.11	0.11	0.02	0.11	0.00	0.00	0.01	0.11	0.10	0.11	0.00	0.0%
NC_641	10	4389	0.35	0.34	0.03	0.34	0.33	0.34	0.17	0.07	0.18	0.34	0.00	0.0%
NC_642	45	4552	3.27	3.28	0.12	3.32	1.75	1.75	3.10	2.52	2.95	3.10	-0.22	-6.6%
NC_643	10	4389	0.33	0.32	0.03	0.33	0.32	0.33	0.16	0.07	0.18	0.33	0.00	0.0%
NC_644	15	4420	4.22	4.22	0.15	4.26	3.86	3.89	2.30	1.39	2.83	3.89	-0.37	-8.7%
NC_645	10	4384	0.21	0.21	0.02	0.21	0.21	0.20	0.10	0.07	0.14	0.21	0.00	0.0%
NC_646	360	4740	0.06	0.06	0.02	0.06	0.00	0.00	0.01	0.06	0.06	0.06	0.00	0.0%
NC_647	10	4389	0.32	0.30	0.03	0.31	0.30	0.31	0.15	0.07	0.18	0.31	0.00	0.0%
NC_648	20	4449	0.88	0.87	0.08	0.89	0.80	0.81	0.53	0.34	0.61	0.81	-0.08	-9.0%
NC_649	20	4451	0.55	0.55	0.06	0.55	0.49	0.53	0.33	0.22	0.39	0.53	-0.02	-3.6%
NC_650	540	4776	21.60	21.25	5.01	22.00	8.21	8.22	19.22	21.69	21.70	21.70	-0.30	-1.4%
NC_651	10	4389	0.40	0.39	0.04	0.39	0.38	0.39	0.20	0.10	0.24	0.39	0.00	0.0%
NC_652	540	4770	37.55	37.29	8.19	37.46	8.98	8.98	29.02	38.01	38.55	38.55	1.09	2.9%
NC_653	10	4389	0.42	0.41	0.03	0.42	0.38	0.42	0.20	0.13	0.27	0.42	0.00	0.0%
NC_654	10	4389	0.43	0.42	0.03	0.42	0.39	0.42	0.20	0.14	0.28	0.42	0.00	0.0%
NC_655	10	4389	0.21	0.21	0.01	0.21	0.20	0.21	0.10	0.17	0.20	0.21	0.00	0.0%
NC_656	15	4420	3.57	3.56	0.14	3.59	3.31	3.34	1.92	1.19	2.40	3.34	-0.25	-7.0%
NC_657	540	4776	21.76	21.41	5.02	22.17	8.14	8.15	19.25	21.84	21.86	21.86	-0.31	-1.4%
NC_658	540	4771	32.58	32.56	7.32	32.92	12.90	12.90	29.69	33.38	33.27	33.38	0.46	1.4%
NC_659	10	4389	0.36	0.36	0.03	0.36	0.33	0.36	0.17	0.13	0.24	0.36	0.00	0.0%
NC_660	540	4776	21.61	21.26	5.01	22.00	8.16	8.17	19.20	21.69	21.70	21.70	-0.30	-1.4%
NC_661	10	4389	0.52	0.52	0.04	0.52	0.48	0.52	0.29	0.15	0.34	0.52	0.00	0.0%
NC_662	360	4740	0.16	0.15	0.04	0.15	0.09	0.10	0.05	0.14	0.15	0.15	0.00	0.0%
NC_663	10	4384	0.20	0.19	0.02	0.19	0.19	0.19	0.10	0.06	0.13	0.19	0.00	0.0%
NC_664	10	4389	0.60	0.59	0.03	0.60	0.56	0.60	0.29	0.20	0.40	0.60	0.00	0.0%
NC_665	10	4389	0.16	0.16	0.01	0.16	0.15	0.16	0.08	0.11	0.14	0.16	0.00	0.0%
NC_666	540	4770	37.55	37.30	8.19	37.46	9.01	9.01	29.08	38.03	38.55	38.55	1.09	2.9%
NC_667	360	4740	0.09	0.08	0.02	0.08	0.09	0.08	0.04	0.07	0.08	0.09	0.01	12.5%
NC_668	360	4732	0.07	0.07	0.02	0.07	0.05	0.04	0.02	0.06	0.07	0.07	0.00	0.0%
NC_669	10	4384	0.24	0.23	0.02	0.23	0.23	0.23	0.12	0.07	0.15	0.23	0.00	0.0%
NC_670	10	4389	0.32	0.30	0.03	0.31	0.30	0.31	0.15	0.07	0.18	0.31	0.00	0.0%
NC_671	10	4391	0.09	0.08	0.01	0.09	0.09	0.08	0.04	0.07	0.08	0.09	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_672	10	4389	0.53	0.53	0.03	0.53	0.49	0.53	0.26	0.17	0.35	0.53	0.00	0.0%
NC_673	10	4389	0.36	0.34	0.03	0.35	0.34	0.35	0.17	0.08	0.20	0.35	0.00	0.0%
NC_674	10	4384	0.20	0.20	0.02	0.20	0.20	0.20	0.10	0.06	0.13	0.20	0.00	0.0%
NC_675	10	4389	0.68	0.68	0.02	0.68	0.66	0.68	0.35	0.26	0.49	0.68	0.00	0.0%
NC_676	10	4389	0.41	0.41	0.02	0.41	0.38	0.41	0.20	0.18	0.29	0.41	0.00	0.0%
NC_677	10	4389	0.34	0.33	0.03	0.33	0.33	0.33	0.17	0.08	0.20	0.33	0.00	0.0%
NC_678	25	4489	0.57	0.56	0.05	0.56	0.45	0.46	0.41	0.34	0.45	0.46	-0.10	-17.9%
NC_679	10	4389	1.09	1.09	0.02	1.09	1.06	1.09	0.56	0.41	0.75	1.09	0.00	0.0%
NC_680	10	4384	0.12	0.11	0.01	0.12	0.12	0.11	0.06	0.06	0.09	0.12	0.00	0.0%
NC_681	15	4420	2.56	2.56	0.11	2.60	2.39	2.42	1.36	0.83	1.70	2.42	-0.18	-6.9%
NC_682	10	4389	0.34	0.33	0.03	0.33	0.30	0.33	0.16	0.15	0.22	0.33	0.00	0.0%
NC_683	360	4740	0.07	0.06	0.02	0.06	0.01	0.01	0.01	0.06	0.06	0.06	0.00	0.0%
NC_684	10	4389	0.39	0.38	0.03	0.39	0.35	0.39	0.19	0.12	0.25	0.39	0.00	0.0%
NC_685	10	4389	0.11	0.11	0.01	0.11	0.10	0.11	0.06	0.06	0.09	0.11	0.00	0.0%
NC_686	45	4547	3.19	3.17	0.17	3.20	1.83	1.83	2.81	2.29	2.78	2.81	-0.39	-12.2%
NC_687	20	4455	1.28	1.28	0.10	1.30	1.09	1.09	0.74	0.59	0.94	1.09	-0.21	-16.2%
NC_688	10	4389	0.57	0.56	0.04	0.56	0.52	0.56	0.27	0.17	0.36	0.56	0.00	0.0%
NC_689	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.07	0.15	0.24	0.00	0.0%
NC_690	45	4551	0.52	0.53	0.04	0.54	0.37	0.39	0.45	0.31	0.41	0.45	-0.09	-16.7%
NC_691	360	4740	0.09	0.08	0.02	0.08	0.08	0.07	0.04	0.07	0.08	0.08	0.00	0.0%
NC_692	20	4449	0.45	0.45	0.04	0.46	0.33	0.34	0.30	0.17	0.29	0.34	-0.12	-26.1%
NC_693	45	4553	0.75	0.76	0.06	0.78	0.61	0.64	0.64	0.44	0.55	0.64	-0.14	-17.9%
NC_694	10	4389	0.11	0.11	0.01	0.11	0.11	0.11	0.05	0.09	0.10	0.11	0.00	0.0%
NC_695	20	4451	0.51	0.52	0.06	0.53	0.46	0.49	0.32	0.20	0.36	0.49	-0.04	-7.5%
NC_696	540	4771	32.71	32.68	7.33	33.09	12.85	12.85	29.71	33.49	33.43	33.49	0.40	1.2%
NC_697	10	4389	0.40	0.39	0.03	0.40	0.36	0.40	0.21	0.13	0.26	0.40	0.00	0.0%
NC_698	360	4740	0.07	0.07	0.02	0.07	0.01	0.01	0.01	0.06	0.07	0.07	0.00	0.0%
NC_699	10	4389	0.30	0.29	0.03	0.30	0.29	0.30	0.15	0.07	0.17	0.30	0.00	0.0%
NC_700	540	4770	37.50	37.23	8.22	37.31	9.06	9.06	29.17	38.03	38.53	38.53	1.22	3.3%
NC_701	20	4445	3.79	3.76	0.23	3.78	3.12	3.13	2.19	1.56	2.76	3.13	-0.65	-17.2%
NC_702	10	4389	0.27	0.26	0.03	0.26	0.26	0.26	0.13	0.06	0.16	0.26	0.00	0.0%
NC_703	10	4389	0.29	0.28	0.03	0.28	0.28	0.28	0.14	0.06	0.17	0.28	0.00	0.0%
NC_704	360	4740	0.07	0.07	0.02	0.07	0.03	0.03	0.02	0.06	0.07	0.07	0.00	0.0%
NC_705	360	4732	0.09	0.08	0.02	0.08	0.05	0.05	0.02	0.08	0.08	0.08	0.00	0.0%
NC_706	15	4420	1.56	1.55	0.07	1.57	1.50	1.50	0.82	0.46	1.02	1.50	-0.07	-4.5%
NC_707	10	4389	0.50	0.49	0.04	0.49	0.44	0.49	0.24	0.14	0.31	0.49	0.00	0.0%
NC_708	20	4455	3.73	3.71	0.26	3.71	3.14	3.16	2.11	1.49	2.69	3.16	-0.55	-14.8%
NC_709	45	4547	2.38	2.35	0.19	2.36	1.41	1.42	1.92	1.47	2.04	2.04	-0.32	-13.6%
NC_710	25	4485	0.76	0.76	0.05	0.76	0.55	0.56	0.58	0.54	0.67	0.67	-0.09	-11.8%
NC_711	10	4384	0.11	0.11	0.01	0.11	0.11	0.11	0.06	0.06	0.09	0.11	0.00	0.0%
NC_712	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.06	0.14	0.21	0.00	0.0%
NC_713	10	4389	0.20	0.19	0.02	0.20	0.18	0.20	0.09	0.12	0.16	0.20	0.00	0.0%
NC_714	540	4776	37.38	37.11	8.23	37.13	9.13	9.13	29.26	37.99	38.46	38.46	1.33	3.6%
NC_715	10	4389	0.25	0.25	0.01	0.25	0.24	0.25	0.12	0.19	0.22	0.25	0.00	0.0%
NC_716	360	4732	0.09	0.08	0.02	0.08	0.08	0.07	0.04	0.08	0.08	0.08	0.00	0.0%
NC_717	10	4389	0.27	0.27	0.02	0.27	0.24	0.27	0.13	0.12	0.19	0.27	0.00	0.0%
NC_718	360	4740	0.25	0.23	0.06	0.23	0.21	0.23	0.11	0.21	0.23	0.23	0.00	0.0%
NC_719	60	4581	0.84	0.84	0.04	0.85	0.38	0.42	0.85	0.71	0.74	0.85	0.00	0.0%
NC_720	20	4445	0.47	0.46	0.04	0.47	0.45	0.47	0.25	0.36	0.42	0.47	0.00	0.0%
NC_721	10	4384	0.23	0.23	0.02	0.23	0.23	0.23	0.11	0.06	0.14	0.23	0.00	0.0%
NC_722	10	4389	0.36	0.35	0.03	0.35	0.32	0.35	0.17	0.13	0.23	0.35	0.00	0.0%
NC_723	10	4389	0.34	0.33	0.03	0.34	0.30	0.34	0.18	0.12	0.22	0.34	0.00	0.0%
NC_724	10	4384	0.16	0.15	0.02	0.15	0.15	0.15	0.08	0.08	0.11	0.15	0.00	0.0%
NC_725	45	4554	2.47	2.44	0.23	2.45	1.55	1.55	1.92	1.43	2.06	2.06	-0.39	-15.9%
NC_726	360	4740	0.07	0.06	0.02	0.06	0.03	0.03	0.02	0.06	0.06	0.06	0.00	0.0%
NC_727	10	4384	0.17	0.17	0.02	0.17	0.17	0.17	0.08	0.06	0.11	0.17	0.00	0.0%
NC_728	10	4384	0.15	0.14	0.01	0.15	0.15	0.14	0.07	0.07	0.11	0.15	0.00	0.0%
NC_729	20	4449	3.28	3.29	0.26	3.34	2.94	2.97	1.81	1.26	2.37	2.97	-0.37	-11.1%
NC_730	540	4771	33.28	33.18	7.40	33.73	12.87	12.88	29.92	34.05	33.98	34.05	0.32	0.9%
NC_731	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.06	0.14	0.21	0.00	0.0%
NC_732	540	4776	37.16	36.86	8.24	37.09	9.25	9.25	29.41	37.92	38.33	38.33	1.24	3.3%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_733	10	4389	0.30	0.29	0.02	0.30	0.27	0.30	0.17	0.13	0.22	0.30	0.00	0.0%
NC_734	10	4384	0.21	0.20	0.02	0.20	0.20	0.20	0.10	0.06	0.13	0.20	0.00	0.0%
NC_735	10	4389	0.27	0.26	0.02	0.26	0.25	0.26	0.13	0.06	0.16	0.26	0.00	0.0%
NC_736	10	4389	0.65	0.63	0.06	0.64	0.59	0.64	0.32	0.14	0.37	0.64	0.00	0.0%
NC_737	10	4389	1.36	1.35	0.04	1.36	1.32	1.36	0.68	0.39	0.88	1.36	0.00	0.0%
NC_738	360	4732	0.06	0.06	0.02	0.06	0.02	0.02	0.01	0.06	0.06	0.06	0.00	0.0%
NC_739	10	4389	0.32	0.31	0.03	0.31	0.30	0.31	0.15	0.08	0.19	0.31	0.00	0.0%
NC_740	45	4553	1.75	1.76	0.08	1.77	0.91	0.91	1.56	1.49	1.63	1.63	-0.14	-7.9%
NC_741	540	4776	37.18	36.89	8.22	37.05	9.17	9.17	29.29	37.89	38.32	38.32	1.27	3.4%
NC_742	10	4389	0.71	0.70	0.04	0.71	0.66	0.71	0.34	0.19	0.45	0.71	0.00	0.0%
NC_743	10	4384	0.14	0.13	0.01	0.14	0.14	0.13	0.07	0.06	0.10	0.14	0.00	0.0%
NC_744	20	4455	1.15	1.15	0.08	1.16	0.97	0.98	0.67	0.98	1.10	1.10	-0.06	-5.2%
NC_745	15	4420	2.57	2.56	0.10	2.59	2.35	2.37	1.39	0.98	1.86	2.37	-0.22	-8.5%
NC_746	10	4384	0.24	0.23	0.02	0.23	0.23	0.23	0.12	0.06	0.15	0.23	0.00	0.0%
NC_747	10	4389	0.43	0.42	0.03	0.42	0.39	0.42	0.23	0.13	0.28	0.42	0.00	0.0%
NC_748	10	4384	0.16	0.16	0.02	0.16	0.16	0.16	0.08	0.06	0.11	0.16	0.00	0.0%
NC_749	45	4552	2.04	2.04	0.20	2.06	1.45	1.46	1.48	0.94	1.51	1.51	-0.55	-26.7%
NC_750	540	4771	36.91	36.60	8.62	37.22	13.94	13.94	32.57	37.93	37.85	37.93	0.71	1.9%
NC_751	10	4389	0.25	0.24	0.02	0.25	0.24	0.25	0.12	0.06	0.15	0.25	0.00	0.0%
NC_752	10	4389	0.50	0.50	0.04	0.50	0.45	0.50	0.24	0.13	0.31	0.50	0.00	0.0%
NC_753	10	4389	0.31	0.30	0.03	0.30	0.29	0.30	0.15	0.09	0.19	0.30	0.00	0.0%
NC_754	360	4737	0.15	0.15	0.03	0.16	0.08	0.08	0.05	0.16	0.14	0.16	0.00	0.0%
NC_755	10	4389	0.30	0.29	0.03	0.29	0.27	0.29	0.15	0.12	0.19	0.29	0.00	0.0%
NC_756	540	4771	36.91	36.57	8.63	37.18	14.03	14.03	32.65	37.97	37.84	37.97	0.79	2.1%
NC_757	10	4384	0.11	0.10	0.01	0.11	0.11	0.10	0.05	0.06	0.08	0.11	0.00	0.0%
NC_758	10	4384	0.16	0.16	0.02	0.16	0.16	0.16	0.08	0.06	0.11	0.16	0.00	0.0%
NC_759	10	4389	0.30	0.29	0.03	0.30	0.29	0.30	0.15	0.07	0.18	0.30	0.00	0.0%
NC_760	10	4389	1.21	1.20	0.07	1.21	1.13	1.21	0.58	0.32	0.75	1.21	0.00	0.0%
NC_761	360	4740	0.07	0.06	0.02	0.06	0.05	0.04	0.02	0.06	0.06	0.06	0.00	0.0%
NC_762	20	4451	0.27	0.27	0.03	0.27	0.24	0.26	0.16	0.13	0.21	0.26	-0.01	-3.7%
NC_763	360	4740	0.27	0.25	0.07	0.26	0.22	0.23	0.12	0.23	0.26	0.26	0.00	0.0%
NC_764	360	4740	0.07	0.06	0.02	0.07	0.07	0.06	0.03	0.06	0.07	0.07	0.00	0.0%
NC_765	25	4487	0.38	0.39	0.03	0.39	0.28	0.28	0.25	0.20	0.31	0.31	-0.08	-20.5%
NC_766	10	4389	0.67	0.66	0.05	0.67	0.61	0.67	0.32	0.17	0.40	0.67	0.00	0.0%
NC_767	540	4771	2.65	2.56	1.06	2.56	0.87	0.87	2.02	2.87	2.93	2.93	0.37	14.5%
NC_768	10	4389	0.27	0.26	0.02	0.26	0.26	0.26	0.13	0.06	0.16	0.26	0.00	0.0%
NC_769	45	4547	1.27	1.26	0.12	1.27	0.82	0.83	0.96	1.03	1.24	1.24	-0.03	-2.4%
NC_770	540	4771	36.89	36.60	8.61	37.22	13.86	13.86	32.49	37.92	37.84	37.92	0.70	1.9%
NC_771	10	4389	0.37	0.36	0.03	0.36	0.35	0.36	0.18	0.09	0.22	0.36	0.00	0.0%
NC_772	10	4384	0.22	0.21	0.02	0.22	0.22	0.21	0.11	0.06	0.14	0.22	0.00	0.0%
NC_773	10	4384	0.13	0.13	0.01	0.13	0.13	0.12	0.06	0.06	0.09	0.13	0.00	0.0%
NC_774	10	4389	1.26	1.25	0.07	1.26	1.17	1.26	0.61	0.34	0.79	1.26	0.00	0.0%
NC_775	10	4389	0.37	0.36	0.03	0.36	0.35	0.36	0.18	0.10	0.23	0.36	0.00	0.0%
NC_776	360	4732	0.13	0.12	0.03	0.12	0.09	0.10	0.05	0.11	0.12	0.12	0.00	0.0%
NC_777	45	4552	1.34	1.34	0.13	1.36	0.99	0.99	0.91	0.90	1.17	1.17	-0.19	-14.0%
NC_778	10	4389	0.24	0.23	0.02	0.23	0.23	0.23	0.12	0.06	0.15	0.23	0.00	0.0%
NC_779	25	4487	1.71	1.73	0.13	1.75	1.27	1.28	1.24	1.11	1.35	1.35	-0.40	-22.9%
NC_780	45	4552	1.06	1.05	0.10	1.05	0.78	0.79	0.77	0.76	0.86	0.86	-0.19	-18.1%
NC_781	360	4740	0.14	0.13	0.03	0.13	0.04	0.04	0.03	0.13	0.13	0.13	0.00	0.0%
NC_782	10	4389	0.40	0.39	0.04	0.39	0.38	0.39	0.20	0.09	0.23	0.39	0.00	0.0%
NC_783	10	4389	0.22	0.21	0.02	0.22	0.19	0.22	0.10	0.12	0.16	0.22	0.00	0.0%
NC_784	10	4389	1.28	1.27	0.04	1.27	1.24	1.27	0.64	0.39	0.87	1.27	0.00	0.0%
NC_785	10	4389	0.47	0.47	0.02	0.47	0.44	0.47	0.24	0.39	0.43	0.47	0.00	0.0%
NC_786	10	4389	0.28	0.27	0.03	0.27	0.27	0.27	0.14	0.07	0.17	0.27	0.00	0.0%
NC_787	20	4445	1.51	1.50	0.09	1.50	1.23	1.23	0.90	0.86	1.18	1.23	-0.27	-18.0%
NC_788	360	4740	0.07	0.07	0.02	0.07	0.04	0.03	0.02	0.06	0.07	0.07	0.00	0.0%
NC_789	540	4776	2.65	2.54	1.06	2.57	0.90	0.90	2.03	2.88	2.90	2.90	0.33	12.8%
NC_790	10	4389	0.26	0.25	0.02	0.26	0.24	0.26	0.12	0.08	0.17	0.26	0.00	0.0%
NC_791	10	4389	0.48	0.47	0.03	0.48	0.44	0.48	0.23	0.13	0.30	0.48	0.00	0.0%
NC_792	10	4389	1.38	1.36	0.04	1.37	1.33	1.37	0.71	0.46	0.96	1.37	0.00	0.0%
NC_793	10	4389	0.81	0.81	0.04	0.81	0.76	0.81	0.40	0.22	0.52	0.81	0.00	0.0%

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	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_794	15	4420	1.56	1.55	0.06	1.57	1.49	1.50	0.83	0.58	1.12	1.50	-0.07	-4.5%
NC_795	10	4389	0.33	0.32	0.03	0.33	0.32	0.33	0.16	0.07	0.18	0.33	0.00	0.0%
NC_796	360	4737	0.15	0.14	0.03	0.15	0.06	0.06	0.05	0.15	0.14	0.15	0.00	0.0%
NC_797	15	4420	1.45	1.44	0.07	1.47	1.41	1.43	0.76	0.58	0.98	1.43	-0.04	-2.7%
NC_798	10	4384	0.12	0.12	0.01	0.12	0.12	0.11	0.06	0.08	0.10	0.12	0.00	0.0%
NC_799	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.06	0.14	0.22	0.00	0.0%
NC_800	10	4384	0.10	0.09	0.01	0.09	0.09	0.09	0.05	0.06	0.09	0.09	0.00	0.0%
NC_801	360	4740	0.07	0.06	0.02	0.07	0.03	0.03	0.02	0.06	0.07	0.07	0.00	0.0%
NC_802	15	4420	0.52	0.52	0.04	0.53	0.49	0.51	0.27	0.18	0.37	0.51	-0.02	-3.8%
NC_803	20	4449	0.55	0.55	0.05	0.55	0.51	0.53	0.39	0.45	0.43	0.53	-0.02	-3.6%
NC_804	10	4389	0.61	0.60	0.05	0.61	0.55	0.61	0.29	0.16	0.38	0.61	0.00	0.0%
NC_805	10	4389	1.18	1.17	0.07	1.17	1.09	1.17	0.57	0.33	0.77	1.17	0.00	0.0%
NC_806	10	4389	0.29	0.28	0.03	0.28	0.28	0.28	0.14	0.08	0.18	0.28	0.00	0.0%
NC_807	10	4389	0.29	0.28	0.03	0.28	0.28	0.28	0.14	0.07	0.17	0.28	0.00	0.0%
NC_808	360	4732	0.06	0.06	0.02	0.06	0.01	0.01	0.01	0.05	0.06	0.06	0.00	0.0%
NC_809	10	4389	0.44	0.43	0.03	0.44	0.40	0.44	0.22	0.13	0.29	0.44	0.00	0.0%
NC_810	10	4389	0.09	0.08	0.01	0.09	0.08	0.09	0.04	0.06	0.08	0.09	0.00	0.0%
NC_811	10	4384	0.10	0.10	0.01	0.10	0.10	0.09	0.05	0.06	0.08	0.10	0.00	0.0%
NC_812	10	4389	0.31	0.30	0.03	0.30	0.29	0.30	0.15	0.07	0.18	0.30	0.00	0.0%
NC_813	10	4384	0.24	0.23	0.02	0.23	0.23	0.23	0.12	0.06	0.15	0.23	0.00	0.0%
NC_814	10	4389	1.06	1.05	0.02	1.05	1.03	1.05	0.54	0.45	0.71	1.05	0.00	0.0%
NC_815	540	4776	2.61	2.51	1.06	2.57	0.92	0.92	2.03	2.86	2.83	2.86	0.29	11.3%
NC_816	10	4384	0.22	0.22	0.02	0.22	0.22	0.22	0.11	0.06	0.14	0.22	0.00	0.0%
NC_817	10	4389	0.30	0.29	0.03	0.30	0.29	0.30	0.15	0.07	0.18	0.30	0.00	0.0%
NC_818	10	4389	0.28	0.27	0.03	0.27	0.27	0.27	0.14	0.07	0.17	0.27	0.00	0.0%
NC_819	10	4389	0.32	0.31	0.03	0.31	0.31	0.31	0.16	0.07	0.18	0.31	0.00	0.0%
NC_820	10	4389	0.26	0.25	0.02	0.25	0.25	0.25	0.13	0.06	0.16	0.25	0.00	0.0%
NC_821	10	4389	0.27	0.26	0.03	0.27	0.26	0.27	0.13	0.07	0.17	0.27	0.00	0.0%
NC_822	10	4389	0.29	0.28	0.03	0.29	0.28	0.29	0.14	0.07	0.17	0.29	0.00	0.0%
NC_823	10	4391	0.08	0.08	0.01	0.08	0.08	0.08	0.04	0.06	0.07	0.08	0.00	0.0%
NC_824	10	4389	0.95	0.94	0.05	0.95	0.89	0.95	0.46	0.39	0.61	0.95	0.00	0.0%
NC_825	360	4740	0.10	0.09	0.03	0.09	0.09	0.08	0.04	0.09	0.09	0.09	0.00	0.0%
NC_826	10	4389	0.24	0.23	0.02	0.23	0.23	0.23	0.12	0.07	0.15	0.23	0.00	0.0%
NC_827	360	4740	2.54	2.64	0.64	2.73	0.96	0.96	2.02	2.77	2.73	2.77	0.04	1.5%
NC_828	10	4389	0.27	0.27	0.02	0.27	0.24	0.27	0.15	0.12	0.19	0.27	0.00	0.0%
NC_829	20	4450	0.41	0.41	0.04	0.42	0.36	0.38	0.30	0.38	0.35	0.38	-0.04	-9.5%
NC_830	10	4389	0.53	0.53	0.04	0.53	0.48	0.53	0.26	0.27	0.35	0.53	0.00	0.0%
NC_831	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.06	0.14	0.22	0.00	0.0%
NC_832	20	4451	0.33	0.33	0.04	0.34	0.29	0.32	0.23	0.32	0.31	0.32	-0.02	-5.9%
NC_833	10	4384	0.17	0.16	0.02	0.16	0.16	0.16	0.08	0.06	0.11	0.16	0.00	0.0%
NC_834	360	4740	2.54	2.64	0.64	2.70	1.03	1.03	2.05	2.76	2.70	2.76	0.06	2.2%
NC_835	10	4384	0.19	0.19	0.02	0.19	0.19	0.19	0.10	0.13	0.13	0.19	0.00	0.0%
NC_836	10	4389	0.13	0.13	0.01	0.13	0.12	0.13	0.07	0.06	0.10	0.13	0.00	0.0%
NC_837	360	4740	0.07	0.06	0.02	0.06	0.05	0.04	0.02	0.06	0.06	0.06	0.00	0.0%
NC_838	10	4389	0.12	0.12	0.01	0.12	0.11	0.12	0.06	0.06	0.08	0.12	0.00	0.0%
NC_839	360	4740	2.39	2.49	0.60	2.55	1.06	1.06	2.04	2.59	2.55	2.59	0.04	1.6%
NC_840	360	4740	0.27	0.25	0.06	0.26	0.20	0.21	0.13	0.25	0.26	0.26	0.00	0.0%
NC_841	10	4384	0.11	0.11	0.01	0.11	0.11	0.11	0.06	0.07	0.09	0.11	0.00	0.0%
NC_842	360	4736	0.30	0.29	0.06	0.31	0.25	0.27	0.18	0.32	0.27	0.32	0.01	3.2%
NC_843	360	4740	0.14	0.13	0.03	0.13	0.11	0.13	0.07	0.12	0.13	0.13	0.00	0.0%
NC_844	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.07	0.15	0.22	0.00	0.0%
NC_845	360	4740	2.38	2.49	0.59	2.53	1.18	1.19	2.08	2.58	2.53	2.58	0.05	2.0%
NC_846	20	4449	0.67	0.66	0.07	0.67	0.63	0.65	0.38	0.32	0.48	0.65	-0.02	-3.0%
NC_847	25	4485	0.75	0.75	0.04	0.76	0.51	0.51	0.56	0.50	0.64	0.64	-0.12	-15.8%
NC_848	10	4384	0.10	0.10	0.01	0.10	0.10	0.09	0.05	0.06	0.08	0.10	0.00	0.0%
NC_849	360	4740	0.07	0.06	0.02	0.06	0.03	0.03	0.02	0.06	0.06	0.06	0.00	0.0%
NC_850	25	4489	0.50	0.49	0.05	0.49	0.42	0.44	0.39	0.39	0.40	0.44	-0.05	-10.2%
NC_851	360	4740	1.92	1.99	0.49	2.05	0.72	0.72	1.54	2.06	2.05	2.06	0.01	0.5%
NC_852	360	4737	0.12	0.12	0.03	0.12	0.03	0.02	0.02	0.12	0.11	0.12	0.00	0.0%
NC_853	10	4389	0.26	0.25	0.02	0.25	0.25	0.25	0.13	0.07	0.16	0.25	0.00	0.0%
NC_854	20	4450	0.67	0.68	0.04	0.68	0.51	0.51	0.45	0.38	0.50	0.51	-0.17	-25.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_855	10	4389	0.34	0.33	0.03	0.33	0.32	0.33	0.17	0.12	0.21	0.33	0.00	0.0%
NC_856	360	4740	0.14	0.13	0.03	0.13	0.09	0.10	0.06	0.13	0.13	0.13	0.00	0.0%
NC_857	10	4389	0.27	0.26	0.03	0.26	0.26	0.26	0.13	0.07	0.16	0.26	0.00	0.0%
NC_858	20	4451	0.47	0.47	0.05	0.47	0.43	0.46	0.32	0.32	0.34	0.46	-0.01	-2.1%
NC_859	360	4740	0.07	0.07	0.02	0.07	0.07	0.06	0.03	0.06	0.07	0.07	0.00	0.0%
NC_860	360	4737	1.45	1.50	0.38	1.56	0.49	0.49	1.06	1.56	1.59	1.59	0.03	1.9%
NC_861	10	4389	0.26	0.25	0.02	0.25	0.25	0.25	0.12	0.06	0.15	0.25	0.00	0.0%
NC_862	10	4389	0.35	0.34	0.03	0.34	0.31	0.34	0.20	0.23	0.24	0.34	0.00	0.0%
NC_863	360	4737	1.35	1.38	0.35	1.42	0.50	0.50	0.99	1.42	1.45	1.45	0.03	2.1%
NC_864	10	4389	0.24	0.24	0.02	0.24	0.24	0.24	0.12	0.07	0.15	0.24	0.00	0.0%
NC_865	360	4740	0.13	0.13	0.03	0.13	0.10	0.11	0.07	0.12	0.13	0.13	0.00	0.0%
NC_866	10	4384	0.11	0.11	0.01	0.11	0.11	0.11	0.06	0.06	0.09	0.11	0.00	0.0%
NC_867	20	4451	0.25	0.25	0.03	0.25	0.23	0.25	0.15	0.14	0.20	0.25	0.00	0.0%
NC_868	360	4737	0.80	0.80	0.21	0.81	0.37	0.37	0.68	0.81	0.88	0.88	0.07	8.6%
NC_869	360	4740	0.53	0.54	0.13	0.55	0.18	0.18	0.35	0.57	0.55	0.57	0.02	3.6%
NC_870	360	4740	0.55	0.57	0.14	0.58	0.17	0.17	0.33	0.59	0.58	0.59	0.01	1.7%
NC_871	360	4740	0.13	0.12	0.03	0.12	0.09	0.10	0.06	0.11	0.12	0.12	0.00	0.0%
NC_872	45	4547	0.62	0.62	0.03	0.62	0.34	0.34	0.55	0.55	0.65	0.65	0.03	4.8%
NC_873	360	4740	0.23	0.22	0.05	0.24	0.17	0.18	0.16	0.21	0.24	0.24	0.00	0.0%
NC_874	10	4384	0.15	0.15	0.01	0.15	0.15	0.15	0.07	0.06	0.11	0.15	0.00	0.0%
NC_875	360	4738	0.51	0.51	0.12	0.52	0.21	0.21	0.34	0.52	0.51	0.52	0.00	0.0%
NC_876	45	4547	0.63	0.62	0.06	0.62	0.38	0.38	0.51	0.43	0.57	0.57	-0.05	-8.1%
NC_877	360	4740	0.48	0.49	0.11	0.49	0.24	0.24	0.33	0.48	0.49	0.49	0.00	0.0%
NC_878	10	4389	0.27	0.27	0.02	0.27	0.24	0.27	0.15	0.13	0.20	0.27	0.00	0.0%
NC_879	45	4552	0.66	0.66	0.07	0.67	0.46	0.46	0.49	0.37	0.54	0.54	-0.13	-19.4%
NC_880	360	4736	0.16	0.16	0.04	0.16	0.03	0.03	0.03	0.17	0.14	0.17	0.01	6.3%
NC_881	10	4389	0.28	0.27	0.03	0.27	0.27	0.27	0.14	0.07	0.17	0.27	0.00	0.0%
NC_882	10	4384	0.10	0.09	0.01	0.10	0.10	0.09	0.05	0.08	0.09	0.10	0.00	0.0%
NC_883	360	4740	0.46	0.45	0.10	0.47	0.33	0.34	0.32	0.43	0.47	0.47	0.00	0.0%
NC_884	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.06	0.14	0.21	0.00	0.0%
NC_885	10	4389	0.26	0.25	0.02	0.25	0.25	0.25	0.13	0.06	0.16	0.25	0.00	0.0%
NC_886	20	4449	0.66	0.66	0.07	0.66	0.60	0.63	0.39	0.25	0.45	0.63	-0.03	-4.5%
NC_887	10	4389	0.36	0.36	0.03	0.36	0.33	0.36	0.20	0.12	0.24	0.36	0.00	0.0%
NC_888	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.06	0.14	0.21	0.00	0.0%
NC_889	360	4740	0.07	0.06	0.02	0.06	0.04	0.03	0.02	0.06	0.06	0.06	0.00	0.0%
NC_890	360	4737	0.20	0.19	0.04	0.19	0.08	0.09	0.06	0.19	0.19	0.19	0.00	0.0%
NC_891	360	4732	0.07	0.06	0.02	0.06	0.05	0.05	0.03	0.06	0.06	0.06	0.00	0.0%
NC_892	10	4391	0.08	0.08	0.01	0.08	0.08	0.08	0.04	0.06	0.07	0.08	0.00	0.0%
NC_893	360	4740	0.09	0.08	0.02	0.08	0.06	0.05	0.03	0.08	0.08	0.08	0.00	0.0%
NC_894	10	4384	0.11	0.11	0.01	0.11	0.11	0.11	0.06	0.08	0.09	0.11	0.00	0.0%
NC_895	360	4740	0.07	0.06	0.02	0.06	0.03	0.02	0.02	0.06	0.06	0.06	0.00	0.0%
NC_896	360	4732	0.07	0.06	0.02	0.06	0.01	0.00	0.01	0.06	0.06	0.06	0.00	0.0%
NC_897	360	4732	0.07	0.06	0.02	0.06	0.04	0.04	0.02	0.06	0.06	0.06	0.00	0.0%
NC_898	360	4737	0.23	0.22	0.05	0.22	0.06	0.06	0.04	0.22	0.21	0.22	0.00	0.0%
NC_899	360	4740	0.08	0.07	0.02	0.07	0.01	0.01	0.01	0.07	0.07	0.07	0.00	0.0%
NC_900	360	4737	0.14	0.13	0.03	0.14	0.08	0.08	0.05	0.14	0.13	0.14	0.00	0.0%
NC_901	10	4384	0.10	0.10	0.01	0.10	0.10	0.10	0.05	0.06	0.08	0.10	0.00	0.0%
NC_902	10	4389	0.16	0.15	0.01	0.15	0.14	0.15	0.09	0.12	0.14	0.15	0.00	0.0%
NC_903	10	4389	0.33	0.32	0.03	0.33	0.30	0.33	0.17	0.28	0.28	0.33	0.00	0.0%
NC_904	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.06	0.15	0.24	0.00	0.0%
NC_905	360	4737	0.31	0.30	0.07	0.31	0.19	0.20	0.15	0.31	0.30	0.31	0.00	0.0%
NC_906	360	4732	0.07	0.07	0.02	0.07	0.01	0.01	0.01	0.06	0.07	0.07	0.00	0.0%
NC_907	10	4389	0.39	0.39	0.03	0.39	0.36	0.39	0.22	0.15	0.27	0.39	0.00	0.0%
NC_908	540	4770	0.44	0.42	0.18	0.45	0.13	0.15	0.20	0.45	0.40	0.45	0.00	0.0%
NC_909	10	4384	0.13	0.12	0.01	0.13	0.13	0.12	0.06	0.06	0.09	0.13	0.00	0.0%
NC_910	360	4740	0.06	0.06	0.02	0.06	0.02	0.02	0.01	0.05	0.06	0.06	0.00	0.0%
NC_911	10	4384	0.10	0.10	0.01	0.10	0.10	0.10	0.05	0.04	0.07	0.10	0.00	0.0%
NC_912	10	4384	0.21	0.21	0.02	0.21	0.21	0.20	0.10	0.06	0.13	0.21	0.00	0.0%
NC_913	10	4389	0.84	0.83	0.02	0.84	0.80	0.84	0.42	0.27	0.55	0.84	0.00	0.0%
NC_914	10	4389	0.70	0.69	0.04	0.70	0.65	0.70	0.37	0.24	0.47	0.70	0.00	0.0%
NC_915	10	4389	0.66	0.65	0.04	0.66	0.61	0.66	0.31	0.21	0.42	0.66	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_916	10	4389	0.27	0.27	0.03	0.27	0.26	0.27	0.13	0.07	0.17	0.27	0.00	0.0%
NC_917	360	4737	0.18	0.17	0.04	0.17	0.02	0.03	0.02	0.17	0.16	0.17	0.00	0.0%
NC_918	360	4740	0.07	0.06	0.02	0.06	0.06	0.05	0.03	0.06	0.06	0.06	0.00	0.0%
NC_919	10	4389	0.33	0.32	0.03	0.32	0.29	0.32	0.18	0.24	0.25	0.32	0.00	0.0%
NC_920	10	4389	0.90	0.90	0.02	0.90	0.87	0.90	0.47	0.39	0.62	0.90	0.00	0.0%
NC_921	10	4389	0.25	0.24	0.02	0.25	0.24	0.25	0.12	0.07	0.15	0.25	0.00	0.0%
NC_922	360	4732	0.06	0.06	0.02	0.06	0.01	0.01	0.01	0.05	0.06	0.06	0.00	0.0%
NC_923	360	4737	0.11	0.11	0.03	0.11	0.00	0.01	0.01	0.11	0.10	0.11	0.00	0.0%
NC_924	360	4740	0.06	0.06	0.02	0.06	0.02	0.01	0.01	0.05	0.06	0.06	0.00	0.0%
NC_925	45	4553	0.95	0.97	0.09	0.99	0.66	0.67	0.78	0.80	0.79	0.80	-0.19	-19.2%
NC_926	360	4736	0.21	0.20	0.05	0.21	0.03	0.03	0.02	0.21	0.18	0.21	0.00	0.0%
NC_927	360	4740	0.07	0.06	0.02	0.06	0.03	0.03	0.02	0.06	0.06	0.06	0.00	0.0%
NC_928	10	4384	0.10	0.10	0.01	0.10	0.10	0.10	0.05	0.08	0.09	0.10	0.00	0.0%
NC_929	10	4389	0.68	0.68	0.04	0.68	0.63	0.68	0.34	0.31	0.46	0.68	0.00	0.0%
NC_930	20	4455	2.91	2.88	0.16	2.91	2.28	2.29	1.89	1.60	2.17	2.29	-0.62	-21.3%
NC_931	10	4389	0.32	0.31	0.03	0.31	0.30	0.31	0.16	0.08	0.19	0.31	0.00	0.0%
NC_932	540	4770	0.92	0.87	0.38	0.97	0.43	0.45	0.45	0.97	0.84	0.97	0.00	0.0%
NC_933	10	4389	0.24	0.24	0.02	0.24	0.24	0.24	0.12	0.06	0.15	0.24	0.00	0.0%
NC_934	10	4389	0.26	0.25	0.02	0.25	0.25	0.25	0.12	0.06	0.15	0.25	0.00	0.0%
NC_935	360	4740	0.15	0.14	0.03	0.14	0.10	0.11	0.07	0.13	0.14	0.14	0.00	0.0%
NC_936	540	4770	0.25	0.24	0.12	0.27	0.02	0.02	0.03	0.27	0.22	0.27	0.00	0.0%
NC_937	45	4553	1.13	1.16	0.10	1.18	0.74	0.74	0.95	0.91	0.91	0.95	-0.23	-19.5%
NC_938	10	4389	0.44	0.44	0.04	0.44	0.40	0.44	0.21	0.12	0.28	0.44	0.00	0.0%
NC_939	10	4384	0.10	0.10	0.01	0.10	0.10	0.10	0.05	0.07	0.09	0.10	0.00	0.0%
NC_940	540	4770	1.00	0.95	0.41	1.05	0.51	0.51	0.57	1.05	0.92	1.05	0.00	0.0%
NC_941	540	4776	0.29	0.28	0.13	0.31	0.02	0.02	0.03	0.31	0.26	0.31	0.00	0.0%
NC_942	10	4388	0.08	0.08	0.01	0.08	0.08	0.07	0.04	0.06	0.07	0.08	0.00	0.0%
NC_943	10	4389	0.37	0.36	0.03	0.36	0.35	0.36	0.18	0.09	0.22	0.36	0.00	0.0%
NC_944	10	4384	0.21	0.21	0.02	0.21	0.21	0.21	0.10	0.06	0.13	0.21	0.00	0.0%
NC_945	360	4740	0.07	0.06	0.02	0.06	0.01	0.01	0.01	0.06	0.06	0.06	0.00	0.0%
NC_946	10	4384	0.24	0.24	0.02	0.24	0.24	0.24	0.12	0.06	0.15	0.24	0.00	0.0%
NC_947	360	4740	0.06	0.06	0.02	0.06	0.02	0.01	0.01	0.05	0.06	0.06	0.00	0.0%
NC_948	540	4776	0.43	0.41	0.20	0.46	0.03	0.03	0.04	0.46	0.38	0.46	0.00	0.0%
NC_949	540	4770	1.02	0.98	0.42	1.07	0.38	0.38	0.56	1.08	0.95	1.08	0.01	0.9%
NC_950	1440	4877	0.33	0.34	0.03	0.34	0.14	0.13	0.07	0.17	0.17	0.17	-0.17	-50.0%
NC_951	25	4489	0.62	0.60	0.05	0.61	0.47	0.50	0.47	0.55	0.59	0.59	-0.02	-3.3%
NC_952	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.07	0.15	0.24	0.00	0.0%
NC_953	10	4389	0.30	0.29	0.03	0.29	0.28	0.29	0.14	0.07	0.18	0.29	0.00	0.0%
NC_954	360	4740	0.07	0.07	0.02	0.07	0.06	0.05	0.03	0.06	0.07	0.07	0.00	0.0%
NC_955	360	4740	0.07	0.06	0.02	0.07	0.04	0.03	0.02	0.06	0.07	0.07	0.00	0.0%
NC_956	45	4553	1.42	1.46	0.13	1.49	0.97	0.98	1.20	1.20	1.17	1.20	-0.29	-19.5%
NC_957	10	4389	0.79	0.78	0.05	0.78	0.72	0.78	0.39	0.31	0.52	0.78	0.00	0.0%
NC_958	360	4740	0.07	0.06	0.02	0.06	0.02	0.02	0.01	0.06	0.06	0.06	0.00	0.0%
NC_959	10	4389	0.65	0.64	0.04	0.65	0.60	0.65	0.31	0.21	0.41	0.65	0.00	0.0%
NC_960	45	4553	3.06	3.05	0.31	3.07	2.39	2.40	2.27	2.01	2.33	2.40	-0.67	-21.8%
NC_961	10	4389	0.30	0.30	0.03	0.30	0.28	0.30	0.16	0.14	0.21	0.30	0.00	0.0%
NC_962	360	4740	0.06	0.06	0.02	0.06	0.01	0.01	0.01	0.06	0.06	0.06	0.00	0.0%
NC_963	10	4389	0.43	0.43	0.04	0.43	0.39	0.43	0.21	0.15	0.28	0.43	0.00	0.0%
NC_964	540	4770	1.58	1.51	0.67	1.67	0.39	0.39	0.64	1.67	1.45	1.67	0.00	0.0%
NC_965	360	4737	0.13	0.12	0.03	0.12	0.02	0.02	0.03	0.12	0.12	0.12	0.00	0.0%
NC_966	10	4384	0.14	0.14	0.01	0.14	0.14	0.13	0.07	0.06	0.10	0.14	0.00	0.0%
NC_967	45	4552	2.94	2.95	0.29	2.98	2.02	2.02	2.32	2.03	2.35	2.35	-0.63	-21.1%
NC_968	360	4740	0.22	0.21	0.05	0.21	0.20	0.21	0.12	0.20	0.21	0.21	0.00	0.0%
NC_969	2160	4931	0.32	0.30	0.04	0.31	0.00	0.00	0.01	0.17	0.17	0.17	-0.14	-45.2%
NC_970	20	4455	0.73	0.72	0.05	0.73	0.61	0.61	0.43	0.33	0.53	0.61	-0.12	-16.4%
NC_971	45	4547	1.94	1.93	0.08	1.94	1.05	1.05	1.79	1.41	1.64	1.79	-0.15	-7.7%
NC_972	15	4420	1.15	1.14	0.06	1.16	1.11	1.13	0.60	0.46	0.82	1.13	-0.03	-2.6%
NC_973	540	4767	6.31	6.45	1.13	6.51	1.92	1.92	4.66	6.31	6.36	6.36	-0.15	-2.3%
NC_974	1080	4846	5.98	5.57	2.01	6.47	2.89	2.89	4.60	5.57	5.13	5.57	-0.90	-13.9%
NC_975	10	4389	0.40	0.40	0.03	0.40	0.37	0.40	0.19	0.10	0.25	0.40	0.00	0.0%
NC_976	1080	4846	5.92	5.52	2.00	6.42	2.90	2.90	4.45	5.51	5.04	5.51	-0.91	-14.2%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_977	1440	4879	5.78	6.01	1.76	6.16	2.93	2.93	4.12	5.31	4.82	5.31	-0.85	-13.8%
NC_978	1080	4846	12.24	11.79	3.68	13.52	4.69	4.69	9.71	12.14	11.65	12.14	-1.38	-10.2%
NC_979	540	4776	12.58	12.70	2.66	13.41	4.97	4.98	10.27	12.55	11.97	12.55	-0.86	-6.4%
NC_980	540	4771	7.89	7.65	2.54	7.74	3.50	3.50	7.64	8.11	8.30	8.30	0.56	7.2%
NC_981	540	4776	21.69	21.33	5.01	22.08	8.17	8.17	19.24	21.77	21.79	21.79	-0.29	-1.3%
NC_982	60	4579	6.42	6.43	0.37	6.45	3.35	3.35	6.42	6.22	6.46	6.46	0.01	0.2%
NC_983	60	4577	6.50	6.47	0.27	6.48	3.30	3.30	6.48	6.41	6.72	6.72	0.24	3.7%
NC_984	10	4389	0.64	0.63	0.03	0.64	0.60	0.64	0.31	0.17	0.41	0.64	0.00	0.0%
NC_985	10	4389	0.29	0.28	0.03	0.28	0.28	0.28	0.14	0.08	0.18	0.28	0.00	0.0%
NC_986	25	4487	0.85	0.85	0.07	0.86	0.64	0.64	0.58	0.46	0.65	0.65	-0.21	-24.4%
NC_987	10	4384	0.10	0.09	0.01	0.10	0.10	0.09	0.05	0.06	0.08	0.10	0.00	0.0%
NC_988	10	4384	0.21	0.20	0.02	0.20	0.20	0.20	0.10	0.06	0.13	0.20	0.00	0.0%
NC_989	10	4389	1.38	1.37	0.05	1.37	1.31	1.37	0.68	0.42	0.94	1.37	0.00	0.0%
NC_990	45	4547	4.39	4.39	0.09	4.41	2.72	2.72	4.33	4.27	4.35	4.35	-0.06	-1.4%
NC_991	10	4384	0.16	0.16	0.02	0.16	0.16	0.16	0.08	0.05	0.11	0.16	0.00	0.0%
NC_992	45	4552	1.12	1.12	0.09	1.13	0.92	0.92	0.82	0.67	0.93	0.93	-0.20	-17.7%
NC_993	10	4389	0.43	0.42	0.03	0.43	0.39	0.43	0.20	0.13	0.29	0.43	0.00	0.0%
NC_994	10	4389	0.31	0.30	0.03	0.31	0.28	0.31	0.15	0.10	0.21	0.31	0.00	0.0%
NC_995	10	4389	0.51	0.50	0.03	0.51	0.47	0.51	0.25	0.15	0.34	0.51	0.00	0.0%
NC_996	10	4389	0.50	0.50	0.03	0.50	0.47	0.50	0.24	0.14	0.33	0.50	0.00	0.0%
NC_997	20	4445	1.34	1.34	0.10	1.34	1.26	1.27	0.75	0.65	1.05	1.27	-0.07	-5.2%
NC_998	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.05	0.13	0.21	0.00	0.0%
NC_999	10	4389	0.45	0.44	0.04	0.44	0.40	0.44	0.21	0.12	0.28	0.44	0.00	0.0%
NC_1000	25	4487	0.83	0.81	0.08	0.82	0.69	0.71	0.59	0.49	0.59	0.71	-0.11	-13.4%
NC_1001	20	4445	0.60	0.58	0.05	0.59	0.58	0.59	0.34	0.34	0.47	0.59	0.00	0.0%
NC_1002	10	4389	0.41	0.41	0.03	0.41	0.38	0.41	0.20	0.11	0.26	0.41	0.00	0.0%
NC_1003	10	4389	0.27	0.26	0.02	0.27	0.25	0.27	0.13	0.09	0.18	0.27	0.00	0.0%
NC_1004	10	4389	0.27	0.26	0.02	0.27	0.25	0.27	0.13	0.15	0.20	0.27	0.00	0.0%
NC_1005	20	4455	1.84	1.85	0.14	1.87	1.67	1.68	1.04	0.88	1.43	1.68	-0.19	-10.2%
NC_1006	10	4384	0.24	0.23	0.02	0.23	0.23	0.23	0.12	0.06	0.15	0.23	0.00	0.0%
NC_1007	20	4455	3.87	3.84	0.22	3.88	3.04	3.06	2.39	1.94	3.07	3.07	-0.81	-20.9%
NC_1008	10	4389	0.76	0.75	0.02	0.75	0.73	0.75	0.38	0.23	0.50	0.75	0.00	0.0%
NC_1009	10	4384	0.21	0.20	0.02	0.20	0.20	0.20	0.10	0.07	0.14	0.20	0.00	0.0%
NC_1010	10	4389	0.45	0.45	0.01	0.45	0.43	0.45	0.24	0.17	0.32	0.45	0.00	0.0%
NC_1011	10	4384	0.15	0.14	0.01	0.15	0.15	0.14	0.07	0.05	0.10	0.15	0.00	0.0%
NC_1012	360	4732	0.06	0.05	0.02	0.05	0.03	0.03	0.02	0.05	0.05	0.05	0.00	0.0%
NC_1013	360	4740	0.15	0.14	0.04	0.14	0.11	0.11	0.05	0.13	0.14	0.14	0.00	0.0%
NC_1014	360	4740	0.23	0.21	0.05	0.21	0.17	0.18	0.09	0.20	0.21	0.21	0.00	0.0%
NC_1015	1080	4855	3.63	3.63	1.40	4.35	0.80	0.80	1.10	2.71	2.63	2.71	-1.64	-37.7%
NC_1016	360	4737	1.02	0.99	0.23	1.06	0.48	0.49	0.46	1.06	0.92	1.06	0.00	0.0%
NC_1017	1080	4855	2.96	2.89	1.08	3.43	0.43	0.44	0.43	2.48	2.37	2.48	-0.95	-27.7%
NC_1018	540	4770	0.89	0.88	0.25	0.89	0.53	0.58	0.59	0.95	0.95	0.95	0.06	6.7%
NC_1019	20	4445	0.14	0.14	0.01	0.14	0.14	0.14	0.08	0.12	0.12	0.14	0.00	0.0%
NC_1020	540	4770	2.64	2.55	1.10	2.56	0.04	0.04	0.20	2.44	2.26	2.44	-0.12	-4.7%
NC_1021	360	4740	0.34	0.33	0.08	0.34	0.26	0.26	0.19	0.32	0.34	0.34	0.00	0.0%
NC_1022	540	4770	0.19	0.17	0.09	0.20	0.04	0.04	0.03	0.20	0.16	0.20	0.00	0.0%
NC_1023	540	4771	2.79	2.72	1.15	2.77	0.20	0.20	0.22	2.51	2.35	2.51	-0.26	-9.4%
NC_1024	540	4770	2.29	2.19	0.98	2.42	0.35	0.35	0.70	2.42	2.10	2.42	0.00	0.0%
NC_1025	360	4740	0.76	0.71	0.17	0.72	0.38	0.38	0.25	0.71	0.72	0.72	0.00	0.0%
NC_1026	360	4737	0.28	0.26	0.06	0.26	0.12	0.13	0.06	0.26	0.25	0.26	0.00	0.0%
NC_1027	360	4740	0.48	0.45	0.11	0.46	0.30	0.30	0.20	0.44	0.46	0.46	0.00	0.0%
NC_1028	10	4384	0.09	0.09	0.01	0.09	0.09	0.09	0.05	0.06	0.08	0.09	0.00	0.0%
NC_1029	10	4384	0.10	0.10	0.01	0.10	0.10	0.09	0.05	0.05	0.08	0.10	0.00	0.0%
NC_1030	10	4391	0.08	0.08	0.01	0.09	0.09	0.08	0.04	0.02	0.06	0.09	0.00	0.0%
NC_1031	360	4740	0.06	0.05	0.01	0.06	0.01	0.01	0.01	0.05	0.06	0.06	0.00	0.0%
NC_1032	360	4740	0.12	0.11	0.03	0.12	0.09	0.10	0.06	0.11	0.12	0.12	0.00	0.0%
NC_1033	540	4770	0.23	0.21	0.10	0.24	0.05	0.05	0.04	0.24	0.20	0.24	0.00	0.0%
NC_1034	540	4770	0.44	0.42	0.18	0.45	0.13	0.14	0.19	0.45	0.40	0.45	0.00	0.0%
NC_1035	10	4384	0.10	0.10	0.01	0.10	0.10	0.09	0.05	0.05	0.08	0.10	0.00	0.0%
NC_1036	4320	4924	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	#DIV/0!
NC_1037	360	4737	0.23	0.22	0.05	0.24	0.11	0.12	0.09	0.24	0.21	0.24	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_1038	540	4770	0.20	0.18	0.09	0.21	0.06	0.06	0.04	0.21	0.17	0.21	0.00	0.0%
NC_1039	540	4770	0.26	0.24	0.11	0.25	0.09	0.09	0.14	0.25	0.23	0.25	0.00	0.0%
NC_1040	360	4740	0.04	0.03	0.01	0.04	0.00	0.00	0.01	0.03	0.04	0.04	0.00	0.0%
NC_1041	540	4770	0.26	0.25	0.12	0.26	0.08	0.08	0.14	0.26	0.24	0.26	0.00	0.0%
NC_1042	360	4740	0.09	0.09	0.02	0.09	0.08	0.08	0.05	0.08	0.09	0.09	0.00	0.0%
NC_1043	360	4736	0.34	0.33	0.08	0.35	0.08	0.08	0.10	0.36	0.30	0.36	0.01	2.9%
NC_1044	540	4776	0.80	0.75	0.35	0.81	0.06	0.06	0.16	0.84	0.74	0.84	0.03	3.7%
NC_1045	1440	4879	5.38	5.62	1.69	5.78	2.66	2.67	3.34	4.77	4.31	4.77	-1.01	-17.5%
NC_1046	540	4776	2.20	2.13	0.92	2.28	0.78	0.78	1.00	2.29	2.01	2.29	0.01	0.4%
NC_1047	540	4776	2.41	2.34	0.98	2.46	0.86	0.86	1.40	2.50	2.24	2.50	0.04	1.6%
NC_1048	25	4487	1.43	1.47	0.11	1.48	1.07	1.08	1.05	1.08	1.16	1.16	-0.32	-21.6%
NC_1049	60	4574	0.96	0.97	0.04	0.97	0.52	0.53	0.95	0.93	0.95	0.95	-0.02	-2.1%
NC_1050	90	4602	0.82	0.80	0.05	0.81	0.37	0.37	0.81	0.76	0.81	0.81	0.00	0.0%
NC_1051	10	4384	0.09	0.09	0.01	0.09	0.09	0.09	0.04	0.03	0.06	0.09	0.00	0.0%
NC_1052	25	4487	1.06	1.07	0.08	1.08	0.81	0.81	0.79	0.90	0.87	0.90	-0.18	-16.7%
NC_1053	10	4389	0.32	0.32	0.01	0.32	0.31	0.32	0.17	0.10	0.22	0.32	0.00	0.0%
NC_1054	45	4553	0.76	0.76	0.03	0.76	0.41	0.41	0.72	0.54	0.61	0.72	-0.04	-5.3%
NC_1055	10	4389	0.24	0.23	0.02	0.23	0.23	0.23	0.12	0.06	0.14	0.23	0.00	0.0%
NC_1056	10	4389	0.37	0.36	0.03	0.36	0.34	0.36	0.17	0.08	0.22	0.36	0.00	0.0%
NC_1057	10	4384	0.21	0.21	0.02	0.21	0.21	0.21	0.10	0.05	0.12	0.21	0.00	0.0%
NC_1058	60	4577	0.77	0.77	0.02	0.78	0.37	0.37	0.78	0.67	0.73	0.78	0.00	0.0%
NC_1059	540	4776	0.46	0.44	0.20	0.46	0.15	0.16	0.22	0.49	0.46	0.49	0.03	6.5%
NC_1060	10	4385	0.44	0.43	0.03	0.45	0.39	0.42	0.22	0.12	0.29	0.42	-0.03	-6.7%
NC_1061	45	4553	0.84	0.85	0.04	0.85	0.42	0.42	0.81	0.66	0.70	0.81	-0.04	-4.7%
NC_1062	90	4605	0.84	0.84	0.02	0.85	0.59	0.59	0.83	0.77	0.79	0.83	-0.02	-2.4%
NC_1063	25	4487	0.23	0.23	0.02	0.24	0.17	0.17	0.16	0.17	0.23	0.23	-0.01	-4.2%
NC_1064	45	4554	2.36	2.36	0.23	2.38	1.61	1.61	1.75	1.17	1.84	1.84	-0.54	-22.7%
NC_1065	360	4738	0.23	0.22	0.06	0.23	0.13	0.13	0.17	0.21	0.26	0.26	0.03	13.0%
NC_1066	10	4389	0.60	0.60	0.02	0.60	0.57	0.60	0.30	0.23	0.41	0.60	0.00	0.0%
NC_1067	10	4384	0.17	0.17	0.02	0.17	0.17	0.17	0.08	0.05	0.11	0.17	0.00	0.0%
NC_1068	10	4389	0.19	0.18	0.01	0.19	0.17	0.19	0.09	0.09	0.14	0.19	0.00	0.0%
NC_1069	10	4384	0.30	0.29	0.03	0.29	0.29	0.29	0.15	0.07	0.17	0.29	0.00	0.0%
NC_1070	10	4389	0.43	0.42	0.04	0.42	0.40	0.42	0.20	0.10	0.26	0.42	0.00	0.0%
NC_1071	10	4384	0.15	0.14	0.01	0.15	0.15	0.14	0.07	0.04	0.09	0.15	0.00	0.0%
NC_1072	10	4384	0.14	0.14	0.01	0.14	0.14	0.14	0.07	0.06	0.10	0.14	0.00	0.0%
NC_1073	10	4389	1.35	1.34	0.05	1.35	1.30	1.35	0.68	0.44	0.91	1.35	0.00	0.0%
NC_1074	15	4426	1.93	1.92	0.06	1.93	1.76	1.75	1.04	0.71	1.37	1.76	-0.17	-8.8%
NC_1075	10	4389	0.66	0.65	0.05	0.66	0.61	0.66	0.31	0.22	0.43	0.66	0.00	0.0%
NC_1076	360	4740	0.06	0.05	0.01	0.05	0.04	0.03	0.02	0.05	0.05	0.05	0.00	0.0%
NC_1077	360	4740	0.03	0.03	0.01	0.03	0.03	0.03	0.01	0.03	0.03	0.03	0.00	0.0%
NC_1078	10	4389	0.50	0.50	0.02	0.50	0.48	0.50	0.26	0.17	0.35	0.50	0.00	0.0%
NC_1079	20	4455	0.72	0.73	0.05	0.74	0.57	0.58	0.48	0.33	0.52	0.58	-0.16	-21.6%
NC_1080	10	4384	0.15	0.15	0.01	0.15	0.15	0.15	0.08	0.04	0.09	0.15	0.00	0.0%
NC_1081	360	4737	0.17	0.16	0.04	0.16	0.09	0.10	0.08	0.16	0.16	0.16	0.00	0.0%
NC_1082	20	4449	0.22	0.22	0.02	0.22	0.20	0.21	0.13	0.12	0.18	0.21	-0.01	-4.5%
NC_1083	10	4388	0.07	0.07	0.01	0.07	0.07	0.06	0.03	0.04	0.06	0.07	0.00	0.0%
NC_1084	360	4740	0.11	0.10	0.03	0.10	0.08	0.08	0.04	0.09	0.10	0.10	0.00	0.0%
NC_1085	360	4740	0.17	0.17	0.04	0.17	0.10	0.11	0.09	0.16	0.17	0.17	0.00	0.0%
NC_1086	10	4384	0.10	0.10	0.01	0.10	0.10	0.09	0.05	0.04	0.07	0.10	0.00	0.0%
NC_1087	20	4451	0.50	0.50	0.05	0.50	0.45	0.48	0.36	0.42	0.39	0.48	-0.02	-4.0%
NC_1088	10	4389	0.36	0.36	0.03	0.36	0.33	0.36	0.19	0.15	0.25	0.36	0.00	0.0%
NC_1089	20	4451	0.19	0.18	0.02	0.19	0.17	0.19	0.11	0.10	0.14	0.19	0.00	0.0%
NC_1090	10	4384	0.10	0.10	0.01	0.10	0.10	0.09	0.05	0.05	0.08	0.10	0.00	0.0%
NC_1091	10	4389	0.57	0.57	0.03	0.57	0.53	0.57	0.30	0.22	0.39	0.57	0.00	0.0%
NC_1092	540	4776	2.64	2.54	1.06	2.57	0.91	0.91	2.03	2.88	2.89	2.89	0.32	12.5%
NC_1093	45	4553	0.52	0.53	0.05	0.53	0.42	0.42	0.40	0.47	0.45	0.47	-0.06	-11.3%
NC_1094	20	4455	0.58	0.59	0.05	0.60	0.48	0.48	0.36	0.28	0.42	0.48	-0.12	-20.0%
NC_1095	10	4389	0.60	0.59	0.02	0.59	0.57	0.59	0.32	0.24	0.43	0.59	0.00	0.0%
NC_1096	360	4737	0.14	0.13	0.03	0.13	0.07	0.07	0.04	0.13	0.13	0.13	0.00	0.0%
NC_1097	360	4737	0.18	0.17	0.04	0.18	0.04	0.04	0.04	0.18	0.16	0.18	0.00	0.0%
NC_1098	10	4389	0.22	0.22	0.01	0.22	0.21	0.22	0.11	0.08	0.15	0.22	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_1099	20	4445	0.21	0.20	0.02	0.20	0.20	0.21	0.11	0.10	0.16	0.21	0.01	5.0%
NC_1100	540	4771	2.65	2.56	1.06	2.57	0.87	0.87	2.02	2.87	2.93	2.93	0.36	14.0%
NC_1101	45	4553	1.75	1.75	0.06	1.75	0.84	0.84	1.61	1.56	1.68	1.68	-0.07	-4.0%
NC_1102	540	4771	33.30	33.17	7.39	33.78	12.80	12.80	29.86	34.05	34.02	34.05	0.27	0.8%
NC_1103	20	4449	0.55	0.53	0.05	0.53	0.52	0.54	0.30	0.18	0.38	0.54	0.01	1.9%
NC_1104	10	4389	0.26	0.26	0.01	0.26	0.25	0.26	0.13	0.08	0.18	0.26	0.00	0.0%
NC_1105	720	4809	0.63	0.61	0.10	0.62	0.07	0.07	0.27	0.58	0.57	0.58	-0.04	-6.5%
NC_1106	540	4771	32.71	32.67	7.33	33.09	12.83	12.83	29.69	33.49	33.43	33.49	0.40	1.2%
NC_1107	45	4547	1.42	1.43	0.09	1.45	0.79	0.79	1.20	1.19	1.36	1.36	-0.09	-6.2%
NC_1108	10	4389	0.25	0.25	0.01	0.25	0.24	0.25	0.12	0.08	0.17	0.25	0.00	0.0%
NC_1109	20	4449	2.04	2.05	0.16	2.08	1.79	1.81	1.26	1.12	1.54	1.81	-0.27	-13.0%
NC_1110	45	4552	1.69	1.69	0.17	1.70	1.20	1.21	1.25	1.12	1.37	1.37	-0.33	-19.4%
NC_1111	10	4389	0.40	0.40	0.03	0.40	0.36	0.40	0.22	0.16	0.28	0.40	0.00	0.0%
NC_1112	540	4771	36.92	36.67	8.60	37.28	13.78	13.78	32.42	37.92	37.87	37.92	0.64	1.7%
NC_1113	540	4776	37.17	36.87	8.25	37.12	9.29	9.29	29.46	37.94	38.34	38.34	1.22	3.3%
NC_1114	540	4776	37.16	36.86	8.23	37.05	9.18	9.18	29.31	37.89	38.31	38.31	1.26	3.4%
NC_1115	10	4389	0.41	0.41	0.03	0.41	0.37	0.41	0.20	0.12	0.26	0.41	0.00	0.0%
NC_1116	10	4389	0.49	0.48	0.03	0.49	0.45	0.49	0.23	0.15	0.33	0.49	0.00	0.0%
NC_1117	20	4450	0.83	0.84	0.08	0.85	0.73	0.74	0.50	0.36	0.59	0.74	-0.11	-12.9%
NC_1118	10	4384	0.18	0.18	0.02	0.18	0.18	0.17	0.09	0.04	0.11	0.18	0.00	0.0%
NC_1119	20	4445	4.21	4.16	0.22	4.17	3.32	3.32	2.51	1.79	3.07	3.32	-0.85	-20.4%
NC_1120	20	4449	0.65	0.66	0.07	0.66	0.59	0.61	0.39	0.23	0.45	0.61	-0.05	-7.6%
NC_1121	45	4554	6.06	6.03	0.57	6.11	3.83	3.83	4.86	4.82	5.04	5.04	-1.07	-17.5%
NC_1122	10	4384	0.19	0.18	0.02	0.18	0.18	0.18	0.09	0.05	0.12	0.18	0.00	0.0%
NC_1123	10	4389	0.51	0.50	0.03	0.51	0.47	0.51	0.24	0.16	0.34	0.51	0.00	0.0%
NC_1124	45	4552	5.89	5.90	0.58	5.97	4.07	4.07	4.51	4.60	4.75	4.75	-1.22	-20.4%
NC_1125	45	4552	5.95	5.96	0.59	5.98	4.25	4.26	4.48	4.59	4.73	4.73	-1.25	-20.9%
NC_1126	10	4384	0.19	0.19	0.02	0.19	0.19	0.19	0.09	0.06	0.13	0.19	0.00	0.0%
NC_1127	10	4389	0.76	0.76	0.03	0.76	0.72	0.76	0.38	0.19	0.47	0.76	0.00	0.0%
NC_1128	10	4389	0.42	0.42	0.03	0.42	0.39	0.42	0.20	0.12	0.27	0.42	0.00	0.0%
NC_1129	10	4389	0.89	0.89	0.02	0.89	0.87	0.89	0.47	0.26	0.58	0.89	0.00	0.0%
NC_1130	15	4420	1.18	1.17	0.06	1.19	1.14	1.15	0.63	0.43	0.81	1.15	-0.04	-3.4%
NC_1131	360	4737	1.66	1.70	0.39	1.79	0.30	0.30	1.40	1.79	1.89	1.89	0.10	5.6%
NC_1132	10	4389	0.37	0.36	0.03	0.36	0.35	0.36	0.18	0.11	0.23	0.36	0.00	0.0%
NC_1133	20	4445	1.24	1.22	0.10	1.23	1.19	1.21	0.67	0.49	0.89	1.21	-0.02	-1.6%
NC_1134	10	4389	0.68	0.68	0.04	0.68	0.63	0.68	0.32	0.22	0.44	0.68	0.00	0.0%
NC_1135	10	4384	0.14	0.14	0.01	0.14	0.14	0.14	0.07	0.05	0.10	0.14	0.00	0.0%
NC_1136	360	4737	0.27	0.27	0.06	0.28	0.04	0.04	0.07	0.29	0.25	0.29	0.01	3.6%
NC_1137	45	4552	1.63	1.64	0.16	1.64	1.21	1.21	1.14	0.88	1.31	1.31	-0.33	-20.1%
NC_1138	10	4384	0.21	0.20	0.02	0.20	0.20	0.20	0.10	0.05	0.13	0.20	0.00	0.0%
NC_1139	10	4389	0.55	0.54	0.04	0.54	0.49	0.54	0.27	0.15	0.34	0.54	0.00	0.0%
NC_1140	10	4389	0.33	0.32	0.02	0.33	0.30	0.33	0.18	0.12	0.23	0.33	0.00	0.0%
NC_1141	45	4547	1.40	1.39	0.07	1.39	0.91	0.91	1.26	1.09	1.25	1.26	-0.13	-9.4%
NC_1142	45	4547	1.38	1.37	0.06	1.38	0.86	0.86	1.26	1.11	1.27	1.27	-0.11	-8.0%
NC_1143	10	4389	0.29	0.28	0.02	0.29	0.27	0.29	0.14	0.10	0.20	0.29	0.00	0.0%
NC_1144	45	4551	1.45	1.47	0.05	1.47	0.86	0.86	1.45	1.24	1.39	1.45	-0.02	-1.4%
NC_1145	60	4574	1.57	1.56	0.08	1.57	0.85	0.86	1.53	1.33	1.47	1.53	-0.04	-2.5%
NC_1146	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.06	0.14	0.22	0.00	0.0%
NC_1147	10	4389	0.22	0.22	0.01	0.22	0.21	0.22	0.11	0.07	0.15	0.22	0.00	0.0%
NC_1148	60	4574	1.72	1.68	0.11	1.69	0.91	0.91	1.65	1.46	1.59	1.65	-0.04	-2.4%
NC_1149	10	4389	0.29	0.28	0.02	0.29	0.27	0.29	0.14	0.09	0.19	0.29	0.00	0.0%
NC_1150	10	4384	0.19	0.19	0.02	0.19	0.19	0.19	0.09	0.06	0.12	0.19	0.00	0.0%
NC_1151	15	4420	0.44	0.44	0.03	0.45	0.41	0.42	0.24	0.19	0.33	0.42	-0.03	-6.7%
NC_1152	15	4420	0.52	0.52	0.03	0.53	0.48	0.49	0.29	0.22	0.38	0.49	-0.04	-7.5%
NC_1153	15	4420	0.53	0.53	0.03	0.54	0.48	0.49	0.30	0.23	0.40	0.49	-0.05	-9.3%
NC_1154	10	4389	0.59	0.57	0.05	0.58	0.56	0.58	0.28	0.17	0.38	0.58	0.00	0.0%
NC_1155	20	4450	0.87	0.89	0.09	0.90	0.77	0.78	0.54	0.36	0.62	0.78	-0.12	-13.3%
NC_1156	20	4445	0.94	0.94	0.07	0.94	0.85	0.85	0.51	0.33	0.66	0.85	-0.09	-9.6%
NC_1157	25	4487	0.94	0.96	0.07	0.97	0.72	0.72	0.65	0.48	0.73	0.73	-0.24	-24.7%
NC_1158	45	4547	1.66	1.65	0.16	1.66	1.14	1.14	1.21	0.97	1.41	1.41	-0.25	-15.1%
NC_1159	45	4547	1.65	1.64	0.16	1.65	1.12	1.12	1.22	1.00	1.43	1.43	-0.22	-13.3%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_1160	45	4547	1.63	1.62	0.15	1.63	1.06	1.06	1.24	1.07	1.48	1.48	-0.15	-9.2%
NC_1161	10	4389	0.56	0.55	0.05	0.56	0.52	0.56	0.29	0.48	0.40	0.56	0.00	0.0%
NC_1162	10	4384	0.19	0.19	0.02	0.19	0.19	0.19	0.09	0.08	0.13	0.19	0.00	0.0%
NC_1163	10	4389	0.28	0.27	0.03	0.28	0.26	0.28	0.13	0.09	0.19	0.28	0.00	0.0%
NC_1164	540	4770	0.36	0.34	0.16	0.39	0.24	0.26	0.15	0.39	0.33	0.39	0.00	0.0%
NC_1165	10	4384	0.14	0.14	0.01	0.14	0.14	0.14	0.07	0.05	0.10	0.14	0.00	0.0%
NC_1166	10	4389	0.44	0.42	0.04	0.43	0.41	0.43	0.21	0.10	0.26	0.43	0.00	0.0%
NC_1167	20	4449	0.75	0.75	0.08	0.76	0.68	0.71	0.47	0.63	0.55	0.71	-0.05	-6.6%
NC_1168	45	4547	2.07	2.06	0.08	2.08	1.03	1.03	1.87	1.97	2.15	2.15	0.07	3.4%
NC_1169	540	4770	0.40	0.40	0.15	0.41	0.05	0.05	0.11	0.41	0.37	0.41	0.00	0.0%
NC_1170	540	4770	0.23	0.23	0.09	0.24	0.08	0.08	0.09	0.24	0.21	0.24	0.00	0.0%
NC_1171	360	4740	0.06	0.05	0.01	0.06	0.00	0.00	0.01	0.05	0.06	0.06	0.00	0.0%
NC_1172	360	4737	0.10	0.10	0.02	0.10	0.02	0.02	0.02	0.10	0.09	0.10	0.00	0.0%
NC_1173	540	4770	0.61	0.60	0.22	0.62	0.24	0.24	0.28	0.61	0.56	0.61	-0.01	-1.6%
NC_1174	10	4389	0.24	0.23	0.02	0.24	0.23	0.24	0.12	0.08	0.16	0.24	0.00	0.0%
NC_1175	10	4384	0.20	0.19	0.02	0.19	0.19	0.19	0.10	0.05	0.12	0.19	0.00	0.0%
NC_1176	360	4737	0.25	0.24	0.05	0.25	0.05	0.05	0.07	0.25	0.23	0.25	0.00	0.0%
NC_1177	360	4737	2.00	2.01	0.52	2.07	0.98	0.98	1.86	2.07	2.21	2.21	0.14	6.8%
NC_1178	540	4770	0.64	0.63	0.22	0.65	0.17	0.17	0.29	0.64	0.59	0.64	-0.01	-1.5%
NC_1179	360	4740	0.06	0.05	0.01	0.05	0.03	0.03	0.02	0.05	0.05	0.05	0.00	0.0%
NC_1180	10	4384	0.18	0.18	0.02	0.18	0.18	0.18	0.09	0.05	0.12	0.18	0.00	0.0%
NC_1181	20	4449	0.34	0.34	0.03	0.35	0.30	0.31	0.20	0.16	0.26	0.31	-0.04	-11.4%
NC_1182	25	4487	0.38	0.39	0.03	0.39	0.28	0.28	0.27	0.28	0.37	0.37	-0.02	-5.1%
NC_1183	540	4770	0.33	0.31	0.15	0.35	0.16	0.16	0.14	0.35	0.29	0.35	0.00	0.0%
NC_1184	10	4389	0.17	0.17	0.00	0.17	0.16	0.17	0.09	0.07	0.13	0.17	0.00	0.0%
NC_1185	540	4770	0.24	0.23	0.11	0.26	0.06	0.06	0.06	0.26	0.21	0.26	0.00	0.0%
NC_1186	360	4740	0.06	0.05	0.02	0.05	0.06	0.05	0.03	0.05	0.05	0.06	0.01	20.0%
NC_1187	540	4770	0.68	0.67	0.24	0.69	0.16	0.16	0.29	0.67	0.63	0.67	-0.02	-2.9%
NC_1188	540	4770	0.48	0.45	0.21	0.51	0.17	0.19	0.20	0.51	0.42	0.51	0.00	0.0%
NC_1189	10	4384	0.16	0.16	0.02	0.16	0.16	0.15	0.08	0.05	0.11	0.16	0.00	0.0%
NC_1190	45	4554	1.75	1.73	0.17	1.74	1.08	1.08	1.36	1.15	1.50	1.50	-0.24	-13.8%
NC_1191	10	4389	0.45	0.43	0.04	0.44	0.42	0.44	0.22	0.11	0.26	0.44	0.00	0.0%
NC_1192	20	4445	0.85	0.83	0.07	0.84	0.82	0.84	0.47	0.38	0.64	0.84	0.00	0.0%
NC_1193	45	4554	1.16	1.15	0.11	1.17	0.77	0.77	0.84	0.68	0.95	0.95	-0.22	-18.8%
NC_1194	20	4455	6.00	5.95	0.28	5.95	4.66	4.66	3.93	2.76	4.52	4.66	-1.29	-21.7%
NC_1195	10	4389	0.60	0.59	0.03	0.60	0.56	0.60	0.29	0.18	0.39	0.60	0.00	0.0%
NC_1196	10	4389	0.47	0.47	0.03	0.47	0.43	0.47	0.23	0.14	0.31	0.47	0.00	0.0%
NC_1197	10	4389	0.27	0.26	0.02	0.26	0.26	0.26	0.13	0.06	0.15	0.26	0.00	0.0%
NC_1198	10	4389	0.35	0.34	0.03	0.34	0.33	0.34	0.17	0.08	0.20	0.34	0.00	0.0%
NC_1199	20	4455	3.42	3.43	0.23	3.50	2.87	2.89	2.13	1.47	2.45	2.89	-0.61	-17.4%
NC_1200	10	4389	0.35	0.34	0.03	0.34	0.33	0.34	0.17	0.08	0.20	0.34	0.00	0.0%
NC_1201	20	4455	2.82	2.83	0.20	2.89	2.43	2.44	1.73	1.24	2.04	2.44	-0.45	-15.6%
NC_1202	10	4389	0.43	0.41	0.04	0.42	0.40	0.42	0.20	0.10	0.25	0.42	0.00	0.0%
NC_1203	10	4389	0.57	0.56	0.04	0.57	0.52	0.57	0.30	0.20	0.38	0.57	0.00	0.0%
NC_1204	10	4389	0.63	0.62	0.02	0.63	0.60	0.63	0.31	0.19	0.42	0.63	0.00	0.0%
NC_1205	10	4389	0.50	0.49	0.04	0.50	0.45	0.50	0.24	0.13	0.31	0.50	0.00	0.0%
NC_1206	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.05	0.13	0.21	0.00	0.0%
NC_1207	10	4389	0.44	0.43	0.04	0.44	0.40	0.44	0.21	0.11	0.27	0.44	0.00	0.0%
NC_1208	10	4389	0.30	0.29	0.03	0.29	0.28	0.29	0.14	0.07	0.18	0.29	0.00	0.0%
NC_1209	10	4389	0.51	0.50	0.04	0.50	0.46	0.50	0.24	0.15	0.32	0.50	0.00	0.0%
NC_1210	10	4389	0.28	0.27	0.02	0.28	0.25	0.28	0.15	0.14	0.20	0.28	0.00	0.0%
NC_1211	10	4389	0.94	0.93	0.05	0.94	0.88	0.94	0.45	0.28	0.60	0.94	0.00	0.0%
NC_1212	10	4389	0.59	0.58	0.03	0.59	0.55	0.59	0.28	0.15	0.37	0.59	0.00	0.0%
NC_1213	10	4384	0.14	0.13	0.01	0.14	0.14	0.13	0.07	0.05	0.10	0.14	0.00	0.0%
NC_1214	10	4384	0.18	0.17	0.02	0.18	0.18	0.17	0.09	0.05	0.11	0.18	0.00	0.0%
NC_1215	20	4455	3.93	3.94	0.25	4.01	3.19	3.20	2.47	1.71	2.83	3.20	-0.81	-20.2%
NC_1216	20	4449	1.08	1.08	0.08	1.09	0.98	0.99	0.60	0.45	0.77	0.99	-0.10	-9.2%
NC_1217	10	4384	0.21	0.20	0.02	0.20	0.20	0.20	0.10	0.05	0.13	0.20	0.00	0.0%
NC_1218	10	4389	0.35	0.34	0.03	0.34	0.31	0.34	0.19	0.13	0.24	0.34	0.00	0.0%
NC_1219	25	4490	0.92	0.95	0.06	0.96	0.69	0.69	0.63	0.53	0.75	0.75	-0.21	-21.9%
NC_1220	10	4389	0.95	0.94	0.06	0.95	0.87	0.95	0.47	0.25	0.59	0.95	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_1221	10	4384	0.24	0.23	0.02	0.23	0.23	0.23	0.11	0.05	0.14	0.23	0.00	0.0%
NC_1222	10	4389	0.72	0.71	0.02	0.71	0.69	0.71	0.36	0.23	0.51	0.71	0.00	0.0%
NC_1223	10	4389	0.43	0.43	0.04	0.43	0.40	0.43	0.21	0.10	0.26	0.43	0.00	0.0%
NC_1224	10	4389	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.08	0.15	0.21	0.00	0.0%
NC_1225	20	4449	0.55	0.53	0.05	0.53	0.51	0.54	0.31	0.25	0.42	0.54	0.01	1.9%
NC_1226	20	4450	0.36	0.37	0.04	0.37	0.32	0.34	0.24	0.23	0.29	0.34	-0.03	-8.1%
NC_1227	45	4547	6.48	6.48	0.61	6.56	4.66	4.68	4.51	3.21	5.05	5.05	-1.51	-23.0%
NC_1228	45	4547	7.27	7.21	0.68	7.32	4.95	4.95	5.22	3.68	5.70	5.70	-1.62	-22.1%
NC_1229	20	4449	1.11	1.11	0.10	1.14	0.97	0.97	0.64	0.38	0.75	0.97	-0.17	-14.9%
NC_1230	10	4389	0.49	0.48	0.04	0.49	0.45	0.49	0.23	0.12	0.30	0.49	0.00	0.0%
NC_1231	10	4389	0.75	0.74	0.04	0.74	0.70	0.74	0.36	0.21	0.47	0.74	0.00	0.0%
NC_1232	360	4732	0.11	0.10	0.03	0.10	0.10	0.10	0.05	0.10	0.10	0.10	0.00	0.0%
NC_1233	20	4449	0.73	0.73	0.06	0.74	0.66	0.66	0.41	0.50	0.61	0.66	-0.08	-10.8%
NC_1234	360	4740	0.47	0.43	0.11	0.45	0.45	0.46	0.25	0.40	0.45	0.46	0.01	2.2%
NC_1235	20	4449	0.40	0.41	0.04	0.41	0.36	0.37	0.26	0.39	0.34	0.39	-0.02	-4.9%
NC_1236	10	4384	0.13	0.12	0.01	0.13	0.13	0.12	0.06	0.05	0.09	0.13	0.00	0.0%
NC_1237	20	4450	0.64	0.64	0.07	0.65	0.55	0.59	0.46	0.54	0.50	0.59	-0.06	-9.2%
NC_1238	10	4389	0.22	0.22	0.02	0.22	0.20	0.22	0.11	0.09	0.17	0.22	0.00	0.0%
NC_1239	20	4451	0.87	0.87	0.09	0.87	0.79	0.84	0.59	0.65	0.67	0.84	-0.03	-3.4%
NC_1240	20	4449	1.01	1.00	0.09	1.02	0.94	0.97	0.68	0.71	0.76	0.97	-0.05	-4.9%
NC_1241	10	4389	0.31	0.30	0.03	0.30	0.28	0.30	0.14	0.09	0.20	0.30	0.00	0.0%
NC_1242	10	4389	0.39	0.39	0.02	0.39	0.36	0.39	0.18	0.12	0.27	0.39	0.00	0.0%
NC_1243	10	4389	0.36	0.35	0.03	0.35	0.33	0.35	0.17	0.10	0.23	0.35	0.00	0.0%
NC_1244	10	4389	0.76	0.75	0.04	0.76	0.71	0.76	0.36	0.23	0.52	0.76	0.00	0.0%
NC_1245	10	4389	0.33	0.32	0.03	0.32	0.31	0.32	0.15	0.09	0.21	0.32	0.00	0.0%
NC_1246	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.06	0.15	0.24	0.00	0.0%
NC_1247	10	4389	0.38	0.37	0.03	0.37	0.35	0.37	0.18	0.09	0.23	0.37	0.00	0.0%
NC_1248	10	4389	0.51	0.50	0.04	0.51	0.46	0.51	0.24	0.14	0.32	0.51	0.00	0.0%
NC_1249	360	4740	0.11	0.10	0.03	0.10	0.03	0.04	0.03	0.10	0.10	0.10	0.00	0.0%
NC_1250	15	4420	0.70	0.71	0.03	0.72	0.65	0.66	0.39	0.49	0.59	0.66	-0.06	-8.3%
NC_1251	360	4740	0.05	0.05	0.01	0.05	0.04	0.04	0.02	0.04	0.05	0.05	0.00	0.0%
NC_1252	10	4389	0.30	0.30	0.01	0.30	0.29	0.30	0.15	0.22	0.26	0.30	0.00	0.0%
NC_1253	360	4740	0.17	0.16	0.04	0.16	0.11	0.12	0.06	0.15	0.16	0.16	0.00	0.0%
NC_1254	360	4732	0.06	0.05	0.01	0.05	0.02	0.02	0.01	0.05	0.05	0.05	0.00	0.0%
NC_1255	360	4740	0.39	0.36	0.09	0.38	0.26	0.26	0.16	0.34	0.38	0.38	0.00	0.0%
NC_1256	360	4740	0.52	0.50	0.11	0.51	0.36	0.39	0.28	0.49	0.51	0.51	0.00	0.0%
NC_1257	360	4740	0.54	0.52	0.12	0.52	0.38	0.40	0.30	0.51	0.52	0.52	0.00	0.0%
NC_1258	10	4391	0.09	0.08	0.01	0.09	0.09	0.08	0.04	0.05	0.07	0.09	0.00	0.0%
NC_1259	360	4740	1.41	1.35	0.31	1.38	1.16	1.18	0.84	1.32	1.38	1.38	0.00	0.0%
NC_1260	10	4384	0.11	0.11	0.01	0.11	0.11	0.11	0.06	0.07	0.09	0.11	0.00	0.0%
NC_1261	540	4770	39.51	39.16	8.30	39.75	8.93	8.93	29.11	39.36	40.08	40.08	0.33	0.8%
NC_1262	360	4737	0.10	0.09	0.02	0.10	0.01	0.01	0.01	0.10	0.09	0.10	0.00	0.0%
NC_1263	10	4389	0.64	0.62	0.06	0.63	0.58	0.63	0.31	0.22	0.36	0.63	0.00	0.0%
NC_1264	360	4740	0.22	0.21	0.05	0.21	0.16	0.17	0.09	0.20	0.21	0.21	0.00	0.0%
NC_1265	10	4389	0.32	0.31	0.01	0.31	0.30	0.31	0.16	0.27	0.30	0.31	0.00	0.0%
NC_1266	360	4740	0.59	0.55	0.13	0.57	0.45	0.46	0.28	0.53	0.57	0.57	0.00	0.0%
NC_1267	10	4391	0.08	0.08	0.01	0.08	0.08	0.08	0.04	0.05	0.07	0.08	0.00	0.0%
NC_1268	10	4384	0.13	0.12	0.01	0.13	0.13	0.12	0.06	0.05	0.09	0.13	0.00	0.0%
NC_1269	360	4740	0.62	0.59	0.14	0.60	0.44	0.44	0.32	0.57	0.60	0.60	0.00	0.0%
NC_1270	10	4389	0.25	0.24	0.02	0.25	0.23	0.25	0.12	0.11	0.18	0.25	0.00	0.0%
NC_1271	360	4740	0.63	0.61	0.14	0.62	0.52	0.54	0.37	0.60	0.62	0.62	0.00	0.0%
NC_1272	360	4740	0.02	0.02	0.01	0.02	0.00	0.00	0.00	0.02	0.02	0.02	0.00	0.0%
NC_1273	540	4770	1.23	1.19	0.47	1.26	0.23	0.23	0.48	1.25	1.11	1.25	-0.01	-0.8%
NC_1274	15	4420	0.51	0.51	0.03	0.52	0.47	0.48	0.28	0.21	0.37	0.48	-0.04	-7.7%
NC_1275	45	4547	0.80	0.80	0.08	0.80	0.53	0.53	0.59	0.47	0.68	0.68	-0.12	-15.0%
NC_1276	10	4389	0.39	0.38	0.03	0.38	0.35	0.38	0.18	0.11	0.24	0.38	0.00	0.0%
NC_1277	360	4740	0.18	0.17	0.05	0.18	0.17	0.18	0.09	0.15	0.18	0.18	0.00	0.0%
NC_1278	10	4389	3.05	3.03	0.08	3.04	2.97	3.04	1.59	0.79	1.95	3.04	0.00	0.0%
NC_1279	20	4455	4.36	4.36	0.32	4.36	3.86	3.88	2.43	1.29	2.88	3.88	-0.48	-11.0%
NC_1280	10	4389	0.75	0.74	0.05	0.74	0.68	0.74	0.36	0.16	0.43	0.74	0.00	0.0%
NC_1281	10	4389	0.31	0.30	0.03	0.30	0.29	0.30	0.15	0.06	0.17	0.30	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_1282	10	4384	0.20	0.20	0.02	0.20	0.20	0.20	0.10	0.05	0.12	0.20	0.00	0.0%
NC_1283	10	4389	3.01	2.97	0.11	2.98	2.90	2.98	1.51	0.75	1.89	2.98	0.00	0.0%
NC_1284	10	4389	0.51	0.50	0.04	0.50	0.46	0.50	0.24	0.11	0.29	0.50	0.00	0.0%
NC_1285	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.06	0.15	0.24	0.00	0.0%
NC_1286	10	4384	0.21	0.20	0.02	0.20	0.20	0.20	0.10	0.05	0.12	0.20	0.00	0.0%
NC_1287	10	4384	0.18	0.17	0.02	0.18	0.18	0.17	0.09	0.05	0.11	0.18	0.00	0.0%
NC_1288	10	4389	0.65	0.64	0.05	0.64	0.58	0.64	0.32	0.15	0.38	0.64	0.00	0.0%
NC_1289	10	4384	0.18	0.18	0.02	0.18	0.18	0.18	0.09	0.05	0.11	0.18	0.00	0.0%
NC_1290	10	4389	0.33	0.32	0.03	0.32	0.30	0.32	0.16	0.10	0.21	0.32	0.00	0.0%
NC_1291	10	4384	0.21	0.20	0.02	0.20	0.20	0.20	0.10	0.06	0.13	0.20	0.00	0.0%
NC_1292	10	4389	0.20	0.19	0.02	0.19	0.19	0.19	0.09	0.07	0.14	0.19	0.00	0.0%
NC_1293	10	4389	0.33	0.32	0.03	0.32	0.29	0.32	0.16	0.11	0.21	0.32	0.00	0.0%
NC_1294	10	4389	0.44	0.44	0.02	0.44	0.42	0.44	0.22	0.18	0.31	0.44	0.00	0.0%
NC_1295	10	4384	0.16	0.15	0.02	0.15	0.15	0.15	0.08	0.05	0.10	0.15	0.00	0.0%
NC_1296	10	4389	1.21	1.20	0.03	1.21	1.17	1.21	0.60	0.42	0.83	1.21	0.00	0.0%
NC_1297	45	4552	1.23	1.24	0.12	1.24	0.89	0.89	0.86	0.79	1.08	1.08	-0.16	-12.9%
NC_1298	10	4384	0.21	0.20	0.02	0.21	0.21	0.20	0.10	0.05	0.12	0.21	0.00	0.0%
NC_1299	10	4384	0.18	0.18	0.02	0.18	0.18	0.18	0.09	0.05	0.11	0.18	0.00	0.0%
NC_1300	10	4384	0.20	0.19	0.02	0.19	0.19	0.19	0.10	0.05	0.12	0.19	0.00	0.0%
NC_1301	45	4547	5.72	5.70	0.13	5.72	3.26	3.26	5.62	5.40	5.54	5.62	-0.10	-1.7%
NC_1302	10	4384	0.21	0.21	0.02	0.21	0.21	0.20	0.10	0.05	0.13	0.21	0.00	0.0%
NC_1303	10	4389	0.22	0.22	0.01	0.22	0.21	0.22	0.11	0.09	0.16	0.22	0.00	0.0%
NC_1304	20	4455	1.18	1.18	0.06	1.19	0.92	0.92	0.79	0.69	0.96	0.96	-0.23	-19.3%
NC_1305	10	4384	0.20	0.20	0.02	0.20	0.20	0.20	0.10	0.05	0.12	0.20	0.00	0.0%
NC_1306	10	4389	0.36	0.35	0.03	0.36	0.33	0.36	0.17	0.09	0.22	0.36	0.00	0.0%
NC_1307	10	4389	0.53	0.53	0.03	0.53	0.49	0.53	0.26	0.15	0.35	0.53	0.00	0.0%
NC_1308	10	4384	0.19	0.19	0.02	0.19	0.19	0.19	0.09	0.05	0.12	0.19	0.00	0.0%
NC_1309	10	4389	0.34	0.33	0.03	0.33	0.31	0.33	0.16	0.08	0.21	0.33	0.00	0.0%
NC_1310	15	4420	1.57	1.56	0.07	1.58	1.52	1.54	0.83	0.57	1.13	1.54	-0.04	-2.5%
NC_1311	10	4389	1.18	1.17	0.03	1.17	1.14	1.17	0.60	0.42	0.85	1.17	0.00	0.0%
NC_1312	10	4389	0.35	0.35	0.03	0.35	0.32	0.35	0.19	0.11	0.24	0.35	0.00	0.0%
NC_1313	10	4389	0.45	0.44	0.04	0.45	0.40	0.45	0.22	0.13	0.29	0.45	0.00	0.0%
NC_1314	10	4384	0.20	0.19	0.02	0.19	0.19	0.19	0.10	0.05	0.12	0.19	0.00	0.0%
NC_1315	10	4384	0.20	0.19	0.02	0.19	0.19	0.19	0.09	0.05	0.12	0.19	0.00	0.0%
NC_1316	10	4384	0.19	0.19	0.02	0.19	0.19	0.19	0.09	0.05	0.12	0.19	0.00	0.0%
NC_1317	10	4389	0.67	0.67	0.04	0.67	0.62	0.67	0.32	0.22	0.45	0.67	0.00	0.0%
NC_1318	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.06	0.14	0.22	0.00	0.0%
NC_1319	60	4579	2.01	2.01	0.04	2.02	1.00	1.00	2.00	1.62	1.88	2.00	-0.02	-1.0%
NC_1320	10	4389	0.41	0.40	0.03	0.41	0.37	0.41	0.19	0.11	0.25	0.41	0.00	0.0%
NC_1321	45	4554	1.55	1.54	0.15	1.55	1.05	1.05	1.16	0.90	1.24	1.24	-0.31	-20.0%
NC_1322	45	4547	1.54	1.52	0.14	1.53	1.01	1.01	1.18	0.92	1.24	1.24	-0.29	-19.0%
NC_1323	10	4384	0.08	0.08	0.01	0.09	0.09	0.08	0.04	0.03	0.06	0.09	0.00	0.0%
NC_1324	45	4554	4.32	4.32	0.33	4.35	2.47	2.47	3.74	3.43	3.71	3.74	-0.61	-14.0%
NC_1325	20	4449	1.24	1.24	0.11	1.26	1.13	1.16	0.84	0.88	0.97	1.16	-0.10	-7.9%
NC_1326	10	4384	0.08	0.08	0.01	0.09	0.09	0.08	0.04	0.04	0.06	0.09	0.00	0.0%
NC_1327	45	4553	1.20	1.23	0.12	1.24	0.79	0.80	0.97	0.99	1.03	1.03	-0.21	-16.9%
NC_1328	10	4389	0.26	0.25	0.01	0.25	0.24	0.25	0.13	0.08	0.18	0.25	0.00	0.0%
NC_1329	10	4384	0.17	0.17	0.02	0.17	0.17	0.16	0.08	0.06	0.11	0.17	0.00	0.0%
NC_1330	20	4449	0.44	0.44	0.04	0.45	0.36	0.37	0.31	0.38	0.43	0.43	-0.02	-4.4%
NC_1331	360	4740	0.11	0.11	0.03	0.11	0.11	0.11	0.06	0.10	0.11	0.11	0.00	0.0%
NC_1332	10	4384	0.12	0.12	0.01	0.12	0.12	0.12	0.06	0.06	0.09	0.12	0.00	0.0%
NC_1333	25	4489	0.94	0.91	0.09	0.91	0.79	0.82	0.68	0.73	0.75	0.82	-0.09	-9.9%
NC_1334	360	4737	0.50	0.50	0.11	0.50	0.39	0.39	0.33	0.50	0.49	0.50	0.00	0.0%
NC_1335	10	4389	1.28	1.27	0.05	1.28	1.22	1.28	0.69	0.61	0.86	1.28	0.00	0.0%
NC_1336	15	4420	0.98	0.97	0.05	0.99	0.95	0.95	0.53	0.42	0.71	0.95	-0.04	-4.0%
NC_1337	20	4449	1.94	1.92	0.17	1.97	1.77	1.80	1.11	0.96	1.38	1.80	-0.17	-8.6%
NC_1338	10	4389	0.45	0.45	0.04	0.45	0.41	0.45	0.22	0.15	0.29	0.45	0.00	0.0%
NC_1339	360	4737	0.12	0.12	0.03	0.12	0.07	0.07	0.04	0.12	0.11	0.12	0.00	0.0%
NC_1340	10	4384	0.15	0.14	0.01	0.15	0.15	0.14	0.07	0.05	0.10	0.15	0.00	0.0%
NC_1341	10	4389	0.32	0.31	0.03	0.31	0.29	0.31	0.17	0.15	0.21	0.31	0.00	0.0%
NC_1342	10	4389	0.12	0.11	0.01	0.12	0.11	0.12	0.06	0.08	0.09	0.12	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_1343	10	4389	0.65	0.65	0.04	0.65	0.60	0.65	0.33	0.30	0.43	0.65	0.00	0.0%
NC_1344	10	4384	0.16	0.15	0.02	0.16	0.16	0.15	0.08	0.08	0.12	0.16	0.00	0.0%
NC_1345	360	4740	0.05	0.05	0.02	0.05	0.06	0.05	0.03	0.04	0.05	0.06	0.01	20.0%
NC_1346	10	4384	0.11	0.11	0.01	0.11	0.11	0.10	0.05	0.05	0.08	0.11	0.00	0.0%
NC_1347	10	4389	0.58	0.56	0.05	0.57	0.53	0.57	0.27	0.28	0.40	0.57	0.00	0.0%
NC_1348	10	4384	0.17	0.16	0.02	0.17	0.17	0.16	0.08	0.05	0.11	0.17	0.00	0.0%
NC_1349	10	4389	0.49	0.48	0.04	0.49	0.44	0.49	0.24	0.15	0.32	0.49	0.00	0.0%
NC_1350	15	4420	2.19	2.17	0.10	2.20	2.09	2.13	1.14	0.94	1.57	2.13	-0.07	-3.2%
NC_1351	10	4389	0.34	0.33	0.03	0.34	0.31	0.34	0.16	0.10	0.22	0.34	0.00	0.0%
NC_1352	10	4384	0.21	0.21	0.02	0.21	0.21	0.21	0.10	0.06	0.13	0.21	0.00	0.0%
NC_1353	10	4384	0.17	0.17	0.02	0.17	0.17	0.16	0.08	0.05	0.11	0.17	0.00	0.0%
NC_1354	10	4389	0.49	0.48	0.04	0.48	0.44	0.48	0.23	0.16	0.32	0.48	0.00	0.0%
NC_1355	10	4389	0.33	0.32	0.03	0.32	0.29	0.32	0.16	0.10	0.21	0.32	0.00	0.0%
NC_1356	15	4420	2.26	2.24	0.07	2.26	2.09	2.11	1.21	1.01	1.65	2.11	-0.15	-6.6%
NC_1357	10	4384	0.13	0.12	0.01	0.13	0.13	0.12	0.06	0.03	0.08	0.13	0.00	0.0%
NC_1358	10	4389	0.62	0.62	0.02	0.62	0.59	0.62	0.31	0.23	0.43	0.62	0.00	0.0%
NC_1359	10	4384	0.20	0.19	0.02	0.19	0.19	0.19	0.10	0.05	0.12	0.19	0.00	0.0%
NC_1360	10	4389	0.35	0.34	0.03	0.34	0.32	0.34	0.16	0.10	0.23	0.34	0.00	0.0%
NC_1361	540	4770	0.84	0.81	0.26	0.85	0.14	0.14	0.61	0.89	0.85	0.89	0.04	4.7%
NC_1362	10	4389	0.74	0.74	0.02	0.74	0.71	0.74	0.37	0.27	0.50	0.74	0.00	0.0%
NC_1363	10	4389	0.64	0.63	0.04	0.64	0.59	0.64	0.31	0.21	0.42	0.64	0.00	0.0%
NC_1364	10	4389	0.29	0.29	0.02	0.29	0.27	0.29	0.14	0.08	0.19	0.29	0.00	0.0%
NC_1365	15	4420	1.61	1.60	0.07	1.62	1.55	1.57	0.85	0.60	1.15	1.57	-0.05	-3.1%
NC_1366	10	4389	1.02	1.01	0.03	1.02	0.98	1.02	0.51	0.36	0.73	1.02	0.00	0.0%
NC_1367	10	4389	0.52	0.51	0.03	0.52	0.48	0.52	0.25	0.17	0.35	0.52	0.00	0.0%
NC_1368	20	4451	0.61	0.59	0.06	0.59	0.56	0.60	0.37	0.42	0.47	0.60	0.01	1.7%
NC_1369	10	4384	0.18	0.18	0.02	0.18	0.18	0.18	0.09	0.05	0.11	0.18	0.00	0.0%
NC_1370	10	4389	0.37	0.37	0.03	0.37	0.33	0.37	0.18	0.12	0.24	0.37	0.00	0.0%
NC_1371	1080	4846	4.69	4.66	1.74	5.55	1.75	1.76	2.02	3.70	3.37	3.70	-1.85	-33.3%
NC_1372	10	4389	0.39	0.38	0.03	0.39	0.36	0.39	0.19	0.12	0.26	0.39	0.00	0.0%
NC_1373	1440	4877	3.59	3.99	1.26	4.10	0.81	0.81	0.95	2.74	2.65	2.74	-1.36	-33.2%
NC_1374	10	4384	0.12	0.12	0.01	0.12	0.12	0.11	0.06	0.03	0.07	0.12	0.00	0.0%
NC_1375	10	4389	0.21	0.20	0.02	0.21	0.20	0.21	0.10	0.07	0.14	0.21	0.00	0.0%
NC_1376	10	4389	0.45	0.45	0.03	0.45	0.41	0.45	0.21	0.14	0.29	0.45	0.00	0.0%
NC_1377	360	4740	0.08	0.08	0.02	0.08	0.08	0.07	0.04	0.07	0.08	0.08	0.00	0.0%
NC_1378	10	4384	0.10	0.10	0.01	0.10	0.10	0.10	0.05	0.05	0.08	0.10	0.00	0.0%
NC_1379	20	4445	0.54	0.53	0.05	0.53	0.52	0.53	0.30	0.32	0.38	0.53	0.00	0.0%
NC_1380	10	4389	0.80	0.79	0.03	0.80	0.76	0.80	0.39	0.27	0.52	0.80	0.00	0.0%
NC_1381	10	4384	0.11	0.11	0.01	0.11	0.11	0.10	0.05	0.05	0.08	0.11	0.00	0.0%
NC_1382	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.07	0.16	0.24	0.00	0.0%
NC_1383	10	4389	0.40	0.39	0.02	0.39	0.37	0.39	0.21	0.17	0.28	0.39	0.00	0.0%
NC_1384	10	4389	0.32	0.32	0.03	0.32	0.30	0.32	0.15	0.10	0.21	0.32	0.00	0.0%
NC_1385	10	4384	0.23	0.23	0.02	0.23	0.23	0.23	0.11	0.05	0.14	0.23	0.00	0.0%
NC_1386	540	4776	2.98	2.91	1.19	3.07	1.33	1.33	2.13	3.08	2.75	3.08	0.01	0.3%
NC_1387	20	4451	0.45	0.44	0.05	0.45	0.41	0.44	0.27	0.21	0.31	0.44	-0.01	-2.2%
NC_1388	25	4487	0.36	0.35	0.03	0.35	0.29	0.29	0.27	0.32	0.33	0.33	-0.02	-5.7%
NC_1389	10	4384	0.14	0.14	0.01	0.14	0.14	0.14	0.07	0.05	0.10	0.14	0.00	0.0%
NC_1390	10	4389	0.63	0.62	0.05	0.62	0.57	0.62	0.30	0.19	0.40	0.62	0.00	0.0%
NC_1391	10	4384	0.20	0.19	0.02	0.19	0.19	0.19	0.10	0.06	0.12	0.19	0.00	0.0%
NC_1392	10	4389	0.29	0.29	0.03	0.29	0.27	0.29	0.14	0.09	0.20	0.29	0.00	0.0%
NC_1393	540	4776	4.23	4.11	1.64	4.36	2.13	2.13	3.54	4.36	3.91	4.36	0.00	0.0%
NC_1394	45	4547	1.37	1.36	0.12	1.36	0.87	0.87	1.10	1.10	1.20	1.20	-0.16	-11.8%
NC_1395	45	4552	1.38	1.38	0.14	1.40	0.95	0.95	1.06	1.09	1.18	1.18	-0.22	-15.7%
NC_1396	20	4451	0.25	0.25	0.03	0.25	0.23	0.24	0.15	0.18	0.21	0.24	-0.01	-4.0%
NC_1397	10	4384	0.23	0.23	0.02	0.23	0.23	0.23	0.11	0.06	0.14	0.23	0.00	0.0%
NC_1398	15	4420	0.47	0.48	0.03	0.49	0.43	0.45	0.27	0.17	0.33	0.45	-0.04	-8.2%
NC_1399	10	4384	0.20	0.20	0.02	0.20	0.20	0.19	0.10	0.05	0.12	0.20	0.00	0.0%
NC_1400	10	4384	0.17	0.17	0.02	0.17	0.17	0.17	0.08	0.05	0.11	0.17	0.00	0.0%
NC_1401	10	4389	0.29	0.29	0.01	0.29	0.27	0.29	0.14	0.08	0.19	0.29	0.00	0.0%
NC_1402	10	4386	0.02	0.02	0.00	0.02	0.02	0.01	0.01	0.00	0.01	0.02	0.00	0.0%
NC_1403	10	4389	0.25	0.25	0.02	0.25	0.22	0.25	0.14	0.10	0.16	0.25	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_1404	10	4389	0.46	0.45	0.03	0.46	0.42	0.46	0.23	0.15	0.31	0.46	0.00	0.0%
NC_1405	25	4489	0.49	0.48	0.04	0.49	0.34	0.36	0.37	0.23	0.33	0.37	-0.12	-24.5%
NC_1406	10	4380	0.02	0.02	0.00	0.02	0.02	0.01	0.01	0.00	0.01	0.02	0.00	0.0%
NC_1407	10	4384	0.04	0.04	0.00	0.04	0.04	0.04	0.02	0.02	0.03	0.04	0.00	0.0%
NC_1408	10	4389	0.45	0.44	0.03	0.45	0.40	0.45	0.21	0.14	0.29	0.45	0.00	0.0%
NC_1409	10	4384	0.24	0.24	0.02	0.24	0.24	0.24	0.12	0.07	0.15	0.24	0.00	0.0%
NC_1410	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.05	0.13	0.21	0.00	0.0%
NC_1411	10	4389	0.45	0.44	0.04	0.44	0.42	0.44	0.22	0.11	0.27	0.44	0.00	0.0%
NC_1412	15	4426	0.40	0.41	0.01	0.41	0.37	0.37	0.23	0.16	0.30	0.37	-0.04	-9.8%
NC_1413	10	4384	0.09	0.09	0.01	0.09	0.09	0.09	0.05	0.02	0.06	0.09	0.00	0.0%
NC_1414	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.05	0.14	0.24	0.00	0.0%
NC_1415	20	4450	1.09	1.11	0.08	1.12	0.89	0.89	0.69	0.42	0.78	0.89	-0.23	-20.5%
NC_1416	10	4389	0.55	0.54	0.02	0.55	0.52	0.55	0.28	0.18	0.38	0.55	0.00	0.0%
NC_1417	15	4420	0.78	0.78	0.04	0.79	0.69	0.70	0.47	0.29	0.57	0.70	-0.09	-11.4%
NC_1418	10	4389	0.26	0.26	0.02	0.26	0.26	0.26	0.13	0.05	0.15	0.26	0.00	0.0%
NC_1419	25	4487	1.07	1.10	0.06	1.10	0.77	0.77	0.75	0.46	0.78	0.78	-0.32	-29.1%
NC_1420	20	4449	2.14	2.15	0.14	2.19	1.72	1.73	1.46	0.89	1.53	1.73	-0.46	-21.0%
NC_1421	540	4771	7.88	7.61	2.56	7.66	3.56	3.56	7.70	8.13	8.25	8.25	0.59	7.7%
NC_1422	10	4389	0.56	0.55	0.04	0.56	0.51	0.56	0.27	0.11	0.30	0.56	0.00	0.0%
NC_1423	10	4389	1.51	1.50	0.06	1.50	1.43	1.50	0.75	0.42	0.95	1.50	0.00	0.0%
NC_1424	10	4384	0.08	0.08	0.01	0.08	0.08	0.08	0.04	0.04	0.07	0.08	0.00	0.0%
NC_1425	540	4776	5.51	5.39	2.03	5.46	2.32	2.32	4.73	5.76	5.54	5.76	0.30	5.5%
NC_1426	10	4389	0.52	0.51	0.04	0.51	0.47	0.51	0.25	0.17	0.33	0.51	0.00	0.0%
NC_1427	10	4389	1.19	1.18	0.04	1.19	1.14	1.19	0.59	0.30	0.76	1.19	0.00	0.0%
NC_1428	10	4389	0.68	0.67	0.05	0.67	0.62	0.67	0.32	0.14	0.37	0.67	0.00	0.0%
NC_1429	10	4389	0.52	0.50	0.05	0.51	0.48	0.51	0.25	0.10	0.28	0.51	0.00	0.0%
NC_1430	10	4389	0.52	0.51	0.05	0.51	0.48	0.51	0.25	0.11	0.30	0.51	0.00	0.0%
NC_1431	10	4389	0.62	0.60	0.05	0.61	0.56	0.61	0.29	0.13	0.35	0.61	0.00	0.0%
NC_1432	10	4389	0.82	0.81	0.05	0.81	0.76	0.81	0.40	0.21	0.52	0.81	0.00	0.0%
NC_1433	15	4420	2.78	2.76	0.11	2.79	2.64	2.65	1.50	0.80	1.83	2.65	-0.14	-5.0%
NC_1434	20	4449	4.27	4.27	0.33	4.32	3.86	3.90	2.34	1.42	2.87	3.90	-0.42	-9.7%
NC_1435	15	4420	0.83	0.84	0.04	0.85	0.74	0.75	0.48	0.31	0.59	0.75	-0.10	-11.8%
NC_1436	10	4384	0.19	0.18	0.02	0.19	0.19	0.18	0.09	0.07	0.13	0.19	0.00	0.0%
NC_1437	10	4384	0.22	0.22	0.02	0.22	0.22	0.22	0.11	0.05	0.13	0.22	0.00	0.0%
NC_1438	10	4389	0.53	0.51	0.05	0.52	0.49	0.52	0.26	0.12	0.31	0.52	0.00	0.0%
NC_1439	360	4740	0.05	0.05	0.01	0.05	0.04	0.03	0.02	0.04	0.05	0.05	0.00	0.0%
NC_1440	10	4389	0.69	0.68	0.04	0.69	0.64	0.69	0.34	0.18	0.44	0.69	0.00	0.0%
NC_1441	10	4384	0.22	0.22	0.02	0.22	0.22	0.22	0.11	0.05	0.13	0.22	0.00	0.0%
NC_1442	10	4389	0.38	0.37	0.03	0.38	0.35	0.38	0.18	0.10	0.24	0.38	0.00	0.0%
NC_1443	20	4455	3.37	3.37	0.25	3.40	2.95	2.97	1.88	1.32	2.43	2.97	-0.43	-12.6%
NC_1444	10	4384	0.21	0.21	0.02	0.21	0.21	0.21	0.10	0.05	0.12	0.21	0.00	0.0%
NC_1445	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.05	0.13	0.22	0.00	0.0%
NC_1446	20	4455	1.61	1.61	0.12	1.62	1.43	1.43	0.89	0.68	1.11	1.43	-0.19	-11.7%
NC_1447	10	4384	0.20	0.20	0.02	0.20	0.20	0.20	0.10	0.05	0.12	0.20	0.00	0.0%
NC_1448	60	4579	6.42	6.43	0.36	6.43	3.33	3.33	6.42	6.26	6.53	6.53	0.10	1.6%
NC_1449	10	4389	0.63	0.62	0.05	0.62	0.56	0.62	0.30	0.16	0.38	0.62	0.00	0.0%
NC_1450	10	4389	0.27	0.26	0.03	0.26	0.26	0.26	0.13	0.06	0.16	0.26	0.00	0.0%
NC_1451	10	4384	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.06	0.15	0.24	0.00	0.0%
NC_1452	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.06	0.14	0.22	0.00	0.0%
NC_1453	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.05	0.13	0.21	0.00	0.0%
NC_1454	10	4389	0.63	0.62	0.05	0.62	0.56	0.62	0.30	0.16	0.38	0.62	0.00	0.0%
NC_1455	360	4737	0.28	0.27	0.06	0.28	0.19	0.21	0.12	0.28	0.26	0.28	0.00	0.0%
NC_1456	10	4384	0.13	0.13	0.01	0.13	0.13	0.13	0.07	0.05	0.09	0.13	0.00	0.0%
NC_1457	360	4732	0.08	0.08	0.02	0.08	0.02	0.01	0.01	0.07	0.08	0.08	0.00	0.0%
NC_1458	10	4389	0.42	0.40	0.04	0.41	0.39	0.41	0.20	0.11	0.25	0.41	0.00	0.0%
NC_1459	360	4740	0.06	0.05	0.02	0.06	0.05	0.05	0.03	0.05	0.06	0.06	0.00	0.0%
NC_1460	20	4451	0.28	0.27	0.03	0.28	0.25	0.27	0.17	0.22	0.22	0.27	-0.01	-3.6%
NC_1461	10	4389	0.45	0.45	0.03	0.45	0.41	0.45	0.25	0.27	0.31	0.45	0.00	0.0%
NC_1462	10	4389	0.53	0.52	0.02	0.53	0.50	0.53	0.30	0.31	0.39	0.53	0.00	0.0%
NC_1463	20	4449	1.72	1.67	0.15	1.68	1.61	1.67	1.04	0.79	1.26	1.67	-0.01	-0.6%
NC_1464	10	4384	0.19	0.19	0.02	0.19	0.19	0.19	0.09	0.05	0.12	0.19	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_1465	20	4455	2.42	2.41	0.18	2.42	2.05	2.05	1.39	1.24	1.95	2.05	-0.37	-15.3%
NC_1466	10	4384	0.21	0.20	0.02	0.21	0.21	0.20	0.10	0.05	0.13	0.21	0.00	0.0%
NC_1467	10	4384	0.18	0.18	0.02	0.18	0.18	0.18	0.09	0.05	0.11	0.18	0.00	0.0%
NC_1468	10	4384	0.19	0.19	0.02	0.19	0.19	0.19	0.09	0.05	0.12	0.19	0.00	0.0%
NC_1469	10	4389	0.47	0.46	0.04	0.46	0.42	0.46	0.22	0.12	0.29	0.46	0.00	0.0%
NC_1470	10	4384	0.21	0.20	0.02	0.20	0.20	0.20	0.10	0.05	0.13	0.20	0.00	0.0%
NC_1471	10	4389	0.49	0.48	0.04	0.49	0.44	0.49	0.24	0.13	0.31	0.49	0.00	0.0%
NC_1472	10	4384	0.19	0.18	0.02	0.18	0.18	0.18	0.09	0.05	0.11	0.18	0.00	0.0%
NC_1473	10	4384	0.20	0.19	0.02	0.20	0.20	0.19	0.10	0.05	0.12	0.20	0.00	0.0%
NC_1474	10	4384	0.21	0.21	0.02	0.21	0.21	0.21	0.10	0.05	0.13	0.21	0.00	0.0%
NC_1475	10	4389	0.31	0.30	0.03	0.30	0.30	0.30	0.15	0.09	0.19	0.30	0.00	0.0%
NC_1476	10	4384	0.14	0.13	0.01	0.13	0.13	0.13	0.07	0.03	0.08	0.13	0.00	0.0%
NC_1477	10	4389	0.33	0.33	0.03	0.33	0.30	0.33	0.16	0.10	0.21	0.33	0.00	0.0%
NC_1478	540	4770	4.28	4.22	0.92	4.27	1.45	1.45	3.39	4.19	4.55	4.55	0.28	6.6%
NC_1479	360	4737	0.19	0.19	0.04	0.19	0.02	0.02	0.02	0.19	0.17	0.19	0.00	0.0%
NC_1480	360	4737	0.54	0.53	0.12	0.55	0.03	0.03	0.04	0.55	0.47	0.55	0.00	0.0%
NC_1481	360	4737	0.64	0.63	0.14	0.66	0.00	0.00	0.04	0.66	0.56	0.66	0.00	0.0%
NC_1482	360	4740	1.91	1.83	0.43	1.86	1.16	1.16	0.93	1.80	1.86	1.86	0.00	0.0%
NC_1483	360	4740	0.35	0.33	0.08	0.34	0.15	0.15	0.12	0.31	0.34	0.34	0.00	0.0%
NC_1484	360	4740	0.08	0.07	0.02	0.08	0.01	0.01	0.01	0.07	0.08	0.08	0.00	0.0%
NC_1485	10	4384	0.17	0.17	0.02	0.17	0.17	0.16	0.08	0.11	0.13	0.17	0.00	0.0%
NC_1486	360	4740	0.08	0.07	0.02	0.07	0.00	0.00	0.01	0.07	0.07	0.07	0.00	0.0%
NC_1487	45	4554	1.17	1.17	0.11	1.17	0.80	0.80	0.83	0.67	0.98	0.98	-0.19	-16.2%
NC_1488	25	4487	0.74	0.72	0.07	0.72	0.59	0.61	0.52	0.45	0.53	0.61	-0.11	-15.3%
NC_1489	540	4770	2.65	2.55	1.11	2.57	0.04	0.04	0.20	2.46	2.27	2.46	-0.11	-4.3%
NC_1490	360	4737	0.12	0.11	0.03	0.11	0.02	0.02	0.02	0.11	0.10	0.11	0.00	0.0%
NC_1491	20	4445	1.22	1.22	0.09	1.22	1.13	1.14	0.66	0.46	0.86	1.14	-0.08	-6.6%
NC_1492	20	4455	4.36	4.35	0.33	4.36	3.88	3.88	2.42	1.28	2.86	3.88	-0.48	-11.0%
NC_1493	20	4455	5.12	5.13	0.32	5.22	4.10	4.13	3.72	4.04	3.89	4.13	-1.09	-20.9%
NC_1494	10	4389	0.48	0.47	0.04	0.48	0.43	0.48	0.23	0.14	0.30	0.48	0.00	0.0%
NC_1495	10	4389	0.51	0.49	0.05	0.50	0.47	0.50	0.25	0.10	0.27	0.50	0.00	0.0%
NC_1496	10	4389	0.57	0.56	0.04	0.56	0.51	0.56	0.27	0.15	0.35	0.56	0.00	0.0%
NC_1497	10	4389	0.86	0.85	0.04	0.85	0.80	0.85	0.42	0.24	0.55	0.85	0.00	0.0%
NC_1498	10	4384	0.09	0.09	0.01	0.10	0.10	0.09	0.05	0.04	0.07	0.10	0.00	0.0%
NC_1499	10	4384	0.17	0.16	0.02	0.16	0.16	0.16	0.08	0.05	0.11	0.16	0.00	0.0%
NC_1500	10	4389	1.06	1.05	0.03	1.06	1.03	1.06	0.54	0.43	0.73	1.06	0.00	0.0%
NC_1501	1440	4879	5.72	5.94	1.75	6.08	3.16	3.16	4.00	5.24	4.72	5.24	-0.84	-13.8%
NC_1502	10	4384	0.17	0.16	0.02	0.17	0.17	0.16	0.08	0.04	0.10	0.17	0.00	0.0%
NC_1503	10	4389	0.72	0.71	0.04	0.72	0.66	0.72	0.35	0.23	0.47	0.72	0.00	0.0%
NC_1504	10	4384	0.12	0.12	0.01	0.12	0.12	0.12	0.06	0.04	0.08	0.12	0.00	0.0%
NC_1505	10	4384	0.08	0.08	0.01	0.09	0.09	0.08	0.04	0.02	0.05	0.09	0.00	0.0%
NC_1506	10	4389	0.60	0.60	0.04	0.60	0.55	0.60	0.29	0.18	0.38	0.60	0.00	0.0%
NC_1507	10	4389	0.62	0.62	0.05	0.62	0.56	0.62	0.30	0.19	0.40	0.62	0.00	0.0%
NC_1508	10	4389	0.26	0.25	0.02	0.25	0.25	0.25	0.12	0.08	0.16	0.25	0.00	0.0%
NC_1509	10	4389	0.39	0.38	0.04	0.38	0.37	0.38	0.19	0.13	0.25	0.38	0.00	0.0%
NC_1510	10	4389	0.94	0.94	0.02	0.94	0.91	0.94	0.47	0.35	0.63	0.94	0.00	0.0%
NC_1511	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.06	0.15	0.24	0.00	0.0%
NC_1512	10	4389	0.45	0.44	0.03	0.44	0.40	0.44	0.21	0.13	0.28	0.44	0.00	0.0%
NC_1513	10	4389	0.48	0.47	0.04	0.48	0.43	0.48	0.23	0.16	0.31	0.48	0.00	0.0%
NC_1514	10	4389	0.25	0.24	0.02	0.25	0.24	0.25	0.12	0.08	0.16	0.25	0.00	0.0%
NC_1515	10	4389	0.28	0.27	0.03	0.27	0.27	0.27	0.14	0.08	0.17	0.27	0.00	0.0%
NC_1516	10	4389	0.37	0.36	0.03	0.36	0.35	0.36	0.18	0.10	0.23	0.36	0.00	0.0%
NC_1517	10	4389	0.52	0.52	0.04	0.52	0.48	0.52	0.25	0.16	0.33	0.52	0.00	0.0%
NC_1518	10	4384	0.16	0.16	0.02	0.16	0.16	0.16	0.08	0.05	0.11	0.16	0.00	0.0%
NC_1519	10	4389	0.30	0.30	0.02	0.30	0.27	0.30	0.15	0.11	0.21	0.30	0.00	0.0%
NC_1520	45	4550	1.41	1.40	0.07	1.40	0.93	0.93	1.27	1.09	1.24	1.27	-0.13	-9.3%
NC_1521	10	4389	0.82	0.81	0.05	0.82	0.76	0.82	0.39	0.28	0.53	0.82	0.00	0.0%
NC_1522	10	4389	1.29	1.28	0.06	1.28	1.22	1.28	0.63	0.40	0.83	1.28	0.00	0.0%
NC_1523	10	4389	0.97	0.96	0.02	0.96	0.94	0.96	0.50	0.37	0.68	0.96	0.00	0.0%
NC_1524	10	4389	0.49	0.48	0.04	0.48	0.46	0.48	0.24	0.14	0.30	0.48	0.00	0.0%
NC_1525	45	4554	1.41	1.43	0.10	1.43	1.00	1.00	1.24	1.07	1.22	1.24	-0.19	-13.3%

ARR2019 Results for 50%AEP Event														
Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_1526	20	4455	1.35	1.35	0.09	1.36	1.18	1.19	0.81	0.59	0.99	1.19	-0.17	-12.5%
NC_1527	10	4389	0.33	0.32	0.03	0.32	0.30	0.32	0.15	0.08	0.21	0.32	0.00	0.0%
NC_1528	10	4389	0.22	0.22	0.02	0.22	0.21	0.22	0.11	0.05	0.14	0.22	0.00	0.0%
NC_1529	10	4384	0.14	0.14	0.01	0.14	0.14	0.13	0.07	0.04	0.09	0.14	0.00	0.0%
NC_1530	45	4547	3.53	3.51	0.08	3.51	2.38	2.38	3.43	3.37	3.45	3.45	-0.06	-1.7%
NC_1531	10	4384	0.12	0.12	0.01	0.12	0.12	0.12	0.06	0.03	0.08	0.12	0.00	0.0%
NC_1532	90	4605	4.05	4.11	0.16	4.13	1.85	1.85	3.87	4.13	4.44	4.44	0.31	7.5%
NC_1533	540	4770	3.88	3.83	1.02	3.92	1.49	1.49	3.41	4.00	4.29	4.29	0.37	9.4%
NC_1534	25	4487	0.89	0.90	0.06	0.90	0.64	0.64	0.64	0.60	0.75	0.75	-0.15	-16.7%
NC_1535	20	4449	1.56	1.56	0.13	1.60	1.39	1.40	0.89	0.68	1.11	1.40	-0.20	-12.5%
NC_1536	10	4384	0.20	0.20	0.02	0.20	0.20	0.20	0.10	0.05	0.12	0.20	0.00	0.0%
NC_1537	20	4455	0.56	0.56	0.03	0.56	0.44	0.44	0.37	0.36	0.49	0.49	-0.07	-12.5%
NC_1538	10	4389	0.53	0.51	0.05	0.52	0.49	0.52	0.26	0.11	0.29	0.52	0.00	0.0%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_1	270	4717	82.38	81.39	7.03	83.88	14.99	31.53	31.48	79.33	81.37	84.43	78.41	84.43	0.55	1%
NC_2	120	4642	0.35	0.33	0.10	0.33	0.02	0.11	0.11	0.30	0.33	0.30	0.31	0.33	0.00	0%
NC_3	120	4645	0.16	0.15	0.06	0.18	0.08	0.13	0.09	0.13	0.18	0.18	0.16	0.18	0.00	0%
NC_4	120	4643	0.45	0.44	0.11	0.46	0.04	0.12	0.11	0.40	0.42	0.37	0.41	0.42	-0.04	-9%
NC_5	20	4449	2.75	2.69	0.24	2.70	2.66	2.54	2.87	1.90	2.31	2.70	2.27	2.87	0.17	6%
NC_6	10	4389	0.64	0.63	0.05	0.64	0.64	0.61	0.65	0.38	0.58	0.57	0.47	0.65	0.01	2%
NC_7	20	4450	0.53	0.51	0.06	0.52	0.51	0.51	0.52	0.31	0.51	0.46	0.38	0.52	0.00	0%
NC_8	120	4642	0.24	0.22	0.08	0.24	0.01	0.11	0.09	0.20	0.24	0.24	0.22	0.24	0.00	0%
NC_9	20	4449	0.84	0.85	0.10	0.86	0.76	0.87	0.85	0.57	0.76	0.86	0.66	0.87	0.01	1%
NC_10	120	4636	2.43	2.46	0.43	2.51	0.98	1.64	1.68	2.25	2.40	2.50	2.23	2.50	-0.01	0%
NC_11	20	4445	1.61	1.55	0.15	1.56	1.60	1.51	1.65	1.10	1.41	1.58	1.33	1.65	0.09	6%
NC_12	60	4578	0.29	0.29	0.07	0.32	0.26	0.30	0.27	0.22	0.34	0.31	0.27	0.34	0.02	6%
NC_13	120	4642	0.19	0.18	0.07	0.20	0.05	0.12	0.09	0.15	0.20	0.20	0.18	0.20	0.00	0%
NC_14	10	4389	0.70	0.68	0.05	0.69	0.69	0.66	0.70	0.43	0.64	0.64	0.54	0.70	0.01	1%
NC_15	120	4643	0.63	0.60	0.16	0.62	0.05	0.18	0.18	0.56	0.56	0.54	0.57	0.57	-0.05	-8%
NC_16	20	4451	0.27	0.27	0.04	0.27	0.26	0.27	0.27	0.18	0.29	0.26	0.22	0.29	0.02	7%
NC_17	120	4642	0.19	0.17	0.06	0.19	0.03	0.10	0.08	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_18	20	4451	0.67	0.65	0.07	0.66	0.66	0.66	0.68	0.50	0.66	0.69	0.59	0.69	0.03	5%
NC_19	120	4642	0.33	0.31	0.10	0.32	0.04	0.12	0.11	0.28	0.32	0.29	0.29	0.32	0.00	0%
NC_20	120	4642	0.18	0.17	0.06	0.18	0.00	0.08	0.07	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_21	45	4552	2.97	3.02	0.20	3.03	1.28	2.15	2.18	2.74	2.96	3.09	2.70	3.09	0.06	2%
NC_22	120	4645	0.22	0.21	0.08	0.24	0.14	0.19	0.15	0.18	0.25	0.24	0.21	0.25	0.01	4%
NC_23	120	4643	1.09	1.05	0.26	1.11	0.06	0.30	0.29	0.98	1.00	0.93	1.01	1.01	-0.10	-9%
NC_24	120	4642	0.52	0.48	0.16	0.50	0.25	0.34	0.30	0.45	0.50	0.52	0.48	0.52	0.02	4%
NC_25	20	4450	0.41	0.40	0.05	0.40	0.39	0.40	0.40	0.24	0.41	0.36	0.31	0.41	0.01	2%
NC_26	120	4642	0.20	0.19	0.07	0.21	0.08	0.15	0.11	0.16	0.21	0.21	0.19	0.21	0.00	0%
NC_27	10	4389	0.41	0.40	0.04	0.40	0.40	0.39	0.41	0.20	0.37	0.31	0.26	0.41	0.01	2%
NC_28	120	4642	0.40	0.38	0.13	0.42	0.35	0.38	0.37	0.32	0.42	0.42	0.37	0.42	0.00	0%
NC_29	20	4450	0.48	0.47	0.06	0.48	0.47	0.47	0.48	0.28	0.47	0.42	0.36	0.48	0.00	0%
NC_30	120	4636	4.16	4.20	0.62	4.28	0.59	1.44	1.46	4.03	4.12	3.54	3.73	4.12	-0.16	-4%
NC_31	120	4642	0.19	0.17	0.06	0.19	0.04	0.11	0.09	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_32	120	4642	0.68	0.63	0.21	0.65	0.19	0.30	0.27	0.59	0.65	0.64	0.63	0.65	0.00	0%
NC_33	120	4642	0.19	0.18	0.07	0.20	0.04	0.11	0.09	0.16	0.20	0.20	0.19	0.20	0.00	0%
NC_34	120	4641	5.76	5.80	0.97	5.96	0.62	1.88	1.89	5.39	5.64	4.83	5.23	5.64	-0.32	-5%
NC_35	120	4642	0.30	0.29	0.10	0.32	0.15	0.22	0.17	0.24	0.32	0.31	0.29	0.32	0.00	0%
NC_36	120	4643	1.22	1.09	0.37	1.09	0.45	0.67	0.69	1.07	1.07	1.21	1.15	1.21	0.12	11%
NC_37	20	4446	0.27	0.26	0.04	0.27	0.25	0.27	0.26	0.18	0.30	0.26	0.23	0.30	0.03	11%
NC_38	10	4389	0.41	0.40	0.04	0.40	0.40	0.39	0.41	0.21	0.37	0.32	0.27	0.41	0.01	2%
NC_39	120	4642	0.23	0.22	0.08	0.25	0.11	0.17	0.13	0.18	0.25	0.24	0.22	0.25	0.00	0%
NC_40	120	4641	5.77	5.85	0.94	6.02	0.56	1.80	1.81	5.42	5.69	4.91	5.24	5.69	-0.33	-5%
NC_41	20	4450	0.49	0.49	0.06	0.50	0.46	0.50	0.50	0.35	0.49	0.51	0.41	0.51	0.01	2%
NC_42	120	4642	0.36	0.33	0.12	0.35	0.25	0.30	0.28	0.30	0.35	0.39	0.35	0.39	0.04	11%
NC_43	20	4451	0.52	0.50	0.06	0.51	0.50	0.51	0.52	0.38	0.54	0.54	0.46	0.54	0.03	6%
NC_44	20	4451	0.29	0.28	0.04	0.29	0.27	0.29	0.28	0.18	0.30	0.26	0.22	0.30	0.01	3%
NC_45	20	4450	0.40	0.39	0.05	0.39	0.38	0.39	0.39	0.23	0.39	0.35	0.29	0.39	0.00	0%
NC_46	120	4642	0.21	0.20	0.07	0.22	0.05	0.12	0.10	0.17	0.22	0.22	0.20	0.22	0.00	0%
NC_47	10	4389	0.84	0.83	0.06	0.83	0.83	0.79	0.85	0.47	0.73	0.72	0.60	0.85	0.02	2%
NC_48	20	4451	0.79	0.78	0.09	0.78	0.77	0.78	0.81	0.53	0.72	0.77	0.63	0.81	0.03	4%
NC_49	120	4642	6.80	6.97	0.63	7.04	2.84	4.61	4.64	6.90	7.04	7.08	6.19	7.08	0.04	1%
NC_50	120	4642	0.22	0.20	0.07	0.22	0.02	0.11	0.09	0.18	0.22	0.22	0.21	0.22	0.00	0%
NC_51	20	4451	0.82	0.80	0.09	0.80	0.81	0.80	0.84	0.58	0.78	0.84	0.72	0.84	0.04	5%
NC_52	120	4642	0.67	0.63	0.21	0.68	0.53	0.58	0.56	0.55	0.68	0.69	0.61	0.69	0.01	1%
NC_53	120	4642	1.04	0.94	0.33	0.97	0.45	0.62	0.62	0.90	0.97	1.06	0.98	1.06	0.09	9%
NC_54	20	4451	0.54	0.51	0.06	0.52	0.53	0.52	0.54	0.35	0.53	0.51	0.44	0.54	0.02	4%
NC_55	60	4578	0.23	0.23	0.05	0.25	0.21	0.24	0.22	0.17	0.27	0.25	0.21	0.27	0.02	8%
NC_56	20	4450	0.32	0.32	0.04	0.32	0.31	0.31	0.32	0.18	0.32	0.27	0.23	0.32	0.00	0%
NC_57	20	4446	0.36	0.35	0.05	0.36	0.34	0.37	0.35	0.27	0.41	0.38	0.33	0.41	0.05	14%
NC_58	120	4642	6.80	7.01	0.63	7.05	2.78	4.58	4.61	6.89	7.05	7.10	6.23	7.10	0.05	1%
NC_59	20	4450	0.44	0.43	0.05	0.43	0.42	0.43	0.43	0.26	0.44	0.39	0.33	0.44	0.01	2%
NC_60	20	4450	0.31	0.30	0.04	0.30	0.29	0.30	0.30	0.18	0.31	0.27	0.23	0.31	0.01	3%
NC_61	120	4645	0.28	0.26	0.10	0.29	0.21	0.25	0.22	0.21	0.31	0.29	0.26	0.31	0.02	7%
NC_62	20	4450	3.72	3.77	0.31	3.82	3.20	3.73	3.82	2.70	3.08	3.78	3.03	3.82	0.00	0%
NC_63	20	4450	0.34	0.33	0.04	0.34	0.33	0.33	0.34	0.19	0.33	0.29	0.24	0.34	0.00	0%
NC_64	45	4551	0.78	0.79	0.10	0.83	0.58	0.72	0.71	0.67	0.70	0.87	0.72	0.87	0.04	5%
NC_65	10	4389	0.54	0.52	0.05	0.52	0.52	0.50	0.53	0.26	0.46	0.40	0.33	0.53	0.01	2%
NC_66	20	4450	0.37	0.36	0.04	0.37	0.36	0.35	0.37	0.20	0.35	0.30	0.25	0.37	0.00	0%
NC_67	120	4642	0.95	0.87	0.28	0.89	0.80	0.92	0.91	0.83	0.89	1.04	0.87	1.04	0.15	17%
NC_68	10	4389	0.39	0.38	0.04	0.38	0.38	0.37	0.39	0.19	0.35	0.30	0.25	0.39	0.01	3%
NC_69	45	4551	1.07	1.10	0.13	1.13	0.73	1.00	1.00	0.92	0.97	1.13	0.93	1.13	0.00	0%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_70	20	4451	0.30	0.29	0.04	0.29	0.28	0.29	0.29	0.18	0.31	0.27	0.23	0.31	0.02	7%
NC_71	20	4451	0.28	0.27	0.04	0.28	0.26	0.28	0.27	0.18	0.29	0.26	0.22	0.29	0.01	4%
NC_72	20	4451	0.30	0.30	0.04	0.30	0.29	0.30	0.30	0.18	0.31	0.28	0.23	0.31	0.01	3%
NC_73	20	4450	0.59	0.60	0.08	0.60	0.56	0.61	0.60	0.45	0.59	0.63	0.52	0.63	0.03	5%
NC_74	120	4645	0.20	0.19	0.07	0.21	0.09	0.15	0.11	0.16	0.22	0.21	0.19	0.22	0.01	5%
NC_75	45	4553	4.24	4.29	0.52	4.43	3.51	4.19	4.42	3.15	3.50	4.38	3.51	4.42	-0.01	0%
NC_76	20	4449	0.86	0.83	0.09	0.84	0.85	0.82	0.89	0.61	0.80	0.88	0.76	0.89	0.05	6%
NC_77	120	4642	1.01	0.93	0.29	0.95	0.89	0.95	1.01	0.87	0.95	1.08	1.03	1.08	0.13	14%
NC_78	20	4449	0.27	0.26	0.04	0.26	0.26	0.28	0.26	0.20	0.30	0.30	0.25	0.30	0.04	15%
NC_79	20	4450	0.40	0.39	0.05	0.39	0.38	0.39	0.39	0.24	0.40	0.35	0.30	0.40	0.01	3%
NC_80	120	4642	0.68	0.63	0.21	0.67	0.41	0.49	0.45	0.57	0.67	0.70	0.64	0.70	0.03	4%
NC_81	25	4489	0.49	0.46	0.07	0.47	0.42	0.50	0.47	0.37	0.48	0.54	0.43	0.54	0.07	15%
NC_82	45	4551	1.39	1.43	0.19	1.49	0.94	1.25	1.30	1.16	1.17	1.50	1.22	1.50	0.01	1%
NC_83	10	4389	0.48	0.46	0.04	0.47	0.47	0.44	0.48	0.22	0.41	0.35	0.28	0.48	0.01	2%
NC_84	20	4451	0.36	0.35	0.05	0.36	0.34	0.36	0.35	0.23	0.38	0.34	0.29	0.38	0.02	6%
NC_85	120	4645	0.22	0.20	0.08	0.23	0.16	0.20	0.17	0.17	0.25	0.23	0.21	0.25	0.02	9%
NC_86	20	4449	1.69	1.64	0.15	1.65	1.65	1.59	1.76	1.02	1.38	1.55	1.31	1.76	0.11	7%
NC_87	10	4389	0.59	0.57	0.05	0.58	0.58	0.55	0.59	0.29	0.51	0.44	0.37	0.59	0.01	2%
NC_88	60	4581	1.06	1.05	0.23	1.06	0.91	0.90	0.92	0.87	1.07	1.18	1.07	1.18	0.12	11%
NC_89	120	4642	0.18	0.16	0.06	0.18	0.01	0.09	0.07	0.14	0.18	0.18	0.17	0.18	0.00	0%
NC_90	45	4553	1.98	2.03	0.26	2.13	1.82	1.89	2.06	1.59	1.77	2.12	1.91	2.12	-0.01	0%
NC_91	20	4451	0.28	0.27	0.04	0.28	0.26	0.28	0.27	0.18	0.30	0.26	0.22	0.30	0.02	7%
NC_92	60	4578	0.23	0.23	0.06	0.25	0.19	0.23	0.20	0.17	0.27	0.25	0.21	0.27	0.02	8%
NC_93	120	4642	0.43	0.40	0.14	0.44	0.28	0.34	0.30	0.35	0.44	0.44	0.39	0.44	0.00	0%
NC_94	20	4451	0.66	0.64	0.07	0.64	0.65	0.64	0.67	0.42	0.63	0.62	0.52	0.67	0.03	5%
NC_95	20	4451	0.56	0.54	0.06	0.54	0.55	0.54	0.56	0.36	0.54	0.54	0.45	0.56	0.02	4%
NC_96	25	4489	0.76	0.72	0.11	0.73	0.68	0.77	0.75	0.58	0.74	0.84	0.68	0.84	0.11	15%
NC_97	20	4446	0.28	0.27	0.04	0.28	0.26	0.28	0.27	0.18	0.30	0.27	0.23	0.30	0.02	7%
NC_98	20	4451	0.86	0.86	0.10	0.87	0.83	0.87	0.89	0.61	0.80	0.88	0.72	0.89	0.02	2%
NC_99	20	4449	2.05	1.99	0.19	2.02	2.00	1.95	2.13	1.27	1.65	1.92	1.55	2.13	0.11	5%
NC_100	20	4446	0.29	0.29	0.04	0.29	0.27	0.30	0.28	0.21	0.34	0.30	0.26	0.34	0.05	17%
NC_101	20	4451	0.76	0.72	0.08	0.73	0.74	0.73	0.75	0.53	0.76	0.77	0.65	0.77	0.04	5%
NC_102	120	4643	6.93	7.18	0.65	7.30	2.71	4.56	4.58	6.96	7.37	7.31	6.45	7.37	0.07	1%
NC_103	20	4450	0.32	0.32	0.04	0.32	0.31	0.32	0.32	0.19	0.32	0.28	0.24	0.32	0.00	0%
NC_104	120	4642	0.19	0.18	0.07	0.20	0.07	0.13	0.10	0.16	0.20	0.20	0.18	0.20	0.00	0%
NC_105	60	4581	2.15	2.11	0.45	2.14	2.05	1.97	2.12	1.73	2.13	2.40	2.13	2.40	0.26	12%
NC_106	20	4450	0.32	0.31	0.04	0.31	0.30	0.31	0.31	0.18	0.31	0.27	0.23	0.31	0.00	0%
NC_107	120	4642	0.37	0.35	0.12	0.38	0.29	0.34	0.31	0.31	0.38	0.41	0.35	0.41	0.03	8%
NC_108	20	4446	0.33	0.32	0.04	0.33	0.31	0.33	0.32	0.23	0.36	0.33	0.28	0.36	0.03	9%
NC_109	20	4449	3.83	3.81	0.37	3.92	3.44	3.62	4.06	2.47	2.99	3.68	2.95	4.06	0.14	4%
NC_110	20	4450	0.35	0.34	0.04	0.34	0.33	0.34	0.34	0.19	0.34	0.29	0.24	0.34	0.00	0%
NC_111	10	4389	0.38	0.37	0.04	0.37	0.37	0.36	0.38	0.19	0.34	0.29	0.24	0.38	0.01	3%
NC_112	120	4642	0.35	0.33	0.10	0.33	0.02	0.12	0.11	0.30	0.33	0.30	0.30	0.33	0.00	0%
NC_113	20	4450	0.46	0.45	0.05	0.46	0.45	0.44	0.46	0.25	0.43	0.38	0.32	0.46	0.00	0%
NC_114	20	4451	0.33	0.33	0.04	0.33	0.31	0.33	0.32	0.21	0.34	0.31	0.26	0.34	0.01	3%
NC_115	120	4642	0.19	0.17	0.07	0.19	0.04	0.11	0.09	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_116	10	4389	1.05	1.04	0.05	1.05	1.05	0.99	1.08	0.73	0.94	1.06	0.90	1.08	0.03	3%
NC_117	20	4451	0.61	0.59	0.07	0.59	0.60	0.59	0.62	0.38	0.58	0.56	0.47	0.62	0.03	5%
NC_118	120	4642	0.21	0.20	0.07	0.22	0.07	0.14	0.11	0.17	0.22	0.22	0.20	0.22	0.00	0%
NC_119	60	4581	2.36	2.30	0.49	2.39	2.20	2.13	2.40	1.92	2.21	2.61	2.32	2.61	0.22	9%
NC_120	60	4579	0.47	0.48	0.10	0.52	0.43	0.47	0.44	0.37	0.53	0.51	0.45	0.53	0.01	2%
NC_121	120	4643	0.44	0.43	0.11	0.45	0.03	0.12	0.11	0.40	0.41	0.37	0.41	0.41	-0.04	-9%
NC_122	20	4451	0.30	0.29	0.04	0.29	0.28	0.29	0.29	0.18	0.31	0.27	0.23	0.31	0.02	7%
NC_123	120	4638	0.56	0.50	0.17	0.50	0.22	0.36	0.37	0.49	0.50	0.58	0.52	0.58	0.08	16%
NC_124	45	4553	9.74	9.80	1.25	10.08	7.48	9.32	10.11	6.99	7.58	9.86	7.84	10.11	0.03	0%
NC_125	10	4389	0.42	0.40	0.04	0.41	0.41	0.38	0.42	0.19	0.36	0.30	0.25	0.42	0.01	2%
NC_126	20	4451	0.55	0.55	0.07	0.56	0.53	0.56	0.57	0.35	0.51	0.53	0.42	0.57	0.01	2%
NC_127	20	4451	0.33	0.32	0.04	0.32	0.31	0.32	0.32	0.21	0.35	0.31	0.26	0.35	0.03	9%
NC_128	20	4451	0.63	0.60	0.07	0.60	0.62	0.60	0.64	0.38	0.59	0.57	0.47	0.64	0.04	7%
NC_129	120	4643	1.35	1.26	0.38	1.26	0.44	0.62	0.60	1.19	1.25	1.24	1.22	1.25	-0.01	-1%
NC_130	20	4451	0.32	0.32	0.04	0.32	0.31	0.32	0.32	0.19	0.33	0.29	0.25	0.33	0.01	3%
NC_131	120	4643	0.60	0.57	0.15	0.60	0.04	0.16	0.15	0.54	0.55	0.51	0.55	0.55	-0.05	-8%
NC_132	20	4446	0.26	0.25	0.04	0.26	0.24	0.26	0.25	0.17	0.29	0.25	0.22	0.29	0.03	12%
NC_133	20	4449	0.86	0.83	0.09	0.83	0.84	0.83	0.87	0.59	0.79	0.86	0.73	0.87	0.04	5%
NC_134	20	4450	0.35	0.34	0.04	0.34	0.33	0.34	0.34	0.20	0.34	0.30	0.25	0.34	0.00	0%
NC_135	120	4643	0.44	0.43	0.11	0.45	0.01	0.12	0.11	0.40	0.40	0.37	0.41	0.41	-0.04	-9%
NC_136	20	4450	0.35	0.34	0.04	0.34	0.33	0.33	0.34	0.18	0.33	0.28	0.23	0.34	0.00	0%
NC_137	120	4642	0.18	0.17	0.06	0.19	0.04	0.11	0.09	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_138	45	4553	3.45	3.56	0.55	3.79	2.77	3.18	3.55	2.79	2.94	3.71	3.31	3.71	-0.08	-2%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_139	120	4642	0.34	0.32	0.10	0.32	0.02	0.12	0.12	0.30	0.32	0.31	0.31	0.32	0.00	0%
NC_140	20	4451	0.63	0.60	0.07	0.61	0.62	0.61	0.64	0.39	0.60	0.58	0.49	0.64	0.03	5%
NC_141	10	4389	0.37	0.36	0.03	0.36	0.36	0.35	0.37	0.18	0.34	0.29	0.24	0.37	0.01	3%
NC_142	10	4389	0.78	0.77	0.06	0.77	0.77	0.71	0.79	0.38	0.62	0.59	0.48	0.79	0.02	3%
NC_143	120	4642	0.19	0.18	0.07	0.20	0.05	0.12	0.09	0.15	0.20	0.20	0.18	0.20	0.00	0%
NC_144	20	4451	0.29	0.28	0.04	0.28	0.27	0.28	0.28	0.18	0.30	0.27	0.23	0.30	0.02	7%
NC_145	120	4645	0.26	0.24	0.09	0.27	0.20	0.24	0.21	0.20	0.30	0.28	0.24	0.30	0.03	11%
NC_146	45	4553	2.80	2.85	0.38	2.98	2.46	2.71	2.88	2.13	2.40	2.96	2.35	2.96	-0.02	-1%
NC_147	10	4389	0.77	0.76	0.06	0.76	0.76	0.73	0.78	0.43	0.68	0.66	0.55	0.78	0.02	3%
NC_148	20	4450	1.49	1.51	0.15	1.54	1.26	1.48	1.54	1.04	1.20	1.53	1.19	1.54	0.00	0%
NC_149	20	4450	0.38	0.37	0.05	0.38	0.37	0.37	0.38	0.21	0.36	0.32	0.26	0.38	0.00	0%
NC_150	20	4450	0.33	0.32	0.04	0.33	0.32	0.32	0.33	0.18	0.32	0.28	0.23	0.33	0.00	0%
NC_151	20	4445	0.61	0.58	0.06	0.59	0.61	0.58	0.62	0.40	0.57	0.60	0.51	0.62	0.03	5%
NC_152	120	4640	7.60	7.64	0.78	7.66	0.23	0.67	0.67	7.66	7.61	6.00	7.60	7.66	0.00	0%
NC_153	120	4642	0.20	0.18	0.07	0.20	0.01	0.09	0.08	0.16	0.20	0.20	0.19	0.20	0.00	0%
NC_154	45	4553	3.30	3.43	0.40	3.48	1.73	2.73	2.81	2.67	2.61	3.46	2.73	3.46	-0.02	-1%
NC_155	10	4389	1.12	1.10	0.06	1.11	1.11	1.02	1.12	0.67	0.94	1.00	0.85	1.12	0.01	1%
NC_156	120	4643	1.78	1.64	0.49	1.68	0.49	0.75	0.76	1.57	1.59	1.63	1.62	1.63	-0.05	-3%
NC_157	20	4445	1.42	1.38	0.12	1.38	1.41	1.31	1.47	0.88	1.13	1.33	1.12	1.47	0.09	7%
NC_158	120	4640	7.51	7.56	0.74	7.58	0.35	0.64	0.64	7.58	7.53	5.94	7.63	7.63	0.05	1%
NC_159	20	4450	0.38	0.37	0.04	0.38	0.37	0.36	0.38	0.19	0.35	0.30	0.25	0.38	0.00	0%
NC_160	20	4450	0.41	0.40	0.05	0.40	0.39	0.39	0.40	0.23	0.40	0.35	0.30	0.40	0.00	0%
NC_161	20	4450	0.34	0.33	0.04	0.33	0.32	0.32	0.33	0.18	0.32	0.28	0.23	0.33	0.00	0%
NC_162	20	4451	0.28	0.27	0.04	0.28	0.26	0.28	0.27	0.18	0.30	0.26	0.22	0.30	0.02	7%
NC_163	20	4450	0.34	0.33	0.04	0.34	0.33	0.33	0.34	0.19	0.33	0.29	0.24	0.34	0.00	0%
NC_164	20	4451	0.73	0.70	0.08	0.71	0.72	0.71	0.74	0.45	0.68	0.67	0.56	0.74	0.03	4%
NC_165	20	4450	0.35	0.34	0.04	0.35	0.34	0.34	0.35	0.18	0.33	0.28	0.24	0.35	0.00	0%
NC_166	20	4446	0.38	0.36	0.04	0.37	0.37	0.36	0.38	0.21	0.36	0.33	0.28	0.38	0.01	3%
NC_167	45	4553	3.34	3.41	0.47	3.57	2.84	3.16	3.44	2.52	2.78	3.50	2.78	3.50	-0.07	-2%
NC_168	45	4553	5.18	5.30	0.80	5.63	4.03	4.93	5.32	4.09	4.37	5.54	4.88	5.54	-0.09	-2%
NC_169	20	4446	0.59	0.58	0.07	0.59	0.58	0.56	0.59	0.32	0.55	0.49	0.41	0.59	0.00	0%
NC_170	20	4451	0.34	0.33	0.04	0.34	0.32	0.34	0.33	0.22	0.36	0.32	0.28	0.36	0.02	6%
NC_171	120	4643	2.70	2.53	0.72	2.61	0.91	1.19	1.22	2.40	2.42	2.42	2.45	2.45	-0.16	-6%
NC_172	45	4553	3.90	4.02	0.57	4.28	3.36	3.59	4.04	3.12	3.38	4.21	3.72	4.21	-0.07	-2%
NC_173	20	4451	0.54	0.52	0.06	0.53	0.53	0.53	0.54	0.37	0.54	0.54	0.46	0.54	0.01	2%
NC_174	20	4449	1.04	1.03	0.11	1.06	0.97	1.01	1.07	0.77	0.94	1.11	0.93	1.11	0.05	5%
NC_175	20	4445	1.02	0.98	0.10	0.98	1.01	0.97	1.05	0.65	0.89	0.96	0.80	1.05	0.07	7%
NC_176	120	4636	1.75	1.75	0.17	1.76	0.33	0.76	0.76	1.75	1.75	1.58	1.55	1.75	-0.01	-1%
NC_177	10	4389	0.41	0.39	0.04	0.40	0.40	0.38	0.41	0.20	0.37	0.31	0.26	0.41	0.01	2%
NC_178	10	4389	0.66	0.65	0.05	0.66	0.66	0.62	0.67	0.36	0.58	0.56	0.46	0.67	0.01	2%
NC_179	120	4643	0.80	0.78	0.21	0.79	0.30	0.40	0.36	0.71	0.77	0.67	0.71	0.77	-0.02	-3%
NC_180	20	4450	0.38	0.37	0.05	0.38	0.37	0.37	0.38	0.21	0.37	0.32	0.27	0.38	0.00	0%
NC_181	120	4640	1.85	1.88	0.15	1.91	0.66	0.72	0.72	1.91	2.03	1.68	1.68	2.03	0.12	6%
NC_182	20	4451	0.40	0.39	0.05	0.40	0.38	0.40	0.39	0.26	0.42	0.38	0.32	0.42	0.02	5%
NC_183	20	4450	0.35	0.34	0.04	0.35	0.34	0.33	0.35	0.18	0.33	0.28	0.24	0.35	0.00	0%
NC_184	20	4450	0.35	0.34	0.04	0.34	0.34	0.34	0.34	0.20	0.34	0.30	0.25	0.34	0.00	0%
NC_185	20	4451	0.58	0.56	0.06	0.56	0.57	0.56	0.59	0.37	0.56	0.55	0.46	0.59	0.03	5%
NC_186	120	4642	0.21	0.19	0.07	0.21	0.00	0.09	0.08	0.17	0.21	0.21	0.20	0.21	0.00	0%
NC_187	20	4450	0.35	0.35	0.04	0.35	0.34	0.34	0.35	0.19	0.33	0.29	0.24	0.35	0.00	0%
NC_188	10	4389	0.83	0.82	0.06	0.82	0.82	0.77	0.84	0.44	0.70	0.68	0.56	0.84	0.02	2%
NC_189	120	4642	0.19	0.18	0.07	0.20	0.07	0.13	0.10	0.15	0.20	0.20	0.19	0.20	0.00	0%
NC_190	45	4553	3.62	3.69	0.26	3.70	1.84	2.82	2.78	2.84	3.19	3.64	2.89	3.64	-0.06	-2%
NC_191	20	4450	0.41	0.40	0.05	0.40	0.39	0.39	0.40	0.22	0.38	0.34	0.28	0.40	0.00	0%
NC_192	45	4553	5.66	5.78	0.86	6.12	4.34	5.43	5.81	4.44	4.75	6.03	5.29	6.03	-0.09	-1%
NC_193	120	4643	7.69	7.86	0.52	7.87	2.18	4.01	4.02	7.84	8.07	7.96	7.44	8.07	0.20	3%
NC_194	120	4643	0.59	0.58	0.15	0.59	0.15	0.25	0.22	0.53	0.56	0.49	0.54	0.56	-0.03	-5%
NC_195	20	4446	0.36	0.36	0.05	0.36	0.34	0.36	0.35	0.25	0.39	0.36	0.30	0.39	0.03	8%
NC_196	120	4642	0.35	0.32	0.11	0.33	0.07	0.18	0.18	0.31	0.33	0.35	0.32	0.35	0.02	6%
NC_197	120	4645	0.22	0.21	0.08	0.24	0.14	0.19	0.16	0.18	0.25	0.24	0.21	0.25	0.01	4%
NC_198	20	4450	0.35	0.34	0.04	0.34	0.33	0.33	0.34	0.19	0.33	0.29	0.24	0.34	0.00	0%
NC_199	10	4389	0.85	0.84	0.05	0.84	0.84	0.79	0.86	0.49	0.72	0.75	0.62	0.86	0.02	2%
NC_200	20	4445	1.37	1.32	0.14	1.33	1.37	1.31	1.42	0.84	1.19	1.26	1.05	1.42	0.09	7%
NC_201	120	4642	0.28	0.26	0.09	0.28	0.01	0.12	0.11	0.24	0.28	0.27	0.26	0.28	0.00	0%
NC_202	20	4451	0.77	0.74	0.08	0.74	0.76	0.74	0.79	0.53	0.72	0.78	0.66	0.79	0.05	7%
NC_203	20	4450	0.54	0.55	0.07	0.55	0.50	0.56	0.55	0.40	0.53	0.57	0.47	0.57	0.02	4%
NC_204	120	4642	0.21	0.19	0.07	0.21	0.03	0.11	0.09	0.17	0.21	0.21	0.20	0.21	0.00	0%
NC_205	45	4553	3.51	3.59	0.51	3.77	2.86	3.27	3.63	2.66	2.85	3.68	2.96	3.68	-0.09	-2%
NC_206	120	4642	0.39	0.35	0.12	0.35	0.00	0.13	0.12	0.33	0.35	0.37	0.36	0.37	0.02	6%
NC_207	20	4449	1.56	1.52	0.14	1.54	1.52	1.47	1.62	0.99	1.30	1.49	1.23	1.62	0.08	5%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_208	20	4450	0.33	0.32	0.04	0.32	0.31	0.32	0.32	0.18	0.32	0.28	0.23	0.32	0.00	0%
NC_209	120	4642	0.18	0.16	0.06	0.18	0.00	0.08	0.07	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_210	45	4553	6.07	6.19	0.91	6.52	4.53	5.78	6.20	4.75	5.01	6.40	5.60	6.40	-0.12	-2%
NC_211	20	4450	0.38	0.37	0.05	0.37	0.36	0.37	0.37	0.22	0.37	0.33	0.28	0.37	0.00	0%
NC_212	120	4642	0.18	0.16	0.06	0.18	0.01	0.08	0.07	0.14	0.18	0.18	0.17	0.18	0.00	0%
NC_213	45	4553	4.57	4.70	0.43	4.73	2.00	3.43	3.51	3.75	3.88	4.70	3.84	4.70	-0.03	-1%
NC_214	120	4643	0.41	0.39	0.10	0.41	0.16	0.19	0.19	0.36	0.37	0.34	0.37	0.37	-0.04	-10%
NC_215	45	4553	3.15	3.13	0.11	3.14	1.48	2.44	2.47	3.03	3.12	3.40	2.81	3.40	0.26	8%
NC_216	120	4642	0.19	0.17	0.07	0.19	0.05	0.12	0.09	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_217	120	4642	0.32	0.29	0.09	0.30	0.01	0.10	0.09	0.28	0.30	0.27	0.28	0.30	0.00	0%
NC_218	90	4605	3.38	3.34	0.26	3.36	1.17	1.95	1.97	3.34	3.38	3.34	2.73	3.38	0.02	1%
NC_219	120	4642	0.48	0.45	0.14	0.46	0.12	0.20	0.17	0.41	0.46	0.43	0.43	0.46	0.00	0%
NC_220	20	4449	1.12	1.10	0.12	1.11	1.09	1.09	1.16	0.77	0.99	1.13	0.95	1.16	0.05	5%
NC_221	20	4451	0.31	0.30	0.04	0.30	0.29	0.30	0.30	0.19	0.32	0.28	0.24	0.32	0.02	7%
NC_222	20	4446	0.28	0.28	0.04	0.28	0.26	0.28	0.27	0.18	0.30	0.27	0.23	0.30	0.02	7%
NC_223	20	4450	0.42	0.41	0.05	0.42	0.41	0.40	0.42	0.23	0.40	0.35	0.29	0.42	0.00	0%
NC_224	20	4450	0.32	0.32	0.04	0.32	0.31	0.32	0.32	0.19	0.33	0.29	0.24	0.33	0.01	3%
NC_225	45	4552	3.32	3.39	0.32	3.42	1.45	2.48	2.56	2.71	2.70	3.46	2.83	3.46	0.04	1%
NC_226	20	4449	1.76	1.73	0.17	1.78	1.62	1.66	1.84	1.17	1.43	1.73	1.41	1.84	0.06	3%
NC_227	120	4638	1.91	1.93	0.16	1.94	0.92	0.86	0.94	2.03	2.13	1.75	1.75	2.13	0.19	10%
NC_228	60	4578	0.25	0.25	0.06	0.27	0.21	0.25	0.22	0.18	0.29	0.26	0.23	0.29	0.02	7%
NC_229	120	4640	7.87	7.95	0.40	7.96	2.14	3.97	3.97	7.96	8.17	8.03	7.55	8.17	0.21	3%
NC_230	120	4642	0.20	0.19	0.07	0.21	0.06	0.13	0.10	0.16	0.21	0.21	0.19	0.21	0.00	0%
NC_231	20	4450	0.51	0.50	0.06	0.52	0.49	0.52	0.52	0.41	0.54	0.55	0.47	0.55	0.03	6%
NC_232	45	4553	6.22	6.35	0.92	6.65	4.53	5.84	6.30	4.87	5.06	6.53	5.68	6.53	-0.12	-2%
NC_233	120	4642	0.19	0.17	0.07	0.19	0.04	0.11	0.09	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_234	45	4553	4.87	5.01	0.43	5.02	2.01	3.56	3.62	4.03	4.19	5.02	4.13	5.02	0.00	0%
NC_235	20	4450	0.35	0.35	0.04	0.35	0.34	0.34	0.35	0.20	0.34	0.30	0.25	0.35	0.00	0%
NC_236	120	4643	0.61	0.55	0.18	0.55	0.00	0.18	0.17	0.53	0.53	0.56	0.57	0.57	0.02	4%
NC_237	90	4605	3.52	3.47	0.27	3.49	1.13	1.97	1.98	3.45	3.53	3.46	2.84	3.53	0.04	1%
NC_238	45	4554	16.62	16.84	1.56	16.99	7.87	12.90	13.26	13.29	13.46	17.12	13.75	17.12	0.13	1%
NC_239	120	4641	3.53	3.60	0.65	3.75	0.78	1.10	1.11	3.01	3.44	3.07	2.28	3.44	-0.31	-8%
NC_240	120	4638	4.77	4.87	0.85	4.89	1.53	3.00	3.04	4.46	4.73	5.13	4.48	5.13	0.24	5%
NC_241	120	4645	0.28	0.26	0.10	0.30	0.19	0.24	0.20	0.22	0.31	0.30	0.27	0.31	0.01	3%
NC_242	120	4642	0.21	0.20	0.07	0.22	0.06	0.13	0.10	0.17	0.22	0.22	0.20	0.22	0.00	0%
NC_243	120	4642	1.24	1.19	0.33	1.22	1.01	1.09	1.10	1.06	1.22	1.28	1.11	1.28	0.06	5%
NC_244	45	4552	16.84	17.16	1.75	17.37	8.42	13.46	13.91	13.22	13.22	17.23	13.85	17.23	-0.14	-1%
NC_245	120	4643	1.04	0.98	0.28	1.01	0.00	0.26	0.26	0.93	0.92	0.91	0.97	0.97	-0.04	-4%
NC_246	20	4450	0.39	0.38	0.05	0.39	0.38	0.37	0.39	0.20	0.36	0.31	0.26	0.39	0.00	0%
NC_247	20	4451	0.31	0.30	0.04	0.31	0.29	0.31	0.30	0.19	0.32	0.29	0.24	0.32	0.01	3%
NC_248	120	4643	0.50	0.50	0.10	0.53	0.09	0.20	0.20	0.45	0.48	0.42	0.47	0.48	-0.05	-9%
NC_249	120	4642	0.72	0.68	0.20	0.69	0.44	0.51	0.48	0.64	0.69	0.67	0.64	0.69	0.00	0%
NC_250	120	4642	0.18	0.16	0.06	0.18	0.01	0.08	0.07	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_251	120	4642	0.18	0.16	0.06	0.17	0.00	0.08	0.07	0.14	0.17	0.18	0.17	0.18	0.01	6%
NC_252	90	4605	3.59	3.55	0.28	3.57	1.11	1.98	1.99	3.52	3.62	3.54	2.90	3.62	0.05	1%
NC_253	120	4642	0.86	0.86	0.20	0.86	0.59	0.71	0.66	0.75	0.86	0.81	0.76	0.86	0.00	0%
NC_254	120	4642	0.18	0.16	0.06	0.17	0.00	0.08	0.07	0.14	0.17	0.18	0.17	0.18	0.01	6%
NC_255	120	4642	0.32	0.29	0.10	0.31	0.00	0.12	0.11	0.26	0.31	0.30	0.29	0.31	0.00	0%
NC_256	120	4642	0.19	0.18	0.07	0.19	0.03	0.11	0.09	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_257	120	4642	0.37	0.33	0.12	0.34	0.07	0.16	0.15	0.31	0.34	0.36	0.35	0.36	0.02	6%
NC_258	90	4602	3.64	3.63	0.11	3.63	1.41	2.38	2.40	3.67	3.64	3.81	3.17	3.81	0.18	5%
NC_259	120	4642	0.21	0.20	0.07	0.22	0.06	0.13	0.10	0.17	0.22	0.22	0.20	0.22	0.00	0%
NC_260	120	4643	9.00	8.98	1.95	9.47	5.61	7.73	8.20	7.29	8.50	8.84	7.72	8.84	-0.63	-7%
NC_261	10	4389	0.39	0.38	0.04	0.38	0.38	0.36	0.39	0.19	0.34	0.29	0.24	0.39	0.01	3%
NC_262	20	4449	2.54	2.51	0.25	2.57	2.30	2.36	2.68	1.85	2.17	2.64	2.26	2.68	0.11	4%
NC_263	270	4717	82.05	80.98	7.18	83.50	15.02	31.57	31.53	79.32	81.37	84.17	78.36	84.17	0.67	1%
NC_264	120	4642	0.18	0.17	0.06	0.18	0.01	0.09	0.08	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_265	20	4450	0.49	0.48	0.06	0.48	0.47	0.47	0.48	0.28	0.47	0.41	0.35	0.48	0.00	0%
NC_266	25	4489	0.69	0.66	0.10	0.66	0.62	0.71	0.68	0.52	0.67	0.76	0.61	0.76	0.10	15%
NC_267	120	4642	0.37	0.35	0.10	0.35	0.00	0.11	0.10	0.33	0.35	0.31	0.33	0.35	0.00	0%
NC_268	180	4676	10.57	10.48	1.64	10.63	2.21	3.49	3.59	10.47	10.64	8.54	11.69	11.69	1.06	10%
NC_269	120	4642	0.31	0.29	0.09	0.29	0.00	0.09	0.09	0.27	0.29	0.27	0.28	0.29	0.00	0%
NC_270	45	4553	0.89	0.93	0.09	0.94	0.32	0.61	0.63	0.78	0.77	0.95	0.81	0.95	0.01	1%
NC_271	90	4605	3.76	3.76	0.08	3.77	1.36	2.32	2.34	3.82	3.85	3.89	3.27	3.89	0.12	3%
NC_272	180	4677	7.89	8.04	0.46	8.13	2.12	3.95	3.95	7.97	8.17	8.21	7.56	8.21	0.08	1%
NC_273	120	4643	0.36	0.34	0.10	0.34	0.00	0.10	0.09	0.32	0.34	0.30	0.32	0.34	0.00	0%
NC_274	90	4605	3.97	3.92	0.34	3.92	1.10	2.09	2.10	3.86	4.00	3.85	3.13	4.00	0.08	2%
NC_275	120	4643	9.06	9.09	1.93	9.58	5.58	7.77	8.24	7.36	8.59	8.95	7.84	8.95	-0.63	-7%
NC_276	20	4446	0.26	0.25	0.04	0.26	0.24	0.26	0.25	0.17	0.28	0.25	0.22	0.28	0.02	8%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_277	120	4643	0.94	0.97	0.19	0.98	0.26	0.56	0.56	0.87	0.91	1.00	0.89	1.00	0.02	2%
NC_278	60	4578	0.24	0.24	0.06	0.27	0.22	0.25	0.23	0.18	0.29	0.26	0.22	0.29	0.02	7%
NC_279	45	4553	9.82	10.10	1.25	10.31	5.90	8.63	9.06	8.09	9.37	10.21	8.81	10.21	-0.10	-1%
NC_280	270	4717	82.03	80.95	7.20	83.47	15.04	31.59	31.55	79.34	81.38	84.16	78.35	84.16	0.69	1%
NC_281	20	4446	0.25	0.25	0.04	0.25	0.23	0.26	0.24	0.17	0.28	0.25	0.22	0.28	0.03	12%
NC_282	120	4642	0.21	0.19	0.07	0.20	0.00	0.09	0.08	0.17	0.20	0.21	0.20	0.21	0.01	5%
NC_283	20	4451	0.51	0.49	0.06	0.49	0.50	0.49	0.51	0.32	0.49	0.48	0.41	0.51	0.02	4%
NC_284	120	4641	0.94	0.96	0.18	1.00	0.06	0.27	0.27	0.86	0.92	0.80	0.89	0.92	-0.08	-8%
NC_285	45	4554	16.86	16.98	1.44	17.10	7.55	12.70	13.01	13.83	14.17	17.55	14.15	17.55	0.45	3%
NC_286	120	4642	0.18	0.16	0.06	0.17	0.00	0.08	0.07	0.14	0.17	0.18	0.17	0.18	0.01	6%
NC_287	270	4717	82.34	81.33	7.06	83.82	15.00	31.54	31.49	79.33	81.38	84.39	78.40	84.39	0.57	1%
NC_288	20	4450	0.48	0.47	0.06	0.47	0.46	0.47	0.47	0.28	0.47	0.42	0.36	0.47	0.00	0%
NC_289	45	4553	1.86	1.90	0.28	2.01	1.52	1.74	1.93	1.41	1.57	1.98	1.65	1.98	-0.03	-1%
NC_290	20	4450	0.32	0.31	0.04	0.31	0.31	0.31	0.31	0.18	0.32	0.28	0.23	0.32	0.01	3%
NC_291	20	4451	0.35	0.35	0.05	0.35	0.33	0.35	0.35	0.22	0.37	0.33	0.28	0.37	0.02	6%
NC_292	120	4642	0.43	0.41	0.12	0.43	0.06	0.17	0.15	0.37	0.43	0.37	0.38	0.43	0.00	0%
NC_293	120	4638	5.70	5.80	0.98	5.82	1.67	3.38	3.41	5.40	5.77	6.11	5.28	6.11	0.29	5%
NC_294	120	4636	1.95	1.98	0.34	2.04	0.11	0.53	0.53	1.82	1.92	1.68	1.81	1.92	-0.12	-6%
NC_295	20	4451	0.31	0.31	0.04	0.31	0.30	0.31	0.31	0.20	0.33	0.29	0.25	0.33	0.02	6%
NC_296	20	4451	0.31	0.30	0.04	0.30	0.29	0.30	0.30	0.19	0.32	0.28	0.24	0.32	0.02	7%
NC_297	60	4581	0.41	0.41	0.09	0.41	0.33	0.36	0.34	0.33	0.42	0.47	0.41	0.47	0.06	15%
NC_298	45	4553	1.88	1.94	0.27	1.97	1.20	1.65	1.78	1.47	1.47	1.97	1.61	1.97	0.00	0%
NC_299	45	4552	22.82	23.21	1.46	23.29	8.07	15.07	15.30	21.57	22.68	25.05	21.11	25.05	1.76	8%
NC_300	20	4450	0.36	0.35	0.04	0.35	0.34	0.35	0.35	0.21	0.35	0.31	0.26	0.35	0.00	0%
NC_301	20	4450	0.65	0.63	0.07	0.63	0.63	0.62	0.63	0.38	0.63	0.58	0.49	0.63	0.00	0%
NC_302	270	4717	82.04	80.95	7.21	83.44	15.09	31.66	31.62	79.39	81.44	84.17	78.39	84.17	0.73	1%
NC_303	45	4551	1.02	1.05	0.14	1.10	0.69	0.93	0.95	0.83	0.86	1.11	0.88	1.11	0.01	1%
NC_304	120	4643	0.70	0.69	0.16	0.73	0.12	0.25	0.26	0.63	0.66	0.60	0.66	0.66	-0.07	-10%
NC_305	20	4446	0.26	0.26	0.04	0.26	0.24	0.27	0.25	0.18	0.29	0.26	0.22	0.29	0.03	12%
NC_306	120	4642	2.37	2.36	0.35	2.37	0.15	0.58	0.57	2.36	2.37	2.07	2.17	2.37	0.00	0%
NC_307	120	4643	0.63	0.60	0.17	0.60	0.21	0.30	0.26	0.56	0.60	0.54	0.56	0.60	0.00	0%
NC_308	120	4642	8.08	8.26	1.24	8.37	1.56	3.75	3.76	7.90	8.37	8.32	7.30	8.37	0.00	0%
NC_309	120	4642	0.52	0.49	0.15	0.49	0.00	0.15	0.14	0.45	0.49	0.44	0.46	0.49	0.00	0%
NC_310	90	4608	4.30	4.27	0.21	4.29	1.79	2.59	2.68	4.30	4.24	4.21	3.55	4.30	0.01	0%
NC_311	45	4553	0.93	0.96	0.15	1.01	0.74	0.89	0.95	0.71	0.81	1.01	0.81	1.01	0.00	0%
NC_312	20	4445	0.60	0.57	0.06	0.58	0.60	0.57	0.61	0.36	0.56	0.54	0.45	0.61	0.03	5%
NC_313	120	4638	5.71	5.84	0.96	5.86	1.63	3.32	3.35	5.48	5.81	6.14	5.28	6.14	0.28	5%
NC_314	120	4642	0.26	0.24	0.09	0.27	0.07	0.15	0.12	0.21	0.27	0.26	0.25	0.27	0.00	0%
NC_315	10	4389	0.97	0.95	0.05	0.96	0.96	0.90	0.98	0.61	0.86	0.91	0.77	0.98	0.02	2%
NC_316	120	4640	2.58	2.61	0.36	2.63	0.28	0.61	0.60	2.63	2.60	2.26	2.34	2.63	0.00	0%
NC_317	20	4451	0.30	0.30	0.04	0.30	0.29	0.30	0.30	0.18	0.31	0.27	0.23	0.31	0.01	3%
NC_318	180	4669	76.85	76.67	6.55	78.94	15.07	31.41	31.37	77.61	79.39	78.94	74.70	79.39	0.45	1%
NC_319	20	4450	0.35	0.34	0.04	0.35	0.34	0.34	0.35	0.19	0.33	0.29	0.24	0.35	0.00	0%
NC_320	120	4641	2.67	2.72	0.36	2.74	0.37	0.62	0.61	2.74	2.71	2.35	2.42	2.74	0.00	0%
NC_321	20	4450	0.38	0.37	0.05	0.37	0.36	0.36	0.37	0.21	0.37	0.32	0.27	0.37	0.00	0%
NC_322	120	4642	0.19	0.18	0.07	0.19	0.04	0.11	0.09	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_323	20	4451	0.68	0.66	0.08	0.66	0.65	0.66	0.67	0.46	0.69	0.65	0.56	0.69	0.03	5%
NC_324	120	4641	4.36	4.37	0.73	4.43	0.68	1.21	1.21	4.24	4.32	3.62	3.87	4.32	-0.11	-2%
NC_325	120	4643	11.31	11.45	0.27	11.45	2.86	5.19	5.19	11.45	11.58	10.99	10.44	11.58	0.13	1%
NC_326	120	4641	4.50	4.52	0.69	4.55	0.65	1.19	1.20	4.39	4.50	3.79	4.00	4.50	-0.05	-1%
NC_327	120	4642	0.32	0.31	0.10	0.32	0.10	0.17	0.13	0.27	0.32	0.30	0.29	0.32	0.00	0%
NC_328	20	4446	0.29	0.28	0.04	0.28	0.27	0.28	0.28	0.18	0.30	0.27	0.23	0.30	0.02	7%
NC_329	20	4450	0.35	0.34	0.04	0.34	0.33	0.34	0.34	0.21	0.35	0.31	0.26	0.35	0.01	3%
NC_330	20	4451	0.30	0.30	0.04	0.30	0.29	0.30	0.29	0.18	0.31	0.27	0.23	0.31	0.01	3%
NC_331	120	4638	6.11	6.28	0.99	6.28	1.62	3.39	3.41	6.00	6.28	6.54	5.63	6.54	0.26	4%
NC_332	10	4389	0.98	0.96	0.07	0.97	0.97	0.93	0.99	0.66	0.90	0.94	0.81	0.99	0.02	2%
NC_333	45	4553	2.21	2.31	0.32	2.40	1.36	1.93	2.04	1.79	1.78	2.37	1.91	2.37	-0.03	-1%
NC_334	20	4451	0.30	0.30	0.04	0.30	0.29	0.30	0.30	0.19	0.32	0.28	0.24	0.32	0.02	7%
NC_335	120	4642	0.18	0.16	0.06	0.18	0.01	0.08	0.07	0.14	0.18	0.18	0.17	0.18	0.00	0%
NC_336	120	4642	0.18	0.16	0.06	0.18	0.01	0.08	0.07	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_337	20	4450	0.42	0.40	0.05	0.41	0.40	0.40	0.41	0.23	0.40	0.35	0.30	0.41	0.00	0%
NC_338	120	4642	0.20	0.19	0.07	0.20	0.01	0.09	0.08	0.17	0.20	0.20	0.19	0.20	0.00	0%
NC_339	45	4553	0.59	0.60	0.08	0.63	0.54	0.56	0.61	0.44	0.54	0.63	0.53	0.63	0.00	0%
NC_340	120	4645	0.21	0.19	0.07	0.22	0.12	0.17	0.13	0.16	0.23	0.22	0.20	0.23	0.01	5%
NC_341	120	4643	11.27	11.41	0.30	11.41	2.85	5.19	5.19	11.41	11.54	11.00	10.42	11.54	0.13	1%
NC_342	20	4449	1.79	1.73	0.17	1.73	1.77	1.70	1.84	1.19	1.57	1.75	1.49	1.84	0.11	6%
NC_343	120	4642	0.41	0.37	0.13	0.39	0.08	0.18	0.17	0.35	0.39	0.41	0.39	0.41	0.02	5%
NC_344	20	4451	0.60	0.58	0.07	0.58	0.60	0.58	0.61	0.38	0.58	0.57	0.48	0.61	0.03	5%
NC_345	120	4642	0.18	0.16	0.06	0.17	0.00	0.08	0.07	0.14	0.17	0.18	0.17	0.18	0.01	6%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min		m^3/s	%
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740			
NC_346	20	4445	1.68	1.61	0.16	1.61	1.66	1.57	1.72	1.13	1.53	1.67	1.42	1.72	0.11	7%
NC_347	20	4450	0.34	0.33	0.04	0.34	0.33	0.33	0.34	0.19	0.33	0.28	0.24	0.34	0.00	0%
NC_348	120	4643	0.33	0.30	0.09	0.31	0.01	0.09	0.09	0.29	0.30	0.28	0.29	0.30	-0.01	-3%
NC_349	120	4643	0.47	0.46	0.12	0.47	0.08	0.18	0.16	0.41	0.46	0.38	0.42	0.46	-0.01	-2%
NC_350	120	4636	4.74	4.75	0.67	4.77	0.88	1.34	1.37	4.68	4.73	4.01	4.21	4.73	-0.04	-1%
NC_351	120	4642	0.31	0.29	0.09	0.30	0.06	0.13	0.11	0.27	0.30	0.28	0.28	0.30	0.00	0%
NC_352	120	4643	0.57	0.57	0.12	0.60	0.14	0.23	0.20	0.51	0.55	0.46	0.53	0.55	-0.05	-8%
NC_353	20	4450	0.54	0.55	0.07	0.55	0.51	0.56	0.55	0.38	0.53	0.56	0.45	0.56	0.01	2%
NC_354	120	4642	8.01	8.19	1.24	8.30	1.57	3.76	3.77	7.80	8.30	8.24	7.23	8.30	0.00	0%
NC_355	180	4669	76.85	76.66	6.55	78.92	15.07	31.42	31.38	77.61	79.39	78.92	74.70	79.39	0.47	1%
NC_356	120	4636	5.21	5.20	0.45	5.26	1.19	1.99	2.07	5.13	5.11	4.64	4.09	5.13	-0.13	-2%
NC_357	20	4450	0.37	0.36	0.04	0.37	0.36	0.36	0.37	0.20	0.35	0.31	0.26	0.37	0.00	0%
NC_358	120	4643	2.31	2.20	0.59	2.28	0.07	0.61	0.60	2.08	2.06	2.03	2.19	2.19	-0.09	-4%
NC_359	10	4389	0.59	0.59	0.04	0.59	0.59	0.56	0.60	0.39	0.55	0.58	0.50	0.60	0.01	2%
NC_360	120	4642	0.44	0.40	0.14	0.41	0.01	0.14	0.14	0.38	0.41	0.41	0.41	0.41	0.00	0%
NC_361	120	4642	0.65	0.61	0.19	0.64	0.40	0.49	0.44	0.56	0.64	0.64	0.58	0.64	0.00	0%
NC_362	180	4669	76.85	76.64	6.55	78.89	15.08	31.42	31.39	77.62	79.39	78.89	74.71	79.39	0.50	1%
NC_363	120	4642	0.20	0.19	0.07	0.21	0.03	0.11	0.09	0.17	0.21	0.21	0.19	0.21	0.00	0%
NC_364	20	4450	0.31	0.30	0.04	0.30	0.30	0.30	0.30	0.18	0.31	0.27	0.23	0.31	0.01	3%
NC_365	120	4643	0.47	0.46	0.11	0.48	0.03	0.12	0.11	0.42	0.44	0.39	0.43	0.44	-0.04	-8%
NC_366	20	4450	0.46	0.45	0.06	0.45	0.44	0.45	0.45	0.28	0.46	0.41	0.35	0.46	0.01	2%
NC_367	120	4643	0.35	0.33	0.10	0.33	0.02	0.11	0.11	0.31	0.33	0.31	0.32	0.33	0.00	0%
NC_368	120	4643	2.31	2.12	0.67	2.16	0.07	0.70	0.68	2.05	1.99	2.12	2.19	2.19	0.03	1%
NC_369	120	4642	0.19	0.18	0.07	0.19	0.01	0.09	0.08	0.16	0.19	0.20	0.18	0.20	0.01	5%
NC_370	20	4451	0.30	0.30	0.04	0.30	0.29	0.30	0.30	0.19	0.32	0.28	0.24	0.32	0.02	7%
NC_371	120	4642	0.99	0.89	0.31	0.89	0.08	0.35	0.34	0.87	0.89	0.94	0.94	0.94	0.05	6%
NC_372	180	4669	76.85	76.63	6.55	78.86	15.08	31.43	31.39	77.62	79.40	78.86	74.71	79.40	0.54	1%
NC_373	20	4450	0.33	0.32	0.04	0.33	0.32	0.32	0.33	0.18	0.32	0.28	0.23	0.33	0.00	0%
NC_374	120	4642	0.41	0.38	0.12	0.40	0.01	0.15	0.14	0.34	0.40	0.37	0.37	0.40	0.00	0%
NC_375	120	4641	2.90	2.89	0.38	2.95	0.37	1.01	1.01	2.79	2.83	2.43	2.60	2.83	-0.12	-4%
NC_376	20	4450	0.36	0.35	0.04	0.36	0.35	0.35	0.36	0.21	0.36	0.31	0.26	0.36	0.00	0%
NC_377	120	4636	5.41	5.43	0.76	5.48	1.28	1.96	2.03	5.32	5.38	4.55	4.80	5.38	-0.10	-2%
NC_378	120	4642	0.20	0.19	0.07	0.21	0.07	0.14	0.10	0.16	0.21	0.21	0.19	0.21	0.00	0%
NC_379	20	4450	0.40	0.39	0.05	0.39	0.38	0.38	0.39	0.21	0.37	0.32	0.27	0.39	0.00	0%
NC_380	120	4643	2.19	1.99	0.64	2.02	0.07	0.67	0.66	1.93	1.91	2.01	2.05	2.05	0.03	1%
NC_381	120	4636	5.31	5.29	0.45	5.33	1.18	2.07	2.12	5.26	5.23	4.70	4.18	5.26	-0.07	-1%
NC_382	20	4446	0.25	0.24	0.03	0.24	0.23	0.25	0.24	0.18	0.28	0.26	0.22	0.28	0.04	17%
NC_383	120	4642	0.49	0.46	0.17	0.50	0.27	0.34	0.28	0.40	0.50	0.51	0.47	0.51	0.01	2%
NC_384	120	4642	0.24	0.22	0.08	0.24	0.03	0.12	0.10	0.19	0.24	0.24	0.22	0.24	0.00	0%
NC_385	270	4715	12.12	11.52	2.09	11.86	4.40	7.28	7.49	11.27	11.22	10.47	13.60	13.60	1.74	15%
NC_386	10	4389	0.38	0.37	0.04	0.37	0.37	0.36	0.38	0.19	0.34	0.29	0.24	0.38	0.01	3%
NC_387	120	4645	0.26	0.24	0.09	0.27	0.18	0.23	0.19	0.20	0.29	0.27	0.24	0.29	0.02	7%
NC_388	120	4642	0.32	0.30	0.10	0.32	0.00	0.12	0.11	0.27	0.32	0.30	0.30	0.32	0.00	0%
NC_389	120	4643	1.24	1.17	0.33	1.19	0.34	0.52	0.51	1.09	1.15	1.14	1.10	1.15	-0.04	-3%
NC_390	120	4642	0.22	0.20	0.07	0.22	0.00	0.09	0.08	0.18	0.22	0.22	0.21	0.22	0.00	0%
NC_391	20	4451	0.88	0.85	0.09	0.86	0.86	0.86	0.88	0.63	0.89	0.91	0.80	0.91	0.05	6%
NC_392	120	4642	0.20	0.19	0.07	0.20	0.00	0.09	0.08	0.17	0.20	0.20	0.19	0.20	0.00	0%
NC_393	10	4389	1.10	1.08	0.08	1.09	1.09	0.99	1.10	0.57	0.90	0.88	0.73	1.10	0.01	1%
NC_394	180	4669	76.84	76.39	6.62	78.45	15.28	31.70	31.66	77.77	79.54	78.45	74.67	79.54	1.09	1%
NC_395	20	4451	0.30	0.29	0.04	0.29	0.28	0.29	0.29	0.18	0.30	0.27	0.23	0.30	0.01	3%
NC_396	120	4643	1.05	0.96	0.30	0.98	0.01	0.30	0.30	0.92	0.93	0.94	0.97	0.97	-0.01	-1%
NC_397	45	4552	1.80	1.82	0.11	1.83	1.24	1.62	1.66	1.57	1.58	1.83	1.63	1.83	0.00	0%
NC_398	120	4642	0.18	0.17	0.06	0.18	0.01	0.09	0.08	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_399	180	4669	76.85	76.62	6.55	78.84	15.08	31.44	31.40	77.62	79.40	78.84	74.70	79.40	0.56	1%
NC_400	10	4389	0.37	0.35	0.03	0.36	0.36	0.35	0.36	0.18	0.33	0.29	0.24	0.36	0.00	0%
NC_401	120	4640	5.90	5.91	0.52	5.92	2.14	2.96	2.88	5.92	5.83	5.06	4.72	5.92	0.00	0%
NC_402	20	4451	0.78	0.75	0.08	0.75	0.76	0.75	0.79	0.48	0.70	0.72	0.60	0.79	0.04	5%
NC_403	180	4669	76.80	76.42	6.58	78.52	15.17	31.54	31.50	77.66	79.43	78.52	74.65	79.43	0.91	1%
NC_404	180	4669	76.84	76.60	6.55	78.81	15.09	31.44	31.40	77.63	79.40	78.81	74.69	79.40	0.59	1%
NC_405	120	4642	0.18	0.17	0.06	0.19	0.04	0.11	0.09	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_406	10	4389	1.54	1.52	0.10	1.53	1.53	1.42	1.54	0.90	1.32	1.36	1.13	1.54	0.01	1%
NC_407	20	4451	0.30	0.30	0.04	0.30	0.28	0.30	0.29	0.19	0.31	0.28	0.24	0.31	0.01	3%
NC_408	120	4643	1.10	1.05	0.29	1.05	0.27	0.48	0.45	0.96	1.05	1.01	0.96	1.05	0.00	0%
NC_409	20	4450	0.40	0.39	0.05	0.40	0.39	0.38	0.40	0.21	0.37	0.32	0.27	0.40	0.00	0%
NC_410	60	4574	0.51	0.50	0.10	0.51	0.48	0.50	0.50	0.40	0.55	0.56	0.49	0.56	0.05	10%
NC_411	20	4449	1.10	1.07	0.11	1.08	1.08	1.06	1.14	0.69	0.94	1.04	0.86	1.14	0.06	6%
NC_412	20	4450	0.58	0.56	0.07	0.57	0.55	0.57	0.57	0.42	0.61	0.60	0.52	0.61	0.04	7%
NC_413	20	4450	0.38	0.37	0.05	0.38	0.37	0.36	0.38	0.20	0.36	0.31	0.26	0.38	0.00	0%
NC_414	20	4450	0.31	0.30	0.04	0.30	0.29	0.30	0.30	0.18	0.31	0.27	0.23	0.31	0.01	3%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_415	20	4450	0.47	0.46	0.05	0.47	0.46	0.45	0.47	0.25	0.43	0.38	0.32	0.47	0.00	0%
NC_416	20	4450	0.45	0.44	0.05	0.45	0.44	0.43	0.45	0.24	0.42	0.37	0.31	0.45	0.00	0%
NC_417	120	4642	0.78	0.77	0.21	0.81	0.54	0.68	0.60	0.67	0.81	0.81	0.66	0.81	0.00	0%
NC_418	10	4389	0.44	0.42	0.04	0.43	0.43	0.41	0.44	0.21	0.39	0.33	0.27	0.44	0.01	2%
NC_419	45	4553	1.38	1.41	0.20	1.46	1.16	1.33	1.46	0.99	1.15	1.44	1.14	1.46	0.00	0%
NC_420	20	4450	0.35	0.34	0.04	0.34	0.33	0.33	0.34	0.19	0.33	0.28	0.24	0.34	0.00	0%
NC_421	120	4643	0.57	0.56	0.13	0.59	0.09	0.21	0.21	0.51	0.53	0.50	0.53	0.53	-0.06	-10%
NC_422	180	4669	76.60	75.95	6.66	77.82	15.33	31.74	31.70	77.66	79.42	77.82	74.42	79.42	1.60	2%
NC_423	20	4450	0.34	0.33	0.04	0.34	0.33	0.33	0.34	0.19	0.34	0.29	0.25	0.34	0.00	0%
NC_424	120	4643	1.75	1.63	0.50	1.65	0.19	0.69	0.70	1.57	1.49	1.67	1.71	1.71	0.06	4%
NC_425	120	4642	0.37	0.33	0.12	0.34	0.01	0.13	0.13	0.32	0.34	0.36	0.35	0.36	0.02	6%
NC_426	20	4450	0.33	0.32	0.04	0.32	0.31	0.32	0.32	0.19	0.32	0.28	0.24	0.32	0.00	0%
NC_427	20	4445	1.60	1.54	0.14	1.55	1.59	1.49	1.65	0.98	1.31	1.48	1.24	1.65	0.10	6%
NC_428	20	4449	0.43	0.44	0.06	0.44	0.40	0.45	0.44	0.30	0.43	0.45	0.36	0.45	0.01	2%
NC_429	20	4450	0.32	0.31	0.04	0.32	0.31	0.31	0.32	0.18	0.32	0.27	0.23	0.32	0.00	0%
NC_430	10	4389	0.62	0.60	0.06	0.61	0.61	0.55	0.61	0.27	0.49	0.42	0.34	0.61	0.00	0%
NC_431	120	4642	0.20	0.19	0.07	0.22	0.09	0.15	0.11	0.16	0.22	0.22	0.19	0.22	0.00	0%
NC_432	20	4449	1.41	1.38	0.14	1.41	1.35	1.36	1.47	0.88	1.14	1.33	1.09	1.47	0.06	4%
NC_433	45	4549	0.91	0.94	0.13	1.00	0.75	0.90	0.89	0.71	0.82	1.02	0.81	1.02	0.02	2%
NC_434	120	4642	0.18	0.16	0.06	0.17	0.00	0.08	0.07	0.14	0.17	0.18	0.17	0.18	0.01	6%
NC_435	10	4389	0.41	0.40	0.04	0.40	0.40	0.38	0.41	0.20	0.36	0.31	0.25	0.41	0.01	2%
NC_436	45	4553	1.46	1.51	0.20	1.55	0.88	1.30	1.36	1.10	1.08	1.49	1.16	1.49	-0.06	-4%
NC_437	180	4669	76.65	75.97	6.68	77.84	15.40	31.83	31.79	77.74	79.49	77.84	74.44	79.49	1.65	2%
NC_438	10	4389	0.74	0.73	0.06	0.74	0.74	0.67	0.75	0.37	0.61	0.58	0.48	0.75	0.01	1%
NC_439	120	4642	0.18	0.16	0.06	0.17	0.00	0.08	0.07	0.14	0.17	0.18	0.17	0.18	0.01	6%
NC_440	120	4642	1.46	1.39	0.38	1.41	1.09	1.34	1.33	1.28	1.41	1.58	1.29	1.58	0.17	12%
NC_441	120	4642	0.45	0.41	0.16	0.45	0.30	0.36	0.32	0.37	0.45	0.49	0.44	0.49	0.04	9%
NC_442	60	4578	0.27	0.27	0.06	0.29	0.23	0.27	0.24	0.20	0.31	0.28	0.25	0.31	0.02	7%
NC_443	120	4640	7.49	7.24	1.02	7.31	4.07	5.39	5.69	7.31	7.14	6.47	6.17	7.31	0.00	0%
NC_444	20	4450	0.48	0.48	0.07	0.49	0.45	0.50	0.49	0.34	0.47	0.50	0.40	0.50	0.01	2%
NC_445	120	4642	0.21	0.19	0.07	0.21	0.01	0.10	0.09	0.17	0.21	0.21	0.20	0.21	0.00	0%
NC_446	10	4389	1.05	1.04	0.06	1.04	1.04	0.95	1.07	0.55	0.82	0.85	0.70	1.07	0.03	3%
NC_447	20	4451	0.61	0.59	0.07	0.60	0.59	0.60	0.61	0.44	0.62	0.64	0.55	0.64	0.04	7%
NC_448	120	4643	1.23	1.15	0.34	1.18	0.00	0.33	0.32	1.09	1.08	1.08	1.14	1.14	-0.04	-3%
NC_449	45	4553	1.44	1.50	0.20	1.56	0.92	1.31	1.37	1.14	1.14	1.53	1.20	1.53	-0.03	-2%
NC_450	120	4643	1.46	1.35	0.43	1.36	0.19	0.60	0.62	1.31	1.24	1.41	1.43	1.43	0.07	5%
NC_451	120	4643	1.32	1.21	0.40	1.21	0.21	0.57	0.58	1.18	1.11	1.29	1.29	1.29	0.08	7%
NC_452	180	4676	2.57	2.52	0.24	2.53	0.31	0.61	0.61	2.54	2.57	2.24	2.72	2.72	0.19	8%
NC_453	20	4451	0.52	0.50	0.06	0.52	0.50	0.52	0.52	0.38	0.53	0.52	0.44	0.53	0.01	2%
NC_454	120	4642	0.48	0.46	0.13	0.46	0.13	0.24	0.21	0.42	0.46	0.43	0.42	0.46	0.00	0%
NC_455	120	4643	0.78	0.72	0.22	0.74	0.00	0.22	0.21	0.69	0.70	0.69	0.71	0.71	-0.03	-4%
NC_456	10	4389	0.92	0.90	0.07	0.91	0.91	0.82	0.92	0.43	0.71	0.68	0.55	0.92	0.01	1%
NC_457	180	4669	76.68	75.99	6.70	77.87	15.44	31.89	31.85	77.78	79.54	77.87	74.46	79.54	1.67	2%
NC_458	120	4642	24.11	24.20	1.26	24.33	7.47	12.54	12.70	24.44	24.33	21.24	25.13	25.13	0.80	3%
NC_459	10	4389	0.41	0.40	0.04	0.40	0.40	0.38	0.41	0.19	0.35	0.30	0.24	0.41	0.01	2%
NC_460	10	4389	0.40	0.38	0.04	0.39	0.39	0.37	0.40	0.19	0.35	0.30	0.25	0.40	0.01	3%
NC_461	20	4451	1.15	1.17	0.12	1.17	0.99	1.17	1.17	0.70	0.91	1.10	0.81	1.17	0.00	0%
NC_462	10	4389	0.90	0.88	0.06	0.89	0.89	0.84	0.90	0.57	0.82	0.85	0.72	0.90	0.01	1%
NC_463	10	4389	1.20	1.18	0.06	1.19	1.19	1.09	1.22	0.65	0.94	0.99	0.82	1.22	0.03	3%
NC_464	120	4645	0.20	0.19	0.07	0.21	0.09	0.15	0.11	0.16	0.21	0.21	0.19	0.21	0.00	0%
NC_465	10	4389	0.83	0.82	0.07	0.82	0.82	0.78	0.84	0.47	0.73	0.71	0.59	0.84	0.02	2%
NC_466	120	4636	10.97	11.00	1.06	11.10	4.72	7.74	7.76	10.34	10.90	11.22	9.71	11.22	0.12	1%
NC_467	120	4642	0.18	0.16	0.06	0.17	0.00	0.08	0.07	0.14	0.17	0.18	0.17	0.18	0.01	6%
NC_468	20	4450	0.45	0.44	0.05	0.45	0.44	0.44	0.45	0.26	0.44	0.40	0.33	0.45	0.00	0%
NC_469	45	4553	0.71	0.74	0.10	0.78	0.55	0.69	0.69	0.55	0.65	0.79	0.63	0.79	0.01	1%
NC_470	45	4553	1.51	1.57	0.15	1.62	0.80	1.21	1.27	1.35	1.38	1.59	1.35	1.59	-0.03	-2%
NC_471	10	4389	0.40	0.39	0.04	0.39	0.39	0.37	0.40	0.19	0.35	0.30	0.25	0.40	0.01	3%
NC_472	120	4642	0.33	0.30	0.10	0.32	0.11	0.19	0.17	0.28	0.32	0.33	0.30	0.33	0.01	3%
NC_473	20	4450	0.40	0.39	0.05	0.40	0.39	0.38	0.40	0.21	0.37	0.32	0.27	0.40	0.00	0%
NC_474	120	4642	0.18	0.16	0.06	0.17	0.00	0.08	0.07	0.14	0.17	0.18	0.17	0.18	0.01	6%
NC_475	10	4389	0.43	0.42	0.04	0.42	0.42	0.39	0.43	0.19	0.36	0.30	0.25	0.43	0.01	2%
NC_476	120	4645	0.21	0.20	0.08	0.23	0.15	0.19	0.16	0.17	0.24	0.23	0.20	0.24	0.01	4%
NC_477	20	4451	0.30	0.29	0.04	0.30	0.28	0.30	0.29	0.18	0.31	0.27	0.23	0.31	0.01	3%
NC_478	10	4389	0.77	0.75	0.06	0.76	0.76	0.70	0.77	0.38	0.62	0.59	0.48	0.77	0.01	1%
NC_479	10	4389	1.24	1.22	0.06	1.23	1.23	1.12	1.27	0.61	0.92	0.96	0.78	1.27	0.04	3%
NC_480	10	4389	0.74	0.72	0.07	0.73	0.73	0.67	0.74	0.32	0.58	0.50	0.41	0.74	0.01	1%
NC_481	120	4643	0.37	0.34	0.10	0.35	0.00	0.10	0.10	0.32	0.34	0.31	0.32	0.34	-0.01	-3%
NC_482	10	4389	0.84	0.82	0.07	0.83	0.83	0.77	0.85	0.41	0.68	0.64	0.53	0.85	0.02	2%
NC_483	120	4636	11.72	11.73	1.13	11.75	4.80	8.01	8.02	11.12	11.70	12.01	10.30	12.01	0.26	2%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min		m^3/s	%
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740			
NC_484	120	4644	2.43	2.49	0.22	2.50	0.65	1.23	1.23	2.49	2.56	2.45	1.97	2.56	0.06	2%
NC_485	120	4643	2.65	2.66	0.46	2.79	1.34	2.08	2.17	2.37	2.52	2.73	2.34	2.73	-0.06	-2%
NC_486	20	4450	0.44	0.43	0.05	0.44	0.43	0.42	0.44	0.25	0.42	0.37	0.31	0.44	0.00	0%
NC_487	10	4389	0.58	0.56	0.05	0.56	0.57	0.52	0.56	0.22	0.42	0.35	0.29	0.57	0.01	2%
NC_488	360	4737	2.70	2.63	0.52	2.91	0.42	0.73	0.74	2.60	2.64	2.35	2.93	2.93	0.02	1%
NC_489	20	4450	0.48	0.47	0.06	0.48	0.47	0.46	0.48	0.27	0.46	0.41	0.35	0.48	0.00	0%
NC_490	10	4389	0.55	0.53	0.05	0.53	0.53	0.49	0.54	0.23	0.42	0.36	0.29	0.54	0.01	2%
NC_491	10	4389	0.58	0.56	0.05	0.56	0.57	0.52	0.56	0.23	0.43	0.36	0.30	0.57	0.01	2%
NC_492	120	4640	12.76	12.76	1.40	12.85	3.75	6.75	6.85	12.85	12.68	11.69	11.14	12.85	0.00	0%
NC_493	10	4389	0.66	0.65	0.05	0.65	0.65	0.62	0.67	0.38	0.59	0.57	0.48	0.67	0.02	3%
NC_494	10	4389	0.74	0.72	0.06	0.73	0.73	0.68	0.74	0.37	0.61	0.58	0.48	0.74	0.01	1%
NC_495	20	4446	0.26	0.26	0.04	0.26	0.24	0.27	0.25	0.18	0.29	0.26	0.23	0.29	0.03	12%
NC_496	10	4389	0.38	0.37	0.04	0.37	0.37	0.36	0.38	0.19	0.34	0.29	0.24	0.38	0.01	3%
NC_497	120	4643	0.35	0.33	0.10	0.34	0.00	0.09	0.09	0.31	0.32	0.30	0.32	0.32	-0.02	-6%
NC_498	20	4450	0.46	0.45	0.05	0.46	0.45	0.44	0.46	0.25	0.43	0.37	0.31	0.46	0.00	0%
NC_499	120	4642	24.19	24.27	1.25	24.40	7.49	12.55	12.70	24.52	24.40	21.36	25.22	25.22	0.82	3%
NC_500	120	4638	0.78	0.69	0.25	0.70	0.22	0.40	0.42	0.69	0.66	0.79	0.77	0.79	0.09	13%
NC_501	10	4389	1.22	1.21	0.06	1.22	1.22	1.12	1.26	0.63	0.94	0.98	0.80	1.26	0.04	3%
NC_502	180	4669	76.72	76.00	6.71	77.89	15.49	31.94	31.91	77.83	79.58	77.89	74.49	79.58	1.69	2%
NC_503	10	4389	1.01	0.99	0.07	1.00	1.00	0.88	1.00	0.41	0.69	0.65	0.53	1.00	0.00	0%
NC_504	120	4642	0.58	0.51	0.20	0.52	0.24	0.34	0.34	0.49	0.52	0.61	0.58	0.61	0.09	17%
NC_505	20	4450	0.46	0.45	0.06	0.46	0.43	0.47	0.46	0.35	0.47	0.48	0.41	0.48	0.02	4%
NC_506	120	4642	2.39	2.42	0.23	2.45	0.68	1.25	1.26	2.40	2.45	2.41	1.91	2.45	0.00	0%
NC_507	10	4389	1.89	1.88	0.09	1.89	1.89	1.68	1.93	0.90	1.35	1.43	1.16	1.93	0.04	2%
NC_508	120	4642	0.36	0.34	0.12	0.35	0.20	0.30	0.28	0.31	0.35	0.41	0.35	0.41	0.06	17%
NC_509	120	4642	0.36	0.32	0.12	0.33	0.00	0.12	0.12	0.31	0.33	0.35	0.34	0.35	0.02	6%
NC_510	10	4389	1.20	1.19	0.06	1.19	1.19	1.10	1.23	0.61	0.92	0.96	0.78	1.23	0.04	3%
NC_511	10	4389	0.73	0.72	0.06	0.72	0.72	0.67	0.73	0.37	0.60	0.57	0.47	0.73	0.01	1%
NC_512	20	4450	0.47	0.46	0.05	0.47	0.46	0.45	0.47	0.25	0.43	0.38	0.32	0.47	0.00	0%
NC_513	10	4389	1.09	1.08	0.06	1.08	1.08	0.97	1.10	0.52	0.80	0.82	0.67	1.10	0.02	2%
NC_514	10	4389	0.67	0.65	0.06	0.66	0.66	0.60	0.66	0.27	0.51	0.43	0.35	0.66	0.00	0%
NC_515	120	4643	0.55	0.49	0.17	0.50	0.00	0.16	0.16	0.49	0.48	0.52	0.52	0.52	0.02	4%
NC_516	10	4389	1.17	1.16	0.05	1.16	1.16	1.05	1.20	0.58	0.85	0.91	0.74	1.20	0.04	3%
NC_517	120	4642	0.23	0.21	0.07	0.23	0.00	0.09	0.09	0.19	0.23	0.22	0.22	0.23	0.00	0%
NC_518	20	4445	1.49	1.44	0.13	1.45	1.47	1.38	1.55	0.78	1.09	1.24	1.00	1.55	0.10	7%
NC_519	180	4669	76.73	75.98	6.72	77.84	15.53	32.00	31.96	77.87	79.62	77.84	74.48	79.62	1.78	2%
NC_520	120	4642	24.20	24.27	1.25	24.39	7.38	12.54	12.68	24.51	24.39	21.40	25.23	25.23	0.84	3%
NC_521	120	4642	0.18	0.16	0.06	0.18	0.00	0.08	0.07	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_522	10	4389	1.04	1.02	0.08	1.03	1.03	0.97	1.06	0.53	0.85	0.82	0.67	1.06	0.03	3%
NC_523	10	4389	0.88	0.87	0.07	0.88	0.88	0.79	0.89	0.41	0.68	0.65	0.53	0.89	0.01	1%
NC_524	120	4640	12.75	12.78	1.38	12.85	3.66	6.65	6.74	12.85	12.71	11.73	11.19	12.85	0.00	0%
NC_525	120	4642	0.47	0.44	0.13	0.44	0.14	0.29	0.28	0.42	0.44	0.48	0.43	0.48	0.04	9%
NC_526	120	4641	9.57	9.33	1.70	9.79	6.75	8.64	9.14	8.87	8.78	9.58	7.98	9.58	-0.21	-2%
NC_527	120	4643	0.57	0.57	0.13	0.58	0.12	0.27	0.26	0.52	0.55	0.55	0.53	0.55	-0.03	-5%
NC_528	120	4636	1.03	1.04	0.17	1.04	0.16	0.36	0.36	0.97	1.03	0.95	0.94	1.03	-0.01	-1%
NC_529	120	4642	1.10	1.10	0.16	1.11	0.23	0.36	0.36	1.09	1.11	1.02	0.99	1.11	0.00	0%
NC_530	10	4389	0.43	0.42	0.04	0.42	0.42	0.41	0.43	0.22	0.40	0.34	0.28	0.43	0.01	2%
NC_531	20	4450	0.36	0.35	0.04	0.36	0.35	0.35	0.36	0.20	0.35	0.31	0.26	0.36	0.00	0%
NC_532	180	4669	76.78	75.99	6.74	77.84	15.60	32.09	32.05	77.94	79.69	77.84	74.50	79.69	1.85	2%
NC_533	10	4389	0.43	0.42	0.04	0.42	0.42	0.39	0.43	0.19	0.36	0.30	0.25	0.43	0.01	2%
NC_534	120	4643	0.87	0.87	0.19	0.90	0.22	0.37	0.37	0.79	0.82	0.81	0.80	0.82	-0.08	-9%
NC_535	120	4638	76.79	78.16	4.30	78.34	15.65	32.15	32.11	77.98	79.73	77.75	74.50	79.73	1.39	2%
NC_536	120	4636	0.95	0.97	0.18	1.00	0.16	0.36	0.36	0.87	0.93	0.88	0.88	0.93	-0.07	-7%
NC_537	10	4389	0.46	0.45	0.04	0.45	0.45	0.42	0.45	0.19	0.36	0.30	0.25	0.45	0.00	0%
NC_538	20	4449	1.62	1.57	0.15	1.57	1.59	1.52	1.70	0.87	1.22	1.36	1.10	1.70	0.13	8%
NC_539	120	4640	12.73	12.80	1.37	12.82	3.58	6.55	6.64	12.82	12.79	11.76	11.23	12.82	0.00	0%
NC_540	10	4389	0.41	0.40	0.04	0.40	0.40	0.38	0.41	0.19	0.35	0.30	0.24	0.41	0.01	2%
NC_541	90	4607	2.36	2.33	0.20	2.34	0.78	1.30	1.32	2.28	2.39	2.32	1.86	2.39	0.05	2%
NC_542	10	4389	0.41	0.39	0.04	0.40	0.40	0.37	0.40	0.19	0.35	0.30	0.24	0.40	0.00	0%
NC_543	20	4449	1.88	1.85	0.17	1.89	1.78	1.79	1.98	1.02	1.38	1.62	1.28	1.98	0.09	5%
NC_544	120	4645	0.27	0.25	0.09	0.28	0.15	0.21	0.17	0.21	0.29	0.28	0.25	0.29	0.01	4%
NC_545	120	4642	0.41	0.39	0.13	0.42	0.26	0.35	0.30	0.34	0.42	0.45	0.39	0.45	0.03	7%
NC_546	120	4642	0.25	0.23	0.08	0.25	0.02	0.12	0.10	0.20	0.25	0.24	0.23	0.25	0.00	0%
NC_547	120	4642	0.18	0.17	0.06	0.19	0.03	0.11	0.08	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_548	10	4389	0.46	0.46	0.02	0.46	0.46	0.42	0.47	0.22	0.34	0.36	0.29	0.47	0.01	2%
NC_549	20	4451	0.30	0.29	0.04	0.29	0.28	0.29	0.29	0.18	0.30	0.27	0.22	0.30	0.01	3%
NC_550	120	4642	0.39	0.36	0.14	0.40	0.24	0.30	0.25	0.32	0.40	0.42	0.38	0.42	0.02	5%
NC_551	120	4642	0.60	0.53	0.20	0.54	0.22	0.34	0.34	0.51	0.54	0.62	0.58	0.62	0.08	15%
NC_552	20	4451	0.63	0.60	0.07	0.60	0.62	0.60	0.63	0.39	0.60	0.59	0.49	0.63	0.03	5%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_553	20	4450	0.54	0.55	0.07	0.55	0.51	0.56	0.55	0.37	0.51	0.55	0.44	0.56	0.01	2%
NC_554	120	4642	0.19	0.18	0.06	0.19	0.00	0.08	0.08	0.16	0.19	0.19	0.18	0.19	0.00	0%
NC_555	20	4445	3.32	3.23	0.29	3.26	3.26	3.08	3.49	1.78	2.53	2.80	2.26	3.49	0.23	7%
NC_556	120	4645	0.20	0.19	0.07	0.22	0.11	0.16	0.12	0.16	0.22	0.22	0.19	0.22	0.00	0%
NC_557	20	4450	0.38	0.37	0.05	0.38	0.37	0.37	0.38	0.22	0.37	0.33	0.27	0.38	0.00	0%
NC_558	120	4642	12.96	13.20	1.32	13.26	3.55	6.55	6.63	13.13	13.26	12.09	11.58	13.26	0.00	0%
NC_559	20	4449	3.58	3.52	0.30	3.52	3.43	3.28	3.78	1.95	2.62	3.06	2.44	3.78	0.26	7%
NC_560	360	4740	2.87	2.85	0.54	3.10	0.33	0.75	0.75	2.68	2.75	2.45	3.10	3.10	0.00	0%
NC_561	20	4449	4.16	4.14	0.35	4.17	3.88	3.83	4.42	2.30	2.96	3.59	2.89	4.42	0.25	6%
NC_562	10	4389	0.77	0.75	0.07	0.76	0.76	0.70	0.77	0.34	0.62	0.54	0.44	0.77	0.01	1%
NC_563	20	4450	0.49	0.48	0.06	0.49	0.48	0.47	0.49	0.26	0.46	0.40	0.34	0.49	0.00	0%
NC_564	20	4450	0.55	0.56	0.07	0.56	0.52	0.56	0.56	0.35	0.51	0.53	0.42	0.56	0.00	0%
NC_565	10	4389	0.43	0.42	0.04	0.42	0.42	0.39	0.43	0.19	0.36	0.30	0.25	0.43	0.01	2%
NC_566	10	4389	0.47	0.45	0.04	0.46	0.46	0.43	0.46	0.21	0.40	0.34	0.28	0.46	0.00	0%
NC_567	10	4389	0.39	0.37	0.04	0.38	0.38	0.36	0.38	0.19	0.34	0.29	0.24	0.38	0.00	0%
NC_568	60	4578	0.22	0.22	0.05	0.24	0.17	0.21	0.18	0.17	0.25	0.23	0.20	0.25	0.01	4%
NC_569	20	4449	0.28	0.27	0.03	0.27	0.27	0.27	0.28	0.18	0.26	0.28	0.23	0.28	0.01	4%
NC_570	60	4578	0.23	0.24	0.06	0.26	0.20	0.23	0.21	0.18	0.27	0.25	0.22	0.27	0.01	4%
NC_571	120	4642	25.25	25.30	1.24	25.33	8.61	13.22	13.51	25.60	25.33	22.55	26.05	26.05	0.72	3%
NC_572	120	4642	0.38	0.36	0.13	0.40	0.32	0.37	0.34	0.31	0.40	0.42	0.35	0.42	0.02	5%
NC_573	20	4455	4.70	4.68	0.37	4.68	4.05	4.48	5.02	2.66	3.19	4.14	3.22	5.02	0.34	7%
NC_574	120	4641	42.28	42.64	2.77	43.03	11.34	20.46	20.53	43.65	43.94	40.48	41.10	43.94	0.91	2%
NC_575	120	4643	4.82	4.53	1.34	4.58	1.76	2.73	2.86	4.34	4.15	4.72	4.61	4.72	0.14	3%
NC_576	20	4450	0.32	0.31	0.04	0.31	0.30	0.31	0.31	0.19	0.32	0.28	0.24	0.32	0.01	3%
NC_577	120	4638	12.06	12.15	1.04	12.16	4.62	7.69	7.70	11.99	12.15	12.53	10.63	12.53	0.37	3%
NC_578	60	4578	0.21	0.22	0.05	0.24	0.16	0.20	0.17	0.16	0.25	0.23	0.20	0.25	0.01	4%
NC_579	120	4642	0.38	0.35	0.13	0.38	0.18	0.25	0.21	0.31	0.38	0.40	0.37	0.40	0.02	5%
NC_580	10	4389	0.50	0.49	0.05	0.49	0.49	0.45	0.49	0.20	0.39	0.32	0.26	0.49	0.00	0%
NC_581	45	4547	7.38	7.37	0.81	7.39	5.46	7.06	7.65	4.58	5.16	6.96	5.11	7.65	0.26	4%
NC_582	120	4642	0.18	0.16	0.06	0.18	0.00	0.08	0.07	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_583	20	4450	0.41	0.40	0.05	0.41	0.40	0.40	0.41	0.24	0.41	0.36	0.31	0.41	0.00	0%
NC_584	20	4450	0.32	0.32	0.04	0.32	0.31	0.32	0.32	0.19	0.32	0.28	0.24	0.32	0.00	0%
NC_585	120	4642	12.93	13.17	1.31	13.23	3.48	6.46	6.53	13.11	13.23	12.12	11.62	13.23	0.00	0%
NC_586	20	4455	5.23	5.18	0.40	5.18	4.31	5.10	5.57	2.98	3.60	4.64	3.62	5.57	0.39	8%
NC_587	120	4642	17.96	18.59	1.70	18.69	5.34	9.58	9.64	18.48	18.69	18.10	16.33	18.69	0.00	0%
NC_588	10	4389	1.25	1.23	0.09	1.24	1.24	1.11	1.26	0.59	0.95	0.92	0.76	1.26	0.02	2%
NC_589	120	4642	0.40	0.37	0.14	0.40	0.24	0.30	0.26	0.33	0.40	0.43	0.39	0.43	0.03	7%
NC_590	20	4449	1.41	1.43	0.16	1.45	1.24	1.46	1.40	0.90	1.22	1.41	1.02	1.46	0.01	1%
NC_591	45	4552	7.44	7.46	0.84	7.59	4.90	6.82	7.25	4.78	5.17	7.13	5.24	7.25	-0.34	-4%
NC_592	20	4450	0.42	0.41	0.05	0.41	0.40	0.40	0.41	0.24	0.40	0.36	0.30	0.41	0.00	0%
NC_593	120	4641	42.28	42.66	2.77	43.05	11.32	20.44	20.52	43.64	43.94	40.52	41.16	43.94	0.89	2%
NC_594	120	4642	0.19	0.18	0.07	0.20	0.06	0.12	0.09	0.15	0.20	0.20	0.18	0.20	0.00	0%
NC_595	120	4643	4.55	4.25	1.28	4.29	1.83	2.66	2.78	4.09	3.92	4.47	4.33	4.47	0.18	4%
NC_596	20	4451	0.66	0.63	0.07	0.63	0.65	0.63	0.67	0.42	0.62	0.62	0.53	0.67	0.04	6%
NC_597	10	4389	0.50	0.49	0.05	0.49	0.49	0.45	0.49	0.19	0.37	0.30	0.25	0.49	0.00	0%
NC_598	120	4638	74.47	75.63	4.20	75.69	15.86	32.07	32.04	75.57	77.18	74.49	71.12	77.18	1.49	2%
NC_599	10	4389	0.85	0.84	0.07	0.85	0.85	0.77	0.86	0.40	0.66	0.63	0.52	0.86	0.01	1%
NC_600	20	4455	5.81	5.75	0.39	5.78	4.58	5.71	6.15	3.33	4.04	5.18	4.02	6.15	0.37	6%
NC_601	120	4641	42.28	42.68	2.76	43.07	11.31	20.43	20.50	43.63	43.94	40.56	41.21	43.94	0.87	2%
NC_602	20	4445	0.97	0.93	0.10	0.93	0.96	0.93	0.99	0.66	0.92	0.96	0.82	0.99	0.06	6%
NC_603	120	4638	45.62	46.12	2.48	46.32	13.91	22.72	23.02	47.31	47.29	44.19	44.27	47.31	0.99	2%
NC_604	120	4641	56.91	56.99	2.96	57.20	17.45	29.77	29.88	58.29	58.15	55.46	53.22	58.29	1.09	2%
NC_605	120	4638	76.93	78.14	4.30	78.22	16.07	32.62	32.59	78.06	79.75	76.90	73.97	79.75	1.53	2%
NC_606	120	4638	45.56	46.12	2.50	46.28	13.45	22.37	22.58	47.21	47.24	44.22	44.28	47.24	0.96	2%
NC_607	120	4638	45.68	46.16	2.46	46.37	14.20	22.96	23.29	47.39	47.34	44.20	44.27	47.39	1.02	2%
NC_608	20	4455	6.45	6.42	0.47	6.43	5.35	6.13	6.91	3.72	4.43	5.76	4.37	6.91	0.48	7%
NC_609	45	4552	5.65	5.64	0.61	5.67	3.99	5.41	5.76	3.52	3.88	5.34	3.96	5.76	0.09	2%
NC_610	120	4641	56.93	57.13	2.98	57.40	17.26	29.63	29.71	58.25	58.23	55.62	53.36	58.25	0.85	1%
NC_611	10	4389	0.70	0.68	0.06	0.69	0.69	0.64	0.70	0.32	0.58	0.50	0.41	0.70	0.01	1%
NC_612	10	4389	1.30	1.29	0.06	1.29	1.29	1.20	1.34	0.83	1.09	1.22	1.04	1.34	0.05	4%
NC_613	10	4389	0.75	0.73	0.06	0.74	0.74	0.70	0.75	0.44	0.67	0.66	0.55	0.75	0.01	1%
NC_614	120	4638	0.72	0.63	0.24	0.63	0.25	0.40	0.42	0.62	0.63	0.75	0.70	0.75	0.12	19%
NC_615	60	4574	0.23	0.23	0.05	0.25	0.19	0.21	0.19	0.18	0.26	0.25	0.22	0.26	0.01	4%
NC_616	120	4641	43.60	44.23	2.85	44.28	12.32	20.68	20.74	45.41	45.63	42.00	42.45	45.63	1.35	3%
NC_617	20	4450	0.39	0.38	0.05	0.38	0.37	0.38	0.38	0.24	0.39	0.35	0.30	0.39	0.01	3%
NC_618	10	4389	0.38	0.37	0.04	0.37	0.37	0.35	0.38	0.19	0.34	0.29	0.24	0.38	0.01	3%
NC_619	120	4641	56.84	56.99	2.98	57.24	17.27	29.61	29.69	58.19	58.14	55.44	53.23	58.19	0.95	2%
NC_620	120	4638	74.47	75.62	4.20	75.67	15.89	32.11	32.07	75.56	77.17	74.39	71.06	77.17	1.50	2%
NC_621	120	4638	76.90	78.12	4.30	78.22	16.02	32.57	32.53	78.03	79.73	76.97	74.02	79.73	1.51	2%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_622	120	4642	0.32	0.30	0.10	0.30	0.03	0.12	0.12	0.28	0.30	0.30	0.29	0.30	0.00	0%
NC_623	120	4638	44.02	44.82	2.76	44.84	12.17	20.66	20.71	45.78	46.02	42.78	43.16	46.02	1.18	3%
NC_624	10	4389	0.49	0.47	0.04	0.47	0.47	0.44	0.48	0.21	0.39	0.33	0.27	0.48	0.01	2%
NC_625	45	4553	1.39	1.42	0.19	1.46	0.96	1.35	1.41	1.00	1.03	1.43	1.04	1.43	-0.03	-2%
NC_626	120	4642	18.00	18.63	1.71	18.72	5.39	9.66	9.73	18.54	18.72	18.11	16.32	18.72	0.00	0%
NC_627	120	4642	0.19	0.18	0.07	0.20	0.05	0.12	0.09	0.16	0.20	0.20	0.19	0.20	0.00	0%
NC_628	120	4642	0.19	0.18	0.07	0.21	0.08	0.14	0.10	0.15	0.21	0.20	0.18	0.21	0.00	0%
NC_629	120	4638	43.77	44.48	2.83	44.48	12.54	20.68	20.75	45.59	45.82	42.26	42.73	45.82	1.34	3%
NC_630	120	4642	0.59	0.52	0.19	0.53	0.12	0.27	0.27	0.51	0.53	0.59	0.56	0.59	0.06	11%
NC_631	10	4389	0.51	0.49	0.05	0.50	0.50	0.46	0.49	0.19	0.37	0.31	0.25	0.50	0.00	0%
NC_632	10	4389	0.39	0.38	0.04	0.38	0.38	0.37	0.39	0.19	0.35	0.30	0.25	0.39	0.01	3%
NC_633	10	4389	0.43	0.41	0.04	0.42	0.42	0.39	0.43	0.19	0.36	0.30	0.25	0.43	0.01	2%
NC_634	45	4554	7.73	7.77	0.90	7.93	4.53	6.69	7.03	5.30	5.42	7.60	5.73	7.60	-0.33	-4%
NC_635	120	4641	10.65	10.34	1.54	10.71	5.50	8.55	8.84	9.75	9.98	10.84	9.33	10.84	0.13	1%
NC_636	20	4451	0.29	0.28	0.04	0.29	0.27	0.29	0.28	0.18	0.30	0.27	0.23	0.30	0.01	3%
NC_637	120	4642	13.18	13.59	1.25	13.73	3.36	6.35	6.41	13.44	13.73	12.54	12.08	13.73	0.00	0%
NC_638	10	4389	0.87	0.86	0.07	0.87	0.87	0.79	0.88	0.44	0.70	0.67	0.56	0.88	0.01	1%
NC_639	120	4643	3.70	3.45	1.05	3.48	1.69	2.26	2.34	3.33	3.22	3.62	3.50	3.62	0.14	4%
NC_640	120	4642	0.31	0.28	0.09	0.28	0.00	0.09	0.09	0.27	0.29	0.27	0.28	0.29	0.01	4%
NC_641	10	4389	0.48	0.47	0.04	0.47	0.47	0.43	0.47	0.19	0.37	0.30	0.25	0.47	0.00	0%
NC_642	45	4547	6.17	6.14	0.34	6.15	2.62	4.22	4.29	5.60	5.96	6.70	4.84	6.70	0.55	9%
NC_643	10	4389	0.46	0.45	0.04	0.45	0.45	0.42	0.46	0.19	0.36	0.30	0.25	0.46	0.01	2%
NC_644	20	4449	6.19	6.15	0.58	6.30	5.62	5.89	6.55	3.83	4.75	5.75	4.58	6.55	0.25	4%
NC_645	20	4446	0.30	0.30	0.04	0.30	0.28	0.30	0.29	0.20	0.33	0.29	0.25	0.33	0.03	10%
NC_646	120	4642	0.18	0.16	0.06	0.18	0.00	0.08	0.07	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_647	10	4389	0.44	0.42	0.04	0.43	0.43	0.40	0.43	0.20	0.37	0.31	0.26	0.43	0.00	0%
NC_648	20	4449	1.32	1.34	0.14	1.36	1.17	1.31	1.36	0.90	1.11	1.35	1.02	1.36	0.00	0%
NC_649	25	4489	0.85	0.81	0.12	0.81	0.75	0.88	0.84	0.58	0.78	0.88	0.67	0.88	0.07	9%
NC_650	120	4641	43.77	44.50	2.82	44.50	12.39	20.65	20.72	45.57	45.80	42.32	42.78	45.80	1.30	3%
NC_651	10	4389	0.56	0.54	0.05	0.55	0.55	0.52	0.56	0.28	0.49	0.43	0.36	0.56	0.01	2%
NC_652	120	4640	74.04	75.07	4.16	75.17	15.92	32.09	32.06	75.17	76.64	73.45	69.95	76.64	1.47	2%
NC_653	20	4451	0.59	0.56	0.06	0.56	0.58	0.57	0.59	0.37	0.56	0.55	0.47	0.59	0.03	5%
NC_654	20	4451	0.60	0.58	0.07	0.58	0.59	0.58	0.60	0.41	0.59	0.59	0.51	0.60	0.02	3%
NC_655	120	4642	0.55	0.49	0.19	0.50	0.30	0.37	0.36	0.46	0.50	0.59	0.54	0.59	0.09	18%
NC_656	20	4449	5.24	5.18	0.49	5.30	4.83	4.96	5.54	3.31	4.14	4.95	3.98	5.54	0.24	5%
NC_657	120	4638	44.02	44.78	2.78	44.81	12.31	20.68	20.74	45.80	46.03	42.70	43.09	46.03	1.22	3%
NC_658	120	4641	65.30	65.45	3.30	65.57	19.38	33.59	33.74	66.19	66.41	63.02	59.86	66.41	0.84	1%
NC_659	20	4451	0.52	0.50	0.06	0.51	0.50	0.51	0.52	0.37	0.53	0.53	0.46	0.53	0.02	4%
NC_660	120	4641	43.77	44.51	2.81	44.52	12.33	20.65	20.71	45.56	45.79	42.36	42.78	45.79	1.27	3%
NC_661	20	4451	0.75	0.74	0.09	0.75	0.73	0.75	0.78	0.41	0.64	0.65	0.50	0.78	0.03	4%
NC_662	120	4642	0.43	0.39	0.14	0.42	0.14	0.24	0.22	0.36	0.42	0.44	0.42	0.44	0.02	5%
NC_663	20	4451	0.28	0.28	0.04	0.28	0.26	0.28	0.27	0.18	0.30	0.26	0.22	0.30	0.02	7%
NC_664	20	4449	0.85	0.82	0.09	0.82	0.84	0.81	0.87	0.58	0.78	0.85	0.72	0.87	0.05	6%
NC_665	120	4642	0.39	0.36	0.14	0.39	0.23	0.29	0.25	0.31	0.39	0.42	0.38	0.42	0.03	8%
NC_666	120	4640	74.10	75.11	4.15	75.22	15.96	32.15	32.11	75.22	76.68	73.47	69.96	76.68	1.46	2%
NC_667	120	4642	0.24	0.23	0.09	0.26	0.11	0.18	0.13	0.19	0.26	0.25	0.23	0.26	0.00	0%
NC_668	120	4642	0.20	0.19	0.07	0.21	0.06	0.13	0.10	0.16	0.21	0.21	0.19	0.21	0.00	0%
NC_669	20	4450	0.34	0.33	0.04	0.33	0.32	0.33	0.33	0.19	0.33	0.29	0.24	0.33	0.00	0%
NC_670	10	4389	0.44	0.42	0.04	0.42	0.42	0.40	0.43	0.21	0.38	0.33	0.27	0.43	0.01	2%
NC_671	120	4642	0.24	0.22	0.08	0.25	0.11	0.18	0.13	0.19	0.25	0.25	0.23	0.25	0.00	0%
NC_672	20	4445	0.75	0.72	0.08	0.72	0.74	0.71	0.77	0.50	0.68	0.74	0.63	0.77	0.05	7%
NC_673	10	4389	0.49	0.48	0.05	0.48	0.48	0.45	0.49	0.22	0.41	0.35	0.29	0.49	0.01	2%
NC_674	20	4451	0.29	0.28	0.04	0.29	0.27	0.29	0.28	0.18	0.30	0.27	0.23	0.30	0.01	3%
NC_675	20	4449	1.00	0.97	0.10	0.99	0.97	0.96	1.03	0.72	0.91	1.04	0.90	1.04	0.05	5%
NC_676	60	4581	0.61	0.59	0.13	0.61	0.58	0.59	0.60	0.49	0.63	0.69	0.60	0.69	0.08	13%
NC_677	10	4389	0.47	0.46	0.04	0.46	0.46	0.44	0.47	0.23	0.42	0.36	0.30	0.47	0.01	2%
NC_678	45	4551	1.05	1.08	0.13	1.11	0.67	0.95	0.94	0.84	0.91	1.14	0.84	1.14	0.03	3%
NC_679	20	4449	1.60	1.56	0.16	1.59	1.55	1.53	1.65	1.16	1.45	1.67	1.42	1.67	0.08	5%
NC_680	120	4645	0.21	0.20	0.08	0.23	0.15	0.20	0.16	0.17	0.25	0.23	0.20	0.25	0.02	9%
NC_681	20	4449	3.73	3.68	0.34	3.75	3.49	3.51	3.92	2.31	2.90	3.49	2.83	3.92	0.17	5%
NC_682	120	4642	0.52	0.48	0.18	0.54	0.46	0.48	0.48	0.42	0.54	0.57	0.50	0.57	0.03	6%
NC_683	120	4642	0.19	0.17	0.06	0.19	0.01	0.09	0.08	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_684	20	4451	0.55	0.53	0.06	0.53	0.54	0.53	0.55	0.35	0.54	0.53	0.44	0.55	0.02	4%
NC_685	60	4574	0.21	0.21	0.04	0.21	0.15	0.19	0.16	0.16	0.23	0.23	0.20	0.23	0.02	10%
NC_686	45	4554	6.09	6.05	0.40	6.07	2.72	4.28	4.38	5.15	5.45	6.38	4.60	6.38	0.31	5%
NC_687	45	4553	2.04	2.09	0.31	2.21	1.60	1.91	2.10	1.58	1.70	2.16	1.79	2.16	-0.05	-2%
NC_688	10	4389	0.79	0.78	0.06	0.78	0.78	0.75	0.79	0.50	0.75	0.74	0.63	0.79	0.01	1%
NC_689	20	4450	0.35	0.34	0.04	0.34	0.33	0.33	0.34	0.19	0.34	0.29	0.24	0.34	0.00	0%
NC_690	45	4551	0.97	1.01	0.09	1.02	0.56	0.82	0.77	0.73	0.87	1.03	0.68	1.03	0.01	1%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_691	120	4642	0.24	0.23	0.08	0.25	0.10	0.17	0.13	0.19	0.25	0.25	0.23	0.25	0.00	0%
NC_692	20	4451	0.71	0.72	0.07	0.73	0.53	0.73	0.70	0.44	0.58	0.70	0.48	0.73	0.00	0%
NC_693	45	4551	1.33	1.35	0.12	1.37	0.91	1.18	1.15	1.03	1.17	1.41	0.91	1.41	0.04	3%
NC_694	120	4642	0.29	0.27	0.10	0.30	0.15	0.21	0.17	0.24	0.30	0.32	0.29	0.32	0.02	7%
NC_695	20	4449	0.78	0.80	0.09	0.80	0.70	0.82	0.79	0.51	0.69	0.79	0.58	0.82	0.02	2%
NC_696	120	4641	65.48	65.65	3.31	65.91	19.29	33.55	33.68	66.32	66.66	63.30	60.12	66.66	0.75	1%
NC_697	20	4451	0.58	0.57	0.07	0.58	0.56	0.58	0.60	0.35	0.52	0.53	0.42	0.60	0.02	3%
NC_698	120	4642	0.21	0.19	0.07	0.21	0.01	0.10	0.08	0.17	0.21	0.21	0.20	0.21	0.00	0%
NC_699	10	4389	0.42	0.40	0.04	0.41	0.41	0.38	0.42	0.19	0.36	0.30	0.25	0.42	0.01	2%
NC_700	120	4640	74.12	75.09	4.15	75.23	16.05	32.23	32.20	75.23	76.67	73.36	69.84	76.67	1.44	2%
NC_701	45	4553	5.83	5.89	0.76	6.03	4.61	5.51	6.14	4.18	4.58	5.88	4.86	6.14	0.11	2%
NC_702	10	4389	0.38	0.36	0.03	0.37	0.37	0.35	0.37	0.19	0.34	0.29	0.24	0.37	0.00	0%
NC_703	10	4389	0.40	0.38	0.04	0.39	0.39	0.37	0.40	0.19	0.35	0.30	0.24	0.40	0.01	3%
NC_704	120	4642	0.20	0.19	0.07	0.21	0.04	0.11	0.09	0.16	0.21	0.21	0.19	0.21	0.00	0%
NC_705	120	4642	0.25	0.24	0.09	0.26	0.06	0.15	0.12	0.20	0.26	0.26	0.24	0.26	0.00	0%
NC_706	20	4445	2.25	2.21	0.18	2.22	2.15	2.05	2.35	1.30	1.65	1.99	1.62	2.35	0.13	6%
NC_707	10	4389	0.69	0.68	0.06	0.69	0.69	0.66	0.70	0.40	0.63	0.61	0.51	0.70	0.01	1%
NC_708	45	4553	5.66	5.74	0.74	5.89	4.63	5.39	6.03	4.04	4.52	5.73	4.76	6.03	0.14	2%
NC_709	45	4554	4.43	4.50	0.43	4.55	2.13	3.48	3.59	3.38	3.41	4.54	3.48	4.54	-0.01	0%
NC_710	45	4551	1.54	1.60	0.17	1.64	0.82	1.25	1.28	1.30	1.32	1.65	1.29	1.65	0.01	1%
NC_711	120	4645	0.21	0.20	0.08	0.22	0.15	0.19	0.16	0.16	0.25	0.23	0.20	0.25	0.03	14%
NC_712	20	4450	0.31	0.30	0.04	0.30	0.29	0.30	0.30	0.18	0.31	0.27	0.23	0.31	0.01	3%
NC_713	120	4642	0.42	0.39	0.15	0.43	0.27	0.33	0.29	0.34	0.43	0.46	0.41	0.46	0.03	7%
NC_714	120	4640	74.08	75.00	4.14	75.19	16.14	32.31	32.28	75.19	76.59	73.15	69.61	76.59	1.40	2%
NC_715	120	4642	0.61	0.54	0.21	0.56	0.36	0.43	0.41	0.51	0.56	0.65	0.60	0.65	0.09	16%
NC_716	120	4642	0.26	0.24	0.09	0.27	0.10	0.18	0.13	0.21	0.27	0.27	0.24	0.27	0.00	0%
NC_717	60	4574	0.42	0.41	0.09	0.42	0.38	0.41	0.39	0.33	0.46	0.47	0.41	0.47	0.05	12%
NC_718	120	4642	0.68	0.61	0.23	0.64	0.32	0.41	0.38	0.56	0.64	0.71	0.66	0.71	0.07	11%
NC_719	90	4605	1.58	1.58	0.15	1.64	0.59	1.04	1.05	1.53	1.57	1.67	1.27	1.67	0.03	2%
NC_720	120	4642	1.12	0.99	0.37	1.00	0.67	0.79	0.80	0.96	1.00	1.19	1.13	1.19	0.19	19%
NC_721	20	4450	0.33	0.32	0.04	0.32	0.31	0.32	0.32	0.19	0.32	0.28	0.24	0.32	0.00	0%
NC_722	20	4451	0.51	0.48	0.06	0.49	0.49	0.49	0.50	0.36	0.52	0.52	0.44	0.52	0.03	6%
NC_723	20	4451	0.48	0.46	0.05	0.47	0.47	0.47	0.49	0.32	0.44	0.46	0.39	0.49	0.02	4%
NC_724	120	4645	0.27	0.26	0.10	0.29	0.21	0.25	0.22	0.21	0.31	0.29	0.26	0.31	0.02	7%
NC_725	45	4552	4.48	4.59	0.50	4.62	2.33	3.67	3.81	3.34	3.31	4.57	3.51	4.57	-0.05	-1%
NC_726	120	4642	0.18	0.17	0.06	0.19	0.04	0.11	0.09	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_727	20	4446	0.25	0.24	0.04	0.25	0.23	0.25	0.24	0.17	0.28	0.25	0.22	0.28	0.03	12%
NC_728	120	4645	0.27	0.25	0.10	0.28	0.20	0.24	0.21	0.21	0.30	0.29	0.25	0.30	0.02	7%
NC_729	20	4449	4.90	4.86	0.49	5.03	4.33	4.70	5.20	3.47	4.09	5.01	4.19	5.20	0.17	3%
NC_730	120	4641	66.16	66.31	3.32	66.59	19.34	33.75	33.87	67.01	67.37	63.94	61.03	67.37	0.78	1%
NC_731	20	4450	0.31	0.30	0.04	0.30	0.29	0.30	0.30	0.18	0.31	0.27	0.23	0.31	0.01	3%
NC_732	120	4640	73.99	74.82	4.12	75.09	16.29	32.43	32.40	75.09	76.41	72.71	69.21	76.41	1.32	2%
NC_733	25	4489	0.47	0.45	0.08	0.45	0.42	0.48	0.46	0.35	0.48	0.51	0.41	0.51	0.06	13%
NC_734	20	4451	0.30	0.29	0.04	0.29	0.28	0.29	0.29	0.18	0.31	0.27	0.23	0.31	0.02	7%
NC_735	10	4389	0.37	0.36	0.03	0.36	0.36	0.35	0.36	0.19	0.33	0.29	0.24	0.36	0.00	0%
NC_736	10	4389	0.89	0.87	0.08	0.88	0.88	0.82	0.90	0.42	0.73	0.65	0.54	0.90	0.02	2%
NC_737	10	4389	1.93	1.92	0.06	1.92	1.92	1.74	2.00	1.11	1.50	1.69	1.39	2.00	0.08	4%
NC_738	120	4642	0.18	0.17	0.06	0.18	0.02	0.10	0.08	0.15	0.18	0.19	0.17	0.19	0.01	6%
NC_739	20	4450	0.44	0.43	0.05	0.44	0.43	0.42	0.44	0.23	0.40	0.35	0.29	0.44	0.00	0%
NC_740	45	4553	3.62	3.62	0.21	3.64	1.35	2.39	2.41	3.23	3.43	3.76	3.26	3.76	0.12	3%
NC_741	120	4640	73.89	74.77	4.12	75.01	16.19	32.32	32.29	75.01	76.35	72.75	69.24	76.35	1.34	2%
NC_742	10	4389	1.00	0.99	0.06	1.00	1.00	0.93	1.02	0.55	0.82	0.85	0.70	1.02	0.02	2%
NC_743	60	4578	0.23	0.24	0.06	0.26	0.18	0.22	0.19	0.18	0.27	0.25	0.22	0.27	0.01	4%
NC_744	120	4638	2.80	2.53	0.85	2.54	1.44	1.91	2.05	2.47	2.39	2.92	2.74	2.92	0.38	15%
NC_745	20	4449	3.83	3.80	0.39	3.92	3.44	3.69	4.03	2.73	3.28	3.95	3.30	4.03	0.11	3%
NC_746	20	4450	0.33	0.32	0.04	0.33	0.32	0.32	0.33	0.18	0.32	0.28	0.23	0.33	0.00	0%
NC_747	20	4451	0.62	0.61	0.07	0.62	0.60	0.62	0.64	0.36	0.54	0.55	0.43	0.64	0.02	3%
NC_748	20	4446	0.24	0.23	0.04	0.24	0.22	0.25	0.23	0.17	0.28	0.25	0.22	0.28	0.04	17%
NC_749	45	4553	3.29	3.35	0.41	3.38	2.17	3.03	3.19	2.27	2.38	3.30	2.42	3.30	-0.08	-2%
NC_750	120	4644	74.44	75.04	4.24	75.19	20.96	37.44	37.56	74.90	75.85	71.94	67.31	75.85	0.66	1%
NC_751	20	4450	0.35	0.34	0.04	0.35	0.34	0.33	0.35	0.18	0.33	0.28	0.23	0.35	0.00	0%
NC_752	10	4389	0.70	0.69	0.06	0.70	0.70	0.66	0.71	0.38	0.61	0.58	0.48	0.71	0.01	1%
NC_753	20	4450	0.43	0.42	0.05	0.43	0.41	0.42	0.43	0.25	0.42	0.37	0.31	0.43	0.00	0%
NC_754	120	4642	0.42	0.40	0.11	0.41	0.11	0.19	0.17	0.37	0.41	0.36	0.37	0.41	0.00	0%
NC_755	20	4451	0.43	0.41	0.05	0.43	0.41	0.43	0.43	0.32	0.44	0.44	0.38	0.44	0.01	2%
NC_756	120	4644	74.52	75.17	4.24	75.39	21.11	37.63	37.75	74.95	75.86	71.90	67.28	75.86	0.47	1%
NC_757	120	4645	0.21	0.19	0.08	0.22	0.14	0.19	0.15	0.16	0.24	0.22	0.20	0.24	0.02	9%
NC_758	20	4446	0.24	0.23	0.04	0.24	0.22	0.25	0.23	0.17	0.28	0.25	0.21	0.28	0.04	17%
NC_759	10	4389	0.42	0.41	0.04	0.41	0.41	0.39	0.42	0.21	0.38	0.32	0.27	0.42	0.01	2%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_760	10	4389	1.70	1.68	0.10	1.69	1.69	1.54	1.72	0.94	1.37	1.43	1.19	1.72	0.03	2%
NC_761	120	4642	0.19	0.18	0.07	0.20	0.06	0.13	0.10	0.15	0.20	0.20	0.18	0.20	0.00	0%
NC_762	25	4489	0.46	0.43	0.06	0.44	0.37	0.46	0.43	0.36	0.45	0.52	0.41	0.52	0.08	18%
NC_763	120	4642	0.72	0.64	0.24	0.65	0.33	0.44	0.45	0.61	0.65	0.76	0.70	0.76	0.11	17%
NC_764	120	4642	0.20	0.19	0.07	0.21	0.08	0.14	0.11	0.16	0.21	0.21	0.19	0.21	0.00	0%
NC_765	45	4553	0.70	0.72	0.10	0.75	0.41	0.63	0.66	0.52	0.54	0.73	0.56	0.73	-0.02	-3%
NC_766	10	4389	0.94	0.92	0.07	0.93	0.93	0.85	0.94	0.48	0.76	0.74	0.62	0.94	0.01	1%
NC_767	120	4642	6.47	6.71	0.80	6.82	1.33	2.84	2.85	6.60	6.82	6.50	5.84	6.82	0.00	0%
NC_768	10	4389	0.37	0.36	0.03	0.36	0.36	0.35	0.37	0.18	0.34	0.29	0.24	0.37	0.01	3%
NC_769	45	4553	2.70	2.76	0.30	2.76	1.24	2.04	2.13	2.40	2.39	2.86	2.53	2.86	0.10	4%
NC_770	120	4644	74.37	74.92	4.23	75.00	20.84	37.29	37.40	74.85	75.83	71.94	67.32	75.83	0.83	1%
NC_771	10	4389	0.52	0.50	0.05	0.50	0.50	0.49	0.52	0.27	0.47	0.41	0.34	0.52	0.02	4%
NC_772	20	4450	0.31	0.31	0.04	0.31	0.30	0.30	0.31	0.18	0.31	0.27	0.23	0.31	0.00	0%
NC_773	60	4578	0.22	0.22	0.05	0.24	0.17	0.21	0.18	0.17	0.25	0.23	0.20	0.25	0.01	4%
NC_774	10	4389	1.77	1.75	0.11	1.76	1.76	1.62	1.79	0.97	1.43	1.48	1.23	1.79	0.03	2%
NC_775	20	4450	0.52	0.50	0.06	0.51	0.50	0.49	0.51	0.28	0.48	0.43	0.36	0.51	0.00	0%
NC_776	120	4642	0.35	0.32	0.12	0.34	0.14	0.21	0.18	0.29	0.34	0.36	0.35	0.36	0.02	6%
NC_777	45	4553	2.55	2.63	0.36	2.69	1.48	2.15	2.29	2.19	2.11	2.70	2.36	2.70	0.01	0%
NC_778	20	4450	0.33	0.33	0.04	0.33	0.32	0.32	0.33	0.18	0.32	0.28	0.23	0.33	0.00	0%
NC_779	45	4553	3.04	3.16	0.39	3.27	1.90	2.69	2.81	2.51	2.52	3.20	2.54	3.20	-0.07	-2%
NC_780	45	4553	1.92	1.99	0.24	2.05	1.17	1.64	1.74	1.70	1.73	2.03	1.72	2.03	-0.02	-1%
NC_781	120	4642	0.39	0.35	0.12	0.36	0.06	0.16	0.15	0.33	0.36	0.37	0.36	0.37	0.01	3%
NC_782	10	4389	0.55	0.54	0.05	0.54	0.54	0.51	0.55	0.26	0.47	0.41	0.34	0.55	0.01	2%
NC_783	120	4642	0.41	0.38	0.14	0.43	0.30	0.35	0.31	0.33	0.43	0.45	0.40	0.45	0.02	5%
NC_784	20	4445	1.81	1.75	0.16	1.78	1.80	1.65	1.87	1.12	1.50	1.68	1.43	1.87	0.09	5%
NC_785	120	4642	1.20	1.06	0.39	1.09	0.66	0.78	0.77	1.02	1.09	1.23	1.15	1.23	0.14	13%
NC_786	10	4389	0.39	0.37	0.04	0.38	0.38	0.36	0.38	0.19	0.35	0.30	0.25	0.38	0.00	0%
NC_787	45	4553	2.57	2.64	0.39	2.77	1.81	2.32	2.54	2.16	2.11	2.73	2.37	2.73	-0.04	-1%
NC_788	120	4642	0.21	0.19	0.07	0.21	0.04	0.12	0.10	0.17	0.21	0.21	0.20	0.21	0.00	0%
NC_789	120	4642	6.48	6.71	0.81	6.82	1.36	2.87	2.88	6.61	6.82	6.48	5.81	6.82	0.00	0%
NC_790	20	4451	0.37	0.35	0.04	0.36	0.36	0.36	0.37	0.22	0.36	0.34	0.28	0.37	0.01	3%
NC_791	10	4389	0.67	0.66	0.05	0.67	0.67	0.63	0.68	0.37	0.59	0.57	0.48	0.68	0.01	1%
NC_792	20	4449	2.01	1.95	0.19	1.96	1.94	1.89	2.08	1.30	1.72	1.93	1.63	2.08	0.12	6%
NC_793	10	4389	1.14	1.13	0.06	1.14	1.14	1.06	1.18	0.63	0.92	0.98	0.80	1.18	0.04	4%
NC_794	20	4449	2.33	2.28	0.23	2.33	2.16	2.18	2.43	1.63	2.02	2.38	2.02	2.43	0.10	4%
NC_795	10	4389	0.46	0.45	0.04	0.45	0.45	0.42	0.46	0.20	0.37	0.31	0.25	0.46	0.01	2%
NC_796	120	4642	0.41	0.38	0.12	0.39	0.09	0.19	0.18	0.36	0.39	0.38	0.37	0.39	0.00	0%
NC_797	20	4449	2.13	2.08	0.19	2.10	2.04	1.98	2.22	1.55	1.79	2.12	1.82	2.22	0.12	6%
NC_798	120	4645	0.26	0.25	0.09	0.28	0.16	0.22	0.17	0.21	0.29	0.28	0.25	0.29	0.01	4%
NC_799	20	4450	0.32	0.31	0.04	0.32	0.31	0.31	0.32	0.18	0.32	0.27	0.23	0.32	0.00	0%
NC_800	120	4645	0.22	0.20	0.08	0.23	0.13	0.17	0.13	0.17	0.23	0.23	0.21	0.23	0.00	0%
NC_801	120	4642	0.20	0.19	0.07	0.20	0.04	0.11	0.09	0.16	0.20	0.20	0.19	0.20	0.00	0%
NC_802	20	4449	0.78	0.78	0.09	0.79	0.73	0.77	0.79	0.52	0.69	0.78	0.64	0.79	0.00	0%
NC_803	120	4643	1.09	1.10	0.24	1.12	0.75	0.89	0.87	0.96	1.09	1.07	0.97	1.09	-0.03	-3%
NC_804	10	4389	0.85	0.84	0.07	0.85	0.85	0.80	0.87	0.45	0.72	0.70	0.58	0.87	0.02	2%
NC_805	10	4389	1.65	1.63	0.10	1.64	1.64	1.51	1.65	0.95	1.42	1.45	1.23	1.65	0.01	1%
NC_806	20	4450	0.40	0.39	0.05	0.40	0.39	0.38	0.40	0.22	0.38	0.34	0.28	0.40	0.00	0%
NC_807	10	4389	0.40	0.39	0.04	0.39	0.39	0.38	0.40	0.20	0.36	0.31	0.26	0.40	0.01	3%
NC_808	120	4642	0.18	0.16	0.06	0.18	0.01	0.09	0.08	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_809	20	4451	0.62	0.60	0.07	0.60	0.61	0.60	0.64	0.36	0.55	0.55	0.46	0.64	0.04	7%
NC_810	120	4642	0.20	0.19	0.07	0.21	0.12	0.15	0.13	0.16	0.21	0.22	0.21	0.22	0.01	5%
NC_811	120	4645	0.22	0.21	0.08	0.24	0.13	0.18	0.14	0.18	0.25	0.24	0.21	0.25	0.01	4%
NC_812	10	4389	0.42	0.41	0.04	0.41	0.41	0.40	0.42	0.22	0.39	0.33	0.28	0.42	0.01	2%
NC_813	20	4450	0.33	0.32	0.04	0.33	0.32	0.32	0.33	0.18	0.32	0.28	0.23	0.33	0.00	0%
NC_814	20	4449	1.53	1.49	0.14	1.49	1.50	1.42	1.58	1.20	1.37	1.60	1.40	1.60	0.11	7%
NC_815	120	4642	6.42	6.58	0.82	6.68	1.40	2.90	2.91	6.49	6.68	6.40	5.70	6.68	0.00	0%
NC_816	20	4450	0.31	0.31	0.04	0.31	0.30	0.31	0.31	0.18	0.31	0.27	0.23	0.31	0.00	0%
NC_817	10	4389	0.42	0.41	0.04	0.41	0.41	0.39	0.42	0.20	0.37	0.32	0.26	0.42	0.01	2%
NC_818	10	4389	0.39	0.38	0.04	0.38	0.38	0.37	0.39	0.19	0.35	0.30	0.25	0.39	0.01	3%
NC_819	10	4389	0.44	0.43	0.04	0.43	0.43	0.40	0.44	0.20	0.37	0.31	0.26	0.44	0.01	2%
NC_820	20	4450	0.36	0.35	0.04	0.36	0.35	0.34	0.36	0.19	0.33	0.29	0.24	0.36	0.00	0%
NC_821	20	4450	0.38	0.37	0.05	0.38	0.37	0.37	0.38	0.21	0.37	0.32	0.27	0.38	0.00	0%
NC_822	10	4389	0.41	0.39	0.04	0.40	0.40	0.38	0.41	0.20	0.36	0.31	0.26	0.41	0.01	2%
NC_823	120	4645	0.20	0.19	0.07	0.22	0.10	0.16	0.12	0.16	0.22	0.22	0.19	0.22	0.00	0%
NC_824	10	4389	1.34	1.33	0.08	1.33	1.33	1.26	1.36	1.04	1.26	1.39	1.23	1.39	0.06	5%
NC_825	120	4642	0.28	0.27	0.10	0.30	0.11	0.19	0.15	0.23	0.30	0.29	0.27	0.30	0.00	0%
NC_826	20	4450	0.34	0.33	0.04	0.33	0.32	0.33	0.33	0.19	0.33	0.29	0.24	0.33	0.00	0%
NC_827	120	4642	6.24	6.30	0.85	6.41	1.46	2.91	2.93	6.19	6.41	6.20	5.49	6.41	0.00	0%
NC_828	25	4481	0.41	0.40	0.07	0.40	0.38	0.43	0.41	0.33	0.44	0.46	0.39	0.46	0.06	15%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_829	120	4643	0.91	0.94	0.19	0.96	0.54	0.69	0.64	0.81	0.92	0.84	0.84	0.92	-0.04	-4%
NC_830	120	4642	0.84	0.78	0.28	0.85	0.74	0.74	0.76	0.69	0.85	0.89	0.80	0.89	0.04	5%
NC_831	20	4450	0.32	0.31	0.04	0.31	0.30	0.31	0.31	0.18	0.32	0.28	0.23	0.32	0.01	3%
NC_832	120	4643	0.82	0.82	0.20	0.82	0.45	0.57	0.51	0.73	0.82	0.75	0.74	0.82	0.00	0%
NC_833	20	4446	0.24	0.23	0.04	0.24	0.22	0.25	0.23	0.18	0.28	0.25	0.22	0.28	0.04	17%
NC_834	120	4642	6.24	6.29	0.87	6.44	1.55	2.98	3.01	6.14	6.44	6.16	5.45	6.44	0.00	0%
NC_835	120	4642	0.39	0.37	0.12	0.41	0.26	0.29	0.27	0.32	0.41	0.38	0.36	0.41	0.00	0%
NC_836	120	4642	0.21	0.20	0.07	0.23	0.19	0.21	0.20	0.17	0.23	0.24	0.21	0.24	0.01	4%
NC_837	120	4642	0.19	0.18	0.07	0.20	0.06	0.13	0.10	0.15	0.20	0.20	0.18	0.20	0.00	0%
NC_838	120	4642	0.20	0.19	0.07	0.21	0.16	0.18	0.17	0.17	0.21	0.23	0.20	0.23	0.02	10%
NC_839	120	4642	5.85	5.91	0.83	6.05	1.60	2.89	2.93	5.76	6.05	5.79	5.11	6.05	0.00	0%
NC_840	120	4643	0.70	0.64	0.20	0.65	0.30	0.41	0.40	0.62	0.64	0.68	0.64	0.68	0.03	5%
NC_841	120	4645	0.24	0.22	0.09	0.25	0.15	0.20	0.16	0.19	0.27	0.25	0.23	0.27	0.02	8%
NC_842	120	4643	0.79	0.78	0.18	0.80	0.38	0.46	0.43	0.70	0.75	0.68	0.71	0.75	-0.05	-6%
NC_843	120	4642	0.36	0.33	0.11	0.36	0.18	0.26	0.22	0.30	0.36	0.37	0.33	0.37	0.01	3%
NC_844	20	4451	0.33	0.32	0.04	0.32	0.31	0.32	0.32	0.20	0.34	0.30	0.26	0.34	0.02	6%
NC_845	120	4642	5.82	5.88	0.84	6.02	1.78	2.98	3.03	5.73	6.02	5.73	5.07	6.02	0.00	0%
NC_846	45	4553	1.04	1.06	0.14	1.13	0.93	1.05	1.04	0.83	0.96	1.15	0.94	1.15	0.02	2%
NC_847	45	4553	1.43	1.49	0.17	1.52	0.76	1.19	1.23	1.18	1.19	1.49	1.21	1.49	-0.03	-2%
NC_848	120	4645	0.22	0.21	0.08	0.24	0.13	0.18	0.14	0.18	0.25	0.24	0.21	0.25	0.01	4%
NC_849	120	4642	0.19	0.17	0.07	0.19	0.04	0.11	0.09	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_850	120	4643	0.95	0.96	0.20	0.96	0.63	0.85	0.80	0.85	0.96	1.00	0.80	1.00	0.04	4%
NC_851	120	4642	4.70	4.75	0.71	4.85	1.09	2.19	2.19	4.56	4.85	4.71	4.16	4.85	0.00	0%
NC_852	120	4642	0.34	0.32	0.10	0.32	0.03	0.12	0.10	0.29	0.32	0.29	0.30	0.32	0.00	0%
NC_853	20	4450	0.36	0.35	0.04	0.35	0.35	0.34	0.35	0.19	0.34	0.29	0.25	0.35	0.00	0%
NC_854	45	4551	1.14	1.18	0.15	1.23	0.75	1.06	1.09	0.93	0.93	1.20	0.96	1.20	-0.03	-2%
NC_855	20	4446	0.48	0.47	0.06	0.47	0.46	0.47	0.48	0.32	0.49	0.46	0.39	0.49	0.02	4%
NC_856	120	4642	0.38	0.36	0.12	0.38	0.14	0.23	0.20	0.32	0.38	0.38	0.35	0.38	0.00	0%
NC_857	20	4450	0.37	0.36	0.04	0.37	0.36	0.35	0.37	0.19	0.34	0.30	0.25	0.37	0.00	0%
NC_858	120	4642	0.80	0.81	0.19	0.84	0.65	0.76	0.72	0.69	0.84	0.83	0.66	0.84	0.00	0%
NC_859	120	4645	0.20	0.19	0.07	0.21	0.09	0.15	0.11	0.16	0.21	0.21	0.19	0.21	0.00	0%
NC_860	120	4642	3.58	3.64	0.54	3.69	0.75	1.72	1.73	3.52	3.69	3.67	3.22	3.69	0.00	0%
NC_861	20	4450	0.36	0.35	0.04	0.35	0.34	0.34	0.35	0.19	0.33	0.29	0.24	0.35	0.00	0%
NC_862	120	4642	0.62	0.62	0.16	0.65	0.48	0.53	0.51	0.52	0.65	0.60	0.51	0.65	0.00	0%
NC_863	120	4642	3.30	3.33	0.54	3.36	0.76	1.69	1.71	3.14	3.36	3.40	3.00	3.40	0.04	1%
NC_864	20	4450	0.34	0.33	0.04	0.34	0.33	0.33	0.34	0.19	0.33	0.29	0.24	0.34	0.00	0%
NC_865	120	4642	0.36	0.33	0.11	0.35	0.16	0.25	0.22	0.30	0.35	0.37	0.33	0.37	0.02	6%
NC_866	120	4645	0.21	0.19	0.08	0.22	0.15	0.19	0.16	0.16	0.24	0.23	0.20	0.24	0.02	9%
NC_867	45	4549	0.44	0.45	0.06	0.47	0.35	0.44	0.40	0.36	0.46	0.51	0.41	0.51	0.04	9%
NC_868	45	4553	1.95	1.97	0.10	1.97	0.57	1.18	1.19	1.78	1.89	2.09	1.76	2.09	0.12	6%
NC_869	120	4636	1.33	1.34	0.23	1.36	0.28	0.63	0.64	1.25	1.32	1.31	1.23	1.32	-0.04	-3%
NC_870	120	4642	1.39	1.39	0.22	1.40	0.25	0.61	0.62	1.35	1.40	1.37	1.27	1.40	0.00	0%
NC_871	120	4642	0.34	0.32	0.11	0.34	0.14	0.22	0.19	0.28	0.34	0.35	0.31	0.35	0.01	3%
NC_872	45	4554	1.46	1.46	0.09	1.46	0.51	0.97	0.98	1.23	1.31	1.52	1.24	1.52	0.06	4%
NC_873	120	4642	0.57	0.54	0.16	0.56	0.26	0.43	0.42	0.51	0.56	0.61	0.50	0.61	0.05	9%
NC_874	60	4578	0.23	0.23	0.05	0.25	0.20	0.23	0.21	0.17	0.27	0.25	0.21	0.27	0.02	8%
NC_875	120	4643	1.26	1.28	0.25	1.33	0.31	0.66	0.67	1.16	1.22	1.25	1.18	1.25	-0.08	-6%
NC_876	45	4552	1.26	1.28	0.12	1.29	0.57	0.96	0.99	0.98	1.02	1.29	1.01	1.29	0.00	0%
NC_877	120	4643	1.20	1.19	0.27	1.22	0.36	0.70	0.71	1.09	1.12	1.20	1.12	1.20	-0.02	-2%
NC_878	60	4581	0.42	0.41	0.08	0.42	0.38	0.43	0.41	0.34	0.45	0.47	0.40	0.47	0.05	12%
NC_879	45	4553	1.21	1.25	0.15	1.27	0.68	1.03	1.08	0.91	0.89	1.24	0.94	1.24	-0.03	-2%
NC_880	120	4643	0.44	0.42	0.11	0.44	0.05	0.13	0.12	0.39	0.41	0.36	0.40	0.41	-0.03	-7%
NC_881	10	4389	0.39	0.37	0.04	0.38	0.38	0.37	0.39	0.20	0.35	0.30	0.25	0.39	0.01	3%
NC_882	120	4642	0.26	0.24	0.09	0.28	0.13	0.19	0.14	0.21	0.28	0.27	0.24	0.28	0.00	0%
NC_883	120	4643	1.14	1.09	0.30	1.10	0.49	0.78	0.79	1.03	1.05	1.16	1.04	1.16	0.06	5%
NC_884	20	4451	0.31	0.30	0.04	0.31	0.29	0.31	0.30	0.19	0.32	0.28	0.24	0.32	0.01	3%
NC_885	20	4450	0.36	0.35	0.04	0.36	0.35	0.34	0.36	0.18	0.33	0.29	0.24	0.36	0.00	0%
NC_886	20	4451	0.99	1.01	0.12	1.01	0.90	1.01	1.01	0.65	0.84	0.99	0.75	1.01	0.00	0%
NC_887	20	4451	0.53	0.53	0.07	0.54	0.51	0.54	0.55	0.34	0.49	0.51	0.41	0.55	0.01	2%
NC_888	20	4451	0.31	0.30	0.04	0.30	0.29	0.30	0.30	0.19	0.32	0.28	0.24	0.32	0.02	7%
NC_889	120	4642	0.19	0.17	0.07	0.19	0.04	0.11	0.09	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_890	120	4642	0.54	0.51	0.15	0.51	0.13	0.25	0.24	0.47	0.51	0.50	0.48	0.51	0.00	0%
NC_891	120	4642	0.19	0.18	0.07	0.20	0.07	0.13	0.10	0.15	0.20	0.20	0.18	0.20	0.00	0%
NC_892	120	4645	0.21	0.19	0.07	0.22	0.11	0.16	0.12	0.16	0.22	0.22	0.20	0.22	0.00	0%
NC_893	120	4642	0.25	0.23	0.09	0.26	0.07	0.15	0.12	0.20	0.26	0.25	0.24	0.26	0.00	0%
NC_894	120	4645	0.27	0.25	0.09	0.28	0.15	0.21	0.16	0.21	0.29	0.28	0.25	0.29	0.01	4%
NC_895	120	4642	0.18	0.17	0.06	0.19	0.03	0.10	0.08	0.15	0.19	0.19	0.17	0.19	0.00	0%
NC_896	120	4642	0.18	0.17	0.06	0.18	0.01	0.09	0.08	0.15	0.18	0.19	0.18	0.19	0.01	6%
NC_897	120	4642	0.19	0.18	0.07	0.20	0.05	0.12	0.09	0.15	0.20	0.20	0.18	0.20	0.00	0%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_898	120	4643	0.62	0.57	0.18	0.58	0.09	0.21	0.20	0.56	0.55	0.57	0.57	0.57	-0.01	-2%
NC_899	120	4642	0.22	0.20	0.07	0.22	0.01	0.10	0.09	0.18	0.22	0.22	0.20	0.22	0.00	0%
NC_900	120	4642	0.39	0.37	0.12	0.38	0.12	0.20	0.18	0.34	0.38	0.36	0.35	0.38	0.00	0%
NC_901	120	4645	0.22	0.21	0.08	0.24	0.13	0.19	0.15	0.17	0.25	0.24	0.21	0.25	0.01	4%
NC_902	120	4642	0.37	0.34	0.12	0.37	0.22	0.29	0.24	0.30	0.37	0.39	0.34	0.39	0.02	5%
NC_903	120	4642	0.81	0.76	0.24	0.78	0.45	0.49	0.48	0.71	0.78	0.75	0.73	0.78	0.00	0%
NC_904	20	4450	0.35	0.34	0.04	0.35	0.34	0.33	0.35	0.18	0.33	0.28	0.23	0.35	0.00	0%
NC_905	120	4643	0.82	0.78	0.21	0.80	0.29	0.44	0.43	0.74	0.75	0.75	0.75	0.75	-0.05	-6%
NC_906	120	4642	0.20	0.19	0.07	0.20	0.02	0.10	0.08	0.17	0.20	0.20	0.19	0.20	0.00	0%
NC_907	20	4450	0.59	0.59	0.08	0.60	0.55	0.61	0.60	0.40	0.58	0.60	0.48	0.61	0.01	2%
NC_908	120	4636	1.13	1.13	0.15	1.13	0.21	0.37	0.34	1.13	1.12	0.97	0.95	1.13	0.00	0%
NC_909	60	4578	0.22	0.22	0.05	0.25	0.17	0.21	0.18	0.17	0.25	0.24	0.21	0.25	0.00	0%
NC_910	120	4642	0.18	0.17	0.06	0.18	0.02	0.10	0.08	0.15	0.18	0.19	0.17	0.19	0.01	6%
NC_911	60	4578	0.15	0.15	0.04	0.17	0.13	0.16	0.14	0.11	0.19	0.16	0.14	0.19	0.02	12%
NC_912	20	4451	0.30	0.29	0.04	0.29	0.28	0.29	0.29	0.18	0.31	0.27	0.23	0.31	0.02	7%
NC_913	20	4445	1.19	1.15	0.11	1.16	1.19	1.11	1.24	0.78	0.99	1.14	0.97	1.24	0.08	7%
NC_914	20	4451	1.01	1.00	0.12	1.01	0.98	1.01	1.04	0.65	0.91	0.98	0.78	1.04	0.03	3%
NC_915	10	4389	0.93	0.92	0.06	0.92	0.92	0.86	0.94	0.61	0.82	0.89	0.76	0.94	0.02	2%
NC_916	20	4450	0.38	0.37	0.05	0.38	0.37	0.36	0.38	0.20	0.35	0.31	0.25	0.38	0.00	0%
NC_917	120	4643	0.48	0.44	0.14	0.45	0.04	0.14	0.14	0.43	0.44	0.42	0.44	0.44	-0.01	-2%
NC_918	120	4642	0.19	0.18	0.07	0.20	0.07	0.14	0.10	0.15	0.20	0.20	0.18	0.20	0.00	0%
NC_919	120	4642	0.68	0.64	0.20	0.68	0.46	0.54	0.49	0.58	0.68	0.68	0.60	0.68	0.00	0%
NC_920	20	4449	1.30	1.26	0.12	1.28	1.28	1.24	1.35	1.00	1.12	1.34	1.17	1.35	0.07	5%
NC_921	20	4450	0.35	0.34	0.04	0.35	0.34	0.34	0.35	0.19	0.34	0.30	0.25	0.35	0.00	0%
NC_922	120	4642	0.18	0.16	0.06	0.18	0.01	0.09	0.08	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_923	120	4642	0.31	0.29	0.09	0.29	0.01	0.10	0.09	0.27	0.29	0.27	0.28	0.29	0.00	0%
NC_924	120	4642	0.18	0.17	0.06	0.18	0.02	0.09	0.08	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_925	120	4636	1.85	1.89	0.33	1.95	0.98	1.45	1.45	1.69	1.82	1.84	1.72	1.84	-0.11	-6%
NC_926	120	4643	0.57	0.54	0.15	0.56	0.05	0.15	0.14	0.51	0.51	0.48	0.52	0.52	-0.04	-7%
NC_927	120	4642	0.19	0.18	0.07	0.20	0.04	0.11	0.09	0.16	0.20	0.20	0.18	0.20	0.00	0%
NC_928	120	4642	0.26	0.25	0.09	0.28	0.14	0.20	0.15	0.21	0.28	0.27	0.25	0.28	0.00	0%
NC_929	20	4445	0.97	0.93	0.09	0.93	0.95	0.92	0.99	0.80	0.95	1.05	0.93	1.05	0.12	13%
NC_930	45	4553	4.76	4.89	0.67	5.08	3.39	4.37	4.72	3.92	3.78	5.00	4.23	5.00	-0.08	-2%
NC_931	20	4450	0.44	0.43	0.05	0.44	0.43	0.42	0.44	0.23	0.40	0.35	0.29	0.44	0.00	0%
NC_932	120	4641	2.36	2.37	0.38	2.44	0.65	0.90	0.91	2.22	2.30	1.99	2.09	2.30	-0.14	-6%
NC_933	20	4450	0.34	0.33	0.04	0.34	0.33	0.33	0.34	0.19	0.33	0.28	0.24	0.34	0.00	0%
NC_934	20	4450	0.36	0.35	0.04	0.35	0.34	0.34	0.35	0.19	0.34	0.29	0.24	0.35	0.00	0%
NC_935	120	4642	0.39	0.36	0.12	0.38	0.16	0.24	0.22	0.33	0.38	0.39	0.36	0.39	0.01	3%
NC_936	120	4643	0.67	0.67	0.14	0.70	0.02	0.16	0.15	0.60	0.64	0.56	0.63	0.64	-0.06	-9%
NC_937	120	4636	2.08	2.10	0.35	2.13	1.09	1.65	1.68	1.95	2.07	2.11	1.89	2.11	-0.02	-1%
NC_938	10	4389	0.62	0.61	0.05	0.61	0.61	0.59	0.62	0.36	0.57	0.55	0.46	0.62	0.01	2%
NC_939	120	4645	0.24	0.22	0.09	0.26	0.13	0.19	0.15	0.19	0.26	0.25	0.23	0.26	0.00	0%
NC_940	120	4641	2.52	2.55	0.38	2.61	0.74	1.09	1.12	2.43	2.49	2.15	2.24	2.49	-0.12	-5%
NC_941	120	4636	0.75	0.77	0.14	0.80	0.03	0.16	0.16	0.69	0.74	0.64	0.71	0.74	-0.06	-8%
NC_942	120	4645	0.20	0.19	0.07	0.21	0.10	0.16	0.11	0.16	0.22	0.21	0.19	0.22	0.01	5%
NC_943	20	4450	0.51	0.50	0.06	0.51	0.50	0.49	0.51	0.27	0.47	0.42	0.35	0.51	0.00	0%
NC_944	20	4451	0.30	0.29	0.04	0.29	0.28	0.29	0.29	0.18	0.31	0.27	0.23	0.31	0.02	7%
NC_945	120	4642	0.18	0.17	0.06	0.18	0.02	0.09	0.08	0.15	0.18	0.19	0.17	0.19	0.01	6%
NC_946	20	4450	0.34	0.33	0.04	0.34	0.33	0.33	0.34	0.18	0.33	0.28	0.24	0.34	0.00	0%
NC_947	120	4642	0.18	0.17	0.06	0.18	0.02	0.09	0.08	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_948	120	4641	1.11	1.12	0.20	1.15	0.04	0.24	0.23	1.03	1.09	0.91	1.03	1.09	-0.06	-5%
NC_949	120	4636	2.57	2.59	0.37	2.64	0.57	1.01	1.04	2.48	2.54	2.23	2.29	2.54	-0.10	-4%
NC_950	1800	4899	0.69	0.48	0.53	0.48	0.18	0.22	0.19	0.24	0.26	0.27	0.37	0.37	-0.11	-23%
NC_951	120	4643	1.39	1.37	0.32	1.39	0.72	1.02	0.99	1.26	1.33	1.40	1.28	1.40	0.01	1%
NC_952	20	4450	0.35	0.34	0.04	0.34	0.33	0.34	0.34	0.19	0.34	0.29	0.25	0.34	0.00	0%
NC_953	20	4450	0.41	0.40	0.05	0.41	0.40	0.39	0.41	0.21	0.38	0.33	0.27	0.41	0.00	0%
NC_954	120	4642	0.21	0.20	0.07	0.22	0.07	0.14	0.11	0.17	0.22	0.22	0.20	0.22	0.00	0%
NC_955	120	4642	0.20	0.18	0.07	0.20	0.05	0.12	0.09	0.16	0.20	0.20	0.19	0.20	0.00	0%
NC_956	45	4551	2.68	2.76	0.22	2.81	1.44	2.15	2.20	2.49	2.58	2.79	2.44	2.79	-0.02	-1%
NC_957	20	4451	1.12	1.08	0.12	1.09	1.10	1.09	1.13	0.85	1.10	1.19	1.02	1.19	0.10	9%
NC_958	120	4642	0.19	0.17	0.06	0.19	0.02	0.10	0.08	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_959	10	4389	0.91	0.90	0.06	0.91	0.91	0.86	0.93	0.59	0.81	0.86	0.73	0.93	0.02	2%
NC_960	45	4553	5.29	5.48	0.64	5.71	3.54	4.65	4.96	4.38	4.42	5.60	4.45	5.60	-0.11	-2%
NC_961	60	4574	0.46	0.46	0.09	0.48	0.42	0.46	0.44	0.37	0.51	0.51	0.43	0.51	0.03	6%
NC_962	120	4642	0.18	0.17	0.06	0.18	0.01	0.09	0.08	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_963	20	4451	0.61	0.59	0.07	0.59	0.60	0.59	0.61	0.41	0.61	0.60	0.51	0.61	0.02	3%
NC_964	120	4636	3.98	4.01	0.60	4.09	0.59	1.37	1.39	3.84	3.93	3.39	3.56	3.93	-0.16	-4%
NC_965	120	4642	0.34	0.32	0.10	0.32	0.03	0.13	0.13	0.30	0.32	0.32	0.31	0.32	0.00	0%
NC_966	60	4578	0.24	0.24	0.06	0.27	0.18	0.23	0.20	0.18	0.28	0.26	0.22	0.28	0.01	4%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_967	45	4553	5.22	5.39	0.60	5.51	3.01	4.37	4.58	4.39	4.53	5.48	4.46	5.48	-0.03	-1%
NC_968	120	4642	0.57	0.53	0.17	0.54	0.31	0.39	0.37	0.50	0.54	0.57	0.52	0.57	0.03	6%
NC_969	1800	4899	0.67	0.46	0.57	0.46	0.00	0.01	0.01	0.24	0.24	0.26	0.35	0.35	-0.11	-24%
NC_970	45	4553	1.15	1.17	0.16	1.23	0.89	1.11	1.20	0.86	0.92	1.20	0.97	1.20	-0.03	-2%
NC_971	45	4553	3.17	3.15	0.12	3.16	1.52	2.49	2.52	2.90	3.06	3.33	2.76	3.33	0.17	5%
NC_972	20	4449	1.70	1.66	0.16	1.68	1.61	1.59	1.76	1.28	1.53	1.79	1.57	1.79	0.11	7%
NC_973	120	4640	11.55	11.61	0.20	11.65	2.85	5.19	5.19	11.65	11.72	11.12	10.68	11.72	0.07	1%
NC_974	270	4715	12.22	11.58	2.06	11.90	4.35	7.28	7.48	11.35	11.50	10.71	13.75	13.75	1.85	16%
NC_975	10	4389	0.56	0.56	0.04	0.56	0.56	0.52	0.57	0.29	0.47	0.46	0.38	0.57	0.01	2%
NC_976	270	4715	12.15	11.53	2.08	11.86	4.35	7.26	7.45	11.28	11.27	10.54	13.65	13.65	1.79	15%
NC_977	270	4715	11.89	11.34	2.12	11.69	4.40	7.13	7.34	11.05	10.95	9.96	13.31	13.31	1.62	14%
NC_978	120	4642	23.65	23.74	1.25	23.88	7.11	12.31	12.49	23.88	23.88	20.90	24.81	24.81	0.93	4%
NC_979	120	4642	24.31	24.38	1.23	24.50	7.44	12.57	12.69	24.64	24.50	21.57	25.35	25.35	0.85	3%
NC_980	120	4642	17.97	18.59	1.70	18.70	5.33	9.57	9.64	18.49	18.70	18.11	16.35	18.70	0.00	0%
NC_981	120	4638	43.90	44.66	2.79	44.68	12.34	20.66	20.72	45.69	45.93	42.54	42.95	45.93	1.25	3%
NC_982	120	4642	11.70	11.70	1.07	11.72	4.70	7.81	7.82	11.25	11.72	12.02	10.28	12.02	0.30	3%
NC_983	120	4642	12.08	12.16	1.05	12.16	4.65	7.75	7.75	11.98	12.16	12.50	10.61	12.50	0.34	3%
NC_984	10	4389	0.90	0.89	0.05	0.89	0.89	0.82	0.91	0.49	0.72	0.76	0.62	0.91	0.02	2%
NC_985	20	4450	0.41	0.40	0.05	0.40	0.39	0.40	0.40	0.24	0.41	0.36	0.31	0.41	0.01	2%
NC_986	45	4553	1.47	1.52	0.20	1.59	0.95	1.34	1.39	1.16	1.16	1.58	1.22	1.58	-0.01	-1%
NC_987	120	4645	0.20	0.19	0.07	0.22	0.13	0.17	0.14	0.16	0.23	0.22	0.19	0.23	0.01	5%
NC_988	20	4451	0.30	0.29	0.04	0.30	0.28	0.30	0.29	0.19	0.32	0.28	0.24	0.32	0.02	7%
NC_989	20	4445	1.96	1.89	0.18	1.90	1.94	1.84	2.03	1.20	1.67	1.83	1.53	2.03	0.13	7%
NC_990	120	4644	7.67	7.50	1.12	7.60	3.64	5.24	5.26	7.40	7.77	7.40	6.24	7.77	0.17	2%
NC_991	20	4451	0.23	0.23	0.03	0.23	0.22	0.23	0.23	0.15	0.25	0.22	0.19	0.25	0.02	9%
NC_992	45	4553	1.75	1.78	0.12	1.79	1.24	1.60	1.64	1.52	1.51	1.79	1.58	1.79	0.00	0%
NC_993	20	4445	0.60	0.57	0.06	0.58	0.60	0.57	0.60	0.39	0.55	0.58	0.49	0.60	0.02	3%
NC_994	20	4451	0.44	0.42	0.05	0.43	0.43	0.43	0.43	0.29	0.44	0.43	0.37	0.44	0.01	2%
NC_995	10	4389	0.72	0.71	0.05	0.71	0.71	0.68	0.72	0.44	0.64	0.66	0.56	0.72	0.01	1%
NC_996	10	4389	0.70	0.69	0.04	0.70	0.70	0.64	0.71	0.40	0.59	0.61	0.52	0.71	0.01	1%
NC_997	45	4553	2.04	2.09	0.27	2.19	1.84	1.93	2.12	1.64	1.79	2.18	1.98	2.18	-0.01	0%
NC_998	20	4450	0.30	0.30	0.04	0.30	0.29	0.29	0.30	0.16	0.29	0.25	0.21	0.30	0.00	0%
NC_999	10	4389	0.62	0.61	0.05	0.62	0.62	0.59	0.63	0.35	0.55	0.53	0.44	0.63	0.01	2%
NC_1000	45	4553	1.37	1.41	0.16	1.46	1.02	1.32	1.31	1.13	1.23	1.45	1.11	1.45	-0.01	-1%
NC_1001	120	4642	0.95	0.88	0.28	0.91	0.84	0.89	0.93	0.82	0.91	1.01	0.93	1.01	0.10	11%
NC_1002	10	4389	0.58	0.56	0.05	0.57	0.57	0.54	0.58	0.32	0.51	0.49	0.41	0.58	0.01	2%
NC_1003	20	4450	0.39	0.37	0.05	0.38	0.37	0.38	0.38	0.28	0.41	0.41	0.35	0.41	0.03	8%
NC_1004	120	4642	0.49	0.46	0.17	0.50	0.37	0.43	0.39	0.40	0.50	0.55	0.48	0.55	0.05	10%
NC_1005	45	4553	2.84	2.91	0.41	3.07	2.44	2.65	2.96	2.25	2.43	3.01	2.69	3.01	-0.06	-2%
NC_1006	20	4450	0.33	0.33	0.04	0.33	0.32	0.32	0.33	0.18	0.32	0.27	0.23	0.33	0.00	0%
NC_1007	45	4553	6.28	6.40	0.92	6.68	4.53	5.88	6.33	4.90	5.08	6.57	5.73	6.57	-0.11	-2%
NC_1008	20	4445	1.08	1.04	0.10	1.04	1.07	1.01	1.11	0.65	0.87	0.99	0.81	1.11	0.07	7%
NC_1009	20	4446	0.30	0.29	0.04	0.30	0.28	0.30	0.29	0.21	0.33	0.30	0.26	0.33	0.03	10%
NC_1010	20	4449	0.68	0.68	0.08	0.68	0.64	0.67	0.69	0.48	0.62	0.70	0.58	0.70	0.02	3%
NC_1011	20	4446	0.21	0.21	0.03	0.21	0.19	0.22	0.20	0.15	0.25	0.22	0.19	0.25	0.04	19%
NC_1012	120	4642	0.17	0.15	0.06	0.17	0.03	0.10	0.08	0.13	0.17	0.17	0.16	0.17	0.00	0%
NC_1013	120	4642	0.42	0.38	0.14	0.41	0.15	0.23	0.19	0.34	0.41	0.42	0.39	0.42	0.01	2%
NC_1014	120	4642	0.61	0.55	0.20	0.58	0.26	0.34	0.30	0.52	0.58	0.61	0.58	0.61	0.03	5%
NC_1015	120	4636	8.51	8.61	0.60	8.63	1.20	1.93	2.00	8.60	8.71	6.83	9.32	9.32	0.69	8%
NC_1016	120	4643	2.69	2.62	0.62	2.75	0.72	1.09	1.13	2.42	2.48	2.37	2.51	2.51	-0.24	-9%
NC_1017	120	4640	7.48	7.53	0.71	7.55	0.64	0.74	0.74	7.55	7.51	5.94	7.70	7.70	0.15	2%
NC_1018	120	4644	1.88	1.91	0.15	1.93	0.81	0.77	0.82	1.98	2.09	1.72	1.72	2.09	0.16	8%
NC_1019	120	4643	0.32	0.29	0.09	0.30	0.20	0.22	0.23	0.28	0.29	0.31	0.29	0.31	0.01	3%
NC_1020	120	4640	7.03	6.95	0.92	7.02	0.07	0.46	0.45	7.02	6.87	5.59	6.75	7.02	0.00	0%
NC_1021	120	4643	0.88	0.81	0.25	0.82	0.37	0.56	0.58	0.79	0.77	0.89	0.83	0.89	0.07	9%
NC_1022	120	4643	0.49	0.49	0.11	0.52	0.06	0.12	0.11	0.44	0.47	0.41	0.46	0.47	-0.05	-10%
NC_1023	120	4640	7.41	7.39	0.87	7.44	0.29	0.58	0.60	7.44	7.34	5.85	7.21	7.44	0.00	0%
NC_1024	120	4636	5.79	5.87	0.92	6.03	0.53	1.77	1.77	5.45	5.70	4.96	5.26	5.70	-0.33	-5%
NC_1025	120	4643	2.02	1.83	0.60	1.84	0.56	0.97	0.99	1.78	1.77	1.97	1.91	1.97	0.13	7%
NC_1026	120	4642	0.77	0.70	0.24	0.71	0.18	0.31	0.30	0.67	0.71	0.73	0.72	0.73	0.02	3%
NC_1027	120	4643	1.26	1.13	0.38	1.13	0.44	0.69	0.71	1.11	1.11	1.26	1.20	1.26	0.13	12%
NC_1028	120	4645	0.21	0.20	0.08	0.23	0.12	0.17	0.13	0.17	0.24	0.23	0.20	0.24	0.01	4%
NC_1029	60	4574	0.19	0.19	0.05	0.21	0.13	0.17	0.14	0.15	0.22	0.20	0.18	0.22	0.01	5%
NC_1030	20	4451	0.12	0.12	0.02	0.13	0.11	0.13	0.12	0.07	0.14	0.11	0.09	0.14	0.01	8%
NC_1031	120	4642	0.16	0.14	0.05	0.15	0.02	0.06	0.06	0.14	0.15	0.16	0.15	0.16	0.01	7%
NC_1032	120	4642	0.33	0.31	0.10	0.33	0.14	0.21	0.18	0.28	0.33	0.33	0.30	0.33	0.00	0%
NC_1033	120	4643	0.61	0.60	0.14	0.63	0.07	0.17	0.15	0.54	0.57	0.51	0.57	0.57	-0.06	-10%
NC_1034	120	4636	1.13	1.13	0.15	1.14	0.20	0.35	0.34	1.13	1.13	0.97	0.95	1.13	-0.01	-1%
NC_1035	60	4578	0.18	0.18	0.04	0.20	0.13	0.17	0.14	0.14	0.21	0.19	0.17	0.21	0.01	5%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_1036	4320	4924	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	#DIV/0!
NC_1037	120	4643	0.61	0.59	0.15	0.61	0.17	0.27	0.25	0.54	0.57	0.53	0.56	0.57	-0.04	-7%
NC_1038	120	4641	0.51	0.52	0.11	0.54	0.08	0.16	0.14	0.46	0.49	0.42	0.48	0.49	-0.05	-9%
NC_1039	120	4636	0.69	0.70	0.10	0.71	0.12	0.22	0.22	0.66	0.69	0.60	0.60	0.69	-0.02	-3%
NC_1040	120	4642	0.11	0.10	0.04	0.11	0.01	0.06	0.05	0.09	0.11	0.12	0.11	0.12	0.01	9%
NC_1041	120	4636	0.70	0.71	0.10	0.72	0.12	0.22	0.22	0.68	0.70	0.62	0.62	0.70	-0.02	-3%
NC_1042	120	4642	0.24	0.22	0.08	0.23	0.12	0.18	0.17	0.21	0.23	0.27	0.24	0.27	0.04	17%
NC_1043	120	4643	0.89	0.89	0.20	0.93	0.13	0.31	0.31	0.81	0.84	0.77	0.83	0.84	-0.09	-10%
NC_1044	120	4636	2.02	2.02	0.32	2.04	0.10	0.51	0.51	1.96	2.00	1.76	1.87	2.00	-0.04	-2%
NC_1045	180	4675	11.31	11.22	1.37	11.22	3.98	6.11	6.35	10.62	10.91	8.93	12.76	12.76	1.54	14%
NC_1046	120	4636	5.40	5.41	0.75	5.45	1.17	1.91	1.97	5.32	5.37	4.56	4.82	5.37	-0.08	-1%
NC_1047	120	4640	5.83	5.81	0.72	5.85	1.30	2.28	2.33	5.85	5.78	4.99	5.23	5.85	0.00	0%
NC_1048	120	4643	2.63	2.57	0.52	2.69	1.60	2.25	2.38	2.33	2.45	2.74	2.26	2.74	0.05	2%
NC_1049	90	4607	2.11	2.08	0.21	2.10	0.77	1.15	1.16	2.00	2.05	2.01	1.54	2.05	-0.05	-2%
NC_1050	90	4602	1.72	1.70	0.15	1.70	0.54	0.95	0.96	1.64	1.69	1.73	1.27	1.73	0.03	2%
NC_1051	20	4446	0.13	0.13	0.02	0.13	0.12	0.13	0.12	0.08	0.14	0.12	0.10	0.14	0.01	8%
NC_1052	120	4643	2.13	2.13	0.38	2.23	1.20	1.69	1.77	2.00	2.03	2.08	1.78	2.08	-0.15	-7%
NC_1053	20	4449	0.47	0.46	0.05	0.47	0.46	0.46	0.49	0.28	0.40	0.44	0.35	0.49	0.02	4%
NC_1054	45	4554	1.32	1.33	0.07	1.34	0.60	0.96	0.97	1.12	1.21	1.36	0.99	1.36	0.02	1%
NC_1055	20	4450	0.33	0.32	0.04	0.33	0.32	0.32	0.33	0.18	0.32	0.27	0.23	0.33	0.00	0%
NC_1056	10	4389	0.51	0.50	0.04	0.51	0.51	0.47	0.51	0.25	0.42	0.39	0.32	0.51	0.00	0%
NC_1057	10	4384	0.30	0.29	0.03	0.29	0.29	0.27	0.29	0.14	0.26	0.21	0.17	0.29	0.00	0%
NC_1058	90	4602	1.51	1.51	0.13	1.54	0.55	0.94	0.94	1.46	1.49	1.57	1.15	1.57	0.03	2%
NC_1059	120	4640	1.14	1.17	0.16	1.17	0.24	0.36	0.36	1.17	1.17	1.07	1.02	1.17	0.00	0%
NC_1060	20	4450	0.61	0.61	0.05	0.63	0.58	0.59	0.63	0.33	0.48	0.52	0.48	0.63	0.00	0%
NC_1061	45	4553	1.54	1.57	0.07	1.58	0.65	1.10	1.11	1.38	1.49	1.60	1.23	1.60	0.02	1%
NC_1062	90	4605	1.93	1.93	0.18	1.93	0.73	0.90	0.90	1.86	1.88	1.89	1.50	1.89	-0.04	-2%
NC_1063	45	4551	0.53	0.54	0.07	0.56	0.25	0.42	0.43	0.44	0.44	0.57	0.46	0.57	0.01	2%
NC_1064	45	4553	3.96	4.06	0.50	4.06	2.41	3.51	3.69	2.80	2.87	3.99	2.98	3.99	-0.07	-2%
NC_1065	45	4553	0.58	0.60	0.06	0.61	0.20	0.39	0.40	0.51	0.51	0.61	0.52	0.61	0.00	0%
NC_1066	20	4449	0.87	0.86	0.10	0.86	0.85	0.86	0.89	0.65	0.83	0.93	0.79	0.93	0.07	8%
NC_1067	20	4446	0.25	0.24	0.03	0.25	0.23	0.25	0.24	0.16	0.27	0.24	0.20	0.27	0.02	8%
NC_1068	60	4574	0.32	0.32	0.07	0.33	0.26	0.30	0.27	0.25	0.35	0.36	0.31	0.36	0.03	9%
NC_1069	10	4384	0.42	0.40	0.04	0.41	0.40	0.39	0.41	0.20	0.37	0.31	0.26	0.41	0.00	0%
NC_1070	10	4389	0.60	0.58	0.05	0.59	0.59	0.54	0.59	0.30	0.50	0.46	0.38	0.59	0.00	0%
NC_1071	20	4450	0.21	0.20	0.03	0.20	0.19	0.20	0.20	0.11	0.20	0.17	0.14	0.20	0.00	0%
NC_1072	60	4578	0.23	0.23	0.05	0.25	0.19	0.23	0.20	0.17	0.27	0.24	0.21	0.27	0.02	8%
NC_1073	20	4449	1.95	1.89	0.18	1.90	1.91	1.84	2.01	1.24	1.69	1.86	1.55	2.01	0.11	6%
NC_1074	20	4449	2.84	2.83	0.28	2.91	2.55	2.69	3.00	1.97	2.33	2.88	2.41	3.00	0.09	3%
NC_1075	20	4451	0.93	0.89	0.10	0.90	0.91	0.90	0.92	0.65	0.94	0.95	0.81	0.95	0.05	6%
NC_1076	120	4642	0.16	0.15	0.06	0.17	0.05	0.11	0.08	0.13	0.17	0.17	0.15	0.17	0.00	0%
NC_1077	120	4645	0.10	0.09	0.04	0.10	0.04	0.08	0.06	0.08	0.11	0.11	0.10	0.11	0.01	10%
NC_1078	20	4449	0.74	0.74	0.08	0.74	0.71	0.73	0.76	0.46	0.63	0.71	0.57	0.76	0.02	3%
NC_1079	45	4553	1.16	1.18	0.16	1.23	0.85	1.12	1.18	0.84	0.92	1.21	0.89	1.21	-0.02	-2%
NC_1080	20	4450	0.21	0.21	0.03	0.21	0.20	0.21	0.21	0.11	0.20	0.17	0.14	0.21	0.00	0%
NC_1081	120	4642	0.45	0.43	0.12	0.43	0.14	0.24	0.23	0.40	0.43	0.42	0.39	0.43	0.00	0%
NC_1082	45	4549	0.41	0.43	0.06	0.45	0.30	0.40	0.39	0.33	0.41	0.48	0.38	0.48	0.03	7%
NC_1083	120	4645	0.16	0.15	0.06	0.17	0.09	0.13	0.10	0.12	0.18	0.17	0.15	0.18	0.01	6%
NC_1084	120	4642	0.30	0.28	0.10	0.31	0.11	0.19	0.15	0.24	0.31	0.30	0.28	0.31	0.00	0%
NC_1085	120	4642	0.45	0.42	0.12	0.43	0.16	0.26	0.25	0.40	0.43	0.43	0.40	0.43	0.00	0%
NC_1086	60	4578	0.17	0.17	0.04	0.19	0.13	0.16	0.14	0.13	0.20	0.18	0.16	0.20	0.01	5%
NC_1087	120	4643	1.01	1.03	0.21	1.04	0.68	0.81	0.76	0.89	1.02	0.97	0.90	1.02	-0.02	-2%
NC_1088	20	4451	0.53	0.53	0.07	0.54	0.51	0.54	0.54	0.39	0.52	0.55	0.46	0.55	0.01	2%
NC_1089	120	4642	0.31	0.29	0.10	0.32	0.27	0.31	0.30	0.25	0.32	0.35	0.29	0.35	0.03	9%
NC_1090	60	4574	0.19	0.19	0.05	0.21	0.13	0.17	0.14	0.14	0.22	0.20	0.18	0.22	0.01	5%
NC_1091	20	4451	0.83	0.82	0.10	0.83	0.80	0.83	0.85	0.59	0.77	0.85	0.70	0.85	0.02	2%
NC_1092	120	4642	6.48	6.72	0.81	6.82	1.38	2.88	2.90	6.61	6.82	6.47	5.79	6.82	0.00	0%
NC_1093	120	4643	1.10	1.11	0.22	1.17	0.62	0.84	0.89	0.99	1.06	1.09	1.00	1.09	-0.08	-7%
NC_1094	45	4553	0.91	0.93	0.13	0.98	0.70	0.89	0.94	0.71	0.74	0.97	0.78	0.97	-0.01	-1%
NC_1095	20	4449	0.88	0.87	0.10	0.88	0.84	0.86	0.91	0.63	0.80	0.90	0.76	0.91	0.03	3%
NC_1096	120	4642	0.38	0.36	0.11	0.38	0.10	0.19	0.17	0.32	0.38	0.36	0.34	0.38	0.00	0%
NC_1097	120	4643	0.47	0.45	0.12	0.47	0.06	0.16	0.17	0.42	0.43	0.41	0.43	0.43	-0.04	-9%
NC_1098	20	4449	0.32	0.32	0.04	0.32	0.31	0.32	0.33	0.22	0.30	0.33	0.27	0.33	0.01	3%
NC_1099	25	4489	0.34	0.33	0.05	0.33	0.30	0.35	0.33	0.26	0.34	0.39	0.32	0.39	0.06	18%
NC_1100	120	4642	6.47	6.71	0.79	6.83	1.33	2.83	2.84	6.60	6.83	6.50	5.84	6.83	0.00	0%
NC_1101	45	4553	3.70	3.69	0.19	3.71	1.27	2.41	2.42	3.38	3.63	3.90	3.35	3.90	0.19	5%
NC_1102	120	4641	66.14	66.29	3.33	66.68	19.23	33.61	33.73	66.99	67.41	64.03	61.10	67.41	0.73	1%
NC_1103	20	4449	0.82	0.82	0.09	0.82	0.77	0.82	0.84	0.51	0.70	0.78	0.62	0.84	0.02	2%
NC_1104	20	4449	0.38	0.37	0.04	0.37	0.37	0.36	0.39	0.23	0.31	0.35	0.29	0.39	0.02	5%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_1105	720	4809	1.29	0.96	0.65	0.96	0.12	0.29	0.29	0.74	0.75	0.73	0.93	0.93	-0.03	-3%
NC_1106	120	4641	65.47	65.63	3.31	65.92	19.27	33.52	33.65	66.31	66.66	63.30	60.13	66.66	0.74	1%
NC_1107	45	4554	2.97	2.96	0.23	2.99	1.19	2.08	2.15	2.67	2.74	3.12	2.78	3.12	0.13	4%
NC_1108	20	4449	0.36	0.34	0.04	0.34	0.35	0.34	0.37	0.22	0.31	0.33	0.28	0.37	0.03	9%
NC_1109	45	4553	3.24	3.32	0.47	3.52	2.64	3.01	3.32	2.64	2.72	3.43	2.87	3.43	-0.09	-3%
NC_1110	45	4553	3.04	3.15	0.39	3.23	1.80	2.62	2.74	2.53	2.54	3.19	2.56	3.19	-0.04	-1%
NC_1111	20	4450	0.60	0.59	0.08	0.60	0.56	0.61	0.60	0.43	0.60	0.62	0.50	0.62	0.02	3%
NC_1112	120	4640	74.34	74.84	4.23	74.84	20.72	37.15	37.24	74.84	75.86	72.07	67.40	75.86	1.02	1%
NC_1113	120	4640	74.05	74.86	4.12	75.13	16.34	32.48	32.45	75.13	76.45	72.75	69.24	76.45	1.32	2%
NC_1114	120	4640	73.89	74.75	4.12	75.00	16.20	32.33	32.30	75.00	76.34	72.69	69.20	76.34	1.34	2%
NC_1115	20	4451	0.58	0.55	0.06	0.56	0.57	0.56	0.58	0.36	0.55	0.54	0.45	0.58	0.02	4%
NC_1116	10	4389	0.68	0.67	0.04	0.68	0.68	0.65	0.69	0.44	0.62	0.66	0.56	0.69	0.01	1%
NC_1117	25	4487	1.28	1.25	0.15	1.27	1.07	1.29	1.30	0.95	1.09	1.37	1.09	1.37	0.10	8%
NC_1118	20	4450	0.25	0.24	0.03	0.25	0.24	0.24	0.25	0.12	0.23	0.19	0.16	0.25	0.00	0%
NC_1119	45	4553	6.57	6.60	0.87	6.80	4.92	6.26	6.84	4.74	5.08	6.62	5.46	6.84	0.04	1%
NC_1120	20	4451	0.98	1.00	0.11	1.00	0.88	1.01	0.99	0.61	0.83	0.96	0.72	1.01	0.01	1%
NC_1121	120	4641	10.44	10.13	1.60	10.50	5.74	8.66	9.00	9.53	9.75	10.61	9.11	10.61	0.11	1%
NC_1122	20	4450	0.26	0.26	0.03	0.26	0.25	0.25	0.26	0.14	0.26	0.22	0.18	0.26	0.00	0%
NC_1123	10	4389	0.71	0.70	0.04	0.71	0.71	0.67	0.72	0.46	0.65	0.68	0.58	0.72	0.01	1%
NC_1124	120	4641	10.04	9.73	1.65	10.14	6.08	8.63	9.08	9.20	9.32	10.12	8.63	10.12	-0.02	0%
NC_1125	120	4641	10.08	9.76	1.70	10.22	6.33	8.82	9.30	9.24	9.31	10.20	8.59	10.20	-0.02	0%
NC_1126	20	4446	0.28	0.27	0.04	0.28	0.26	0.28	0.27	0.19	0.31	0.28	0.24	0.31	0.03	11%
NC_1127	10	4389	1.08	1.07	0.05	1.07	1.07	0.98	1.11	0.55	0.80	0.86	0.70	1.11	0.04	4%
NC_1128	10	4389	0.59	0.58	0.05	0.59	0.59	0.56	0.59	0.34	0.54	0.52	0.43	0.59	0.00	0%
NC_1129	20	4445	1.29	1.26	0.11	1.27	1.27	1.19	1.36	0.73	0.98	1.12	0.92	1.36	0.09	7%
NC_1130	20	4449	1.76	1.72	0.17	1.76	1.65	1.66	1.83	1.21	1.50	1.77	1.46	1.83	0.07	4%
NC_1131	120	4640	3.67	3.70	0.31	3.75	0.76	1.69	1.69	3.75	3.77	3.65	3.13	3.77	0.02	1%
NC_1132	20	4446	0.52	0.51	0.06	0.52	0.50	0.50	0.52	0.31	0.51	0.46	0.39	0.52	0.00	0%
NC_1133	20	4449	1.87	1.85	0.20	1.88	1.73	1.82	1.93	1.37	1.70	2.00	1.67	2.00	0.12	6%
NC_1134	20	4445	0.96	0.92	0.10	0.93	0.95	0.91	0.97	0.65	0.90	0.95	0.81	0.97	0.04	4%
NC_1135	20	4446	0.21	0.20	0.03	0.21	0.19	0.22	0.20	0.15	0.25	0.22	0.19	0.25	0.04	19%
NC_1136	120	4643	0.72	0.71	0.16	0.74	0.06	0.23	0.23	0.65	0.67	0.64	0.68	0.68	-0.06	-8%
NC_1137	45	4553	2.89	2.98	0.40	3.04	1.80	2.55	2.71	2.18	2.22	3.00	2.33	3.00	-0.04	-1%
NC_1138	20	4450	0.29	0.28	0.04	0.28	0.27	0.28	0.28	0.16	0.28	0.24	0.20	0.28	0.00	0%
NC_1139	10	4389	0.76	0.75	0.06	0.76	0.76	0.72	0.78	0.43	0.68	0.65	0.54	0.78	0.02	3%
NC_1140	20	4450	0.49	0.50	0.07	0.50	0.46	0.51	0.50	0.33	0.46	0.50	0.40	0.51	0.01	2%
NC_1141	45	4554	2.37	2.39	0.10	2.40	1.25	1.85	1.88	2.25	2.36	2.50	2.09	2.50	0.10	4%
NC_1142	90	4605	2.37	2.36	0.21	2.46	1.19	1.81	1.84	2.36	2.40	2.55	2.12	2.55	0.09	4%
NC_1143	20	4450	0.41	0.40	0.05	0.40	0.40	0.40	0.40	0.28	0.42	0.41	0.35	0.42	0.02	5%
NC_1144	90	4602	2.66	2.64	0.18	2.68	1.18	1.83	1.85	2.69	2.67	2.77	2.28	2.77	0.09	3%
NC_1145	90	4602	2.90	2.88	0.21	2.89	1.24	1.84	1.87	2.90	2.86	2.92	2.39	2.92	0.03	1%
NC_1146	20	4450	0.32	0.31	0.04	0.31	0.30	0.31	0.31	0.18	0.31	0.27	0.22	0.31	0.00	0%
NC_1147	20	4449	0.32	0.31	0.03	0.31	0.31	0.31	0.32	0.21	0.29	0.31	0.26	0.32	0.01	3%
NC_1148	90	4605	3.19	3.17	0.27	3.17	1.34	1.93	1.97	3.14	3.14	3.13	2.55	3.14	-0.03	-1%
NC_1149	20	4451	0.41	0.39	0.05	0.40	0.40	0.40	0.40	0.26	0.40	0.38	0.33	0.40	0.00	0%
NC_1150	20	4451	0.27	0.27	0.04	0.27	0.26	0.27	0.27	0.16	0.28	0.24	0.21	0.28	0.01	4%
NC_1151	25	4487	0.68	0.65	0.09	0.66	0.60	0.68	0.68	0.51	0.62	0.74	0.62	0.74	0.08	12%
NC_1152	45	4553	0.80	0.83	0.12	0.87	0.70	0.80	0.82	0.61	0.73	0.89	0.73	0.89	0.02	2%
NC_1153	45	4553	0.83	0.85	0.13	0.90	0.71	0.82	0.84	0.63	0.76	0.92	0.76	0.92	0.02	2%
NC_1154	20	4446	0.82	0.79	0.09	0.80	0.80	0.78	0.80	0.48	0.78	0.73	0.62	0.80	0.00	0%
NC_1155	25	4487	1.37	1.33	0.16	1.35	1.13	1.38	1.38	0.95	1.17	1.43	1.07	1.43	0.08	6%
NC_1156	20	4449	1.38	1.39	0.13	1.42	1.24	1.30	1.47	0.91	1.08	1.34	1.10	1.47	0.05	4%
NC_1157	45	4553	1.64	1.70	0.23	1.76	1.06	1.50	1.58	1.23	1.29	1.72	1.29	1.72	-0.04	-2%
NC_1158	45	4553	3.07	3.17	0.40	3.19	1.70	2.57	2.71	2.36	2.32	3.18	2.50	3.18	-0.01	0%
NC_1159	45	4553	3.13	3.21	0.40	3.23	1.67	2.57	2.71	2.42	2.35	3.23	2.57	3.23	0.00	0%
NC_1160	45	4552	3.23	3.31	0.37	3.32	1.59	2.55	2.67	2.55	2.49	3.34	2.71	3.34	0.02	1%
NC_1161	120	4642	1.22	1.22	0.29	1.23	0.78	0.79	0.79	1.05	1.23	1.05	1.06	1.23	0.00	0%
NC_1162	60	4578	0.29	0.29	0.07	0.32	0.26	0.29	0.27	0.22	0.34	0.31	0.27	0.34	0.02	6%
NC_1163	20	4451	0.40	0.38	0.04	0.38	0.39	0.38	0.39	0.25	0.39	0.37	0.32	0.39	0.01	3%
NC_1164	120	4641	0.93	0.95	0.18	0.99	0.36	0.40	0.38	0.85	0.90	0.81	0.88	0.90	-0.09	-9%
NC_1165	20	4446	0.21	0.20	0.03	0.21	0.19	0.21	0.20	0.15	0.24	0.22	0.18	0.24	0.03	14%
NC_1166	10	4389	0.61	0.59	0.06	0.59	0.59	0.56	0.61	0.30	0.52	0.46	0.38	0.61	0.02	3%
NC_1167	120	4643	1.51	1.50	0.33	1.57	1.01	1.17	1.15	1.35	1.42	1.40	1.34	1.42	-0.15	-10%
NC_1168	45	4554	4.67	4.66	0.28	4.66	1.55	2.99	3.04	4.33	4.57	5.01	4.38	5.01	0.35	8%
NC_1169	120	4642	0.93	0.93	0.10	0.93	0.07	0.26	0.26	0.95	0.93	0.79	0.83	0.95	0.02	2%
NC_1170	120	4642	0.53	0.53	0.05	0.54	0.11	0.17	0.18	0.55	0.54	0.46	0.49	0.55	0.01	2%
NC_1171	120	4642	0.17	0.15	0.06	0.17	0.00	0.08	0.07	0.14	0.17	0.17	0.16	0.17	0.00	0%
NC_1172	120	4642	0.28	0.26	0.09	0.26	0.03	0.11	0.10	0.25	0.26	0.26	0.26	0.26	0.00	0%
NC_1173	120	4636	1.40	1.41	0.14	1.44	0.35	0.60	0.60	1.44	1.39	1.15	1.21	1.44	0.00	0%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_1174	20	4451	0.35	0.34	0.05	0.34	0.33	0.34	0.34	0.23	0.37	0.33	0.28	0.37	0.03	9%
NC_1175	20	4450	0.28	0.27	0.04	0.27	0.27	0.27	0.27	0.15	0.27	0.23	0.20	0.27	0.00	0%
NC_1176	120	4643	0.66	0.63	0.17	0.65	0.07	0.23	0.23	0.59	0.60	0.59	0.60	0.60	-0.05	-8%
NC_1177	120	4638	4.80	4.87	0.84	4.90	1.48	2.93	2.97	4.54	4.83	5.17	4.47	5.17	0.27	6%
NC_1178	120	4640	1.46	1.45	0.13	1.48	0.25	0.54	0.54	1.48	1.43	1.21	1.27	1.48	0.00	0%
NC_1179	120	4642	0.16	0.15	0.06	0.16	0.04	0.10	0.08	0.13	0.16	0.17	0.15	0.17	0.01	6%
NC_1180	20	4451	0.26	0.25	0.03	0.26	0.25	0.26	0.25	0.15	0.27	0.23	0.19	0.27	0.01	4%
NC_1181	25	4489	0.57	0.55	0.07	0.56	0.44	0.57	0.56	0.43	0.53	0.63	0.50	0.63	0.07	13%
NC_1182	45	4551	0.84	0.88	0.11	0.90	0.42	0.68	0.70	0.70	0.70	0.91	0.73	0.91	0.01	1%
NC_1183	120	4643	0.86	0.85	0.19	0.90	0.23	0.41	0.43	0.76	0.81	0.74	0.78	0.81	-0.09	-10%
NC_1184	25	4489	0.27	0.26	0.04	0.26	0.24	0.27	0.27	0.20	0.27	0.30	0.25	0.30	0.04	15%
NC_1185	120	4641	0.62	0.62	0.12	0.65	0.09	0.20	0.20	0.56	0.60	0.51	0.58	0.60	-0.05	-8%
NC_1186	120	4645	0.16	0.15	0.06	0.17	0.07	0.12	0.09	0.13	0.18	0.17	0.15	0.18	0.01	6%
NC_1187	120	4640	1.55	1.54	0.15	1.57	0.24	0.57	0.58	1.57	1.51	1.28	1.34	1.57	0.00	0%
NC_1188	120	4641	1.23	1.25	0.24	1.32	0.26	0.44	0.45	1.11	1.19	1.06	1.15	1.19	-0.13	-10%
NC_1189	20	4446	0.23	0.23	0.03	0.23	0.21	0.24	0.22	0.16	0.26	0.23	0.20	0.26	0.03	13%
NC_1190	45	4553	3.30	3.40	0.37	3.42	1.63	2.63	2.71	2.69	2.65	3.44	2.77	3.44	0.02	1%
NC_1191	10	4389	0.62	0.60	0.06	0.61	0.61	0.58	0.62	0.31	0.55	0.48	0.40	0.62	0.01	2%
NC_1192	45	4549	1.31	1.35	0.18	1.43	1.20	1.28	1.32	1.03	1.26	1.46	1.24	1.46	0.03	2%
NC_1193	45	4553	2.08	2.16	0.27	2.19	1.16	1.78	1.86	1.65	1.59	2.15	1.74	2.15	-0.04	-2%
NC_1194	45	4553	9.61	9.70	1.23	9.89	6.86	9.00	9.68	6.95	7.34	9.70	7.71	9.70	-0.19	-2%
NC_1195	10	4389	0.84	0.83	0.05	0.84	0.84	0.79	0.86	0.52	0.73	0.78	0.65	0.86	0.02	2%
NC_1196	10	4389	0.66	0.65	0.05	0.66	0.66	0.63	0.68	0.41	0.61	0.62	0.53	0.68	0.02	3%
NC_1197	10	4389	0.37	0.35	0.03	0.36	0.36	0.34	0.36	0.17	0.32	0.27	0.22	0.36	0.00	0%
NC_1198	10	4389	0.49	0.47	0.04	0.48	0.48	0.45	0.49	0.23	0.42	0.36	0.29	0.49	0.01	2%
NC_1199	45	4553	5.16	5.21	0.63	5.36	4.17	5.09	5.39	3.76	4.15	5.27	4.19	5.39	0.03	1%
NC_1200	10	4389	0.48	0.47	0.04	0.47	0.47	0.45	0.48	0.23	0.42	0.36	0.30	0.48	0.01	2%
NC_1201	45	4553	4.26	4.31	0.53	4.46	3.49	4.20	4.43	3.17	3.50	4.41	3.54	4.43	-0.03	-1%
NC_1202	10	4389	0.59	0.57	0.05	0.58	0.58	0.54	0.58	0.29	0.49	0.45	0.37	0.58	0.00	0%
NC_1203	20	4451	0.82	0.81	0.10	0.82	0.80	0.82	0.84	0.54	0.76	0.80	0.65	0.84	0.02	2%
NC_1204	20	4449	0.90	0.86	0.09	0.86	0.88	0.85	0.92	0.56	0.77	0.84	0.70	0.92	0.06	7%
NC_1205	10	4389	0.70	0.69	0.05	0.69	0.69	0.65	0.71	0.37	0.60	0.57	0.47	0.71	0.02	3%
NC_1206	10	4384	0.30	0.29	0.03	0.29	0.29	0.28	0.30	0.14	0.27	0.22	0.18	0.30	0.01	3%
NC_1207	10	4389	0.61	0.60	0.05	0.61	0.61	0.57	0.62	0.31	0.51	0.48	0.40	0.62	0.01	2%
NC_1208	20	4450	0.41	0.40	0.05	0.41	0.40	0.39	0.41	0.22	0.38	0.33	0.28	0.41	0.00	0%
NC_1209	10	4389	0.70	0.69	0.05	0.70	0.70	0.67	0.71	0.43	0.65	0.65	0.54	0.71	0.01	1%
NC_1210	120	4642	0.44	0.41	0.14	0.45	0.39	0.44	0.42	0.36	0.45	0.48	0.41	0.48	0.03	7%
NC_1211	10	4389	1.32	1.30	0.07	1.31	1.31	1.22	1.33	0.81	1.13	1.21	1.01	1.33	0.02	2%
NC_1212	10	4389	0.83	0.82	0.05	0.82	0.82	0.76	0.84	0.44	0.66	0.68	0.56	0.84	0.02	2%
NC_1213	60	4578	0.21	0.21	0.05	0.23	0.18	0.21	0.19	0.15	0.24	0.22	0.19	0.24	0.01	4%
NC_1214	20	4450	0.25	0.24	0.03	0.25	0.24	0.24	0.25	0.14	0.25	0.21	0.18	0.25	0.00	0%
NC_1215	45	4553	5.98	6.04	0.76	6.25	4.66	5.87	6.22	4.35	4.76	6.15	4.87	6.22	-0.03	0%
NC_1216	45	4553	1.62	1.66	0.22	1.72	1.43	1.55	1.70	1.21	1.38	1.69	1.40	1.70	-0.02	-1%
NC_1217	20	4450	0.29	0.28	0.04	0.28	0.28	0.28	0.29	0.15	0.27	0.23	0.19	0.29	0.01	4%
NC_1218	20	4450	0.52	0.52	0.07	0.52	0.48	0.53	0.52	0.36	0.52	0.53	0.42	0.53	0.01	2%
NC_1219	45	4553	1.64	1.69	0.23	1.74	1.03	1.43	1.54	1.30	1.28	1.70	1.39	1.70	-0.04	-2%
NC_1220	10	4389	1.33	1.32	0.09	1.32	1.32	1.26	1.37	0.72	1.11	1.11	0.91	1.37	0.05	4%
NC_1221	10	4384	0.33	0.32	0.03	0.32	0.32	0.31	0.32	0.16	0.30	0.25	0.21	0.32	0.00	0%
NC_1222	20	4449	1.04	1.01	0.10	1.02	1.02	0.98	1.08	0.65	0.87	0.99	0.84	1.08	0.06	6%
NC_1223	10	4389	0.60	0.59	0.05	0.60	0.60	0.55	0.60	0.29	0.49	0.46	0.38	0.60	0.00	0%
NC_1224	20	4446	0.32	0.31	0.04	0.31	0.30	0.32	0.30	0.23	0.35	0.33	0.28	0.35	0.04	13%
NC_1225	25	4487	0.85	0.81	0.12	0.81	0.77	0.85	0.85	0.66	0.81	0.94	0.79	0.94	0.13	16%
NC_1226	45	4551	0.69	0.70	0.09	0.73	0.48	0.66	0.62	0.57	0.67	0.79	0.62	0.79	0.06	8%
NC_1227	45	4553	10.72	10.88	1.36	10.93	6.92	9.70	10.30	7.86	8.03	10.81	8.59	10.81	-0.12	-1%
NC_1228	45	4552	12.08	12.26	1.50	12.34	7.37	10.69	11.27	8.85	8.88	12.13	9.63	12.13	-0.21	-2%
NC_1229	20	4449	1.65	1.67	0.17	1.72	1.42	1.63	1.73	1.04	1.26	1.59	1.21	1.73	0.01	1%
NC_1230	10	4389	0.68	0.67	0.05	0.68	0.68	0.63	0.69	0.35	0.57	0.54	0.45	0.69	0.01	1%
NC_1231	10	4389	1.05	1.04	0.05	1.04	1.04	0.97	1.07	0.59	0.85	0.90	0.75	1.07	0.03	3%
NC_1232	120	4642	0.32	0.30	0.11	0.34	0.13	0.22	0.16	0.26	0.34	0.32	0.30	0.34	0.00	0%
NC_1233	120	4638	1.48	1.31	0.46	1.32	0.96	1.17	1.23	1.29	1.30	1.60	1.43	1.60	0.28	21%
NC_1234	120	4642	1.22	1.08	0.39	1.09	0.65	0.78	0.79	1.05	1.09	1.26	1.19	1.26	0.17	16%
NC_1235	120	4643	0.95	0.93	0.22	0.98	0.54	0.65	0.65	0.85	0.89	0.86	0.86	0.89	-0.09	-9%
NC_1236	60	4578	0.20	0.20	0.05	0.22	0.17	0.20	0.18	0.14	0.23	0.21	0.18	0.23	0.01	5%
NC_1237	120	4643	1.30	1.32	0.26	1.35	0.84	1.06	0.98	1.18	1.30	1.25	1.15	1.30	-0.05	-4%
NC_1238	20	4450	0.33	0.32	0.04	0.33	0.31	0.33	0.33	0.25	0.34	0.36	0.32	0.36	0.03	9%
NC_1239	120	4642	1.63	1.61	0.38	1.61	1.19	1.40	1.34	1.40	1.61	1.65	1.38	1.65	0.04	2%
NC_1240	120	4643	1.78	1.73	0.42	1.75	1.38	1.57	1.58	1.54	1.72	1.85	1.53	1.85	0.10	6%
NC_1241	20	4451	0.43	0.41	0.05	0.41	0.42	0.41	0.42	0.26	0.42	0.39	0.33	0.42	0.01	2%
NC_1242	10	4389	0.55	0.54	0.04	0.54	0.54	0.51	0.55	0.35	0.50	0.52	0.45	0.55	0.01	2%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_1243	10	4389	0.50	0.49	0.04	0.49	0.49	0.47	0.50	0.29	0.46	0.44	0.37	0.50	0.01	2%
NC_1244	10	4389	1.06	1.05	0.07	1.06	1.06	0.98	1.07	0.66	0.97	1.00	0.85	1.07	0.01	1%
NC_1245	20	4446	0.45	0.44	0.05	0.44	0.44	0.43	0.45	0.26	0.43	0.40	0.34	0.45	0.01	2%
NC_1246	20	4450	0.35	0.34	0.04	0.35	0.34	0.33	0.35	0.18	0.32	0.28	0.23	0.35	0.00	0%
NC_1247	10	4389	0.53	0.51	0.04	0.52	0.52	0.48	0.52	0.27	0.45	0.41	0.34	0.52	0.00	0%
NC_1248	10	4389	0.71	0.70	0.06	0.71	0.71	0.68	0.72	0.42	0.64	0.63	0.53	0.72	0.01	1%
NC_1249	120	4642	0.30	0.28	0.09	0.28	0.05	0.14	0.13	0.26	0.28	0.29	0.27	0.29	0.01	4%
NC_1250	120	4642	1.45	1.29	0.46	1.30	0.95	1.15	1.19	1.25	1.30	1.57	1.39	1.57	0.27	21%
NC_1251	120	4642	0.15	0.15	0.06	0.17	0.05	0.11	0.08	0.12	0.17	0.16	0.15	0.17	0.00	0%
NC_1252	120	4642	0.69	0.62	0.23	0.63	0.43	0.49	0.49	0.59	0.63	0.75	0.71	0.75	0.12	19%
NC_1253	120	4642	0.47	0.43	0.16	0.45	0.17	0.24	0.22	0.39	0.45	0.49	0.46	0.49	0.04	9%
NC_1254	120	4642	0.16	0.15	0.06	0.17	0.02	0.09	0.07	0.13	0.17	0.17	0.16	0.17	0.00	0%
NC_1255	120	4638	1.01	0.89	0.33	0.90	0.39	0.57	0.59	0.89	0.87	1.05	0.99	1.05	0.15	17%
NC_1256	120	4643	1.34	1.25	0.37	1.26	0.55	0.80	0.76	1.20	1.21	1.28	1.25	1.28	0.02	2%
NC_1257	120	4643	1.38	1.30	0.38	1.32	0.57	0.80	0.79	1.25	1.23	1.32	1.30	1.32	0.00	0%
NC_1258	120	4645	0.17	0.16	0.06	0.18	0.11	0.16	0.12	0.13	0.20	0.19	0.16	0.20	0.02	11%
NC_1259	120	4643	3.64	3.39	1.03	3.41	1.72	2.25	2.32	3.27	3.17	3.56	3.43	3.56	0.15	4%
NC_1260	120	4645	0.25	0.23	0.09	0.26	0.15	0.20	0.16	0.19	0.27	0.26	0.23	0.27	0.01	4%
NC_1261	120	4638	76.67	77.96	4.28	78.07	15.80	32.30	32.27	77.85	79.54	76.91	73.95	79.54	1.47	2%
NC_1262	120	4643	0.28	0.25	0.09	0.25	0.02	0.09	0.09	0.24	0.25	0.26	0.26	0.26	0.01	4%
NC_1263	10	4389	0.88	0.86	0.08	0.87	0.87	0.80	0.88	0.52	0.73	0.68	0.60	0.88	0.01	1%
NC_1264	120	4642	0.60	0.53	0.19	0.53	0.25	0.31	0.30	0.52	0.53	0.59	0.57	0.59	0.06	11%
NC_1265	120	4638	0.82	0.72	0.27	0.72	0.45	0.52	0.51	0.71	0.72	0.85	0.79	0.85	0.13	18%
NC_1266	120	4638	1.54	1.38	0.48	1.39	0.67	0.85	0.89	1.37	1.30	1.54	1.48	1.54	0.15	11%
NC_1267	120	4645	0.17	0.16	0.06	0.18	0.11	0.15	0.12	0.13	0.20	0.19	0.17	0.20	0.02	11%
NC_1268	60	4578	0.19	0.19	0.05	0.20	0.17	0.20	0.18	0.14	0.22	0.20	0.17	0.22	0.02	10%
NC_1269	120	4643	1.62	1.49	0.49	1.49	0.66	0.89	0.96	1.45	1.36	1.61	1.57	1.61	0.12	8%
NC_1270	60	4574	0.41	0.41	0.09	0.43	0.34	0.37	0.35	0.32	0.44	0.45	0.40	0.45	0.02	5%
NC_1271	120	4643	1.62	1.53	0.44	1.55	0.77	1.00	0.99	1.46	1.49	1.55	1.50	1.55	0.00	0%
NC_1272	120	4645	0.07	0.06	0.03	0.07	0.00	0.04	0.03	0.05	0.07	0.07	0.07	0.07	0.00	0%
NC_1273	120	4641	2.94	2.93	0.37	2.99	0.35	0.98	0.99	2.84	2.87	2.51	2.64	2.87	-0.12	-4%
NC_1274	45	4553	0.78	0.80	0.11	0.84	0.69	0.79	0.81	0.58	0.70	0.85	0.69	0.85	0.01	1%
NC_1275	45	4553	1.48	1.53	0.19	1.53	0.80	1.23	1.29	1.14	1.10	1.52	1.20	1.52	-0.01	-1%
NC_1276	10	4389	0.54	0.53	0.05	0.53	0.53	0.51	0.54	0.31	0.50	0.48	0.40	0.54	0.01	2%
NC_1277	120	4642	0.50	0.44	0.17	0.46	0.25	0.32	0.31	0.42	0.46	0.53	0.49	0.53	0.07	15%
NC_1278	20	4445	4.38	4.27	0.35	4.36	4.32	3.92	4.60	2.25	3.14	3.55	2.85	4.60	0.24	6%
NC_1279	20	4455	6.37	6.40	0.53	6.49	5.64	6.02	6.79	3.52	4.41	5.55	4.23	6.79	0.30	5%
NC_1280	10	4389	1.04	1.03	0.08	1.04	1.04	0.91	1.04	0.46	0.76	0.73	0.59	1.04	0.00	0%
NC_1281	10	4389	0.43	0.41	0.04	0.41	0.41	0.39	0.42	0.19	0.35	0.30	0.24	0.42	0.01	2%
NC_1282	20	4450	0.28	0.27	0.03	0.28	0.27	0.27	0.28	0.14	0.26	0.22	0.18	0.28	0.00	0%
NC_1283	10	4389	4.25	4.20	0.16	4.21	4.21	3.79	4.43	2.14	3.10	3.38	2.74	4.43	0.22	5%
NC_1284	10	4389	0.71	0.69	0.06	0.70	0.70	0.62	0.70	0.31	0.54	0.50	0.41	0.70	0.00	0%
NC_1285	20	4450	0.34	0.33	0.04	0.34	0.33	0.32	0.34	0.17	0.32	0.27	0.22	0.34	0.00	0%
NC_1286	20	4450	0.28	0.28	0.03	0.28	0.27	0.27	0.28	0.14	0.26	0.22	0.18	0.28	0.00	0%
NC_1287	20	4450	0.25	0.25	0.03	0.25	0.24	0.25	0.25	0.14	0.25	0.21	0.18	0.25	0.00	0%
NC_1288	10	4389	0.90	0.89	0.08	0.89	0.89	0.82	0.91	0.44	0.73	0.68	0.56	0.91	0.02	2%
NC_1289	20	4450	0.26	0.25	0.03	0.25	0.25	0.25	0.25	0.13	0.25	0.21	0.17	0.25	0.00	0%
NC_1290	20	4451	0.46	0.44	0.05	0.44	0.45	0.44	0.46	0.28	0.44	0.42	0.35	0.46	0.02	5%
NC_1291	20	4450	0.29	0.28	0.04	0.28	0.27	0.28	0.28	0.16	0.29	0.25	0.21	0.29	0.01	4%
NC_1292	20	4446	0.28	0.27	0.04	0.27	0.26	0.29	0.27	0.20	0.32	0.30	0.25	0.32	0.05	19%
NC_1293	20	4451	0.46	0.44	0.05	0.45	0.45	0.45	0.46	0.32	0.48	0.47	0.40	0.48	0.03	7%
NC_1294	20	4449	0.65	0.65	0.08	0.65	0.62	0.65	0.66	0.49	0.64	0.70	0.60	0.70	0.05	8%
NC_1295	20	4451	0.22	0.22	0.03	0.22	0.21	0.22	0.22	0.13	0.23	0.20	0.17	0.23	0.01	5%
NC_1296	20	4445	1.74	1.68	0.15	1.69	1.71	1.60	1.78	1.19	1.54	1.75	1.50	1.78	0.09	5%
NC_1297	45	4553	2.39	2.48	0.33	2.56	1.33	1.99	2.10	1.95	1.89	2.53	2.08	2.53	-0.03	-1%
NC_1298	20	4450	0.29	0.28	0.04	0.29	0.28	0.28	0.29	0.15	0.27	0.23	0.19	0.29	0.00	0%
NC_1299	20	4450	0.26	0.25	0.03	0.25	0.24	0.25	0.25	0.14	0.25	0.22	0.18	0.25	0.00	0%
NC_1300	20	4450	0.28	0.27	0.04	0.27	0.26	0.27	0.27	0.15	0.27	0.24	0.20	0.27	0.00	0%
NC_1301	120	4636	9.81	9.73	0.94	9.75	4.46	7.07	7.10	9.34	9.72	9.89	8.65	9.89	0.14	1%
NC_1302	20	4450	0.29	0.29	0.04	0.29	0.28	0.28	0.29	0.15	0.28	0.23	0.19	0.29	0.00	0%
NC_1303	20	4449	0.34	0.34	0.04	0.34	0.31	0.34	0.34	0.25	0.33	0.36	0.30	0.36	0.02	6%
NC_1304	45	4553	2.17	2.26	0.31	2.36	1.36	1.91	2.02	1.75	1.76	2.32	1.87	2.32	-0.04	-2%
NC_1305	20	4450	0.28	0.28	0.04	0.28	0.27	0.27	0.28	0.15	0.27	0.23	0.19	0.28	0.00	0%
NC_1306	10	4389	0.50	0.49	0.04	0.49	0.49	0.47	0.50	0.27	0.45	0.42	0.35	0.50	0.01	2%
NC_1307	10	4389	0.75	0.74	0.05	0.74	0.74	0.70	0.75	0.45	0.66	0.67	0.57	0.75	0.01	1%
NC_1308	20	4450	0.27	0.26	0.03	0.27	0.26	0.26	0.27	0.14	0.25	0.21	0.18	0.27	0.00	0%
NC_1309	10	4389	0.47	0.46	0.04	0.46	0.46	0.44	0.47	0.25	0.42	0.38	0.32	0.47	0.01	2%
NC_1310	20	4449	2.33	2.28	0.21	2.30	2.21	2.14	2.43	1.61	2.00	2.35	2.03	2.43	0.13	6%
NC_1311	20	4449	1.72	1.66	0.16	1.67	1.66	1.61	1.77	1.21	1.56	1.76	1.53	1.77	0.10	6%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_1312	20	4451	0.52	0.51	0.06	0.52	0.50	0.52	0.53	0.31	0.47	0.48	0.38	0.53	0.01	2%
NC_1313	20	4451	0.63	0.60	0.07	0.60	0.62	0.60	0.64	0.37	0.58	0.56	0.46	0.64	0.04	7%
NC_1314	20	4450	0.27	0.27	0.03	0.27	0.26	0.26	0.27	0.14	0.26	0.22	0.18	0.27	0.00	0%
NC_1315	20	4450	0.27	0.27	0.04	0.27	0.26	0.27	0.27	0.15	0.27	0.23	0.20	0.27	0.00	0%
NC_1316	20	4451	0.27	0.27	0.04	0.27	0.26	0.27	0.27	0.16	0.28	0.24	0.20	0.28	0.01	4%
NC_1317	10	4389	0.95	0.93	0.06	0.94	0.94	0.90	0.95	0.64	0.89	0.94	0.81	0.95	0.01	1%
NC_1318	20	4450	0.32	0.31	0.04	0.32	0.31	0.31	0.32	0.17	0.30	0.26	0.22	0.32	0.00	0%
NC_1319	90	4602	3.59	3.55	0.15	3.56	1.45	2.43	2.46	3.60	3.60	3.76	3.10	3.76	0.20	6%
NC_1320	10	4389	0.57	0.56	0.05	0.56	0.56	0.53	0.57	0.31	0.50	0.48	0.40	0.57	0.01	2%
NC_1321	45	4553	2.67	2.75	0.32	2.75	1.54	2.27	2.37	2.11	2.07	2.75	2.19	2.75	0.00	0%
NC_1322	45	4552	2.68	2.74	0.30	2.75	1.49	2.23	2.32	2.13	2.11	2.75	2.20	2.75	0.00	0%
NC_1323	60	4578	0.13	0.13	0.03	0.14	0.11	0.14	0.12	0.09	0.16	0.14	0.12	0.16	0.02	14%
NC_1324	45	4553	8.19	8.36	0.67	8.37	3.72	6.10	6.26	7.33	7.82	8.61	7.25	8.61	0.24	3%
NC_1325	120	4642	2.36	2.21	0.63	2.22	1.67	1.96	1.99	2.08	2.22	2.51	2.10	2.51	0.29	13%
NC_1326	60	4578	0.15	0.15	0.04	0.16	0.11	0.14	0.12	0.11	0.18	0.16	0.14	0.18	0.02	13%
NC_1327	120	4643	2.37	2.39	0.48	2.46	1.17	1.81	1.85	2.16	2.25	2.45	2.19	2.45	-0.01	0%
NC_1328	20	4449	0.37	0.37	0.04	0.37	0.36	0.37	0.38	0.24	0.34	0.36	0.30	0.38	0.01	3%
NC_1329	20	4446	0.25	0.24	0.04	0.25	0.23	0.25	0.24	0.17	0.28	0.25	0.21	0.28	0.03	12%
NC_1330	120	4642	1.03	0.97	0.28	0.97	0.54	0.79	0.78	0.92	0.97	1.08	0.92	1.08	0.11	11%
NC_1331	120	4642	0.30	0.27	0.10	0.28	0.16	0.22	0.21	0.25	0.29	0.33	0.29	0.33	0.05	18%
NC_1332	120	4645	0.23	0.21	0.08	0.24	0.16	0.21	0.17	0.18	0.26	0.25	0.22	0.26	0.02	8%
NC_1333	120	4643	1.79	1.78	0.40	1.82	1.18	1.51	1.48	1.61	1.74	1.81	1.62	1.81	-0.01	-1%
NC_1334	120	4643	1.29	1.24	0.32	1.27	0.57	0.80	0.82	1.16	1.16	1.23	1.18	1.23	-0.04	-3%
NC_1335	20	4449	1.86	1.83	0.19	1.85	1.81	1.81	1.92	1.56	1.71	2.03	1.74	2.03	0.18	10%
NC_1336	20	4449	1.44	1.41	0.13	1.43	1.37	1.35	1.50	1.09	1.20	1.46	1.31	1.50	0.07	5%
NC_1337	45	4553	3.01	3.09	0.42	3.29	2.60	2.93	3.06	2.49	2.66	3.28	2.76	3.28	-0.01	0%
NC_1338	20	4451	0.64	0.61	0.07	0.62	0.63	0.62	0.63	0.45	0.65	0.65	0.56	0.65	0.03	5%
NC_1339	120	4642	0.34	0.32	0.10	0.34	0.09	0.18	0.15	0.29	0.34	0.32	0.31	0.34	0.00	0%
NC_1340	20	4446	0.21	0.21	0.03	0.22	0.20	0.22	0.21	0.14	0.24	0.21	0.18	0.24	0.02	9%
NC_1341	120	4642	0.48	0.46	0.16	0.51	0.44	0.47	0.46	0.39	0.51	0.52	0.45	0.52	0.01	2%
NC_1342	120	4642	0.26	0.24	0.08	0.26	0.16	0.19	0.17	0.21	0.26	0.26	0.24	0.26	0.00	0%
NC_1343	120	4642	0.93	0.86	0.31	0.92	0.91	0.90	0.94	0.77	0.92	1.01	0.89	1.01	0.09	10%
NC_1344	120	4645	0.29	0.27	0.10	0.31	0.21	0.26	0.22	0.23	0.33	0.31	0.27	0.33	0.02	6%
NC_1345	120	4645	0.16	0.15	0.06	0.17	0.07	0.12	0.09	0.12	0.17	0.17	0.15	0.17	0.00	0%
NC_1346	60	4578	0.18	0.19	0.04	0.20	0.14	0.18	0.15	0.14	0.22	0.20	0.17	0.22	0.02	10%
NC_1347	120	4642	0.97	0.91	0.34	1.01	0.79	0.84	0.80	0.78	1.01	1.07	0.95	1.07	0.06	6%
NC_1348	20	4451	0.24	0.23	0.03	0.23	0.22	0.23	0.23	0.13	0.24	0.20	0.17	0.24	0.01	4%
NC_1349	20	4451	0.69	0.67	0.08	0.67	0.68	0.67	0.70	0.45	0.66	0.66	0.56	0.70	0.03	4%
NC_1350	45	4549	3.26	3.36	0.44	3.55	3.06	3.04	3.38	2.60	2.97	3.55	3.13	3.55	0.00	0%
NC_1351	20	4451	0.48	0.46	0.05	0.46	0.47	0.46	0.48	0.30	0.47	0.45	0.38	0.48	0.02	4%
NC_1352	20	4450	0.30	0.29	0.04	0.29	0.28	0.29	0.29	0.17	0.30	0.26	0.22	0.30	0.01	3%
NC_1353	20	4451	0.24	0.24	0.03	0.24	0.23	0.24	0.24	0.15	0.25	0.22	0.19	0.25	0.01	4%
NC_1354	20	4451	0.69	0.66	0.08	0.67	0.67	0.67	0.69	0.46	0.67	0.67	0.57	0.69	0.02	3%
NC_1355	20	4451	0.47	0.44	0.05	0.45	0.45	0.45	0.46	0.29	0.46	0.43	0.36	0.46	0.01	2%
NC_1356	45	4549	3.45	3.56	0.50	3.79	3.06	3.14	3.56	2.77	3.05	3.74	3.31	3.74	-0.05	-1%
NC_1357	20	4450	0.18	0.17	0.02	0.17	0.17	0.17	0.17	0.09	0.17	0.14	0.12	0.17	0.00	0%
NC_1358	20	4449	0.91	0.90	0.10	0.91	0.88	0.89	0.94	0.65	0.84	0.95	0.80	0.95	0.04	4%
NC_1359	20	4450	0.28	0.27	0.04	0.27	0.27	0.27	0.27	0.16	0.28	0.24	0.20	0.28	0.01	4%
NC_1360	20	4451	0.48	0.46	0.05	0.46	0.47	0.46	0.48	0.29	0.46	0.44	0.38	0.48	0.02	4%
NC_1361	120	4636	1.77	1.77	0.17	1.77	0.33	0.77	0.77	1.76	1.76	1.61	1.57	1.76	-0.01	-1%
NC_1362	20	4449	1.07	1.03	0.10	1.04	1.05	1.01	1.09	0.76	0.98	1.10	0.93	1.10	0.06	6%
NC_1363	20	4451	0.91	0.87	0.10	0.87	0.89	0.87	0.91	0.61	0.87	0.90	0.76	0.91	0.04	5%
NC_1364	20	4451	0.41	0.39	0.05	0.39	0.40	0.39	0.41	0.24	0.39	0.37	0.31	0.41	0.02	5%
NC_1365	20	4449	2.39	2.34	0.23	2.38	2.25	2.23	2.49	1.70	2.09	2.46	2.12	2.49	0.11	5%
NC_1366	20	4449	1.48	1.43	0.14	1.44	1.44	1.39	1.52	1.02	1.34	1.50	1.29	1.52	0.08	6%
NC_1367	20	4445	0.73	0.70	0.07	0.71	0.73	0.70	0.74	0.48	0.66	0.71	0.61	0.74	0.03	4%
NC_1368	120	4642	1.10	1.08	0.29	1.12	0.85	0.97	0.93	0.95	1.12	1.11	0.98	1.12	0.00	0%
NC_1369	20	4450	0.25	0.25	0.03	0.25	0.24	0.25	0.25	0.14	0.25	0.21	0.17	0.25	0.00	0%
NC_1370	20	4451	0.52	0.50	0.06	0.51	0.51	0.51	0.52	0.34	0.51	0.50	0.43	0.52	0.01	2%
NC_1371	180	4676	10.58	10.48	1.72	10.68	2.59	3.56	3.66	10.58	10.74	8.58	11.58	11.58	0.90	8%
NC_1372	20	4445	0.55	0.52	0.06	0.52	0.54	0.52	0.55	0.36	0.52	0.54	0.45	0.55	0.03	6%
NC_1373	120	4636	8.58	8.69	0.63	8.71	1.20	1.80	1.88	8.67	8.77	6.86	9.24	9.24	0.53	6%
NC_1374	20	4451	0.17	0.17	0.02	0.17	0.16	0.17	0.17	0.09	0.17	0.14	0.12	0.17	0.00	0%
NC_1375	20	4446	0.30	0.29	0.04	0.29	0.29	0.30	0.29	0.21	0.33	0.30	0.26	0.33	0.04	14%
NC_1376	20	4445	0.63	0.61	0.07	0.61	0.62	0.61	0.63	0.41	0.60	0.60	0.51	0.63	0.02	3%
NC_1377	120	4642	0.23	0.22	0.08	0.25	0.10	0.17	0.13	0.19	0.25	0.24	0.22	0.25	0.00	0%
NC_1378	60	4578	0.18	0.19	0.04	0.20	0.13	0.17	0.14	0.14	0.21	0.20	0.17	0.21	0.01	5%
NC_1379	120	4642	0.91	0.83	0.27	0.85	0.76	0.81	0.84	0.78	0.85	0.96	0.83	0.96	0.11	13%
NC_1380	10	4389	1.13	1.12	0.05	1.12	1.12	1.05	1.15	0.76	0.99	1.09	0.92	1.15	0.03	3%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_1381	60	4574	0.20	0.21	0.05	0.23	0.14	0.19	0.15	0.15	0.23	0.22	0.19	0.23	0.00	0%
NC_1382	20	4450	0.35	0.34	0.04	0.35	0.34	0.34	0.35	0.21	0.35	0.31	0.26	0.35	0.00	0%
NC_1383	20	4449	0.59	0.60	0.07	0.60	0.56	0.60	0.61	0.45	0.57	0.65	0.54	0.65	0.05	8%
NC_1384	20	4451	0.46	0.44	0.05	0.44	0.45	0.44	0.45	0.30	0.45	0.44	0.37	0.45	0.01	2%
NC_1385	10	4384	0.32	0.31	0.03	0.31	0.31	0.30	0.32	0.15	0.29	0.24	0.20	0.32	0.01	3%
NC_1386	120	4640	7.19	7.19	0.88	7.24	2.01	3.46	3.53	7.24	7.14	6.22	6.39	7.24	0.00	0%
NC_1387	20	4449	0.68	0.69	0.09	0.69	0.62	0.70	0.69	0.51	0.63	0.72	0.56	0.72	0.03	4%
NC_1388	120	4643	0.80	0.79	0.19	0.80	0.42	0.60	0.61	0.72	0.76	0.82	0.72	0.82	0.02	2%
NC_1389	20	4446	0.21	0.20	0.03	0.21	0.19	0.21	0.20	0.14	0.24	0.21	0.18	0.24	0.03	14%
NC_1390	10	4389	0.88	0.86	0.07	0.87	0.87	0.83	0.89	0.55	0.82	0.82	0.69	0.89	0.02	2%
NC_1391	20	4451	0.28	0.27	0.04	0.27	0.26	0.27	0.27	0.16	0.28	0.25	0.21	0.28	0.01	4%
NC_1392	20	4451	0.41	0.39	0.05	0.40	0.40	0.40	0.41	0.25	0.40	0.38	0.32	0.41	0.01	2%
NC_1393	120	4636	10.16	10.10	1.25	10.10	3.23	5.66	5.77	10.09	10.06	8.89	8.94	10.09	-0.01	0%
NC_1394	120	4643	2.65	2.66	0.45	2.80	1.30	2.05	2.13	2.38	2.53	2.73	2.35	2.73	-0.07	-2%
NC_1395	120	4643	2.65	2.63	0.49	2.76	1.41	2.14	2.24	2.35	2.50	2.73	2.31	2.73	-0.03	-1%
NC_1396	120	4642	0.54	0.49	0.17	0.50	0.34	0.44	0.41	0.47	0.50	0.58	0.50	0.58	0.08	16%
NC_1397	20	4450	0.32	0.32	0.04	0.32	0.31	0.31	0.32	0.17	0.31	0.27	0.22	0.32	0.00	0%
NC_1398	20	4450	0.71	0.72	0.09	0.73	0.64	0.72	0.73	0.47	0.61	0.72	0.57	0.73	0.00	0%
NC_1399	20	4450	0.28	0.27	0.04	0.28	0.27	0.27	0.28	0.15	0.27	0.23	0.19	0.28	0.00	0%
NC_1400	20	4451	0.24	0.24	0.03	0.24	0.23	0.24	0.24	0.15	0.26	0.22	0.19	0.26	0.02	8%
NC_1401	20	4445	0.41	0.39	0.04	0.39	0.40	0.38	0.42	0.22	0.33	0.34	0.28	0.42	0.03	8%
NC_1402	10	4380	0.02	0.02	0.00	0.02	0.02	0.02	0.02	0.01	0.02	0.01	0.01	0.02	0.00	0%
NC_1403	20	4451	0.37	0.36	0.04	0.37	0.35	0.37	0.37	0.26	0.36	0.37	0.31	0.37	0.00	0%
NC_1404	20	4445	0.65	0.62	0.06	0.62	0.64	0.62	0.67	0.41	0.55	0.59	0.51	0.67	0.05	8%
NC_1405	25	4489	0.81	0.80	0.06	0.80	0.53	0.79	0.76	0.56	0.66	0.86	0.54	0.86	0.06	7%
NC_1406	20	4450	0.02	0.02	0.00	0.02	0.02	0.02	0.02	0.01	0.02	0.02	0.01	0.02	0.00	0%
NC_1407	60	4578	0.07	0.07	0.02	0.08	0.05	0.08	0.06	0.05	0.09	0.08	0.07	0.09	0.01	13%
NC_1408	20	4451	0.63	0.61	0.07	0.61	0.62	0.61	0.64	0.41	0.61	0.61	0.52	0.64	0.03	5%
NC_1409	20	4451	0.34	0.34	0.04	0.34	0.33	0.34	0.34	0.21	0.36	0.32	0.27	0.36	0.02	6%
NC_1410	20	4450	0.30	0.29	0.04	0.30	0.29	0.29	0.30	0.15	0.28	0.24	0.20	0.30	0.00	0%
NC_1411	20	4446	0.63	0.61	0.07	0.62	0.61	0.59	0.63	0.33	0.57	0.51	0.42	0.63	0.01	2%
NC_1412	20	4450	0.63	0.64	0.07	0.66	0.53	0.62	0.66	0.44	0.54	0.66	0.53	0.66	0.00	0%
NC_1413	20	4451	0.13	0.12	0.02	0.13	0.12	0.13	0.12	0.07	0.13	0.10	0.08	0.13	0.00	0%
NC_1414	10	4389	0.34	0.33	0.03	0.33	0.33	0.32	0.34	0.16	0.30	0.25	0.20	0.34	0.01	3%
NC_1415	20	4450	1.64	1.67	0.13	1.71	1.30	1.64	1.71	1.07	1.24	1.61	1.23	1.71	0.00	0%
NC_1416	20	4445	0.78	0.74	0.07	0.75	0.77	0.73	0.80	0.48	0.63	0.70	0.62	0.80	0.05	7%
NC_1417	20	4450	1.16	1.18	0.12	1.19	1.01	1.17	1.19	0.74	0.91	1.12	0.91	1.19	0.00	0%
NC_1418	10	4389	0.37	0.35	0.03	0.36	0.36	0.33	0.36	0.16	0.30	0.25	0.20	0.36	0.00	0%
NC_1419	45	4553	1.67	1.68	0.20	1.70	1.15	1.59	1.69	1.12	1.18	1.64	1.24	1.69	-0.01	-1%
NC_1420	45	4553	3.30	3.32	0.42	3.40	2.53	3.23	3.41	2.23	2.52	3.33	2.43	3.41	0.01	0%
NC_1421	120	4642	18.03	18.66	1.72	18.74	5.43	9.72	9.79	18.58	18.74	18.11	16.32	18.74	0.00	0%
NC_1422	10	4389	0.79	0.77	0.06	0.78	0.78	0.69	0.78	0.32	0.55	0.51	0.42	0.78	0.00	0%
NC_1423	10	4389	2.13	2.11	0.10	2.12	2.12	1.90	2.18	1.20	1.67	1.79	1.53	2.18	0.06	3%
NC_1424	60	4574	0.17	0.17	0.04	0.19	0.11	0.15	0.12	0.13	0.19	0.18	0.16	0.19	0.00	0%
NC_1425	120	4642	12.94	13.18	1.32	13.24	3.52	6.51	6.59	13.12	13.24	12.10	11.60	13.24	0.00	0%
NC_1426	10	4389	0.73	0.72	0.05	0.72	0.72	0.69	0.75	0.48	0.68	0.70	0.60	0.75	0.03	4%
NC_1427	10	4389	1.68	1.67	0.06	1.68	1.68	1.53	1.74	0.86	1.26	1.35	1.12	1.74	0.06	4%
NC_1428	10	4389	0.95	0.94	0.07	0.94	0.94	0.83	0.95	0.40	0.67	0.63	0.52	0.95	0.01	1%
NC_1429	10	4389	0.72	0.70	0.07	0.71	0.71	0.65	0.71	0.30	0.55	0.48	0.39	0.71	0.00	0%
NC_1430	10	4389	0.72	0.70	0.07	0.71	0.71	0.65	0.72	0.33	0.59	0.52	0.43	0.72	0.01	1%
NC_1431	10	4389	0.86	0.84	0.07	0.85	0.85	0.75	0.85	0.37	0.62	0.58	0.48	0.85	0.00	0%
NC_1432	10	4389	1.15	1.13	0.07	1.14	1.14	1.05	1.17	0.60	0.90	0.93	0.77	1.17	0.03	3%
NC_1433	20	4449	4.06	4.01	0.35	4.03	3.82	3.74	4.28	2.22	2.92	3.49	2.76	4.28	0.25	6%
NC_1434	20	4449	6.26	6.23	0.57	6.36	5.66	5.95	6.66	3.90	4.77	5.82	4.65	6.66	0.30	5%
NC_1435	20	4450	1.25	1.28	0.13	1.30	1.08	1.25	1.30	0.82	1.01	1.25	0.98	1.30	0.00	0%
NC_1436	60	4578	0.28	0.28	0.06	0.30	0.25	0.28	0.26	0.21	0.32	0.29	0.25	0.32	0.02	7%
NC_1437	20	4450	0.31	0.30	0.04	0.31	0.30	0.30	0.31	0.16	0.29	0.24	0.20	0.31	0.00	0%
NC_1438	10	4389	0.73	0.71	0.07	0.72	0.72	0.67	0.73	0.34	0.61	0.54	0.44	0.73	0.01	1%
NC_1439	120	4642	0.15	0.15	0.06	0.16	0.05	0.10	0.08	0.12	0.16	0.16	0.15	0.16	0.00	0%
NC_1440	10	4389	0.97	0.95	0.06	0.96	0.96	0.89	0.98	0.52	0.78	0.80	0.67	0.98	0.02	2%
NC_1441	10	4384	0.31	0.30	0.03	0.30	0.30	0.29	0.31	0.15	0.27	0.23	0.19	0.31	0.01	3%
NC_1442	10	4389	0.53	0.51	0.04	0.52	0.52	0.49	0.52	0.28	0.47	0.43	0.36	0.52	0.00	0%
NC_1443	45	4553	5.07	5.17	0.66	5.30	4.34	4.83	5.41	3.62	4.15	5.17	4.34	5.41	0.11	2%
NC_1444	10	4384	0.29	0.29	0.03	0.29	0.29	0.28	0.29	0.14	0.27	0.22	0.18	0.29	0.00	0%
NC_1445	10	4384	0.31	0.30	0.03	0.30	0.30	0.30	0.31	0.16	0.29	0.24	0.20	0.31	0.01	3%
NC_1446	20	4449	2.38	2.38	0.22	2.45	2.09	2.27	2.53	1.78	1.92	2.40	2.03	2.53	0.08	3%
NC_1447	20	4450	0.28	0.27	0.03	0.28	0.27	0.27	0.28	0.14	0.26	0.22	0.18	0.28	0.00	0%
NC_1448	120	4642	11.77	11.80	1.06	11.81	4.68	7.78	7.79	11.42	11.81	12.13	10.35	12.13	0.32	3%
NC_1449	10	4389	0.87	0.86	0.07	0.86	0.86	0.81	0.89	0.45	0.73	0.70	0.57	0.89	0.03	3%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_1450	10	4389	0.38	0.36	0.03	0.37	0.37	0.35	0.37	0.18	0.33	0.28	0.23	0.37	0.00	0%
NC_1451	20	4450	0.35	0.34	0.04	0.34	0.33	0.33	0.34	0.19	0.33	0.29	0.24	0.34	0.00	0%
NC_1452	20	4450	0.31	0.31	0.04	0.31	0.30	0.30	0.31	0.17	0.30	0.26	0.22	0.31	0.00	0%
NC_1453	20	4450	0.30	0.29	0.04	0.30	0.29	0.29	0.30	0.15	0.28	0.24	0.20	0.30	0.00	0%
NC_1454	10	4389	0.88	0.86	0.07	0.87	0.87	0.81	0.89	0.47	0.74	0.72	0.59	0.89	0.02	2%
NC_1455	120	4642	0.75	0.73	0.20	0.74	0.29	0.41	0.36	0.66	0.74	0.67	0.65	0.74	0.00	0%
NC_1456	20	4446	0.20	0.19	0.03	0.19	0.18	0.20	0.19	0.14	0.23	0.20	0.18	0.23	0.04	21%
NC_1457	120	4642	0.24	0.22	0.08	0.24	0.02	0.11	0.09	0.19	0.24	0.23	0.22	0.24	0.00	0%
NC_1458	20	4446	0.58	0.56	0.06	0.57	0.56	0.55	0.58	0.32	0.54	0.48	0.40	0.58	0.01	2%
NC_1459	120	4645	0.17	0.16	0.06	0.18	0.07	0.12	0.09	0.13	0.18	0.18	0.16	0.18	0.00	0%
NC_1460	120	4642	0.59	0.56	0.16	0.57	0.38	0.45	0.42	0.52	0.57	0.57	0.52	0.57	0.00	0%
NC_1461	120	4642	0.76	0.72	0.22	0.76	0.64	0.69	0.68	0.65	0.76	0.78	0.67	0.78	0.02	3%
NC_1462	120	4642	0.85	0.80	0.25	0.83	0.75	0.80	0.81	0.74	0.83	0.89	0.80	0.89	0.06	7%
NC_1463	25	4487	2.59	2.49	0.36	2.54	2.37	2.61	2.65	1.93	2.33	2.72	2.17	2.72	0.18	7%
NC_1464	20	4450	0.27	0.26	0.03	0.26	0.26	0.26	0.26	0.15	0.27	0.23	0.19	0.27	0.01	4%
NC_1465	45	4553	3.94	4.05	0.63	4.32	3.03	3.63	4.02	3.18	3.32	4.23	3.79	4.23	-0.09	-2%
NC_1466	20	4450	0.29	0.28	0.04	0.29	0.28	0.28	0.29	0.15	0.28	0.24	0.20	0.29	0.00	0%
NC_1467	20	4450	0.26	0.25	0.03	0.25	0.25	0.25	0.25	0.14	0.25	0.22	0.18	0.25	0.00	0%
NC_1468	20	4450	0.27	0.27	0.03	0.27	0.26	0.27	0.27	0.15	0.27	0.23	0.19	0.27	0.00	0%
NC_1469	10	4389	0.65	0.64	0.05	0.64	0.64	0.61	0.66	0.36	0.58	0.55	0.46	0.66	0.02	3%
NC_1470	20	4450	0.29	0.28	0.04	0.28	0.27	0.28	0.28	0.15	0.27	0.23	0.20	0.28	0.00	0%
NC_1471	10	4389	0.68	0.67	0.06	0.68	0.68	0.65	0.69	0.38	0.61	0.58	0.49	0.69	0.01	1%
NC_1472	20	4450	0.26	0.26	0.03	0.26	0.25	0.25	0.26	0.14	0.25	0.21	0.18	0.26	0.00	0%
NC_1473	20	4450	0.28	0.27	0.03	0.28	0.27	0.27	0.28	0.14	0.26	0.22	0.18	0.28	0.00	0%
NC_1474	20	4450	0.30	0.29	0.04	0.29	0.29	0.28	0.29	0.15	0.27	0.23	0.19	0.29	0.00	0%
NC_1475	20	4450	0.44	0.43	0.05	0.43	0.42	0.42	0.43	0.25	0.42	0.38	0.32	0.43	0.00	0%
NC_1476	20	4450	0.19	0.18	0.02	0.19	0.18	0.18	0.19	0.09	0.17	0.14	0.11	0.19	0.00	0%
NC_1477	20	4451	0.47	0.45	0.05	0.45	0.46	0.45	0.47	0.29	0.45	0.43	0.37	0.47	0.02	4%
NC_1478	120	4640	7.86	7.95	0.40	7.96	2.13	3.96	3.96	7.96	8.16	8.05	7.55	8.16	0.20	3%
NC_1479	120	4642	0.54	0.51	0.15	0.53	0.02	0.19	0.17	0.46	0.53	0.47	0.48	0.53	0.00	0%
NC_1480	120	4643	1.48	1.38	0.39	1.44	0.04	0.38	0.37	1.31	1.31	1.27	1.36	1.36	-0.08	-6%
NC_1481	120	4643	1.76	1.66	0.45	1.73	0.00	0.43	0.43	1.57	1.57	1.51	1.63	1.63	-0.10	-6%
NC_1482	120	4643	4.91	4.63	1.35	4.68	1.72	2.75	2.87	4.42	4.23	4.80	4.71	4.80	0.12	3%
NC_1483	120	4638	0.91	0.82	0.29	0.82	0.22	0.44	0.46	0.81	0.75	0.91	0.91	0.91	0.09	11%
NC_1484	120	4642	0.23	0.21	0.08	0.23	0.01	0.10	0.09	0.19	0.23	0.23	0.22	0.23	0.00	0%
NC_1485	120	4642	0.37	0.35	0.13	0.40	0.23	0.30	0.24	0.30	0.40	0.38	0.35	0.40	0.00	0%
NC_1486	120	4642	0.22	0.20	0.07	0.22	0.00	0.09	0.08	0.19	0.22	0.22	0.21	0.22	0.00	0%
NC_1487	45	4553	2.10	2.16	0.28	2.19	1.20	1.80	1.90	1.64	1.59	2.16	1.78	2.16	-0.03	-1%
NC_1488	45	4551	1.22	1.25	0.14	1.30	0.88	1.18	1.16	1.03	1.12	1.30	1.03	1.30	0.00	0%
NC_1489	120	4640	7.09	7.00	0.97	7.04	0.08	0.46	0.45	7.04	6.87	5.65	6.74	7.04	0.00	0%
NC_1490	120	4642	0.32	0.30	0.10	0.32	0.02	0.14	0.12	0.27	0.32	0.31	0.30	0.32	0.00	0%
NC_1491	20	4449	1.81	1.79	0.18	1.84	1.64	1.71	1.92	1.27	1.51	1.83	1.51	1.92	0.08	4%
NC_1492	20	4455	6.36	6.39	0.54	6.51	5.66	6.01	6.76	3.50	4.40	5.56	4.21	6.76	0.25	4%
NC_1493	120	4641	8.80	8.57	1.48	8.87	6.07	7.56	8.08	8.27	8.17	8.48	7.24	8.48	-0.39	-4%
NC_1494	20	4445	0.67	0.64	0.07	0.65	0.67	0.64	0.68	0.39	0.62	0.60	0.50	0.68	0.03	5%
NC_1495	10	4389	0.70	0.68	0.06	0.69	0.69	0.63	0.70	0.29	0.54	0.46	0.38	0.70	0.01	1%
NC_1496	10	4389	0.79	0.78	0.06	0.78	0.78	0.73	0.80	0.42	0.67	0.65	0.54	0.80	0.02	3%
NC_1497	10	4389	1.21	1.19	0.06	1.20	1.20	1.13	1.25	0.68	0.98	1.04	0.86	1.25	0.05	4%
NC_1498	60	4578	0.15	0.15	0.04	0.17	0.12	0.15	0.13	0.11	0.18	0.16	0.14	0.18	0.01	6%
NC_1499	20	4451	0.24	0.23	0.03	0.23	0.22	0.23	0.23	0.14	0.24	0.21	0.17	0.24	0.01	4%
NC_1500	20	4449	1.57	1.52	0.16	1.56	1.50	1.49	1.61	1.20	1.48	1.69	1.45	1.69	0.13	8%
NC_1501	270	4715	11.85	11.35	2.16	11.73	4.74	7.34	7.61	11.07	11.00	9.99	13.25	13.25	1.52	13%
NC_1502	20	4450	0.23	0.23	0.03	0.23	0.23	0.22	0.23	0.12	0.22	0.18	0.15	0.23	0.00	0%
NC_1503	20	4445	1.01	0.98	0.11	0.98	1.01	0.98	1.04	0.67	0.94	0.99	0.84	1.04	0.06	6%
NC_1504	20	4446	0.18	0.17	0.03	0.18	0.16	0.18	0.17	0.11	0.19	0.17	0.14	0.19	0.01	6%
NC_1505	20	4450	0.12	0.12	0.02	0.12	0.11	0.12	0.12	0.06	0.12	0.09	0.08	0.12	0.00	0%
NC_1506	10	4389	0.84	0.83	0.06	0.83	0.83	0.79	0.85	0.52	0.76	0.76	0.64	0.85	0.02	2%
NC_1507	20	4445	0.87	0.84	0.09	0.84	0.87	0.84	0.89	0.54	0.80	0.80	0.67	0.89	0.05	6%
NC_1508	20	4450	0.36	0.35	0.05	0.35	0.34	0.35	0.35	0.22	0.37	0.33	0.28	0.37	0.02	6%
NC_1509	20	4451	0.55	0.54	0.07	0.54	0.53	0.54	0.54	0.36	0.57	0.52	0.45	0.57	0.03	6%
NC_1510	20	4449	1.35	1.31	0.12	1.32	1.33	1.27	1.39	0.97	1.21	1.39	1.18	1.39	0.07	5%
NC_1511	20	4450	0.35	0.34	0.04	0.34	0.33	0.33	0.34	0.18	0.33	0.28	0.23	0.34	0.00	0%
NC_1512	20	4445	0.62	0.60	0.07	0.60	0.62	0.60	0.63	0.37	0.57	0.56	0.47	0.63	0.03	5%
NC_1513	20	4451	0.68	0.65	0.08	0.66	0.67	0.66	0.68	0.47	0.67	0.68	0.58	0.68	0.02	3%
NC_1514	20	4451	0.36	0.35	0.05	0.35	0.34	0.35	0.35	0.23	0.37	0.34	0.29	0.37	0.02	6%
NC_1515	20	4450	0.39	0.39	0.05	0.39	0.38	0.38	0.39	0.24	0.39	0.35	0.30	0.39	0.00	0%
NC_1516	20	4450	0.52	0.50	0.06	0.51	0.50	0.50	0.51	0.30	0.50	0.45	0.38	0.51	0.00	0%
NC_1517	10	4389	0.73	0.72	0.05	0.72	0.72	0.69	0.74	0.45	0.67	0.67	0.57	0.74	0.02	3%
NC_1518	20	4446	0.24	0.23	0.03	0.24	0.22	0.24	0.23	0.15	0.26	0.23	0.19	0.26	0.02	8%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min		m^3/s	%
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740			
NC_1519	20	4450	0.44	0.43	0.06	0.44	0.42	0.44	0.44	0.32	0.47	0.46	0.39	0.47	0.03	7%
NC_1520	45	4554	2.37	2.40	0.10	2.40	1.26	1.86	1.90	2.22	2.35	2.49	2.08	2.49	0.09	4%
NC_1521	20	4445	1.15	1.10	0.11	1.11	1.14	1.10	1.16	0.79	1.09	1.14	0.97	1.16	0.05	5%
NC_1522	10	4389	1.81	1.79	0.08	1.80	1.80	1.68	1.85	1.15	1.59	1.70	1.43	1.85	0.05	3%
NC_1523	20	4449	1.42	1.38	0.13	1.39	1.36	1.32	1.46	1.02	1.26	1.45	1.26	1.46	0.07	5%
NC_1524	20	4446	0.68	0.66	0.08	0.67	0.67	0.65	0.68	0.39	0.64	0.59	0.49	0.68	0.01	1%
NC_1525	45	4553	2.39	2.42	0.11	2.42	1.36	1.92	1.97	2.16	2.30	2.44	2.05	2.44	0.02	1%
NC_1526	45	4553	1.98	2.00	0.22	2.06	1.66	1.89	2.02	1.53	1.66	2.02	1.71	2.02	-0.04	-2%
NC_1527	10	4389	0.45	0.44	0.04	0.45	0.45	0.42	0.45	0.23	0.38	0.36	0.30	0.45	0.00	0%
NC_1528	10	4389	0.31	0.30	0.03	0.30	0.30	0.29	0.31	0.15	0.28	0.24	0.20	0.31	0.01	3%
NC_1529	20	4451	0.20	0.20	0.03	0.20	0.19	0.20	0.19	0.11	0.21	0.17	0.15	0.21	0.01	5%
NC_1530	120	4644	6.49	6.54	1.30	6.55	3.20	4.06	4.09	6.63	6.53	6.35	4.90	6.63	0.08	1%
NC_1531	20	4451	0.18	0.17	0.02	0.18	0.16	0.18	0.17	0.10	0.18	0.16	0.13	0.18	0.00	0%
NC_1532	120	4643	7.87	8.25	0.69	8.25	2.75	4.77	4.79	8.29	8.48	8.22	7.31	8.48	0.23	3%
NC_1533	120	4643	7.59	7.81	0.53	7.83	2.19	4.02	4.03	7.78	8.00	7.82	7.24	8.00	0.17	2%
NC_1534	45	4553	1.69	1.77	0.21	1.83	0.95	1.42	1.48	1.44	1.40	1.80	1.48	1.80	-0.03	-2%
NC_1535	45	4553	2.38	2.43	0.34	2.54	2.03	2.31	2.48	1.79	2.01	2.50	2.03	2.50	-0.04	-2%
NC_1536	20	4450	0.28	0.28	0.04	0.28	0.27	0.27	0.28	0.15	0.27	0.23	0.19	0.28	0.00	0%
NC_1537	45	4551	1.10	1.15	0.15	1.20	0.65	0.93	1.00	0.91	0.88	1.17	0.97	1.17	-0.03	-3%
NC_1538	10	4389	0.73	0.72	0.07	0.72	0.72	0.66	0.73	0.31	0.57	0.49	0.40	0.73	0.01	1%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_1	180	4662	113.38	113.20	3.30	114.53	38.47	48.21	77.56	88.14	98.37	105.31	114.77	114.77	0.24	0.2%
NC_2	60	4565	0.47	0.46	0.09	0.48	0.22	0.33	0.37	0.48	0.42	0.36	0.36	0.48	0.00	-0.2%
NC_3	45	4536	0.23	0.22	0.04	0.23	0.17	0.25	0.23	0.23	0.17	0.17	0.16	0.25	0.02	8.7%
NC_4	60	4565	0.60	0.59	0.10	0.60	0.23	0.34	0.49	0.60	0.59	0.50	0.46	0.60	0.00	-0.2%
NC_5	20	4436	3.73	3.69	0.41	3.78	3.18	3.42	3.98	3.41	2.42	2.20	2.33	3.98	0.20	5.4%
NC_6	20	4434	0.85	0.84	0.13	0.84	0.73	0.84	0.86	0.71	0.46	0.46	0.46	0.86	0.02	2.3%
NC_7	20	4435	0.70	0.70	0.12	0.71	0.65	0.71	0.72	0.59	0.38	0.40	0.37	0.72	0.01	1.1%
NC_8	60	4475	0.33	0.32	0.07	0.32	0.19	0.29	0.30	0.32	0.27	0.24	0.24	0.32	0.00	0.9%
NC_9	20	4436	1.17	1.15	0.13	1.16	0.99	1.14	1.20	1.09	0.74	0.69	0.72	1.20	0.04	3.0%
NC_10	60	4565	3.43	3.53	0.32	3.59	2.05	2.42	3.27	3.59	3.29	2.85	2.61	3.59	0.00	0.0%
NC_11	20	4436	2.19	2.12	0.27	2.15	1.80	2.06	2.27	1.99	1.42	1.31	1.36	2.27	0.12	5.7%
NC_12	20	4435	0.44	0.43	0.08	0.47	0.35	0.47	0.44	0.41	0.28	0.28	0.27	0.47	0.00	-1.1%
NC_13	45	4536	0.26	0.25	0.04	0.25	0.17	0.26	0.25	0.27	0.20	0.19	0.19	0.27	0.02	6.4%
NC_14	20	4435	0.93	0.92	0.14	0.92	0.78	0.92	0.94	0.80	0.53	0.52	0.52	0.94	0.02	2.5%
NC_15	60	4565	0.86	0.84	0.14	0.87	0.36	0.52	0.69	0.87	0.80	0.69	0.65	0.87	0.00	-0.3%
NC_16	20	4435	0.39	0.39	0.07	0.41	0.34	0.41	0.40	0.34	0.22	0.23	0.21	0.41	0.00	-0.7%
NC_17	45	4539	0.26	0.24	0.04	0.24	0.16	0.25	0.24	0.26	0.20	0.19	0.19	0.26	0.02	7.9%
NC_18	20	4435	0.95	0.92	0.13	0.94	0.75	0.94	0.95	0.89	0.66	0.61	0.62	0.95	0.01	0.5%
NC_19	60	4565	0.44	0.44	0.09	0.45	0.22	0.32	0.35	0.45	0.39	0.34	0.34	0.45	0.00	-0.2%
NC_20	60	4565	0.25	0.25	0.05	0.25	0.15	0.23	0.23	0.25	0.20	0.18	0.19	0.25	0.00	0.8%
NC_21	60	4565	4.20	4.33	0.38	4.40	2.59	3.05	4.02	4.40	4.03	3.51	3.18	4.40	0.00	0.0%
NC_22	45	4536	0.32	0.30	0.06	0.31	0.23	0.34	0.31	0.32	0.23	0.23	0.22	0.34	0.03	10.6%
NC_23	60	4565	1.47	1.46	0.23	1.48	0.59	0.86	1.21	1.48	1.41	1.21	1.13	1.48	0.00	0.1%
NC_24	60	4565	0.73	0.72	0.14	0.74	0.47	0.62	0.67	0.74	0.60	0.52	0.55	0.74	0.00	0.3%
NC_25	20	4435	0.55	0.55	0.10	0.56	0.51	0.56	0.56	0.47	0.30	0.32	0.29	0.56	0.00	0.7%
NC_26	45	4536	0.28	0.26	0.05	0.27	0.19	0.29	0.27	0.28	0.21	0.20	0.20	0.29	0.02	8.1%
NC_27	15	4409	0.53	0.52	0.06	0.53	0.53	0.51	0.54	0.40	0.25	0.29	0.24	0.54	0.01	1.9%
NC_28	20	4435	0.57	0.55	0.09	0.58	0.44	0.58	0.56	0.56	0.43	0.40	0.40	0.58	0.00	0.3%
NC_29	20	4435	0.64	0.64	0.11	0.65	0.60	0.65	0.66	0.54	0.35	0.37	0.34	0.66	0.01	1.8%
NC_30	90	4593	5.31	5.40	0.90	5.71	2.20	2.90	4.74	5.31	5.77	4.77	4.37	5.77	0.06	1.0%
NC_31	45	4536	0.26	0.24	0.04	0.24	0.17	0.25	0.24	0.26	0.20	0.19	0.19	0.26	0.02	7.9%
NC_32	60	4565	0.94	0.93	0.18	0.95	0.50	0.73	0.80	0.95	0.79	0.69	0.71	0.95	0.00	0.3%
NC_33	45	4536	0.27	0.25	0.04	0.25	0.17	0.26	0.25	0.27	0.21	0.20	0.20	0.27	0.02	8.4%
NC_34	60	4568	7.44	7.49	0.83	7.62	3.09	4.20	6.57	7.37	7.93	6.56	5.89	7.93	0.31	4.0%
NC_35	45	4536	0.42	0.39	0.07	0.40	0.29	0.43	0.40	0.42	0.32	0.31	0.30	0.43	0.03	7.2%
NC_36	60	4565	1.73	1.73	0.31	1.78	1.05	1.35	1.60	1.78	1.43	1.26	1.28	1.78	0.00	0.0%
NC_37	20	4435	0.39	0.38	0.08	0.41	0.34	0.41	0.40	0.35	0.23	0.24	0.22	0.41	0.00	0.0%
NC_38	15	4409	0.53	0.52	0.06	0.52	0.52	0.52	0.54	0.41	0.25	0.29	0.25	0.54	0.02	4.4%
NC_39	45	4536	0.33	0.30	0.05	0.31	0.23	0.34	0.31	0.33	0.24	0.23	0.23	0.34	0.03	9.0%
NC_40	60	4568	7.41	7.53	0.80	7.63	3.00	4.11	6.56	7.44	7.92	6.62	6.01	7.92	0.29	3.8%
NC_41	20	4435	0.70	0.68	0.10	0.70	0.56	0.70	0.69	0.65	0.45	0.43	0.43	0.70	0.00	0.6%
NC_42	45	4536	0.52	0.51	0.08	0.53	0.39	0.49	0.53	0.52	0.40	0.36	0.38	0.53	0.00	-0.4%
NC_43	20	4435	0.76	0.74	0.12	0.77	0.59	0.77	0.75	0.69	0.47	0.46	0.46	0.77	0.00	-0.1%
NC_44	20	4435	0.40	0.40	0.08	0.42	0.37	0.42	0.41	0.34	0.22	0.24	0.21	0.42	0.00	-1.0%
NC_45	20	4435	0.53	0.54	0.09	0.55	0.50	0.55	0.55	0.45	0.29	0.31	0.28	0.55	0.00	0.4%
NC_46	45	4539	0.29	0.27	0.05	0.27	0.19	0.28	0.27	0.29	0.23	0.21	0.21	0.29	0.02	8.1%
NC_47	20	4434	1.09	1.07	0.16	1.09	0.93	1.06	1.10	0.90	0.58	0.58	0.57	1.10	0.01	0.6%
NC_48	20	4435	1.08	1.05	0.14	1.06	0.88	1.06	1.08	0.98	0.67	0.63	0.65	1.08	0.02	2.3%
NC_49	60	4572	8.28	8.29	0.27	8.29	5.26	6.07	8.05	8.52	8.43	8.25	7.98	8.52	0.23	2.8%
NC_50	60	4565	0.30	0.30	0.06	0.30	0.18	0.28	0.27	0.30	0.24	0.22	0.22	0.30	0.00	-1.0%
NC_51	20	4435	1.17	1.13	0.16	1.13	0.94	1.13	1.19	1.06	0.73	0.68	0.71	1.19	0.06	5.4%
NC_52	45	4536	0.93	0.90	0.13	0.91	0.68	0.89	0.91	0.92	0.76	0.68	0.69	0.92	0.01	1.2%
NC_53	60	4565	1.47	1.47	0.28	1.50	0.94	1.23	1.39	1.50	1.21	1.06	1.09	1.50	0.00	-0.2%
NC_54	20	4435	0.74	0.73	0.12	0.75	0.63	0.75	0.74	0.66	0.44	0.43	0.43	0.75	0.00	0.0%
NC_55	20	4435	0.35	0.34	0.07	0.38	0.28	0.38	0.35	0.32	0.21	0.22	0.21	0.38	-0.01	-1.3%
NC_56	20	4435	0.43	0.43	0.08	0.44	0.41	0.44	0.45	0.35	0.22	0.24	0.22	0.45	0.01	1.6%
NC_57	20	4435	0.54	0.53	0.10	0.57	0.45	0.57	0.54	0.50	0.34	0.35	0.33	0.57	0.00	-0.5%
NC_58	60	4572	8.26	8.27	0.26	8.27	5.23	6.04	8.03	8.51	8.42	8.28	8.04	8.51	0.24	2.9%
NC_59	20	4435	0.59	0.59	0.11	0.61	0.55	0.61	0.61	0.51	0.33	0.35	0.32	0.61	0.00	-0.2%
NC_60	20	4435	0.41	0.42	0.08	0.43	0.39	0.43	0.43	0.35	0.22	0.24	0.22	0.43	0.00	0.2%
NC_61	20	4435	0.40	0.40	0.07	0.43	0.30	0.43	0.39	0.39	0.28	0.28	0.26	0.43	0.00	0.0%
NC_62	20	4436	4.92	4.95	0.32	5.05	4.41	4.63	5.15	4.77	3.41	3.12	3.30	5.15	0.10	2.0%
NC_63	20	4435	0.45	0.45	0.08	0.46	0.43	0.46	0.47	0.37	0.23	0.25	0.23	0.47	0.01	2.0%
NC_64	45	4478	1.15	1.12	0.16	1.15	0.92	1.04	1.18	1.16	0.88	0.78	0.82	1.18	0.03	2.8%
NC_65	15	4410	0.68	0.67	0.07	0.67	0.67	0.65	0.69	0.51	0.32	0.37	0.31	0.69	0.02	2.8%
NC_66	15	4409	0.48	0.47	0.06	0.47	0.47	0.48	0.50	0.39	0.24	0.27	0.24	0.50	0.03	6.2%
NC_67	45	4478	1.39	1.36	0.18	1.39	1.13	1.26	1.43	1.41	1.11	0.98	1.00	1.43	0.04	2.6%
NC_68	15	4409	0.50	0.50	0.05	0.50	0.50	0.49	0.51	0.38	0.23	0.27	0.23	0.51	0.01	2.6%
NC_69	45	4539	1.51	1.47	0.16	1.47	1.19	1.32	1.48	1.58	1.27	1.12	1.08	1.58	0.11	7.3%
NC_70	20	4435	0.41	0.41	0.08	0.42	0.38	0.42	0.42	0.35	0.22	0.24	0.22	0.42	0.00	0.7%
NC_71	20	4435	0.39	0.39	0.07	0.41	0.35	0.41	0.40	0.34	0.22	0.23	0.21	0.41	0.00	-0.7%
NC_72	20	4435	0.42	0.42	0.08	0.43	0.38	0.43	0.43	0.36	0.23	0.24	0.22	0.43	0.00	0.7%
NC_73	20	4435	0.85	0.84	0.11	0.85	0.69	0.85	0.86	0.81	0.59	0.55	0.55	0.86	0.01	0.8%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_74	45	4536	0.28	0.26	0.05	0.27	0.20	0.29	0.27	0.28	0.20	0.20	0.19	0.29	0.02	8.9%
NC_75	20	4440	5.69	5.71	0.35	5.82	5.07	5.30	6.03	5.60	3.99	3.65	3.83	6.03	0.21	3.6%
NC_76	20	4436	1.22	1.18	0.15	1.20	1.00	1.16	1.27	1.12	0.77	0.72	0.75	1.27	0.06	5.4%
NC_77	45	4542	1.46	1.44	0.19	1.47	1.19	1.33	1.52	1.47	1.18	1.05	1.05	1.52	0.05	3.3%
NC_78	20	4435	0.42	0.41	0.07	0.44	0.32	0.44	0.43	0.38	0.25	0.25	0.24	0.44	-0.01	-1.1%
NC_79	20	4435	0.53	0.54	0.10	0.55	0.50	0.55	0.55	0.45	0.29	0.31	0.29	0.55	0.00	0.5%
NC_80	45	4539	0.95	0.93	0.14	0.93	0.66	0.86	0.92	0.95	0.78	0.68	0.71	0.95	0.02	2.4%
NC_81	20	4435	0.72	0.71	0.08	0.71	0.59	0.71	0.74	0.69	0.48	0.45	0.46	0.74	0.03	4.1%
NC_82	45	4542	1.99	1.95	0.25	2.00	1.59	1.76	2.04	2.05	1.53	1.36	1.41	2.05	0.05	2.4%
NC_83	15	4409	0.60	0.60	0.06	0.60	0.60	0.57	0.61	0.44	0.27	0.32	0.26	0.61	0.01	1.5%
NC_84	20	4435	0.50	0.50	0.09	0.53	0.45	0.53	0.52	0.45	0.29	0.31	0.29	0.53	0.00	-0.6%
NC_85	20	4444	0.32	0.32	0.06	0.34	0.23	0.35	0.31	0.31	0.22	0.22	0.21	0.35	0.00	1.5%
NC_86	20	4436	2.23	2.20	0.27	2.22	1.90	2.04	2.32	1.91	1.27	1.24	1.25	2.32	0.10	4.5%
NC_87	15	4410	0.75	0.74	0.08	0.74	0.73	0.71	0.76	0.56	0.35	0.40	0.34	0.76	0.02	2.2%
NC_88	45	4542	1.56	1.47	0.27	1.53	1.18	1.53	1.63	1.54	1.11	1.04	1.06	1.63	0.10	6.6%
NC_89	45	4539	0.24	0.23	0.04	0.23	0.15	0.23	0.23	0.25	0.19	0.18	0.18	0.25	0.02	6.5%
NC_90	20	4436	2.82	2.81	0.27	2.89	2.40	2.61	3.05	2.78	2.11	1.89	1.94	3.05	0.16	5.6%
NC_91	20	4435	0.39	0.39	0.08	0.41	0.35	0.41	0.40	0.34	0.22	0.24	0.22	0.41	0.00	0.2%
NC_92	20	4435	0.34	0.34	0.07	0.37	0.26	0.37	0.34	0.32	0.22	0.23	0.21	0.37	0.00	-0.3%
NC_93	45	4536	0.59	0.56	0.08	0.56	0.42	0.58	0.57	0.59	0.47	0.43	0.43	0.59	0.03	5.0%
NC_94	20	4435	0.90	0.88	0.14	0.90	0.75	0.90	0.90	0.78	0.52	0.51	0.51	0.90	0.00	0.1%
NC_95	20	4435	0.78	0.76	0.13	0.78	0.63	0.78	0.78	0.68	0.45	0.44	0.44	0.78	0.00	-0.1%
NC_96	20	4436	1.12	1.10	0.13	1.11	0.92	1.10	1.16	1.07	0.75	0.69	0.73	1.16	0.05	4.3%
NC_97	20	4435	0.39	0.39	0.08	0.42	0.35	0.42	0.40	0.35	0.23	0.24	0.22	0.42	-0.01	-1.2%
NC_98	20	4435	1.20	1.17	0.15	1.18	0.99	1.18	1.23	1.12	0.80	0.74	0.76	1.23	0.05	3.9%
NC_99	20	4436	2.71	2.66	0.31	2.70	2.31	2.50	2.82	2.36	1.60	1.52	1.56	2.82	0.12	4.5%
NC_100	20	4435	0.44	0.43	0.08	0.46	0.36	0.46	0.44	0.40	0.27	0.28	0.26	0.46	0.00	0.4%
NC_101	20	4435	1.08	1.05	0.17	1.09	0.86	1.09	1.10	0.97	0.66	0.64	0.64	1.10	0.01	0.6%
NC_102	180	4667	8.36	8.40	0.66	8.42	5.21	6.02	8.06	8.54	8.46	8.62	8.51	8.62	0.20	2.3%
NC_103	20	4435	0.43	0.44	0.08	0.45	0.41	0.45	0.45	0.37	0.23	0.25	0.23	0.45	0.00	0.4%
NC_104	45	4536	0.27	0.25	0.04	0.26	0.18	0.28	0.26	0.27	0.20	0.20	0.19	0.28	0.02	5.8%
NC_105	20	4436	3.18	3.12	0.40	3.15	2.53	3.09	3.40	3.09	2.21	2.04	2.13	3.40	0.25	8.0%
NC_106	20	4435	0.42	0.43	0.08	0.43	0.40	0.43	0.44	0.35	0.22	0.24	0.22	0.44	0.01	2.1%
NC_107	45	4536	0.54	0.52	0.08	0.54	0.41	0.54	0.54	0.54	0.41	0.38	0.38	0.54	0.00	0.2%
NC_108	20	4435	0.47	0.47	0.09	0.50	0.41	0.50	0.48	0.43	0.28	0.30	0.28	0.50	0.00	-0.4%
NC_109	20	4440	5.14	5.15	0.46	5.27	4.62	4.54	5.53	4.60	3.11	2.93	3.05	5.53	0.26	4.8%
NC_110	20	4435	0.46	0.46	0.08	0.47	0.44	0.47	0.48	0.38	0.24	0.26	0.23	0.48	0.01	1.5%
NC_111	15	4409	0.49	0.48	0.05	0.48	0.48	0.47	0.50	0.37	0.23	0.27	0.22	0.50	0.02	3.5%
NC_112	60	4565	0.47	0.46	0.09	0.48	0.22	0.33	0.37	0.48	0.41	0.36	0.36	0.48	-0.01	-1.0%
NC_113	15	4412	0.60	0.59	0.07	0.59	0.58	0.61	0.62	0.49	0.31	0.34	0.30	0.62	0.03	5.6%
NC_114	20	4435	0.46	0.46	0.09	0.48	0.42	0.48	0.47	0.40	0.26	0.27	0.25	0.48	0.00	-0.6%
NC_115	45	4536	0.26	0.24	0.04	0.25	0.17	0.26	0.25	0.26	0.20	0.19	0.19	0.26	0.01	4.4%
NC_116	20	4436	1.47	1.41	0.19	1.44	1.20	1.39	1.53	1.32	0.91	0.84	0.89	1.53	0.09	5.9%
NC_117	20	4435	0.83	0.81	0.13	0.83	0.69	0.83	0.84	0.71	0.47	0.46	0.46	0.84	0.01	0.6%
NC_118	45	4536	0.29	0.27	0.05	0.28	0.19	0.29	0.28	0.30	0.22	0.21	0.21	0.30	0.02	5.4%
NC_119	45	4542	3.45	3.23	0.58	3.34	2.84	3.22	3.78	3.41	2.45	2.23	2.35	3.78	0.44	13.3%
NC_120	20	4435	0.70	0.69	0.12	0.74	0.55	0.74	0.69	0.67	0.48	0.47	0.45	0.74	0.00	-0.5%
NC_121	60	4565	0.60	0.59	0.10	0.59	0.23	0.34	0.49	0.59	0.57	0.49	0.45	0.59	0.00	0.5%
NC_122	20	4435	0.41	0.41	0.08	0.43	0.38	0.43	0.42	0.35	0.22	0.24	0.22	0.43	-0.01	-1.2%
NC_123	45	4478	0.80	0.77	0.12	0.77	0.54	0.66	0.77	0.83	0.64	0.57	0.59	0.83	0.06	7.4%
NC_124	30	4509	13.04	13.09	1.43	13.20	11.59	11.76	14.01	12.84	8.95	8.12	8.48	14.01	0.81	6.2%
NC_125	15	4409	0.53	0.53	0.05	0.53	0.53	0.50	0.53	0.38	0.23	0.28	0.23	0.53	0.00	0.8%
NC_126	20	4435	0.75	0.73	0.10	0.75	0.62	0.75	0.74	0.67	0.44	0.43	0.43	0.75	-0.01	-0.7%
NC_127	20	4435	0.46	0.46	0.09	0.48	0.41	0.48	0.47	0.40	0.26	0.28	0.26	0.48	0.00	-0.2%
NC_128	20	4435	0.84	0.83	0.13	0.84	0.72	0.84	0.85	0.71	0.47	0.46	0.46	0.85	0.01	1.2%
NC_129	60	4565	1.86	1.83	0.33	1.90	0.99	1.35	1.56	1.90	1.63	1.41	1.40	1.90	0.00	-0.1%
NC_130	20	4435	0.44	0.44	0.08	0.46	0.41	0.46	0.46	0.38	0.24	0.26	0.24	0.46	0.00	-0.7%
NC_131	60	4565	0.81	0.80	0.14	0.82	0.32	0.48	0.66	0.82	0.77	0.66	0.62	0.82	0.00	-0.2%
NC_132	20	4435	0.37	0.37	0.07	0.39	0.32	0.39	0.38	0.33	0.22	0.23	0.21	0.39	0.00	1.0%
NC_133	20	4436	1.21	1.16	0.16	1.17	0.98	1.16	1.24	1.08	0.74	0.69	0.72	1.24	0.07	5.6%
NC_134	20	4435	0.46	0.47	0.08	0.48	0.44	0.48	0.48	0.39	0.25	0.26	0.24	0.48	0.00	0.2%
NC_135	60	4565	0.60	0.59	0.10	0.60	0.24	0.35	0.49	0.60	0.57	0.49	0.46	0.60	0.00	0.0%
NC_136	15	4409	0.45	0.44	0.05	0.44	0.44	0.45	0.47	0.36	0.22	0.25	0.22	0.47	0.03	6.4%
NC_137	45	4536	0.26	0.24	0.04	0.24	0.17	0.25	0.24	0.26	0.20	0.19	0.19	0.26	0.02	7.9%
NC_138	45	4542	4.89	4.63	0.72	4.75	4.26	4.37	5.34	4.90	3.64	3.24	3.36	5.34	0.59	12.5%
NC_139	60	4565	0.47	0.47	0.09	0.48	0.23	0.33	0.38	0.48	0.41	0.35	0.36	0.48	0.00	0.2%
NC_140	20	4435	0.85	0.84	0.14	0.85	0.72	0.85	0.86	0.73	0.48	0.48	0.47	0.86	0.01	0.9%
NC_141	15	4409	0.48	0.47	0.05	0.47	0.47	0.47	0.49	0.37	0.23	0.26	0.22	0.49	0.02	4.3%
NC_142	15	4412	0.97	0.96	0.10	0.97	0.88	0.90	0.97	0.73	0.46	0.51	0.45	0.97	0.00	0.4%
NC_143	45	4536	0.27	0.25	0.04	0.25	0.17	0.26	0.25	0.27	0.20	0.19	0.19	0.27	0.02	6.8%
NC_144	20	4435	0.40	0.40	0.08	0.42	0.36	0.42	0.41	0.35	0.22	0.24	0.22	0.42	0.00	-0.5%
NC_145	20	4435	0.38	0.38	0.07	0.41	0.28	0.41	0.37	0.37	0.26	0.26	0.25	0.41	0.00	-0.7%
NC_146	20	4436	3.89	3.87	0.35	3.96	3.31	3.67	4.18	3.84	2.84	2.57	2.58	4.18	0.22	5.5%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_147	20	4434	1.00	0.99	0.15	1.00	0.86	0.98	1.01	0.83	0.53	0.54	0.53	1.01	0.01	1.2%
NC_148	20	4440	2.05	2.07	0.15	2.11	1.82	1.86	2.20	1.93	1.32	1.19	1.30	2.20	0.09	4.2%
NC_149	15	4412	0.50	0.49	0.06	0.49	0.49	0.51	0.52	0.41	0.25	0.28	0.25	0.52	0.03	6.1%
NC_150	20	4435	0.44	0.44	0.08	0.44	0.42	0.44	0.45	0.36	0.22	0.25	0.22	0.45	0.01	3.2%
NC_151	20	4435	0.85	0.82	0.13	0.84	0.68	0.84	0.88	0.75	0.50	0.48	0.49	0.88	0.04	4.3%
NC_152	120	4626	10.04	9.76	1.30	9.86	1.09	2.45	6.78	8.37	10.47	9.86	9.40	10.47	0.61	6.2%
NC_153	60	4565	0.27	0.27	0.06	0.27	0.16	0.25	0.25	0.27	0.22	0.20	0.20	0.27	0.00	1.1%
NC_154	30	4513	4.58	4.59	0.28	4.61	3.39	3.84	4.60	4.83	3.59	3.24	3.21	4.83	0.22	4.7%
NC_155	20	4434	1.46	1.42	0.20	1.43	1.26	1.39	1.52	1.24	0.83	0.82	0.81	1.52	0.09	6.0%
NC_156	60	4565	2.46	2.41	0.43	2.51	1.26	1.72	2.07	2.51	2.17	1.88	1.85	2.51	0.00	0.2%
NC_157	20	4436	1.88	1.86	0.22	1.88	1.60	1.71	1.98	1.62	1.10	1.07	1.08	1.98	0.10	5.1%
NC_158	120	4626	9.99	9.73	1.26	9.89	1.04	2.40	6.63	8.20	10.32	9.89	9.48	10.32	0.43	4.4%
NC_159	15	4409	0.49	0.48	0.06	0.48	0.48	0.49	0.51	0.38	0.24	0.27	0.23	0.51	0.03	5.8%
NC_160	20	4435	0.54	0.54	0.10	0.55	0.51	0.55	0.56	0.45	0.29	0.31	0.28	0.56	0.01	1.8%
NC_161	20	4435	0.44	0.45	0.08	0.45	0.43	0.45	0.46	0.36	0.23	0.25	0.22	0.46	0.01	2.0%
NC_162	20	4435	0.39	0.39	0.07	0.41	0.35	0.41	0.40	0.34	0.22	0.23	0.21	0.41	0.00	-0.5%
NC_163	20	4435	0.45	0.46	0.08	0.46	0.43	0.46	0.47	0.37	0.23	0.25	0.23	0.47	0.01	2.2%
NC_164	20	4435	0.99	0.97	0.15	0.98	0.81	0.98	0.99	0.85	0.56	0.55	0.55	0.99	0.01	0.8%
NC_165	15	4409	0.46	0.45	0.05	0.45	0.45	0.46	0.47	0.36	0.22	0.25	0.22	0.47	0.02	5.3%
NC_166	20	4435	0.51	0.51	0.09	0.51	0.46	0.51	0.52	0.42	0.26	0.28	0.26	0.52	0.01	2.2%
NC_167	20	4440	4.59	4.60	0.37	4.71	3.98	4.25	4.98	4.54	3.34	3.01	3.05	4.98	0.27	5.7%
NC_168	30	4509	7.28	7.25	0.96	7.29	6.39	6.56	7.92	7.25	5.31	4.70	4.96	7.92	0.63	8.7%
NC_169	15	4412	0.77	0.75	0.09	0.75	0.74	0.77	0.79	0.63	0.40	0.42	0.39	0.79	0.04	5.2%
NC_170	20	4435	0.47	0.47	0.09	0.50	0.42	0.50	0.49	0.42	0.28	0.29	0.27	0.50	0.00	-0.6%
NC_171	60	4565	3.71	3.62	0.63	3.79	1.90	2.53	3.09	3.79	3.35	2.90	2.80	3.79	0.00	-0.1%
NC_172	45	4542	5.56	5.24	0.89	5.39	4.83	4.95	6.11	5.53	3.97	3.55	3.80	6.11	0.72	13.3%
NC_173	20	4435	0.77	0.75	0.12	0.78	0.61	0.78	0.77	0.69	0.46	0.45	0.45	0.78	-0.01	-0.6%
NC_174	20	4436	1.51	1.50	0.16	1.54	1.28	1.39	1.61	1.40	0.97	0.87	0.95	1.61	0.07	4.7%
NC_175	20	4436	1.37	1.32	0.18	1.33	1.13	1.31	1.40	1.20	0.81	0.76	0.79	1.40	0.07	5.3%
NC_176	120	4623	2.17	2.13	0.19	2.14	0.97	1.26	1.90	2.12	2.30	2.11	2.05	2.30	0.16	7.7%
NC_177	15	4409	0.53	0.52	0.06	0.52	0.52	0.51	0.54	0.40	0.25	0.29	0.24	0.54	0.02	3.1%
NC_178	20	4434	0.86	0.85	0.13	0.86	0.76	0.84	0.87	0.70	0.45	0.46	0.44	0.87	0.01	0.9%
NC_179	60	4565	1.08	1.05	0.18	1.09	0.57	0.76	0.86	1.09	1.00	0.86	0.81	1.09	0.00	-0.4%
NC_180	20	4435	0.50	0.50	0.09	0.51	0.48	0.51	0.52	0.41	0.26	0.28	0.25	0.52	0.01	1.8%
NC_181	180	4659	2.29	2.25	0.31	2.26	0.92	1.20	1.89	2.13	2.30	2.37	2.26	2.37	0.11	5.0%
NC_182	20	4435	0.56	0.55	0.10	0.58	0.50	0.58	0.57	0.49	0.32	0.34	0.31	0.58	0.00	-0.5%
NC_183	15	4409	0.46	0.44	0.05	0.45	0.45	0.46	0.47	0.36	0.23	0.25	0.22	0.47	0.02	4.9%
NC_184	20	4435	0.46	0.47	0.08	0.48	0.44	0.48	0.48	0.39	0.24	0.26	0.24	0.48	0.00	0.6%
NC_185	20	4435	0.80	0.78	0.13	0.80	0.67	0.80	0.80	0.70	0.46	0.46	0.45	0.80	0.00	0.1%
NC_186	60	4565	0.29	0.29	0.06	0.29	0.17	0.26	0.26	0.29	0.24	0.21	0.22	0.29	0.00	-0.7%
NC_187	15	4409	0.46	0.45	0.05	0.45	0.45	0.46	0.48	0.37	0.23	0.26	0.22	0.48	0.03	6.2%
NC_188	20	4434	1.06	1.04	0.15	1.07	0.93	1.02	1.07	0.85	0.55	0.56	0.54	1.07	0.00	-0.2%
NC_189	45	4536	0.27	0.25	0.05	0.26	0.19	0.28	0.26	0.27	0.20	0.20	0.19	0.28	0.02	7.3%
NC_190	45	4540	4.76	4.70	0.25	4.72	3.21	3.91	4.60	5.06	3.99	3.63	3.36	5.06	0.34	7.2%
NC_191	15	4412	0.53	0.52	0.06	0.52	0.51	0.53	0.55	0.43	0.27	0.30	0.27	0.55	0.03	5.8%
NC_192	30	4509	7.94	7.92	1.02	7.96	6.98	7.15	8.59	7.90	5.76	5.09	5.39	8.59	0.63	7.9%
NC_193	180	4668	10.19	10.34	0.69	10.35	4.73	5.59	7.93	8.59	9.29	10.30	10.73	10.73	0.38	3.7%
NC_194	60	4565	0.80	0.79	0.13	0.80	0.37	0.51	0.65	0.80	0.76	0.65	0.60	0.80	0.00	0.3%
NC_195	20	4435	0.52	0.51	0.10	0.54	0.45	0.54	0.53	0.46	0.31	0.32	0.30	0.54	0.00	0.2%
NC_196	60	4565	0.50	0.50	0.09	0.51	0.30	0.39	0.45	0.51	0.41	0.36	0.37	0.51	0.00	0.6%
NC_197	20	4444	0.32	0.32	0.06	0.35	0.23	0.35	0.31	0.32	0.23	0.23	0.22	0.35	0.00	-0.9%
NC_198	15	4409	0.45	0.44	0.05	0.44	0.44	0.46	0.47	0.37	0.23	0.25	0.23	0.47	0.03	7.0%
NC_199	20	4434	1.11	1.08	0.15	1.09	0.94	1.06	1.13	0.92	0.60	0.60	0.59	1.13	0.04	3.8%
NC_200	20	4434	1.83	1.76	0.25	1.76	1.50	1.74	1.86	1.57	1.04	1.00	1.02	1.86	0.10	5.5%
NC_201	60	4565	0.39	0.38	0.08	0.38	0.22	0.33	0.34	0.38	0.32	0.28	0.29	0.38	0.00	1.1%
NC_202	20	4435	1.09	1.05	0.15	1.05	0.88	1.05	1.11	0.98	0.67	0.62	0.66	1.11	0.06	6.0%
NC_203	20	4435	0.78	0.77	0.10	0.77	0.64	0.77	0.79	0.73	0.51	0.48	0.49	0.79	0.02	3.1%
NC_204	45	4539	0.28	0.27	0.04	0.27	0.18	0.27	0.26	0.28	0.23	0.21	0.21	0.28	0.01	4.8%
NC_205	30	4509	4.79	4.77	0.62	4.78	4.18	4.36	5.21	4.79	3.52	3.17	3.21	5.21	0.43	9.1%
NC_206	60	4565	0.54	0.54	0.11	0.55	0.27	0.41	0.46	0.55	0.45	0.39	0.41	0.55	0.00	0.0%
NC_207	20	4436	2.11	2.07	0.25	2.11	1.79	1.93	2.21	1.85	1.25	1.19	1.23	2.21	0.10	4.5%
NC_208	20	4435	0.43	0.44	0.08	0.44	0.41	0.44	0.45	0.36	0.22	0.24	0.22	0.45	0.01	2.0%
NC_209	60	4565	0.25	0.24	0.05	0.25	0.15	0.22	0.23	0.25	0.20	0.18	0.18	0.25	0.00	-1.6%
NC_210	30	4509	8.50	8.50	1.02	8.55	7.38	7.56	9.14	8.49	6.17	5.46	5.75	9.14	0.58	6.8%
NC_211	20	4435	0.50	0.51	0.09	0.52	0.47	0.52	0.52	0.42	0.27	0.29	0.26	0.52	0.00	0.2%
NC_212	45	4539	0.24	0.23	0.04	0.23	0.15	0.23	0.23	0.24	0.19	0.18	0.18	0.24	0.01	6.1%
NC_213	45	4536	6.27	6.10	0.45	6.11	4.27	4.99	6.11	6.69	5.18	4.67	4.47	6.69	0.58	9.5%
NC_214	60	4565	0.54	0.53	0.09	0.55	0.27	0.35	0.44	0.55	0.52	0.44	0.42	0.55	-0.01	-0.9%
NC_215	60	4573	3.97	4.00	0.17	4.02	2.80	3.13	4.01	4.16	3.78	3.71	3.39	4.16	0.14	3.5%
NC_216	45	4536	0.26	0.24	0.04	0.25	0.17	0.26	0.25	0.26	0.20	0.19	0.19	0.26	0.01	4.8%
NC_217	60	4565	0.43	0.42	0.08	0.44	0.20	0.30	0.34	0.44	0.37	0.33	0.33	0.44	0.00	-0.5%
NC_218	60	4565	4.42	4.48	0.26	4.50	2.33	2.85	3.99	4.50	4.45	4.02	3.67	4.50	0.00	0.0%
NC_219	60	4565	0.65	0.65	0.13	0.67	0.33	0.49	0.53	0.67	0.56	0.49	0.50	0.67	0.00	-0.6%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_220	20	4436	1.56	1.52	0.18	1.56	1.31	1.46	1.63	1.41	0.98	0.89	0.95	1.63	0.07	4.6%
NC_221	20	4435	0.42	0.42	0.08	0.44	0.39	0.44	0.44	0.36	0.23	0.25	0.23	0.44	0.00	0.0%
NC_222	20	4435	0.40	0.40	0.08	0.42	0.35	0.42	0.41	0.35	0.23	0.24	0.22	0.42	0.00	-0.2%
NC_223	20	4435	0.55	0.55	0.09	0.55	0.53	0.55	0.57	0.45	0.28	0.31	0.28	0.57	0.02	3.3%
NC_224	20	4435	0.44	0.44	0.08	0.45	0.41	0.45	0.45	0.37	0.24	0.26	0.23	0.45	0.00	0.7%
NC_225	45	4478	4.54	4.48	0.28	4.52	3.15	3.61	4.61	4.84	3.67	3.34	3.24	4.84	0.32	7.0%
NC_226	20	4436	2.40	2.41	0.23	2.48	2.11	2.15	2.58	2.15	1.46	1.38	1.44	2.58	0.10	4.0%
NC_227	180	4659	2.39	2.37	0.31	2.37	1.05	1.21	1.90	2.15	2.34	2.53	2.37	2.53	0.16	6.9%
NC_228	20	4435	0.37	0.36	0.07	0.40	0.29	0.40	0.37	0.34	0.23	0.24	0.23	0.40	-0.01	-1.3%
NC_229	180	4667	10.39	10.46	0.46	10.52	4.70	5.57	7.77	8.47	9.30	10.35	10.85	10.85	0.33	3.1%
NC_230	45	4536	0.28	0.26	0.04	0.26	0.18	0.28	0.26	0.28	0.21	0.20	0.20	0.28	0.02	8.1%
NC_231	20	4435	0.75	0.73	0.10	0.76	0.59	0.76	0.74	0.73	0.55	0.51	0.51	0.76	0.00	-0.4%
NC_232	30	4509	8.70	8.72	0.99	8.78	7.49	7.67	9.30	8.73	6.35	5.61	5.88	9.30	0.52	6.0%
NC_233	45	4536	0.26	0.24	0.04	0.25	0.17	0.26	0.25	0.26	0.20	0.19	0.19	0.26	0.01	5.2%
NC_234	45	4541	6.70	6.55	0.47	6.57	4.44	5.27	6.45	7.16	5.61	5.06	4.80	7.16	0.59	8.9%
NC_235	20	4435	0.47	0.47	0.08	0.48	0.45	0.48	0.49	0.38	0.24	0.26	0.24	0.49	0.01	1.0%
NC_236	60	4565	0.84	0.83	0.16	0.87	0.38	0.57	0.70	0.87	0.72	0.63	0.63	0.87	0.00	0.0%
NC_237	60	4565	4.57	4.60	0.27	4.61	2.38	2.92	4.10	4.61	4.67	4.17	3.85	4.67	0.06	1.3%
NC_238	45	4542	22.18	21.87	1.23	22.05	15.69	17.87	22.57	23.66	18.02	16.56	15.88	23.66	1.61	7.3%
NC_239	60	4565	5.50	5.44	1.08	5.66	1.23	1.75	4.39	5.66	5.17	4.28	3.53	5.66	0.00	0.0%
NC_240	45	4536	6.91	6.85	0.21	6.85	3.91	4.79	6.85	7.35	6.36	5.69	5.24	7.35	0.50	7.3%
NC_241	45	4536	0.40	0.38	0.07	0.39	0.29	0.43	0.39	0.40	0.29	0.28	0.27	0.43	0.04	9.5%
NC_242	45	4536	0.30	0.28	0.05	0.28	0.19	0.29	0.28	0.30	0.23	0.21	0.21	0.30	0.02	6.1%
NC_243	45	4536	1.72	1.71	0.21	1.73	1.33	1.58	1.73	1.74	1.48	1.29	1.26	1.74	0.01	0.4%
NC_244	45	4542	22.35	22.01	1.41	22.23	16.39	18.40	22.83	23.76	17.92	16.34	15.82	23.76	1.53	6.9%
NC_245	60	4565	1.43	1.40	0.25	1.45	0.57	0.86	1.14	1.45	1.30	1.13	1.09	1.45	0.00	0.3%
NC_246	15	4409	0.50	0.49	0.06	0.49	0.49	0.50	0.52	0.39	0.24	0.28	0.24	0.52	0.03	5.7%
NC_247	20	4435	0.43	0.43	0.08	0.45	0.39	0.45	0.44	0.37	0.24	0.25	0.23	0.45	0.00	-0.9%
NC_248	60	4568	0.66	0.66	0.08	0.67	0.31	0.40	0.57	0.66	0.67	0.56	0.51	0.67	0.00	0.1%
NC_249	60	4565	0.99	0.98	0.17	1.02	0.62	0.78	0.86	1.02	0.86	0.75	0.75	1.02	0.00	0.4%
NC_250	45	4539	0.24	0.23	0.04	0.24	0.15	0.23	0.23	0.25	0.19	0.18	0.18	0.25	0.01	2.1%
NC_251	60	4565	0.24	0.24	0.05	0.24	0.15	0.22	0.23	0.24	0.20	0.18	0.18	0.24	0.00	1.7%
NC_252	60	4565	4.66	4.67	0.27	4.68	2.40	2.96	4.15	4.68	4.79	4.26	3.96	4.79	0.11	2.3%
NC_253	60	4565	1.17	1.16	0.15	1.19	0.82	0.99	1.05	1.19	1.08	0.93	0.87	1.19	0.00	0.0%
NC_254	60	4565	0.24	0.24	0.05	0.24	0.15	0.22	0.22	0.24	0.19	0.17	0.18	0.24	0.00	1.3%
NC_255	60	4565	0.43	0.42	0.08	0.43	0.23	0.35	0.37	0.43	0.36	0.31	0.32	0.43	0.00	-0.7%
NC_256	45	4539	0.26	0.25	0.04	0.25	0.17	0.25	0.25	0.26	0.20	0.19	0.19	0.26	0.01	5.2%
NC_257	60	4565	0.51	0.51	0.10	0.52	0.29	0.41	0.45	0.52	0.42	0.36	0.38	0.52	0.00	0.0%
NC_258	60	4570	4.40	4.42	0.06	4.43	2.76	3.11	4.15	4.43	4.49	4.47	4.05	4.49	0.06	1.4%
NC_259	45	4536	0.29	0.27	0.05	0.28	0.19	0.29	0.28	0.30	0.23	0.21	0.21	0.30	0.02	5.7%
NC_260	60	4565	13.98	13.76	2.31	14.25	9.60	10.04	12.01	14.25	12.61	10.60	9.03	14.25	0.00	0.0%
NC_261	15	4409	0.50	0.49	0.05	0.49	0.49	0.48	0.51	0.37	0.23	0.27	0.22	0.51	0.02	3.1%
NC_262	20	4440	3.60	3.60	0.34	3.69	3.15	3.23	3.93	3.36	2.34	2.11	2.27	3.93	0.24	6.4%
NC_263	180	4662	113.23	113.09	3.38	114.46	38.52	48.25	77.62	88.19	98.40	105.29	114.64	114.64	0.18	0.2%
NC_264	45	4539	0.25	0.24	0.04	0.24	0.15	0.23	0.23	0.25	0.20	0.18	0.18	0.25	0.01	4.2%
NC_265	20	4435	0.64	0.64	0.11	0.65	0.61	0.65	0.66	0.53	0.34	0.36	0.33	0.66	0.01	1.8%
NC_266	20	4436	1.01	1.00	0.11	1.01	0.84	0.99	1.05	0.97	0.68	0.63	0.66	1.05	0.04	4.0%
NC_267	60	4565	0.50	0.49	0.09	0.51	0.22	0.34	0.39	0.51	0.45	0.39	0.38	0.51	0.00	-0.6%
NC_268	180	4659	15.30	15.40	2.62	15.44	4.33	5.11	8.60	10.59	13.75	15.03	15.44	15.44	0.00	0.0%
NC_269	60	4565	0.43	0.42	0.08	0.44	0.20	0.29	0.34	0.44	0.37	0.33	0.33	0.44	0.00	-0.5%
NC_270	45	4539	1.29	1.25	0.11	1.26	0.83	1.00	1.24	1.37	1.07	0.96	0.94	1.37	0.11	8.7%
NC_271	90	4598	4.53	4.56	0.22	4.57	2.70	3.07	4.14	4.43	4.76	4.66	4.32	4.76	0.19	4.1%
NC_272	180	4667	10.54	10.51	0.36	10.54	4.67	5.55	7.76	8.45	9.30	10.36	10.95	10.95	0.41	3.9%
NC_273	60	4565	0.49	0.48	0.09	0.49	0.21	0.31	0.38	0.49	0.44	0.38	0.37	0.49	0.00	0.8%
NC_274	60	4568	5.17	5.12	0.35	5.14	2.61	3.24	4.55	5.10	5.34	4.65	4.34	5.34	0.20	3.9%
NC_275	60	4565	14.05	13.88	2.26	14.33	9.65	10.11	12.17	14.33	12.77	10.70	9.09	14.33	0.00	0.0%
NC_276	20	4435	0.37	0.37	0.07	0.39	0.32	0.39	0.38	0.33	0.22	0.23	0.21	0.39	0.00	0.8%
NC_277	45	4541	1.37	1.33	0.07	1.34	0.77	0.96	1.32	1.45	1.24	1.10	1.03	1.45	0.11	8.0%
NC_278	20	4435	0.37	0.36	0.07	0.39	0.30	0.39	0.37	0.34	0.23	0.24	0.22	0.39	0.00	0.8%
NC_279	60	4565	15.05	15.01	2.06	15.34	10.65	11.44	13.76	15.34	14.09	11.60	9.86	15.34	0.00	0.0%
NC_280	180	4662	113.23	113.08	3.38	114.46	38.53	48.27	77.65	88.23	98.42	105.30	114.64	114.64	0.18	0.2%
NC_281	20	4435	0.37	0.36	0.07	0.39	0.31	0.39	0.38	0.33	0.22	0.23	0.21	0.39	0.00	0.3%
NC_282	60	4565	0.28	0.28	0.06	0.28	0.17	0.25	0.26	0.28	0.23	0.20	0.21	0.28	0.00	0.4%
NC_283	20	4435	0.70	0.69	0.12	0.71	0.58	0.71	0.71	0.61	0.40	0.40	0.39	0.71	0.00	-0.4%
NC_284	60	4568	1.24	1.25	0.16	1.27	0.49	0.69	1.10	1.24	1.29	1.08	0.98	1.29	0.02	1.8%
NC_285	45	4542	22.71	22.38	1.11	22.54	15.52	17.88	23.14	24.32	18.73	17.33	16.49	24.32	1.78	7.9%
NC_286	60	4565	0.24	0.24	0.05	0.24	0.15	0.22	0.23	0.24	0.20	0.18	0.18	0.24	0.00	1.7%
NC_287	180	4662	113.36	113.19	3.31	114.52	38.49	48.22	77.58	88.16	98.38	105.31	114.75	114.75	0.23	0.2%
NC_288	20	4435	0.64	0.64	0.11	0.66	0.60	0.66	0.66	0.55	0.36	0.37	0.35	0.66	0.00	0.2%
NC_289	20	4440	2.61	2.62	0.20	2.67	2.26	2.37	2.85	2.57	1.79	1.61	1.73	2.85	0.18	6.6%
NC_290	20	4435	0.43	0.43	0.08	0.44	0.41	0.44	0.44	0.36	0.22	0.24	0.22	0.44	0.00	0.9%
NC_291	20	4435	0.49	0.49	0.09	0.51	0.44	0.51	0.50	0.43	0.28	0.30	0.27	0.51	0.00	0.4%
NC_292	60	4565	0.57	0.56	0.11	0.57	0.29	0.44	0.46	0.58	0.51	0.44	0.44	0.58	0.01	0.9%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_293	60	4573	8.15	8.28	0.75	8.49	4.43	5.51	7.99	8.72	7.61	6.90	6.35	8.72	0.23	2.7%
NC_294	60	4568	2.52	2.59	0.29	2.62	0.96	1.35	2.24	2.56	2.66	2.25	2.06	2.66	0.04	1.5%
NC_295	20	4435	0.44	0.44	0.08	0.46	0.39	0.46	0.45	0.38	0.25	0.26	0.24	0.46	-0.01	-1.1%
NC_296	20	4435	0.42	0.43	0.08	0.44	0.39	0.44	0.44	0.36	0.23	0.25	0.23	0.44	0.00	0.2%
NC_297	20	4435	0.61	0.60	0.08	0.61	0.48	0.61	0.64	0.60	0.43	0.40	0.41	0.64	0.03	5.6%
NC_298	30	4509	2.63	2.64	0.23	2.65	2.11	2.22	2.75	2.68	1.91	1.72	1.78	2.75	0.10	3.7%
NC_299	60	4573	32.83	33.42	3.13	34.32	19.34	23.45	32.25	35.21	29.99	27.31	25.39	35.21	0.89	2.6%
NC_300	20	4435	0.48	0.48	0.09	0.49	0.45	0.49	0.50	0.40	0.26	0.28	0.25	0.50	0.01	1.4%
NC_301	20	4435	0.87	0.87	0.15	0.89	0.80	0.89	0.91	0.73	0.47	0.49	0.46	0.91	0.02	2.0%
NC_302	180	4662	113.27	113.11	3.39	114.47	38.61	48.35	77.77	88.35	98.52	105.35	114.66	114.66	0.19	0.2%
NC_303	45	4542	1.45	1.41	0.19	1.46	1.18	1.31	1.51	1.48	1.07	0.96	1.01	1.51	0.05	3.2%
NC_304	60	4565	0.95	0.95	0.14	0.95	0.42	0.57	0.80	0.95	0.93	0.79	0.73	0.95	0.00	0.4%
NC_305	20	4435	0.38	0.38	0.07	0.41	0.33	0.41	0.39	0.34	0.22	0.24	0.22	0.41	0.00	-1.2%
NC_306	90	4594	2.97	3.05	0.53	3.24	1.05	1.50	2.63	3.04	3.24	2.81	2.59	3.24	0.00	-0.1%
NC_307	60	4565	0.85	0.83	0.15	0.87	0.43	0.60	0.68	0.87	0.77	0.67	0.65	0.87	0.00	-0.2%
NC_308	60	4572	11.17	11.46	0.92	11.66	5.20	6.75	10.55	11.73	11.07	9.90	9.09	11.73	0.07	0.6%
NC_309	60	4565	0.70	0.69	0.13	0.72	0.31	0.47	0.55	0.72	0.62	0.54	0.53	0.72	-0.01	-0.7%
NC_310	90	4590	5.33	5.32	0.24	5.34	3.00	3.38	4.38	4.79	5.61	5.29	4.94	5.61	0.27	5.0%
NC_311	20	4440	1.33	1.34	0.10	1.37	1.16	1.22	1.44	1.30	0.91	0.82	0.88	1.44	0.07	5.0%
NC_312	20	4435	0.81	0.79	0.13	0.80	0.69	0.80	0.81	0.68	0.45	0.44	0.44	0.81	0.01	1.5%
NC_313	60	4573	8.13	8.24	0.73	8.44	4.35	5.43	7.94	8.70	7.63	6.94	6.42	8.70	0.26	3.0%
NC_314	45	4539	0.36	0.34	0.06	0.34	0.23	0.34	0.33	0.36	0.29	0.26	0.26	0.36	0.02	5.6%
NC_315	20	4435	1.31	1.25	0.19	1.26	1.07	1.26	1.35	1.13	0.76	0.73	0.75	1.35	0.09	6.7%
NC_316	90	4594	3.27	3.38	0.54	3.57	1.11	1.58	2.85	3.27	3.57	3.13	2.85	3.57	0.00	-0.1%
NC_317	20	4435	0.41	0.42	0.08	0.43	0.38	0.43	0.43	0.35	0.23	0.24	0.22	0.43	0.00	0.2%
NC_318	180	4667	106.70	106.96	6.46	108.33	38.26	47.85	76.74	87.09	96.76	102.53	108.67	108.67	0.34	0.3%
NC_319	15	4409	0.46	0.45	0.05	0.45	0.45	0.46	0.48	0.37	0.23	0.26	0.23	0.48	0.03	5.8%
NC_320	90	4594	3.40	3.53	0.55	3.71	1.12	1.60	2.94	3.37	3.71	3.28	2.97	3.71	0.00	0.0%
NC_321	20	4435	0.50	0.50	0.09	0.51	0.47	0.51	0.52	0.42	0.26	0.28	0.26	0.52	0.01	1.4%
NC_322	45	4536	0.26	0.24	0.04	0.25	0.17	0.26	0.25	0.26	0.20	0.19	0.19	0.26	0.01	5.2%
NC_323	20	4435	0.94	0.93	0.16	0.97	0.82	0.97	0.95	0.85	0.59	0.59	0.56	0.97	-0.01	-0.5%
NC_324	90	4593	5.58	5.64	0.94	5.90	2.16	3.07	4.84	5.34	6.04	5.04	4.55	6.04	0.14	2.3%
NC_325	180	4663	14.70	15.08	0.81	15.13	6.14	7.42	10.53	11.57	13.08	14.29	15.18	15.18	0.05	0.3%
NC_326	90	4593	5.72	5.84	0.96	6.16	2.08	2.94	4.91	5.56	6.22	5.23	4.81	6.22	0.06	1.0%
NC_327	60	4565	0.44	0.43	0.09	0.44	0.24	0.36	0.37	0.44	0.38	0.33	0.33	0.44	0.00	0.0%
NC_328	20	4435	0.40	0.40	0.08	0.42	0.35	0.42	0.41	0.35	0.22	0.23	0.22	0.42	0.00	-0.5%
NC_329	20	4435	0.47	0.47	0.09	0.49	0.44	0.49	0.49	0.40	0.26	0.28	0.25	0.49	0.00	-0.2%
NC_330	20	4435	0.41	0.41	0.08	0.43	0.38	0.43	0.43	0.35	0.22	0.24	0.22	0.43	0.00	-0.9%
NC_331	60	4573	8.60	8.72	0.73	8.88	4.47	5.62	8.36	9.21	8.17	7.46	6.93	9.21	0.32	3.7%
NC_332	20	4435	1.33	1.28	0.19	1.31	1.08	1.31	1.35	1.19	0.84	0.79	0.81	1.35	0.04	2.7%
NC_333	30	4513	3.14	3.14	0.30	3.16	2.49	2.72	3.26	3.24	2.33	2.09	2.16	3.26	0.09	3.0%
NC_334	20	4435	0.42	0.42	0.08	0.44	0.38	0.44	0.44	0.37	0.24	0.25	0.23	0.44	0.00	0.7%
NC_335	45	4539	0.24	0.23	0.04	0.23	0.15	0.22	0.23	0.24	0.19	0.18	0.18	0.24	0.01	6.1%
NC_336	45	4539	0.25	0.23	0.04	0.24	0.15	0.23	0.23	0.25	0.20	0.18	0.18	0.25	0.01	3.3%
NC_337	20	4435	0.55	0.55	0.10	0.56	0.52	0.56	0.57	0.45	0.29	0.31	0.28	0.57	0.01	1.2%
NC_338	60	4565	0.28	0.28	0.06	0.28	0.17	0.25	0.26	0.28	0.23	0.20	0.21	0.28	0.00	0.0%
NC_339	20	4436	0.86	0.86	0.09	0.88	0.73	0.79	0.93	0.80	0.56	0.51	0.54	0.93	0.05	5.7%
NC_340	45	4536	0.29	0.28	0.05	0.28	0.21	0.32	0.28	0.29	0.21	0.21	0.20	0.32	0.04	12.9%
NC_341	180	4663	14.73	15.05	0.77	15.10	6.13	7.40	10.52	11.56	13.02	14.27	15.24	15.24	0.14	0.9%
NC_342	20	4436	2.45	2.36	0.31	2.40	2.03	2.31	2.53	2.17	1.49	1.38	1.46	2.53	0.13	5.4%
NC_343	60	4565	0.58	0.57	0.12	0.58	0.33	0.47	0.52	0.58	0.47	0.41	0.43	0.58	0.00	0.3%
NC_344	20	4435	0.83	0.81	0.13	0.83	0.69	0.83	0.83	0.72	0.48	0.47	0.47	0.83	0.00	0.0%
NC_345	60	4565	0.24	0.24	0.05	0.24	0.15	0.22	0.23	0.24	0.20	0.18	0.18	0.24	0.00	1.3%
NC_346	20	4436	2.34	2.25	0.31	2.28	1.91	2.22	2.44	2.08	1.41	1.33	1.38	2.44	0.16	6.9%
NC_347	20	4435	0.45	0.45	0.08	0.45	0.43	0.45	0.47	0.36	0.23	0.25	0.22	0.47	0.02	3.3%
NC_348	60	4565	0.45	0.44	0.08	0.46	0.19	0.29	0.35	0.46	0.39	0.34	0.34	0.46	0.00	-0.9%
NC_349	60	4565	0.62	0.61	0.11	0.63	0.29	0.42	0.50	0.63	0.60	0.51	0.47	0.63	0.00	-0.6%
NC_350	90	4594	5.99	6.16	0.98	6.53	2.15	3.00	5.09	5.84	6.53	5.58	5.17	6.53	0.00	-0.1%
NC_351	60	4565	0.42	0.42	0.08	0.43	0.21	0.32	0.34	0.43	0.37	0.32	0.32	0.43	0.00	-0.5%
NC_352	60	4568	0.75	0.74	0.11	0.76	0.34	0.47	0.64	0.73	0.77	0.64	0.57	0.77	0.01	0.7%
NC_353	20	4435	0.78	0.76	0.10	0.77	0.63	0.77	0.77	0.72	0.49	0.47	0.48	0.77	0.00	0.5%
NC_354	60	4572	11.10	11.41	0.94	11.60	5.20	6.75	10.50	11.67	10.98	9.81	8.98	11.67	0.07	0.6%
NC_355	180	4667	106.70	106.95	6.46	108.33	38.26	47.85	76.74	87.11	96.76	102.53	108.66	108.66	0.33	0.3%
NC_356	90	4593	6.62	6.76	0.69	6.96	2.55	2.90	5.01	5.85	7.07	6.34	6.10	7.07	0.11	1.6%
NC_357	15	4412	0.49	0.47	0.06	0.47	0.47	0.49	0.51	0.39	0.25	0.27	0.24	0.51	0.04	7.9%
NC_358	60	4565	3.15	3.13	0.52	3.21	1.27	1.90	2.59	3.21	2.94	2.52	2.43	3.21	0.00	0.0%
NC_359	20	4435	0.82	0.79	0.12	0.81	0.67	0.81	0.85	0.72	0.49	0.46	0.48	0.85	0.04	4.9%
NC_360	60	4565	0.61	0.61	0.12	0.62	0.30	0.45	0.51	0.62	0.51	0.44	0.46	0.62	0.00	0.3%
NC_361	60	4565	0.90	0.90	0.15	0.92	0.61	0.78	0.83	0.92	0.76	0.66	0.68	0.92	0.00	-0.1%
NC_362	180	4667	106.69	106.94	6.47	108.32	38.27	47.86	76.75	87.12	96.77	102.54	108.66	108.66	0.34	0.3%
NC_363	45	4539	0.28	0.26	0.04	0.27	0.17	0.27	0.26	0.28	0.22	0.20	0.21	0.28	0.01	4.1%
NC_364	20	4435	0.42	0.42	0.08	0.44	0.39	0.44	0.44	0.35	0.23	0.24	0.22	0.44	0.00	-0.9%
NC_365	60	4565	0.63	0.62	0.10	0.62	0.24	0.35	0.52	0.62	0.62	0.52	0.48	0.62	0.00	0.5%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_366	20	4435	0.62	0.62	0.11	0.64	0.57	0.64	0.64	0.53	0.35	0.37	0.34	0.64	0.00	-0.6%
NC_367	60	4565	0.48	0.47	0.09	0.49	0.22	0.32	0.38	0.49	0.43	0.37	0.37	0.49	0.00	0.6%
NC_368	60	4565	3.21	3.17	0.59	3.29	1.45	2.16	2.69	3.29	2.81	2.44	2.42	3.29	0.00	0.0%
NC_369	60	4565	0.27	0.27	0.05	0.27	0.16	0.25	0.25	0.27	0.21	0.19	0.20	0.27	0.00	-1.1%
NC_370	20	4435	0.42	0.42	0.08	0.44	0.38	0.44	0.43	0.36	0.23	0.25	0.23	0.44	0.00	-0.7%
NC_371	60	4565	1.39	1.38	0.27	1.43	0.69	1.02	1.20	1.43	1.16	1.01	1.04	1.43	0.00	-0.3%
NC_372	180	4667	106.68	106.93	6.48	108.33	38.28	47.87	76.76	87.12	96.78	102.53	108.65	108.65	0.32	0.3%
NC_373	20	4435	0.44	0.44	0.08	0.45	0.42	0.45	0.45	0.36	0.23	0.25	0.22	0.45	0.00	0.9%
NC_374	60	4565	0.55	0.54	0.11	0.55	0.29	0.43	0.46	0.55	0.48	0.41	0.41	0.55	0.00	-0.5%
NC_375	90	4593	3.64	3.69	0.53	3.86	1.56	2.08	3.22	3.62	3.91	3.38	3.25	3.91	0.05	1.3%
NC_376	20	4435	0.48	0.49	0.09	0.50	0.46	0.50	0.50	0.40	0.26	0.28	0.25	0.50	0.00	0.2%
NC_377	90	4593	6.85	7.02	1.11	7.41	2.66	3.50	5.83	6.67	7.45	6.37	5.88	7.45	0.04	0.5%
NC_378	45	4536	0.28	0.26	0.05	0.27	0.19	0.28	0.27	0.28	0.21	0.20	0.20	0.28	0.01	4.8%
NC_379	15	4412	0.52	0.50	0.06	0.50	0.50	0.51	0.53	0.41	0.25	0.29	0.25	0.53	0.03	6.4%
NC_380	60	4565	3.04	2.99	0.56	3.11	1.40	2.08	2.55	3.11	2.63	2.28	2.28	3.11	0.00	0.0%
NC_381	90	4593	6.72	6.85	0.68	7.08	2.62	3.06	5.04	5.88	7.15	6.44	6.23	7.15	0.07	1.0%
NC_382	20	4435	0.37	0.36	0.07	0.39	0.31	0.39	0.38	0.33	0.22	0.23	0.21	0.39	0.00	0.5%
NC_383	45	4536	0.69	0.66	0.10	0.66	0.47	0.66	0.66	0.69	0.54	0.49	0.50	0.69	0.03	4.1%
NC_384	60	4565	0.32	0.32	0.07	0.32	0.20	0.30	0.30	0.32	0.26	0.24	0.24	0.32	0.00	0.9%
NC_385	180	4663	17.70	18.38	2.44	18.47	8.87	10.20	13.46	14.74	15.28	16.41	18.30	18.30	-0.17	-0.9%
NC_386	15	4409	0.49	0.48	0.05	0.49	0.49	0.47	0.50	0.37	0.23	0.27	0.22	0.50	0.01	1.8%
NC_387	20	4435	0.37	0.37	0.07	0.40	0.27	0.40	0.36	0.36	0.26	0.26	0.25	0.40	0.00	-0.8%
NC_388	60	4565	0.44	0.43	0.09	0.44	0.24	0.36	0.38	0.44	0.38	0.32	0.33	0.44	0.00	-0.2%
NC_389	60	4565	1.70	1.68	0.29	1.74	0.87	1.22	1.43	1.74	1.52	1.32	1.28	1.74	0.00	0.2%
NC_390	60	4565	0.30	0.30	0.06	0.30	0.18	0.27	0.27	0.30	0.25	0.22	0.23	0.30	0.00	0.3%
NC_391	20	4435	1.28	1.24	0.19	1.28	1.02	1.28	1.30	1.16	0.80	0.78	0.78	1.30	0.01	1.2%
NC_392	60	4565	0.28	0.28	0.06	0.28	0.16	0.25	0.25	0.28	0.23	0.20	0.21	0.28	0.00	-1.4%
NC_393	15	4410	1.38	1.36	0.14	1.37	1.25	1.30	1.39	1.09	0.70	0.74	0.69	1.39	0.02	1.6%
NC_394	180	4667	106.48	106.66	6.77	108.40	38.55	48.16	77.16	87.53	97.06	102.63	108.55	108.55	0.15	0.1%
NC_395	20	4435	0.40	0.41	0.08	0.42	0.37	0.42	0.42	0.35	0.22	0.24	0.22	0.42	0.00	0.5%
NC_396	60	4565	1.44	1.42	0.27	1.48	0.65	0.97	1.19	1.48	1.27	1.10	1.09	1.48	0.00	-0.1%
NC_397	45	4478	2.19	2.17	0.08	2.17	1.82	1.92	2.21	2.29	1.94	1.81	1.75	2.29	0.12	5.7%
NC_398	45	4539	0.25	0.23	0.04	0.24	0.15	0.23	0.23	0.25	0.20	0.18	0.18	0.25	0.01	3.8%
NC_399	180	4667	106.67	106.92	6.49	108.33	38.28	47.87	76.77	87.14	96.78	102.54	108.65	108.65	0.32	0.3%
NC_400	15	4409	0.47	0.47	0.05	0.47	0.47	0.47	0.49	0.37	0.23	0.26	0.22	0.49	0.02	3.6%
NC_401	120	4626	7.44	7.18	0.66	7.25	3.51	4.39	5.44	6.34	7.87	7.25	6.86	7.87	0.62	8.6%
NC_402	20	4435	1.05	1.01	0.15	1.02	0.85	1.02	1.07	0.90	0.60	0.57	0.59	1.07	0.05	4.6%
NC_403	180	4667	106.48	106.64	6.68	108.33	38.39	47.99	76.92	87.29	96.88	102.55	108.55	108.55	0.22	0.2%
NC_404	180	4667	106.67	106.91	6.50	108.33	38.29	47.88	76.78	87.14	96.79	102.54	108.65	108.65	0.32	0.3%
NC_405	45	4536	0.26	0.24	0.04	0.24	0.17	0.25	0.24	0.26	0.20	0.19	0.19	0.26	0.02	7.9%
NC_406	20	4434	2.02	1.97	0.29	1.99	1.75	1.94	2.08	1.69	1.11	1.11	1.09	2.08	0.09	4.3%
NC_407	20	4435	0.42	0.42	0.08	0.44	0.38	0.44	0.43	0.36	0.23	0.25	0.23	0.44	-0.01	-1.1%
NC_408	60	4565	1.50	1.48	0.26	1.53	0.78	1.11	1.24	1.53	1.34	1.16	1.13	1.53	0.00	0.0%
NC_409	15	4412	0.52	0.51	0.06	0.51	0.51	0.52	0.54	0.42	0.26	0.29	0.26	0.54	0.03	5.7%
NC_410	20	4435	0.76	0.75	0.12	0.78	0.58	0.78	0.76	0.72	0.51	0.49	0.49	0.78	0.00	-0.4%
NC_411	20	4436	1.49	1.44	0.19	1.46	1.25	1.40	1.53	1.29	0.87	0.83	0.85	1.53	0.07	4.7%
NC_412	20	4435	0.84	0.82	0.13	0.86	0.67	0.86	0.82	0.77	0.53	0.52	0.52	0.86	0.00	-0.2%
NC_413	15	4409	0.49	0.48	0.06	0.48	0.48	0.50	0.51	0.40	0.25	0.28	0.24	0.51	0.03	6.7%
NC_414	20	4435	0.41	0.42	0.08	0.43	0.39	0.43	0.43	0.35	0.22	0.24	0.22	0.43	0.00	0.5%
NC_415	15	4412	0.61	0.60	0.07	0.60	0.60	0.61	0.63	0.48	0.30	0.34	0.30	0.63	0.03	5.0%
NC_416	15	4412	0.58	0.57	0.07	0.57	0.56	0.59	0.61	0.48	0.30	0.33	0.30	0.61	0.04	6.3%
NC_417	45	4541	1.09	1.06	0.13	1.06	0.78	1.00	1.02	1.12	0.92	0.82	0.81	1.12	0.06	5.6%
NC_418	15	4409	0.56	0.55	0.06	0.56	0.56	0.54	0.57	0.42	0.26	0.30	0.25	0.57	0.01	1.8%
NC_419	20	4440	1.94	1.96	0.15	1.99	1.72	1.74	2.11	1.83	1.25	1.13	1.22	2.11	0.12	5.8%
NC_420	15	4409	0.45	0.44	0.05	0.44	0.44	0.46	0.47	0.37	0.23	0.25	0.22	0.47	0.03	6.8%
NC_421	60	4565	0.77	0.78	0.11	0.78	0.34	0.46	0.66	0.78	0.75	0.64	0.59	0.78	0.00	-0.5%
NC_422	180	4659	105.92	106.37	7.13	108.17	38.58	48.18	77.16	87.52	96.98	102.45	108.17	108.17	0.00	0.0%
NC_423	20	4435	0.45	0.46	0.08	0.47	0.43	0.47	0.47	0.38	0.24	0.26	0.23	0.47	0.00	0.4%
NC_424	60	4565	2.48	2.49	0.43	2.57	1.25	1.69	2.17	2.57	2.13	1.86	1.86	2.57	0.00	-0.2%
NC_425	60	4565	0.52	0.51	0.10	0.53	0.27	0.40	0.45	0.53	0.42	0.37	0.39	0.53	0.00	-0.8%
NC_426	20	4435	0.44	0.44	0.08	0.45	0.42	0.45	0.45	0.36	0.23	0.25	0.22	0.45	0.00	0.9%
NC_427	20	4436	2.12	2.08	0.26	2.09	1.78	1.97	2.21	1.82	1.22	1.19	1.20	2.21	0.12	5.6%
NC_428	20	4435	0.63	0.62	0.08	0.63	0.52	0.63	0.63	0.58	0.38	0.37	0.37	0.63	0.00	0.2%
NC_429	20	4435	0.43	0.43	0.08	0.44	0.41	0.44	0.45	0.35	0.22	0.24	0.22	0.45	0.01	1.1%
NC_430	15	4410	0.76	0.76	0.07	0.76	0.76	0.69	0.75	0.53	0.33	0.40	0.32	0.76	0.00	0.4%
NC_431	45	4536	0.29	0.27	0.05	0.28	0.20	0.30	0.28	0.29	0.21	0.21	0.20	0.30	0.02	6.8%
NC_432	20	4436	1.88	1.85	0.20	1.90	1.63	1.72	1.97	1.64	1.11	1.06	1.09	1.97	0.07	3.6%
NC_433	20	4436	1.31	1.32	0.11	1.35	1.12	1.24	1.41	1.30	0.92	0.83	0.89	1.41	0.06	4.5%
NC_434	60	4565	0.24	0.24	0.05	0.24	0.15	0.22	0.23	0.24	0.19	0.17	0.18	0.24	0.00	1.3%
NC_435	15	4409	0.53	0.52	0.06	0.53	0.53	0.51	0.54	0.39	0.24	0.29	0.24	0.54	0.01	1.3%
NC_436	30	4509	2.00	2.01	0.15	2.01	1.60	1.70	2.06	2.04	1.42	1.29	1.33	2.06	0.05	2.3%
NC_437	180	4659	105.96	106.40	7.15	108.20	38.67	48.28	77.30	87.67	97.10	102.52	108.20	108.20	0.00	0.0%
NC_438	15	4412	0.92	0.91	0.10	0.92	0.85	0.88	0.93	0.72	0.46	0.49	0.45	0.93	0.01	1.4%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_439	60	4565	0.24	0.24	0.05	0.24	0.15	0.22	0.23	0.24	0.19	0.17	0.18	0.24	0.00	1.3%
NC_440	45	4478	2.11	2.07	0.24	2.08	1.64	1.90	2.10	2.17	1.74	1.53	1.52	2.17	0.09	4.3%
NC_441	45	4542	0.65	0.62	0.10	0.66	0.48	0.64	0.66	0.64	0.48	0.44	0.45	0.66	0.00	-0.3%
NC_442	20	4435	0.40	0.39	0.07	0.43	0.31	0.43	0.40	0.37	0.25	0.26	0.25	0.43	0.00	-0.9%
NC_443	120	4628	9.40	9.14	1.14	9.42	6.54	7.15	8.45	8.95	9.92	8.85	8.32	9.92	0.50	5.3%
NC_444	20	4435	0.69	0.68	0.09	0.69	0.57	0.69	0.69	0.64	0.43	0.41	0.42	0.69	0.00	0.1%
NC_445	60	4565	0.29	0.29	0.06	0.29	0.17	0.26	0.26	0.29	0.23	0.21	0.22	0.29	0.00	-0.7%
NC_446	15	4410	1.32	1.32	0.12	1.34	1.14	1.21	1.32	1.05	0.68	0.70	0.67	1.32	-0.02	-1.3%
NC_447	20	4435	0.89	0.87	0.13	0.89	0.71	0.89	0.90	0.81	0.56	0.53	0.54	0.90	0.01	1.0%
NC_448	60	4565	1.69	1.65	0.30	1.72	0.71	1.07	1.36	1.72	1.53	1.32	1.28	1.72	0.00	-0.1%
NC_449	30	4513	2.02	2.01	0.19	2.01	1.63	1.76	2.08	2.07	1.48	1.33	1.39	2.08	0.07	3.3%
NC_450	60	4565	2.08	2.09	0.37	2.15	1.08	1.45	1.84	2.15	1.76	1.55	1.56	2.15	0.00	0.0%
NC_451	60	4565	1.89	1.89	0.34	1.95	1.01	1.34	1.68	1.95	1.57	1.38	1.40	1.95	0.00	-0.1%
NC_452	180	4659	3.52	3.59	0.38	3.61	0.89	1.27	2.29	2.64	3.12	3.38	3.61	3.61	0.00	0.1%
NC_453	20	4435	0.73	0.71	0.11	0.74	0.60	0.74	0.72	0.68	0.49	0.48	0.47	0.74	0.00	0.0%
NC_454	60	4565	0.65	0.64	0.11	0.66	0.35	0.48	0.52	0.66	0.58	0.51	0.49	0.66	0.00	0.6%
NC_455	60	4565	1.07	1.05	0.20	1.09	0.47	0.71	0.86	1.09	0.95	0.82	0.81	1.09	0.00	0.1%
NC_456	10	4376	1.12	1.14	0.06	1.14	1.02	1.03	1.12	0.84	0.53	0.58	0.52	1.12	-0.02	-1.6%
NC_457	180	4659	105.99	106.42	7.17	108.22	38.73	48.35	77.39	87.76	97.18	102.57	108.22	108.22	0.00	0.0%
NC_458	180	4659	33.54	34.72	3.10	34.80	14.91	17.55	25.61	27.71	30.24	30.99	34.80	34.80	0.00	0.0%
NC_459	15	4409	0.52	0.52	0.05	0.52	0.52	0.49	0.52	0.38	0.23	0.28	0.23	0.52	0.00	0.8%
NC_460	15	4409	0.51	0.50	0.05	0.51	0.51	0.49	0.52	0.38	0.24	0.28	0.23	0.52	0.01	1.8%
NC_461	20	4436	1.52	1.52	0.12	1.56	1.36	1.42	1.58	1.37	0.89	0.84	0.88	1.58	0.02	1.4%
NC_462	20	4435	1.22	1.18	0.18	1.18	1.02	1.18	1.25	1.06	0.71	0.69	0.70	1.25	0.07	6.2%
NC_463	15	4410	1.50	1.50	0.14	1.54	1.30	1.39	1.51	1.22	0.80	0.80	0.79	1.51	-0.03	-1.9%
NC_464	45	4536	0.28	0.26	0.05	0.27	0.19	0.29	0.27	0.28	0.20	0.20	0.19	0.29	0.02	8.1%
NC_465	20	4434	1.08	1.06	0.16	1.07	0.94	1.05	1.09	0.89	0.58	0.58	0.57	1.09	0.01	1.4%
NC_466	90	4597	15.34	15.37	1.98	15.95	8.99	10.58	13.46	16.17	16.48	15.29	14.22	16.48	0.53	3.3%
NC_467	60	4565	0.24	0.24	0.05	0.24	0.15	0.22	0.23	0.24	0.19	0.17	0.18	0.24	0.00	1.3%
NC_468	20	4435	0.61	0.61	0.11	0.62	0.57	0.62	0.63	0.51	0.33	0.35	0.32	0.63	0.01	0.8%
NC_469	20	4436	1.03	1.04	0.09	1.06	0.88	0.98	1.11	1.01	0.72	0.64	0.69	1.11	0.05	4.3%
NC_470	60	4569	2.16	2.20	0.26	2.26	1.52	1.72	2.07	2.27	1.92	1.68	1.58	2.27	0.01	0.4%
NC_471	15	4409	0.51	0.51	0.05	0.51	0.51	0.49	0.52	0.38	0.23	0.28	0.23	0.52	0.01	2.4%
NC_472	60	4565	0.46	0.46	0.09	0.47	0.28	0.39	0.42	0.47	0.38	0.33	0.34	0.47	0.00	-1.1%
NC_473	15	4409	0.52	0.51	0.06	0.51	0.51	0.51	0.53	0.41	0.26	0.29	0.25	0.53	0.02	4.7%
NC_474	60	4565	0.24	0.24	0.05	0.24	0.15	0.22	0.22	0.24	0.19	0.17	0.18	0.24	0.00	0.8%
NC_475	15	4409	0.54	0.55	0.05	0.55	0.55	0.50	0.54	0.38	0.23	0.28	0.23	0.55	0.00	-0.2%
NC_476	20	4444	0.31	0.31	0.06	0.33	0.23	0.34	0.30	0.30	0.21	0.21	0.20	0.34	0.01	1.5%
NC_477	20	4435	0.41	0.41	0.08	0.43	0.38	0.43	0.43	0.36	0.23	0.24	0.22	0.43	0.00	0.2%
NC_478	15	4412	0.96	0.95	0.10	0.95	0.86	0.90	0.96	0.73	0.46	0.50	0.45	0.96	0.01	1.5%
NC_479	15	4410	1.53	1.54	0.14	1.56	1.35	1.37	1.53	1.17	0.75	0.80	0.74	1.53	-0.03	-2.1%
NC_480	15	4410	0.91	0.91	0.08	0.91	0.91	0.82	0.90	0.63	0.39	0.47	0.38	0.91	0.00	-0.2%
NC_481	60	4565	0.49	0.48	0.09	0.50	0.22	0.33	0.38	0.50	0.44	0.38	0.37	0.50	0.00	-0.4%
NC_482	15	4412	1.04	1.03	0.11	1.04	0.96	0.98	1.05	0.80	0.50	0.55	0.50	1.05	0.01	1.1%
NC_483	90	4597	15.57	15.70	1.83	16.03	9.30	11.04	14.40	16.27	16.54	15.97	14.99	16.54	0.51	3.2%
NC_484	90	4594	2.95	2.98	0.23	3.03	1.54	1.89	2.70	2.98	3.03	3.06	2.81	3.06	0.03	0.9%
NC_485	60	4569	3.65	3.74	0.39	3.78	2.60	2.90	3.58	3.80	3.51	2.96	2.72	3.80	0.02	0.4%
NC_486	20	4435	0.58	0.58	0.10	0.59	0.55	0.59	0.60	0.48	0.30	0.33	0.30	0.60	0.01	1.7%
NC_487	15	4410	0.69	0.70	0.06	0.70	0.72	0.63	0.66	0.46	0.28	0.34	0.26	0.72	0.02	2.3%
NC_488	180	4659	3.72	3.78	0.31	3.84	0.93	1.29	2.33	2.69	3.18	3.49	3.84	3.84	0.00	0.0%
NC_489	20	4435	0.64	0.64	0.11	0.65	0.60	0.65	0.66	0.53	0.34	0.36	0.33	0.66	0.01	0.9%
NC_490	15	4409	0.67	0.68	0.06	0.68	0.68	0.60	0.66	0.45	0.28	0.34	0.27	0.68	0.00	-0.3%
NC_491	15	4409	0.69	0.71	0.06	0.72	0.72	0.63	0.68	0.47	0.29	0.35	0.27	0.72	-0.01	-0.7%
NC_492	90	4594	16.01	16.29	2.07	17.06	8.42	10.08	14.79	16.28	17.06	15.67	14.76	17.06	0.00	0.0%
NC_493	20	4434	0.87	0.86	0.13	0.86	0.75	0.85	0.88	0.72	0.46	0.47	0.46	0.88	0.02	1.9%
NC_494	15	4410	0.93	0.92	0.10	0.92	0.83	0.88	0.94	0.72	0.46	0.49	0.45	0.94	0.02	2.0%
NC_495	20	4435	0.38	0.38	0.07	0.41	0.32	0.41	0.39	0.34	0.23	0.24	0.22	0.41	0.00	-1.2%
NC_496	15	4409	0.49	0.49	0.05	0.49	0.49	0.48	0.50	0.37	0.23	0.27	0.22	0.50	0.01	2.4%
NC_497	60	4565	0.48	0.47	0.09	0.49	0.20	0.30	0.37	0.49	0.43	0.37	0.36	0.49	0.00	-0.8%
NC_498	15	4412	0.59	0.58	0.07	0.58	0.58	0.59	0.61	0.48	0.30	0.33	0.30	0.61	0.03	5.9%
NC_499	180	4659	33.64	34.80	3.05	34.90	14.92	17.58	25.71	27.82	30.32	31.00	34.90	34.90	0.00	0.0%
NC_500	60	4565	1.13	1.14	0.22	1.17	0.67	0.87	1.05	1.17	0.90	0.80	0.83	1.17	0.00	-0.2%
NC_501	15	4410	1.52	1.53	0.14	1.56	1.32	1.40	1.52	1.20	0.77	0.80	0.76	1.52	-0.04	-2.4%
NC_502	180	4659	106.02	106.44	7.19	108.24	38.79	48.41	77.49	87.85	97.26	102.61	108.24	108.24	0.00	0.0%
NC_503	10	4376	1.20	1.21	0.06	1.22	1.13	1.02	1.15	0.83	0.51	0.59	0.49	1.15	-0.07	-5.6%
NC_504	45	4536	0.84	0.81	0.13	0.82	0.54	0.72	0.82	0.85	0.64	0.58	0.60	0.85	0.03	3.2%
NC_505	20	4435	0.66	0.65	0.10	0.67	0.52	0.67	0.65	0.63	0.45	0.43	0.43	0.67	0.00	0.4%
NC_506	60	4565	2.93	2.98	0.12	2.98	1.56	1.91	2.70	2.98	3.02	2.95	2.70	3.02	0.04	1.4%
NC_507	10	4376	2.32	2.34	0.08	2.35	2.09	2.04	2.31	1.73	1.10	1.20	1.09	2.31	-0.04	-1.9%
NC_508	45	4478	0.54	0.52	0.08	0.54	0.40	0.50	0.54	0.54	0.41	0.36	0.38	0.54	0.00	0.2%
NC_509	60	4565	0.51	0.51	0.10	0.52	0.26	0.39	0.44	0.52	0.42	0.37	0.38	0.52	0.00	-0.2%
NC_510	15	4410	1.50	1.50	0.14	1.52	1.30	1.37	1.50	1.17	0.75	0.79	0.74	1.50	-0.02	-1.3%
NC_511	15	4412	0.92	0.90	0.10	0.91	0.82	0.87	0.93	0.71	0.45	0.49	0.45	0.93	0.02	1.8%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_512	15	4412	0.61	0.60	0.07	0.60	0.60	0.61	0.63	0.49	0.30	0.34	0.30	0.63	0.03	5.0%
NC_513	15	4410	1.34	1.35	0.12	1.36	1.21	1.20	1.34	1.00	0.64	0.70	0.63	1.34	-0.02	-1.4%
NC_514	15	4409	0.81	0.82	0.07	0.82	0.82	0.73	0.79	0.55	0.34	0.41	0.33	0.82	0.00	0.4%
NC_515	60	4565	0.77	0.77	0.15	0.80	0.36	0.54	0.65	0.80	0.65	0.57	0.58	0.80	0.00	-0.4%
NC_516	15	4410	1.46	1.48	0.12	1.51	1.30	1.29	1.46	1.10	0.71	0.76	0.70	1.46	-0.05	-3.5%
NC_517	60	4565	0.31	0.31	0.06	0.31	0.18	0.27	0.28	0.31	0.26	0.23	0.24	0.31	0.00	0.6%
NC_518	15	4411	1.90	1.92	0.15	1.96	1.66	1.67	1.92	1.49	0.96	1.01	0.96	1.92	-0.04	-2.1%
NC_519	180	4659	106.01	106.44	7.23	108.25	38.85	48.47	77.57	87.95	97.33	102.64	108.25	108.25	0.00	0.0%
NC_520	180	4659	33.66	34.82	3.03	34.94	14.91	17.59	25.70	27.85	30.32	31.00	34.94	34.94	0.00	0.0%
NC_521	60	4565	0.25	0.25	0.05	0.25	0.15	0.22	0.23	0.25	0.20	0.18	0.18	0.25	0.00	-1.2%
NC_522	15	4410	1.30	1.28	0.13	1.28	1.15	1.23	1.31	1.03	0.65	0.69	0.64	1.31	0.03	2.4%
NC_523	10	4376	1.09	1.10	0.06	1.11	0.99	0.99	1.08	0.80	0.50	0.56	0.49	1.08	-0.03	-2.3%
NC_524	90	4594	16.00	16.26	2.05	17.04	8.32	10.00	14.75	16.27	17.04	15.74	14.86	17.04	0.00	0.0%
NC_525	60	4565	0.68	0.68	0.11	0.71	0.41	0.53	0.61	0.71	0.56	0.50	0.50	0.71	0.00	0.3%
NC_526	30	4513	12.38	12.33	1.08	12.39	10.41	10.87	12.81	12.81	12.29	10.73	9.94	12.81	0.42	3.4%
NC_527	60	4565	0.81	0.82	0.11	0.84	0.40	0.53	0.71	0.84	0.74	0.65	0.60	0.84	-0.01	-0.6%
NC_528	60	4569	1.38	1.42	0.15	1.43	0.57	0.78	1.27	1.42	1.43	1.21	1.11	1.43	0.00	-0.3%
NC_529	60	4565	1.44	1.47	0.12	1.49	0.57	0.78	1.31	1.49	1.52	1.30	1.20	1.52	0.03	2.1%
NC_530	15	4409	0.56	0.55	0.06	0.55	0.55	0.55	0.58	0.44	0.27	0.31	0.27	0.58	0.03	4.7%
NC_531	20	4435	0.48	0.48	0.08	0.49	0.46	0.49	0.50	0.39	0.25	0.27	0.24	0.50	0.01	1.0%
NC_532	180	4659	106.03	106.46	7.28	108.27	38.94	48.57	77.72	88.09	97.44	102.70	108.27	108.27	0.00	0.0%
NC_533	15	4409	0.54	0.54	0.05	0.55	0.55	0.50	0.54	0.38	0.23	0.28	0.23	0.55	-0.01	-0.9%
NC_534	60	4565	1.22	1.23	0.17	1.24	0.57	0.77	1.05	1.24	1.14	0.99	0.92	1.24	0.00	0.2%
NC_535	180	4659	105.96	106.43	7.37	108.24	39.00	48.64	77.81	88.19	97.51	102.73	108.24	108.24	0.00	0.0%
NC_536	60	4568	1.30	1.33	0.15	1.34	0.57	0.78	1.17	1.32	1.29	1.10	1.00	1.32	-0.02	-1.4%
NC_537	15	4409	0.57	0.58	0.05	0.58	0.58	0.51	0.56	0.38	0.24	0.29	0.23	0.58	0.00	-0.2%
NC_538	15	4413	2.06	2.09	0.17	2.12	1.78	1.85	2.08	1.66	1.07	1.10	1.06	2.08	-0.04	-1.9%
NC_539	90	4594	15.96	16.21	2.02	16.97	8.22	9.92	14.69	16.23	16.97	15.78	14.95	16.97	0.00	0.0%
NC_540	15	4409	0.52	0.52	0.05	0.52	0.52	0.49	0.53	0.38	0.23	0.28	0.23	0.53	0.01	1.0%
NC_541	60	4568	2.92	2.97	0.14	2.98	1.59	1.94	2.70	2.96	3.01	2.76	2.55	3.01	0.03	1.1%
NC_542	15	4409	0.52	0.51	0.05	0.52	0.52	0.49	0.52	0.38	0.23	0.28	0.23	0.52	0.00	0.4%
NC_543	15	4411	2.43	2.46	0.16	2.47	2.15	2.11	2.48	1.96	1.26	1.30	1.26	2.48	0.00	0.2%
NC_544	45	4536	0.37	0.35	0.06	0.36	0.27	0.39	0.36	0.37	0.28	0.27	0.26	0.39	0.03	9.2%
NC_545	45	4536	0.59	0.57	0.08	0.59	0.44	0.58	0.59	0.59	0.46	0.42	0.43	0.59	0.00	0.7%
NC_546	60	4565	0.34	0.33	0.07	0.34	0.20	0.30	0.31	0.34	0.28	0.25	0.25	0.34	-0.01	-1.5%
NC_547	45	4536	0.26	0.24	0.04	0.24	0.16	0.25	0.24	0.26	0.20	0.18	0.19	0.26	0.02	7.1%
NC_548	15	4410	0.58	0.59	0.05	0.59	0.51	0.52	0.58	0.43	0.27	0.30	0.27	0.58	-0.01	-1.2%
NC_549	20	4435	0.40	0.41	0.08	0.42	0.37	0.42	0.42	0.34	0.22	0.24	0.22	0.42	0.00	0.0%
NC_550	45	4536	0.56	0.54	0.09	0.56	0.40	0.56	0.56	0.56	0.42	0.39	0.40	0.56	0.00	0.2%
NC_551	60	4565	0.86	0.86	0.17	0.87	0.54	0.71	0.81	0.87	0.68	0.60	0.63	0.87	0.00	-0.1%
NC_552	20	4435	0.85	0.84	0.14	0.85	0.71	0.85	0.86	0.74	0.49	0.48	0.48	0.86	0.01	0.6%
NC_553	20	4435	0.76	0.75	0.10	0.75	0.63	0.75	0.76	0.70	0.47	0.45	0.46	0.76	0.01	1.9%
NC_554	60	4565	0.27	0.26	0.05	0.26	0.16	0.24	0.24	0.26	0.21	0.19	0.20	0.26	0.00	1.5%
NC_555	15	4411	4.24	4.29	0.33	4.37	3.68	3.78	4.32	3.40	2.20	2.27	2.18	4.32	-0.05	-1.2%
NC_556	45	4536	0.29	0.27	0.05	0.28	0.21	0.31	0.28	0.29	0.21	0.21	0.20	0.31	0.03	9.6%
NC_557	20	4435	0.51	0.51	0.09	0.52	0.48	0.52	0.53	0.42	0.27	0.29	0.26	0.53	0.01	1.3%
NC_558	90	4594	16.17	16.37	1.98	17.10	8.21	9.93	14.86	16.45	17.10	16.28	15.54	17.10	0.00	0.0%
NC_559	15	4411	4.59	4.62	0.31	4.63	4.05	3.97	4.73	3.70	2.41	2.49	2.40	4.73	0.10	2.1%
NC_560	180	4659	3.95	4.02	0.28	4.05	1.04	1.35	2.38	2.75	3.26	3.66	4.05	4.05	0.00	0.0%
NC_561	15	4412	5.35	5.40	0.31	5.45	4.82	4.56	5.59	4.37	2.85	2.92	2.83	5.59	0.14	2.5%
NC_562	15	4410	0.95	0.96	0.09	0.96	0.95	0.87	0.95	0.68	0.42	0.50	0.41	0.95	-0.01	-0.9%
NC_563	15	4412	0.64	0.62	0.07	0.62	0.62	0.64	0.66	0.52	0.33	0.35	0.32	0.66	0.04	6.5%
NC_564	20	4435	0.76	0.74	0.10	0.75	0.63	0.75	0.75	0.67	0.44	0.43	0.43	0.75	0.00	-0.3%
NC_565	15	4409	0.54	0.54	0.05	0.55	0.55	0.50	0.54	0.38	0.23	0.28	0.23	0.55	0.00	-0.7%
NC_566	15	4409	0.59	0.59	0.06	0.59	0.59	0.55	0.59	0.43	0.26	0.31	0.26	0.59	0.00	0.7%
NC_567	15	4409	0.49	0.49	0.05	0.49	0.49	0.48	0.50	0.37	0.23	0.27	0.22	0.50	0.01	2.9%
NC_568	20	4435	0.32	0.32	0.06	0.35	0.24	0.35	0.32	0.31	0.21	0.22	0.20	0.35	0.00	-0.6%
NC_569	20	4436	0.40	0.38	0.05	0.38	0.32	0.38	0.41	0.34	0.23	0.22	0.22	0.41	0.03	7.1%
NC_570	20	4435	0.35	0.34	0.07	0.38	0.27	0.38	0.35	0.33	0.22	0.23	0.22	0.38	-0.01	-1.3%
NC_571	180	4659	34.68	35.57	2.71	35.82	15.20	18.56	27.00	29.03	31.43	31.45	35.82	35.82	0.00	0.0%
NC_572	20	4435	0.55	0.54	0.08	0.56	0.43	0.56	0.55	0.55	0.40	0.38	0.38	0.56	0.00	-0.2%
NC_573	15	4415	5.96	5.98	0.22	6.01	5.65	4.98	6.34	5.06	3.29	3.28	3.28	6.34	0.33	5.5%
NC_574	180	4659	56.11	57.00	6.37	57.10	24.61	30.32	46.09	51.18	53.75	54.75	57.10	57.10	0.00	0.0%
NC_575	60	4565	6.86	6.92	1.13	7.12	4.03	4.99	6.20	7.12	5.90	5.17	5.15	7.12	0.00	0.0%
NC_576	20	4435	0.43	0.44	0.08	0.45	0.40	0.45	0.45	0.36	0.23	0.25	0.23	0.45	0.00	-0.4%
NC_577	180	4659	15.59	15.44	2.54	15.57	8.93	10.61	14.55	16.06	16.25	16.33	15.57	16.33	0.76	4.9%
NC_578	20	4444	0.32	0.31	0.06	0.34	0.23	0.34	0.31	0.31	0.21	0.21	0.20	0.34	0.00	0.9%
NC_579	45	4536	0.54	0.51	0.08	0.52	0.36	0.51	0.52	0.54	0.41	0.38	0.39	0.54	0.02	2.9%
NC_580	15	4409	0.61	0.63	0.05	0.63	0.63	0.55	0.60	0.41	0.26	0.31	0.24	0.63	0.00	-0.2%
NC_581	30	4509	9.51	9.60	0.84	9.80	8.60	8.29	10.14	9.02	5.82	5.44	5.61	10.14	0.34	3.4%
NC_582	45	4539	0.25	0.24	0.04	0.24	0.15	0.23	0.23	0.25	0.20	0.18	0.18	0.25	0.01	3.3%
NC_583	20	4435	0.55	0.56	0.10	0.57	0.52	0.57	0.57	0.47	0.30	0.32	0.30	0.57	0.00	0.2%
NC_584	20	4435	0.43	0.44	0.08	0.45	0.41	0.45	0.45	0.36	0.23	0.25	0.23	0.45	0.00	0.2%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_585	90	4594	16.12	16.32	1.95	17.04	8.11	9.84	14.80	16.38	17.04	16.34	15.62	17.04	0.00	0.0%
NC_586	20	4440	6.63	6.68	0.45	6.70	6.31	5.70	7.01	5.74	3.69	3.63	3.68	7.01	0.31	4.7%
NC_587	180	4658	22.75	22.50	3.14	22.68	11.73	14.30	21.42	23.57	23.48	23.30	22.31	23.57	0.89	3.9%
NC_588	10	4376	1.53	1.55	0.08	1.56	1.40	1.39	1.52	1.14	0.72	0.79	0.71	1.52	-0.04	-2.6%
NC_589	45	4536	0.58	0.55	0.09	0.57	0.41	0.57	0.58	0.57	0.43	0.40	0.41	0.58	0.01	0.9%
NC_590	20	4436	1.90	1.88	0.19	1.89	1.64	1.86	1.94	1.77	1.16	1.11	1.13	1.94	0.05	2.8%
NC_591	30	4509	9.66	9.77	0.63	9.91	8.17	8.30	10.06	9.46	6.21	5.64	5.85	10.06	0.15	1.6%
NC_592	20	4435	0.55	0.55	0.10	0.56	0.52	0.56	0.57	0.46	0.29	0.31	0.29	0.57	0.01	1.4%
NC_593	180	4659	56.14	57.03	6.35	57.16	24.59	30.30	46.07	51.16	53.75	54.80	57.16	57.16	0.00	0.0%
NC_594	45	4536	0.26	0.25	0.04	0.25	0.18	0.27	0.25	0.27	0.20	0.19	0.19	0.27	0.02	6.0%
NC_595	60	4565	6.48	6.53	1.09	6.72	3.87	4.77	5.87	6.72	5.52	4.85	4.86	6.72	0.00	0.0%
NC_596	20	4435	0.90	0.88	0.14	0.90	0.74	0.90	0.91	0.79	0.53	0.51	0.51	0.91	0.01	1.3%
NC_597	15	4410	0.60	0.61	0.05	0.61	0.63	0.56	0.58	0.40	0.25	0.30	0.23	0.63	0.02	3.4%
NC_598	180	4659	101.08	101.94	8.39	103.61	38.64	47.94	76.28	86.28	94.87	99.27	103.61	103.61	0.00	0.0%
NC_599	10	4376	1.05	1.07	0.05	1.07	0.96	0.97	1.05	0.78	0.49	0.55	0.48	1.05	-0.02	-1.8%
NC_600	20	4440	7.37	7.41	0.43	7.44	6.95	6.46	7.75	6.51	4.15	4.01	4.12	7.75	0.31	4.2%
NC_601	180	4659	56.17	57.06	6.33	57.20	24.57	30.27	46.06	51.14	53.74	54.84	57.20	57.20	0.00	0.0%
NC_602	20	4435	1.35	1.31	0.20	1.33	1.07	1.33	1.36	1.21	0.83	0.78	0.81	1.36	0.03	2.0%
NC_603	180	4663	60.77	61.35	6.10	61.50	26.05	30.84	48.34	53.71	58.27	60.58	61.20	61.20	-0.30	-0.5%
NC_604	180	4659	76.21	76.56	8.74	76.87	34.26	41.23	62.01	69.73	74.03	77.06	76.87	77.06	0.19	0.2%
NC_605	180	4659	104.80	105.69	8.48	107.44	39.45	49.11	78.41	88.77	97.86	102.63	107.44	107.44	0.00	0.0%
NC_606	180	4663	60.80	61.41	6.08	61.48	25.65	30.80	48.26	53.63	58.20	60.55	61.34	61.34	-0.14	-0.2%
NC_607	180	4663	60.78	61.34	6.11	61.53	26.32	30.93	48.40	53.77	58.34	60.63	61.15	61.15	-0.38	-0.6%
NC_608	20	4434	8.21	8.25	0.56	8.30	7.72	6.98	8.73	7.18	4.62	4.57	4.55	8.73	0.43	5.2%
NC_609	30	4509	7.29	7.39	0.57	7.49	6.45	6.41	7.66	7.00	4.50	4.13	4.32	7.66	0.17	2.3%
NC_610	180	4659	76.31	76.74	8.67	77.13	34.12	41.13	61.98	69.66	74.05	77.09	77.13	77.13	0.00	0.0%
NC_611	15	4410	0.87	0.87	0.09	0.87	0.86	0.81	0.87	0.64	0.39	0.46	0.39	0.87	0.00	0.5%
NC_612	20	4436	1.71	1.67	0.21	1.68	1.42	1.61	1.77	1.52	1.05	0.97	1.02	1.77	0.09	5.4%
NC_613	20	4434	0.98	0.97	0.15	0.97	0.83	0.96	0.99	0.83	0.54	0.53	0.53	0.99	0.02	2.1%
NC_614	60	4565	1.04	1.05	0.20	1.06	0.65	0.84	0.99	1.06	0.82	0.73	0.76	1.06	0.00	0.0%
NC_615	20	4435	0.34	0.34	0.06	0.37	0.25	0.37	0.34	0.33	0.22	0.22	0.22	0.37	0.00	-0.8%
NC_616	180	4663	58.01	58.77	6.27	58.90	24.83	30.58	47.09	52.35	55.46	57.08	58.64	58.64	-0.26	-0.4%
NC_617	20	4435	0.53	0.53	0.10	0.55	0.48	0.55	0.54	0.46	0.30	0.31	0.29	0.55	0.00	-0.7%
NC_618	15	4409	0.49	0.48	0.05	0.48	0.48	0.47	0.50	0.37	0.23	0.27	0.22	0.50	0.02	3.5%
NC_619	180	4659	76.16	76.55	8.71	76.89	34.09	41.09	61.94	69.63	73.98	76.95	76.89	76.95	0.06	0.1%
NC_620	180	4659	100.97	101.87	8.50	103.54	38.67	47.97	76.32	86.32	94.89	99.25	103.54	103.54	0.00	0.0%
NC_621	180	4659	104.90	105.74	8.36	107.49	39.39	49.04	78.33	88.68	97.80	102.61	107.49	107.49	0.00	0.0%
NC_622	60	4565	0.44	0.44	0.08	0.46	0.23	0.33	0.37	0.46	0.38	0.33	0.34	0.46	0.00	-0.9%
NC_623	180	4659	58.85	59.53	6.04	59.54	24.78	30.52	47.23	52.52	55.96	58.32	59.54	59.54	0.00	0.0%
NC_624	15	4409	0.60	0.61	0.06	0.61	0.61	0.55	0.60	0.42	0.26	0.31	0.25	0.61	0.00	-0.3%
NC_625	30	4509	1.86	1.87	0.17	1.88	1.61	1.66	1.95	1.86	1.28	1.17	1.22	1.95	0.07	3.5%
NC_626	180	4658	22.74	22.47	3.17	22.70	11.83	14.41	21.53	23.67	23.52	23.27	22.24	23.67	0.97	4.3%
NC_627	45	4536	0.27	0.25	0.04	0.26	0.18	0.27	0.26	0.27	0.21	0.20	0.20	0.27	0.01	5.0%
NC_628	45	4536	0.27	0.25	0.05	0.26	0.19	0.28	0.26	0.27	0.20	0.19	0.19	0.28	0.02	8.1%
NC_629	180	4663	58.31	59.04	6.19	59.15	24.83	30.57	47.15	52.43	55.63	57.49	58.92	58.92	-0.23	-0.4%
NC_630	60	4565	0.84	0.84	0.16	0.86	0.47	0.66	0.76	0.86	0.68	0.60	0.62	0.86	0.00	-0.5%
NC_631	15	4410	0.61	0.61	0.05	0.62	0.64	0.56	0.58	0.40	0.25	0.30	0.23	0.64	0.02	3.2%
NC_632	15	4409	0.50	0.50	0.05	0.50	0.50	0.49	0.51	0.38	0.23	0.27	0.23	0.51	0.01	2.8%
NC_633	15	4409	0.54	0.54	0.05	0.54	0.54	0.50	0.54	0.39	0.24	0.29	0.23	0.54	0.00	0.4%
NC_634	30	4509	10.14	10.26	0.55	10.38	8.08	8.57	10.45	10.27	6.99	6.40	6.45	10.45	0.07	0.7%
NC_635	45	4478	13.94	13.73	0.80	13.79	10.22	11.35	14.10	14.81	13.65	11.79	11.32	14.81	1.02	7.4%
NC_636	20	4435	0.40	0.40	0.08	0.42	0.36	0.42	0.41	0.35	0.22	0.24	0.22	0.42	0.00	0.0%
NC_637	180	4659	16.72	16.49	2.35	16.51	7.98	9.75	14.87	16.51	17.14	17.07	16.51	17.14	0.63	3.8%
NC_638	15	4412	1.08	1.07	0.11	1.07	0.99	1.01	1.08	0.84	0.54	0.57	0.53	1.08	0.01	1.2%
NC_639	60	4565	5.27	5.31	0.89	5.48	3.17	3.87	4.76	5.48	4.47	3.93	3.95	5.48	0.00	-0.1%
NC_640	60	4565	0.42	0.41	0.08	0.43	0.19	0.28	0.33	0.43	0.37	0.32	0.32	0.43	0.00	0.0%
NC_641	15	4411	0.58	0.60	0.05	0.60	0.61	0.53	0.57	0.39	0.24	0.30	0.23	0.61	0.01	1.0%
NC_642	45	4538	8.46	8.42	0.19	8.42	4.97	6.06	8.70	9.10	7.77	7.08	6.53	9.10	0.68	8.1%
NC_643	15	4409	0.57	0.58	0.05	0.58	0.58	0.51	0.56	0.39	0.24	0.29	0.23	0.58	0.00	0.5%
NC_644	20	4440	8.13	8.16	0.74	8.36	7.34	7.17	8.66	7.16	4.81	4.57	4.74	8.66	0.30	3.6%
NC_645	20	4435	0.43	0.43	0.08	0.45	0.38	0.45	0.44	0.38	0.25	0.26	0.24	0.45	0.00	0.2%
NC_646	45	4539	0.25	0.24	0.04	0.24	0.15	0.23	0.23	0.25	0.20	0.18	0.18	0.25	0.01	3.3%
NC_647	15	4409	0.55	0.55	0.06	0.55	0.55	0.51	0.55	0.39	0.24	0.29	0.24	0.55	0.00	0.5%
NC_648	20	4436	1.81	1.81	0.16	1.85	1.58	1.69	1.92	1.70	1.16	1.06	1.12	1.92	0.07	3.6%
NC_649	20	4436	1.19	1.17	0.13	1.18	1.01	1.17	1.22	1.12	0.75	0.71	0.74	1.22	0.04	3.4%
NC_650	180	4663	58.36	59.09	6.15	59.16	24.79	30.53	47.12	52.39	55.64	57.60	59.01	59.01	-0.15	-0.2%
NC_651	15	4412	0.71	0.70	0.08	0.70	0.69	0.69	0.73	0.55	0.34	0.39	0.34	0.73	0.03	3.6%
NC_652	180	4659	99.47	100.53	9.41	102.00	38.64	47.92	76.17	86.12	94.57	98.59	102.00	102.00	0.00	0.0%
NC_653	20	4435	0.80	0.79	0.13	0.81	0.67	0.81	0.81	0.70	0.46	0.46	0.45	0.81	0.00	-0.5%
NC_654	20	4435	0.85	0.82	0.13	0.85	0.67	0.85	0.85	0.75	0.51	0.49	0.50	0.85	0.00	0.2%
NC_655	45	4536	0.80	0.77	0.13	0.79	0.55	0.71	0.79	0.80	0.61	0.54	0.57	0.80	0.01	0.6%
NC_656	20	4440	6.97	6.99	0.67	7.19	6.22	6.20	7.44	6.15	4.15	3.94	4.09	7.44	0.25	3.4%
NC_657	180	4663	58.78	59.46	6.08	59.49	24.81	30.56	47.26	52.55	55.96	58.19	59.43	59.43	-0.07	-0.1%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_658	180	4659	86.10	86.87	9.59	87.44	38.90	46.85	68.85	77.40	84.32	87.43	87.44	87.44	0.00	0.0%
NC_659	20	4435	0.75	0.73	0.12	0.76	0.58	0.76	0.75	0.68	0.46	0.45	0.45	0.76	0.00	-0.3%
NC_660	180	4663	58.39	59.11	6.14	59.16	24.78	30.51	47.10	52.38	55.64	57.66	59.06	59.06	-0.10	-0.2%
NC_661	20	4435	0.96	0.94	0.13	0.94	0.80	0.94	0.97	0.82	0.51	0.52	0.51	0.97	0.03	3.3%
NC_662	60	4565	0.61	0.60	0.12	0.61	0.38	0.53	0.57	0.61	0.49	0.43	0.45	0.61	0.00	-0.3%
NC_663	20	4435	0.39	0.39	0.08	0.41	0.35	0.41	0.41	0.34	0.22	0.24	0.22	0.41	0.00	0.7%
NC_664	20	4436	1.19	1.15	0.16	1.16	0.97	1.14	1.22	1.07	0.73	0.68	0.72	1.22	0.06	5.4%
NC_665	45	4536	0.55	0.53	0.09	0.56	0.40	0.55	0.56	0.55	0.41	0.38	0.39	0.56	-0.01	-0.9%
NC_666	180	4659	99.48	100.55	9.45	102.01	38.70	47.98	76.26	86.21	94.65	98.65	102.01	102.01	0.00	0.0%
NC_667	45	4536	0.34	0.32	0.06	0.32	0.23	0.35	0.32	0.34	0.26	0.25	0.24	0.35	0.03	9.1%
NC_668	45	4536	0.28	0.26	0.05	0.27	0.19	0.28	0.27	0.28	0.22	0.20	0.20	0.28	0.01	4.8%
NC_669	20	4435	0.45	0.45	0.08	0.46	0.43	0.46	0.47	0.37	0.24	0.26	0.23	0.47	0.01	1.3%
NC_670	15	4409	0.55	0.55	0.06	0.55	0.55	0.53	0.56	0.41	0.25	0.30	0.25	0.56	0.01	2.5%
NC_671	45	4536	0.33	0.31	0.06	0.32	0.23	0.35	0.32	0.33	0.25	0.24	0.23	0.35	0.03	7.8%
NC_672	20	4435	1.03	0.99	0.14	0.99	0.83	0.99	1.04	0.92	0.63	0.59	0.61	1.04	0.05	5.1%
NC_673	15	4409	0.62	0.62	0.06	0.62	0.62	0.57	0.62	0.44	0.27	0.33	0.27	0.62	0.00	0.0%
NC_674	20	4435	0.40	0.40	0.08	0.42	0.36	0.42	0.41	0.34	0.22	0.24	0.22	0.42	0.00	-0.5%
NC_675	20	4436	1.42	1.38	0.16	1.42	1.18	1.32	1.49	1.31	0.92	0.83	0.89	1.49	0.07	5.2%
NC_676	20	4435	0.93	0.91	0.12	0.91	0.74	0.91	0.97	0.89	0.63	0.58	0.61	0.97	0.06	6.5%
NC_677	15	4410	0.61	0.60	0.06	0.60	0.60	0.59	0.62	0.46	0.29	0.33	0.28	0.62	0.02	3.0%
NC_678	45	4478	1.47	1.42	0.17	1.45	1.15	1.33	1.48	1.52	1.11	1.00	1.03	1.52	0.07	4.6%
NC_679	20	4436	2.28	2.24	0.26	2.29	1.91	2.12	2.43	2.10	1.47	1.34	1.43	2.43	0.14	5.9%
NC_680	20	4444	0.31	0.31	0.06	0.34	0.23	0.34	0.30	0.31	0.21	0.22	0.20	0.34	0.00	-0.3%
NC_681	15	4412	4.93	4.97	0.31	4.97	4.38	4.38	5.25	4.29	2.89	2.78	2.85	5.25	0.28	5.6%
NC_682	20	4435	0.75	0.74	0.11	0.76	0.57	0.76	0.77	0.74	0.54	0.50	0.51	0.77	0.01	1.2%
NC_683	45	4539	0.26	0.24	0.04	0.25	0.16	0.24	0.24	0.26	0.20	0.19	0.19	0.26	0.01	2.8%
NC_684	20	4435	0.76	0.74	0.12	0.76	0.63	0.76	0.76	0.67	0.44	0.44	0.43	0.76	0.00	0.5%
NC_685	20	4435	0.31	0.31	0.05	0.32	0.23	0.32	0.30	0.30	0.21	0.21	0.20	0.32	0.00	1.3%
NC_686	45	4542	8.13	8.06	0.25	8.06	5.04	6.14	8.25	8.63	7.14	6.51	6.06	8.63	0.57	7.0%
NC_687	30	4509	2.86	2.85	0.37	2.87	2.50	2.56	3.11	2.85	2.01	1.80	1.93	3.11	0.24	8.3%
NC_688	20	4435	1.08	1.06	0.18	1.08	0.92	1.08	1.11	0.94	0.63	0.62	0.61	1.11	0.03	2.4%
NC_689	20	4435	0.46	0.46	0.08	0.47	0.44	0.47	0.47	0.38	0.24	0.26	0.23	0.47	0.00	0.9%
NC_690	45	4539	1.29	1.23	0.13	1.24	0.93	1.17	1.21	1.35	0.97	0.93	0.90	1.35	0.11	9.0%
NC_691	45	4536	0.34	0.31	0.05	0.32	0.23	0.34	0.32	0.34	0.25	0.24	0.24	0.34	0.02	6.6%
NC_692	20	4436	0.95	0.95	0.08	0.96	0.83	0.91	0.99	0.88	0.57	0.53	0.56	0.99	0.03	2.9%
NC_693	45	4541	1.77	1.72	0.18	1.73	1.36	1.58	1.71	1.85	1.37	1.28	1.25	1.85	0.12	6.9%
NC_694	45	4536	0.42	0.40	0.07	0.41	0.29	0.42	0.41	0.42	0.31	0.29	0.30	0.42	0.01	2.7%
NC_695	20	4436	1.06	1.05	0.11	1.05	0.90	1.04	1.08	0.99	0.67	0.64	0.65	1.08	0.03	2.5%
NC_696	180	4659	86.37	87.21	9.54	87.85	38.87	46.86	68.96	77.49	84.48	87.64	87.85	87.85	0.00	0.0%
NC_697	20	4435	0.77	0.74	0.11	0.75	0.63	0.75	0.76	0.67	0.44	0.43	0.43	0.76	0.01	1.2%
NC_698	60	4565	0.28	0.28	0.06	0.28	0.17	0.26	0.26	0.28	0.23	0.20	0.21	0.28	0.00	0.7%
NC_699	15	4409	0.53	0.53	0.05	0.53	0.53	0.50	0.53	0.38	0.23	0.28	0.23	0.53	0.00	0.8%
NC_700	180	4659	99.20	100.38	9.76	101.84	38.77	48.05	76.36	86.31	94.71	98.63	101.84	101.84	0.00	0.0%
NC_701	30	4509	7.92	7.93	0.96	8.07	7.13	6.94	8.62	7.69	5.29	4.72	5.09	8.62	0.55	6.9%
NC_702	15	4409	0.48	0.48	0.05	0.48	0.48	0.47	0.50	0.37	0.23	0.26	0.22	0.50	0.02	3.1%
NC_703	15	4409	0.51	0.50	0.05	0.51	0.51	0.49	0.52	0.38	0.23	0.27	0.23	0.52	0.01	1.2%
NC_704	45	4539	0.28	0.26	0.04	0.26	0.18	0.27	0.26	0.28	0.22	0.20	0.20	0.28	0.02	7.7%
NC_705	45	4539	0.35	0.33	0.05	0.33	0.22	0.33	0.32	0.35	0.28	0.25	0.25	0.35	0.02	5.2%
NC_706	15	4412	2.91	2.94	0.19	2.94	2.59	2.50	3.05	2.40	1.62	1.62	1.60	3.05	0.11	3.6%
NC_707	20	4434	0.91	0.90	0.14	0.90	0.79	0.90	0.92	0.77	0.50	0.50	0.49	0.92	0.02	2.2%
NC_708	20	4440	7.77	7.78	0.55	7.87	6.98	6.84	8.43	7.42	5.10	4.55	4.93	8.43	0.56	7.1%
NC_709	45	4542	5.81	5.70	0.35	5.75	4.22	4.78	5.97	6.20	4.55	4.22	4.06	6.20	0.45	7.8%
NC_710	45	4536	2.19	2.13	0.23	2.14	1.58	1.84	2.14	2.30	1.73	1.56	1.55	2.30	0.16	7.6%
NC_711	20	4444	0.31	0.31	0.06	0.33	0.23	0.34	0.30	0.30	0.21	0.21	0.20	0.34	0.01	1.8%
NC_712	20	4435	0.41	0.42	0.08	0.43	0.39	0.43	0.43	0.35	0.22	0.24	0.22	0.43	0.00	-0.2%
NC_713	45	4536	0.60	0.58	0.10	0.61	0.44	0.60	0.61	0.60	0.45	0.41	0.42	0.61	-0.01	-0.8%
NC_714	180	4659	98.88	100.07	9.94	101.49	38.84	48.12	76.45	86.37	94.73	98.52	101.49	101.49	0.00	0.0%
NC_715	45	4536	0.88	0.85	0.14	0.88	0.62	0.79	0.88	0.88	0.67	0.60	0.63	0.88	0.00	-0.2%
NC_716	45	4536	0.36	0.33	0.06	0.34	0.24	0.36	0.34	0.36	0.28	0.26	0.26	0.36	0.02	5.9%
NC_717	20	4435	0.64	0.63	0.10	0.65	0.49	0.65	0.64	0.60	0.42	0.40	0.41	0.65	0.00	0.0%
NC_718	45	4536	0.96	0.92	0.15	0.94	0.63	0.88	0.94	0.97	0.74	0.67	0.70	0.97	0.03	2.9%
NC_719	60	4572	2.03	2.03	0.11	2.03	1.23	1.46	2.00	2.14	2.01	1.91	1.70	2.14	0.11	5.3%
NC_720	45	4536	1.64	1.59	0.25	1.62	1.14	1.41	1.62	1.65	1.26	1.12	1.18	1.65	0.03	1.7%
NC_721	20	4435	0.43	0.44	0.08	0.45	0.41	0.45	0.45	0.36	0.23	0.25	0.22	0.45	0.00	0.7%
NC_722	20	4435	0.73	0.70	0.12	0.74	0.59	0.74	0.71	0.66	0.45	0.44	0.44	0.74	0.00	-0.3%
NC_723	20	4435	0.64	0.63	0.09	0.64	0.54	0.64	0.65	0.59	0.41	0.40	0.40	0.65	0.01	0.9%
NC_724	20	4435	0.40	0.40	0.07	0.43	0.30	0.43	0.39	0.39	0.28	0.28	0.26	0.43	0.00	-0.2%
NC_725	30	4509	5.92	5.97	0.31	6.00	4.47	4.96	6.05	6.21	4.51	4.12	4.03	6.21	0.21	3.6%
NC_726	45	4536	0.26	0.24	0.04	0.24	0.16	0.25	0.24	0.26	0.20	0.18	0.18	0.26	0.02	7.1%
NC_727	20	4435	0.37	0.36	0.07	0.39	0.31	0.39	0.37	0.33	0.22	0.23	0.21	0.39	0.00	-0.5%
NC_728	20	4435	0.39	0.38	0.07	0.42	0.29	0.42	0.37	0.38	0.27	0.27	0.26	0.42	0.00	-1.0%
NC_729	20	4440	6.85	6.87	0.58	7.03	6.08	6.15	7.40	6.38	4.38	3.96	4.26	7.40	0.37	5.2%
NC_730	180	4659	87.51	88.16	9.82	88.82	39.11	47.19	69.60	78.21	85.28	88.48	88.82	88.82	0.00	0.0%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_731	20	4435	0.42	0.42	0.08	0.43	0.39	0.43	0.43	0.35	0.22	0.24	0.22	0.43	0.00	0.7%
NC_732	180	4659	98.29	99.44	10.20	100.83	38.95	48.22	76.55	86.45	94.72	98.33	100.83	100.83	0.00	0.0%
NC_733	20	4435	0.69	0.68	0.09	0.69	0.56	0.69	0.70	0.65	0.45	0.43	0.44	0.70	0.01	1.0%
NC_734	20	4435	0.41	0.41	0.08	0.42	0.37	0.42	0.42	0.35	0.22	0.24	0.22	0.42	0.00	1.0%
NC_735	15	4410	0.48	0.47	0.05	0.47	0.46	0.47	0.49	0.37	0.23	0.26	0.23	0.49	0.02	4.3%
NC_736	15	4412	1.11	1.10	0.11	1.10	1.08	1.04	1.11	0.83	0.51	0.59	0.50	1.11	0.01	1.3%
NC_737	15	4411	2.49	2.52	0.19	2.55	2.20	2.24	2.59	2.06	1.37	1.38	1.35	2.59	0.04	1.6%
NC_738	45	4539	0.25	0.24	0.04	0.24	0.16	0.24	0.24	0.25	0.20	0.18	0.18	0.25	0.01	5.4%
NC_739	15	4410	0.57	0.55	0.06	0.55	0.55	0.56	0.58	0.45	0.28	0.31	0.27	0.58	0.03	6.0%
NC_740	45	4540	5.10	5.05	0.18	5.09	2.99	3.65	5.01	5.39	4.65	4.13	3.79	5.39	0.30	6.0%
NC_741	180	4659	98.34	99.48	10.10	100.86	38.84	48.10	76.39	86.28	94.57	98.25	100.86	100.86	0.00	0.0%
NC_742	20	4434	1.28	1.25	0.17	1.27	1.09	1.21	1.30	1.05	0.68	0.69	0.67	1.30	0.03	2.4%
NC_743	20	4435	0.35	0.34	0.07	0.37	0.25	0.37	0.34	0.33	0.23	0.23	0.22	0.37	0.00	0.5%
NC_744	60	4565	4.06	4.13	0.72	4.18	2.75	3.28	3.96	4.18	3.29	2.90	2.96	4.18	0.00	0.0%
NC_745	20	4440	5.42	5.44	0.50	5.61	4.75	4.89	5.84	5.01	3.45	3.13	3.36	5.84	0.23	4.0%
NC_746	20	4435	0.43	0.44	0.08	0.44	0.42	0.44	0.45	0.36	0.22	0.24	0.22	0.45	0.01	3.0%
NC_747	20	4435	0.81	0.79	0.11	0.80	0.66	0.80	0.81	0.70	0.45	0.45	0.44	0.81	0.01	1.0%
NC_748	20	4435	0.36	0.35	0.07	0.38	0.29	0.38	0.36	0.33	0.22	0.23	0.21	0.38	0.00	0.8%
NC_749	30	4509	4.35	4.37	0.34	4.38	3.61	3.81	4.51	4.37	2.98	2.74	2.76	4.51	0.13	2.9%
NC_750	180	4659	96.84	97.37	11.05	98.38	44.03	53.56	78.94	88.36	96.17	97.97	98.38	98.38	0.00	0.0%
NC_751	15	4409	0.46	0.45	0.05	0.45	0.45	0.46	0.47	0.36	0.22	0.25	0.22	0.47	0.02	4.9%
NC_752	20	4434	0.90	0.89	0.13	0.91	0.80	0.88	0.92	0.73	0.46	0.49	0.46	0.92	0.01	0.9%
NC_753	20	4435	0.57	0.58	0.10	0.59	0.54	0.59	0.59	0.48	0.31	0.33	0.30	0.59	0.00	0.3%
NC_754	60	4565	0.57	0.56	0.10	0.58	0.28	0.41	0.45	0.58	0.51	0.45	0.43	0.58	0.00	-0.3%
NC_755	20	4435	0.60	0.59	0.09	0.61	0.50	0.61	0.59	0.58	0.43	0.41	0.40	0.61	0.00	0.5%
NC_756	180	4659	96.83	97.34	11.08	98.30	44.24	53.75	79.00	88.41	96.29	98.05	98.30	98.30	0.00	0.0%
NC_757	20	4444	0.30	0.30	0.06	0.32	0.22	0.33	0.29	0.30	0.21	0.21	0.20	0.33	0.01	1.9%
NC_758	20	4435	0.36	0.35	0.07	0.38	0.30	0.38	0.36	0.33	0.22	0.23	0.21	0.38	0.00	0.5%
NC_759	15	4409	0.54	0.53	0.06	0.53	0.53	0.52	0.55	0.41	0.25	0.29	0.25	0.55	0.02	4.2%
NC_760	20	4434	2.16	2.13	0.28	2.18	1.91	2.03	2.22	1.77	1.16	1.18	1.14	2.22	0.04	1.7%
NC_761	45	4536	0.27	0.25	0.04	0.25	0.18	0.27	0.25	0.27	0.20	0.19	0.19	0.27	0.02	7.2%
NC_762	20	4436	0.68	0.67	0.07	0.68	0.56	0.67	0.71	0.66	0.46	0.42	0.45	0.71	0.03	4.3%
NC_763	45	4536	1.04	1.00	0.16	1.01	0.68	0.89	1.01	1.05	0.81	0.72	0.75	1.05	0.04	3.8%
NC_764	45	4536	0.28	0.26	0.05	0.27	0.19	0.29	0.27	0.28	0.21	0.20	0.19	0.29	0.02	6.7%
NC_765	30	4509	0.97	0.97	0.10	0.98	0.80	0.86	1.01	0.97	0.66	0.60	0.64	1.01	0.03	2.8%
NC_766	15	4410	1.16	1.15	0.12	1.15	1.04	1.10	1.17	0.93	0.60	0.62	0.59	1.17	0.02	1.7%
NC_767	60	4573	8.36	8.51	0.48	8.63	3.79	4.85	7.68	8.66	8.72	8.35	7.74	8.72	0.09	1.1%
NC_768	15	4409	0.48	0.47	0.05	0.47	0.47	0.47	0.49	0.37	0.23	0.26	0.22	0.49	0.02	4.5%
NC_769	45	4478	3.84	3.77	0.29	3.79	2.66	3.01	3.86	4.07	3.33	2.92	2.84	4.07	0.28	7.3%
NC_770	180	4659	96.82	97.36	11.02	98.38	43.87	53.39	78.89	88.31	96.06	97.89	98.38	98.38	0.00	0.0%
NC_771	15	4412	0.66	0.65	0.07	0.65	0.65	0.65	0.68	0.52	0.33	0.36	0.32	0.68	0.03	4.6%
NC_772	20	4435	0.42	0.42	0.08	0.43	0.40	0.43	0.44	0.35	0.22	0.24	0.22	0.44	0.01	1.4%
NC_773	20	4444	0.32	0.32	0.06	0.35	0.24	0.35	0.32	0.31	0.21	0.22	0.20	0.35	0.00	-0.3%
NC_774	20	4434	2.25	2.20	0.29	2.25	1.96	2.11	2.29	1.83	1.20	1.21	1.18	2.29	0.04	1.7%
NC_775	15	4412	0.67	0.65	0.08	0.65	0.64	0.67	0.69	0.55	0.35	0.37	0.34	0.69	0.04	6.5%
NC_776	45	4539	0.48	0.46	0.08	0.46	0.31	0.45	0.46	0.49	0.39	0.35	0.35	0.49	0.03	5.9%
NC_777	45	4542	3.62	3.54	0.37	3.62	2.79	3.00	3.74	3.78	2.99	2.61	2.61	3.78	0.16	4.4%
NC_778	20	4435	0.44	0.44	0.08	0.45	0.42	0.45	0.46	0.36	0.22	0.25	0.22	0.46	0.01	1.6%
NC_779	45	4542	4.20	4.11	0.43	4.20	3.32	3.66	4.30	4.38	3.51	3.07	2.97	4.38	0.18	4.3%
NC_780	60	4565	2.72	2.78	0.33	2.83	2.07	2.25	2.72	2.83	2.43	2.10	1.98	2.83	0.00	0.1%
NC_781	60	4565	0.53	0.53	0.11	0.54	0.29	0.42	0.46	0.54	0.44	0.38	0.40	0.54	0.00	0.6%
NC_782	15	4410	0.70	0.69	0.07	0.69	0.69	0.66	0.71	0.52	0.32	0.37	0.31	0.71	0.02	2.3%
NC_783	45	4542	0.59	0.57	0.10	0.60	0.45	0.60	0.60	0.59	0.43	0.40	0.41	0.60	0.00	0.7%
NC_784	20	4434	2.43	2.40	0.30	2.40	2.08	2.24	2.56	2.07	1.39	1.38	1.36	2.56	0.16	6.6%
NC_785	45	4539	1.71	1.65	0.26	1.66	1.14	1.45	1.64	1.73	1.36	1.20	1.25	1.73	0.07	4.2%
NC_786	15	4409	0.50	0.49	0.06	0.49	0.49	0.49	0.51	0.39	0.24	0.27	0.23	0.51	0.02	4.5%
NC_787	30	4509	3.66	3.66	0.40	3.67	3.05	3.14	3.88	3.75	2.87	2.53	2.58	3.88	0.21	5.8%
NC_788	45	4536	0.29	0.27	0.04	0.27	0.18	0.28	0.27	0.29	0.22	0.21	0.21	0.29	0.02	6.3%
NC_789	60	4573	8.42	8.59	0.50	8.71	3.83	4.90	7.73	8.72	8.75	8.31	7.62	8.75	0.04	0.5%
NC_790	20	4435	0.51	0.50	0.09	0.52	0.43	0.52	0.52	0.43	0.27	0.28	0.27	0.52	0.00	-0.6%
NC_791	20	4434	0.88	0.86	0.13	0.88	0.75	0.85	0.89	0.72	0.46	0.47	0.45	0.89	0.01	1.3%
NC_792	20	4436	2.74	2.69	0.33	2.73	2.31	2.56	2.88	2.40	1.62	1.55	1.59	2.88	0.15	5.4%
NC_793	20	4434	1.46	1.44	0.18	1.45	1.25	1.36	1.49	1.20	0.78	0.79	0.77	1.49	0.04	2.6%
NC_794	20	4436	3.29	3.27	0.34	3.37	2.83	2.99	3.55	2.99	2.05	1.91	2.00	3.55	0.18	5.2%
NC_795	15	4409	0.57	0.58	0.05	0.58	0.58	0.52	0.57	0.39	0.25	0.30	0.23	0.58	0.00	0.5%
NC_796	60	4565	0.57	0.56	0.10	0.58	0.31	0.42	0.48	0.58	0.49	0.42	0.43	0.58	0.00	0.2%
NC_797	20	4436	2.90	2.87	0.30	2.95	2.48	2.64	3.11	2.72	2.01	1.80	1.90	3.11	0.16	5.4%
NC_798	45	4536	0.37	0.35	0.06	0.36	0.27	0.39	0.36	0.37	0.27	0.26	0.25	0.39	0.03	8.6%
NC_799	20	4435	0.43	0.43	0.08	0.44	0.41	0.44	0.45	0.35	0.22	0.24	0.22	0.45	0.01	1.1%
NC_800	45	4536	0.31	0.29	0.05	0.30	0.22	0.33	0.30	0.31	0.22	0.21	0.21	0.33	0.03	8.3%
NC_801	45	4539	0.27	0.26	0.04	0.26	0.17	0.27	0.26	0.28	0.22	0.20	0.20	0.28	0.02	6.2%
NC_802	20	4436	1.09	1.06	0.12	1.09	0.93	1.03	1.13	0.97	0.65	0.61	0.64	1.13	0.04	3.8%
NC_803	60	4565	1.50	1.49	0.17	1.52	1.07	1.27	1.38	1.52	1.41	1.20	1.10	1.52	0.00	0.1%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_804	20	4434	1.09	1.07	0.15	1.10	0.95	1.04	1.10	0.87	0.56	0.58	0.55	1.10	0.00	-0.4%
NC_805	20	4434	2.16	2.11	0.30	2.15	1.90	2.07	2.23	1.79	1.18	1.20	1.16	2.23	0.08	3.9%
NC_806	20	4435	0.53	0.53	0.09	0.53	0.50	0.53	0.55	0.43	0.28	0.30	0.27	0.55	0.02	3.0%
NC_807	15	4409	0.52	0.51	0.06	0.51	0.51	0.51	0.53	0.40	0.25	0.28	0.24	0.53	0.02	4.3%
NC_808	45	4539	0.25	0.23	0.04	0.24	0.15	0.23	0.23	0.25	0.19	0.18	0.18	0.25	0.01	2.9%
NC_809	20	4434	0.82	0.80	0.12	0.80	0.66	0.80	0.83	0.69	0.45	0.44	0.44	0.83	0.02	3.1%
NC_810	45	4536	0.29	0.28	0.05	0.29	0.21	0.30	0.29	0.29	0.21	0.20	0.20	0.30	0.01	2.8%
NC_811	45	4536	0.32	0.30	0.05	0.31	0.23	0.34	0.31	0.32	0.23	0.23	0.22	0.34	0.03	9.0%
NC_812	15	4409	0.55	0.54	0.06	0.54	0.54	0.54	0.56	0.43	0.26	0.30	0.26	0.56	0.02	3.9%
NC_813	20	4435	0.44	0.44	0.08	0.45	0.42	0.45	0.46	0.36	0.23	0.25	0.22	0.46	0.01	1.3%
NC_814	20	4436	2.15	2.11	0.23	2.16	1.78	1.99	2.30	2.08	1.57	1.41	1.46	2.30	0.14	6.6%
NC_815	60	4565	8.43	8.62	0.54	8.72	3.86	4.93	7.75	8.72	8.74	8.08	7.41	8.74	0.02	0.2%
NC_816	20	4435	0.42	0.42	0.08	0.43	0.40	0.43	0.44	0.35	0.22	0.24	0.22	0.44	0.01	1.6%
NC_817	15	4409	0.54	0.53	0.06	0.53	0.53	0.52	0.55	0.41	0.25	0.29	0.25	0.55	0.02	3.6%
NC_818	15	4409	0.50	0.49	0.05	0.49	0.49	0.49	0.51	0.38	0.24	0.27	0.23	0.51	0.02	4.5%
NC_819	15	4409	0.56	0.56	0.06	0.56	0.56	0.52	0.56	0.40	0.24	0.30	0.24	0.56	0.00	0.2%
NC_820	15	4409	0.47	0.46	0.05	0.46	0.46	0.47	0.48	0.37	0.23	0.26	0.22	0.48	0.02	5.2%
NC_821	20	4435	0.50	0.51	0.09	0.51	0.48	0.51	0.52	0.41	0.26	0.28	0.25	0.52	0.01	2.2%
NC_822	15	4409	0.52	0.52	0.06	0.52	0.52	0.51	0.53	0.40	0.24	0.28	0.24	0.53	0.01	2.7%
NC_823	45	4536	0.29	0.27	0.05	0.28	0.20	0.31	0.28	0.29	0.21	0.21	0.20	0.31	0.03	8.9%
NC_824	20	4436	1.88	1.82	0.24	1.83	1.51	1.81	1.95	1.81	1.37	1.24	1.28	1.95	0.12	6.7%
NC_825	45	4536	0.39	0.37	0.06	0.37	0.26	0.39	0.37	0.39	0.31	0.29	0.28	0.39	0.02	6.2%
NC_826	20	4435	0.45	0.45	0.08	0.46	0.43	0.46	0.47	0.37	0.23	0.25	0.23	0.47	0.01	1.3%
NC_827	60	4565	8.33	8.54	0.61	8.60	3.86	4.91	7.68	8.60	8.59	7.59	7.05	8.60	0.00	0.0%
NC_828	20	4435	0.62	0.61	0.09	0.63	0.50	0.63	0.63	0.60	0.43	0.41	0.41	0.63	0.00	0.0%
NC_829	60	4568	1.25	1.27	0.15	1.27	0.80	0.98	1.10	1.26	1.21	1.03	0.93	1.26	-0.01	-0.6%
NC_830	45	4536	1.19	1.15	0.18	1.19	0.90	1.16	1.19	1.17	0.93	0.84	0.85	1.19	0.00	0.3%
NC_831	20	4435	0.43	0.43	0.08	0.44	0.40	0.44	0.44	0.35	0.22	0.24	0.22	0.44	0.00	0.7%
NC_832	60	4565	1.13	1.13	0.16	1.16	0.69	0.87	0.95	1.16	1.04	0.90	0.85	1.16	0.00	0.3%
NC_833	20	4435	0.36	0.36	0.07	0.39	0.30	0.39	0.37	0.33	0.22	0.23	0.21	0.39	0.00	-0.8%
NC_834	60	4565	8.40	8.62	0.64	8.64	3.93	4.97	7.75	8.64	8.64	7.55	6.94	8.64	0.00	0.0%
NC_835	60	4475	0.53	0.52	0.10	0.52	0.35	0.49	0.48	0.52	0.45	0.40	0.40	0.52	0.00	-0.6%
NC_836	20	4435	0.32	0.32	0.05	0.32	0.25	0.32	0.33	0.31	0.22	0.21	0.21	0.33	0.01	3.4%
NC_837	45	4536	0.26	0.25	0.04	0.25	0.18	0.27	0.25	0.27	0.20	0.19	0.19	0.27	0.02	7.2%
NC_838	45	4542	0.30	0.28	0.05	0.30	0.23	0.30	0.31	0.29	0.21	0.20	0.20	0.31	0.01	2.3%
NC_839	60	4565	7.92	8.13	0.61	8.16	3.73	4.69	7.35	8.16	8.11	7.08	6.47	8.16	0.00	0.0%
NC_840	60	4565	0.99	0.98	0.17	1.02	0.59	0.74	0.87	1.02	0.83	0.73	0.74	1.02	0.00	-0.2%
NC_841	45	4536	0.34	0.32	0.06	0.33	0.25	0.36	0.33	0.34	0.24	0.24	0.23	0.36	0.03	10.3%
NC_842	60	4565	1.07	1.06	0.16	1.08	0.59	0.73	0.89	1.08	1.02	0.88	0.80	1.08	0.00	-0.1%
NC_843	45	4539	0.50	0.49	0.07	0.49	0.34	0.46	0.48	0.50	0.41	0.36	0.37	0.50	0.01	2.9%
NC_844	20	4435	0.45	0.45	0.08	0.47	0.41	0.47	0.46	0.39	0.25	0.27	0.25	0.47	0.00	-0.2%
NC_845	60	4565	7.93	8.14	0.63	8.14	3.77	4.68	7.38	8.14	8.11	7.03	6.38	8.14	-0.01	-0.1%
NC_846	20	4436	1.51	1.50	0.14	1.53	1.28	1.44	1.60	1.48	1.09	0.98	1.03	1.60	0.07	4.6%
NC_847	30	4513	1.99	1.98	0.12	2.01	1.48	1.67	1.98	2.11	1.60	1.44	1.41	2.11	0.10	4.8%
NC_848	45	4536	0.32	0.30	0.06	0.31	0.23	0.34	0.31	0.32	0.23	0.23	0.22	0.34	0.03	9.0%
NC_849	45	4536	0.26	0.24	0.04	0.25	0.17	0.26	0.25	0.26	0.20	0.19	0.19	0.26	0.01	5.2%
NC_850	60	4565	1.32	1.31	0.15	1.36	0.99	1.18	1.26	1.36	1.22	1.05	0.97	1.36	0.00	0.0%
NC_851	60	4565	6.44	6.64	0.57	6.70	2.98	3.87	6.05	6.70	6.47	5.69	5.17	6.70	0.00	0.0%
NC_852	60	4565	0.45	0.45	0.09	0.47	0.21	0.32	0.36	0.47	0.40	0.35	0.35	0.47	0.00	-1.1%
NC_853	15	4412	0.47	0.45	0.06	0.46	0.45	0.47	0.49	0.38	0.24	0.26	0.23	0.49	0.03	5.9%
NC_854	30	4513	1.59	1.58	0.14	1.59	1.30	1.40	1.63	1.65	1.23	1.10	1.12	1.65	0.06	3.8%
NC_855	20	4435	0.66	0.65	0.11	0.68	0.59	0.68	0.67	0.60	0.42	0.42	0.40	0.68	0.00	-0.4%
NC_856	60	4565	0.52	0.52	0.10	0.53	0.33	0.46	0.47	0.53	0.44	0.38	0.39	0.53	0.00	-0.8%
NC_857	15	4409	0.48	0.47	0.05	0.47	0.47	0.48	0.50	0.38	0.24	0.27	0.23	0.50	0.03	6.2%
NC_858	45	4539	1.11	1.08	0.12	1.09	0.86	1.05	1.07	1.11	0.98	0.85	0.81	1.11	0.02	1.7%
NC_859	45	4536	0.28	0.26	0.05	0.27	0.19	0.29	0.27	0.28	0.20	0.20	0.19	0.29	0.02	7.8%
NC_860	60	4573	4.92	5.01	0.42	5.11	2.36	3.03	4.71	5.21	4.88	4.35	4.00	5.21	0.10	1.9%
NC_861	15	4409	0.46	0.45	0.05	0.45	0.45	0.46	0.48	0.37	0.23	0.26	0.22	0.48	0.03	6.4%
NC_862	60	4565	0.83	0.83	0.12	0.84	0.58	0.76	0.76	0.84	0.73	0.64	0.63	0.84	0.00	0.2%
NC_863	60	4573	4.61	4.72	0.43	4.82	2.31	2.94	4.44	4.88	4.47	3.99	3.65	4.88	0.06	1.3%
NC_864	20	4435	0.45	0.46	0.08	0.46	0.43	0.46	0.47	0.38	0.24	0.26	0.23	0.47	0.01	2.2%
NC_865	45	4539	0.50	0.48	0.07	0.49	0.34	0.46	0.48	0.50	0.40	0.36	0.37	0.50	0.01	2.7%
NC_866	20	4444	0.31	0.30	0.06	0.33	0.23	0.33	0.30	0.30	0.21	0.21	0.20	0.33	0.00	0.6%
NC_867	20	4435	0.66	0.66	0.08	0.66	0.54	0.66	0.68	0.65	0.47	0.43	0.45	0.68	0.02	3.6%
NC_868	45	4541	2.82	2.79	0.13	2.80	1.57	1.96	2.71	2.98	2.55	2.29	2.10	2.98	0.18	6.5%
NC_869	60	4565	1.84	1.89	0.18	1.93	0.90	1.16	1.75	1.93	1.80	1.57	1.45	1.93	0.00	-0.2%
NC_870	60	4573	1.88	1.92	0.18	1.97	0.88	1.14	1.78	1.99	1.88	1.66	1.54	1.99	0.02	0.9%
NC_871	45	4539	0.47	0.45	0.07	0.46	0.31	0.43	0.44	0.47	0.38	0.34	0.35	0.47	0.01	2.2%
NC_872	45	4541	2.02	1.99	0.09	2.00	1.24	1.49	1.97	2.14	1.74	1.57	1.46	2.14	0.14	7.1%
NC_873	45	4541	0.83	0.79	0.11	0.79	0.58	0.71	0.78	0.86	0.68	0.60	0.61	0.86	0.07	9.1%
NC_874	20	4435	0.35	0.34	0.07	0.37	0.28	0.37	0.35	0.32	0.22	0.22	0.21	0.37	0.00	0.5%
NC_875	60	4565	1.77	1.83	0.19	1.85	0.94	1.18	1.64	1.85	1.68	1.46	1.35	1.85	0.00	-0.2%
NC_876	45	4540	1.68	1.65	0.10	1.66	1.19	1.36	1.68	1.78	1.35	1.23	1.18	1.78	0.12	7.3%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_877	60	4565	1.71	1.74	0.21	1.78	0.98	1.21	1.54	1.78	1.56	1.36	1.28	1.78	0.00	0.1%
NC_878	20	4435	0.63	0.63	0.09	0.65	0.50	0.65	0.64	0.62	0.45	0.42	0.42	0.65	0.00	-0.6%
NC_879	30	4513	1.65	1.65	0.11	1.66	1.28	1.40	1.67	1.70	1.20	1.09	1.10	1.70	0.04	2.2%
NC_880	60	4565	0.59	0.58	0.10	0.58	0.24	0.34	0.48	0.58	0.56	0.48	0.45	0.58	0.00	0.7%
NC_881	15	4409	0.50	0.49	0.06	0.49	0.49	0.49	0.52	0.39	0.24	0.28	0.24	0.52	0.03	5.1%
NC_882	45	4536	0.36	0.34	0.06	0.35	0.25	0.37	0.35	0.36	0.27	0.26	0.25	0.37	0.02	6.3%
NC_883	60	4565	1.64	1.66	0.24	1.73	1.05	1.27	1.51	1.73	1.41	1.24	1.21	1.73	0.00	-0.2%
NC_884	20	4435	0.42	0.43	0.08	0.44	0.39	0.44	0.44	0.37	0.23	0.25	0.23	0.44	0.00	0.7%
NC_885	15	4409	0.47	0.46	0.05	0.46	0.46	0.46	0.48	0.37	0.23	0.26	0.22	0.48	0.02	4.8%
NC_886	20	4436	1.35	1.33	0.13	1.36	1.16	1.29	1.39	1.24	0.85	0.78	0.82	1.39	0.03	2.5%
NC_887	20	4435	0.72	0.70	0.10	0.72	0.59	0.72	0.71	0.65	0.44	0.42	0.42	0.72	0.00	-0.3%
NC_888	20	4435	0.42	0.43	0.08	0.44	0.39	0.44	0.44	0.36	0.23	0.25	0.23	0.44	0.00	0.5%
NC_889	45	4536	0.26	0.24	0.04	0.24	0.17	0.26	0.24	0.26	0.20	0.19	0.19	0.26	0.02	8.8%
NC_890	60	4565	0.75	0.74	0.13	0.77	0.40	0.55	0.62	0.77	0.64	0.56	0.56	0.77	0.00	-0.4%
NC_891	45	4536	0.27	0.25	0.04	0.26	0.18	0.28	0.26	0.27	0.20	0.19	0.19	0.28	0.02	5.8%
NC_892	45	4536	0.29	0.27	0.05	0.28	0.21	0.31	0.28	0.29	0.21	0.21	0.20	0.31	0.03	10.0%
NC_893	45	4539	0.34	0.32	0.05	0.32	0.22	0.33	0.32	0.35	0.27	0.25	0.25	0.35	0.03	7.8%
NC_894	45	4536	0.37	0.35	0.06	0.36	0.26	0.39	0.36	0.37	0.28	0.27	0.26	0.39	0.03	8.9%
NC_895	45	4536	0.25	0.24	0.04	0.24	0.16	0.25	0.24	0.26	0.20	0.18	0.18	0.26	0.02	6.7%
NC_896	45	4539	0.25	0.24	0.04	0.24	0.15	0.23	0.24	0.25	0.20	0.18	0.19	0.25	0.01	5.8%
NC_897	45	4536	0.27	0.25	0.04	0.25	0.18	0.27	0.25	0.27	0.20	0.19	0.19	0.27	0.02	6.8%
NC_898	60	4565	0.87	0.86	0.16	0.90	0.40	0.58	0.72	0.90	0.75	0.65	0.66	0.90	0.00	-0.3%
NC_899	60	4565	0.29	0.29	0.06	0.29	0.18	0.27	0.27	0.29	0.24	0.21	0.22	0.29	0.00	1.4%
NC_900	60	4565	0.53	0.53	0.10	0.54	0.30	0.43	0.45	0.54	0.46	0.40	0.40	0.54	0.00	0.2%
NC_901	45	4536	0.31	0.29	0.06	0.30	0.23	0.34	0.30	0.31	0.22	0.22	0.21	0.34	0.04	12.3%
NC_902	45	4536	0.52	0.50	0.07	0.50	0.37	0.49	0.50	0.52	0.41	0.37	0.38	0.52	0.02	3.6%
NC_903	60	4565	1.12	1.11	0.21	1.15	0.64	0.86	0.95	1.15	0.95	0.83	0.85	1.15	0.00	-0.1%
NC_904	15	4409	0.46	0.45	0.05	0.45	0.45	0.46	0.47	0.36	0.22	0.25	0.22	0.47	0.02	4.9%
NC_905	60	4565	1.14	1.13	0.18	1.18	0.63	0.79	0.97	1.18	1.02	0.89	0.86	1.18	0.00	-0.2%
NC_906	45	4539	0.28	0.26	0.04	0.27	0.17	0.26	0.26	0.28	0.22	0.20	0.21	0.28	0.01	3.3%
NC_907	20	4435	0.84	0.82	0.11	0.84	0.68	0.84	0.82	0.77	0.52	0.50	0.50	0.84	0.00	-0.2%
NC_908	90	4593	1.46	1.49	0.22	1.54	0.54	0.76	1.29	1.42	1.59	1.35	1.20	1.59	0.05	3.2%
NC_909	20	4444	0.32	0.32	0.06	0.35	0.24	0.35	0.31	0.31	0.21	0.22	0.21	0.35	0.00	-0.3%
NC_910	45	4539	0.25	0.24	0.04	0.24	0.16	0.24	0.23	0.25	0.20	0.18	0.18	0.25	0.01	4.6%
NC_911	20	4444	0.24	0.23	0.05	0.25	0.19	0.26	0.24	0.21	0.14	0.15	0.14	0.26	0.01	2.4%
NC_912	20	4435	0.41	0.41	0.08	0.42	0.38	0.42	0.42	0.35	0.22	0.24	0.22	0.42	0.00	0.7%
NC_913	20	4436	1.59	1.56	0.19	1.59	1.33	1.47	1.67	1.42	0.98	0.91	0.96	1.67	0.08	5.1%
NC_914	20	4435	1.37	1.33	0.17	1.34	1.13	1.34	1.38	1.24	0.83	0.79	0.81	1.38	0.04	2.8%
NC_915	20	4435	1.24	1.20	0.17	1.20	1.02	1.20	1.28	1.11	0.76	0.71	0.74	1.28	0.08	6.5%
NC_916	15	4409	0.50	0.48	0.06	0.48	0.48	0.49	0.51	0.39	0.24	0.27	0.24	0.51	0.03	6.5%
NC_917	60	4565	0.66	0.65	0.12	0.68	0.29	0.43	0.54	0.68	0.58	0.51	0.50	0.68	0.00	0.1%
NC_918	45	4536	0.27	0.25	0.05	0.26	0.19	0.28	0.26	0.27	0.20	0.20	0.19	0.28	0.02	7.3%
NC_919	60	4565	0.94	0.93	0.16	0.95	0.66	0.84	0.89	0.95	0.79	0.69	0.70	0.95	0.00	0.3%
NC_920	20	4436	1.79	1.76	0.19	1.80	1.50	1.65	1.91	1.74	1.32	1.18	1.23	1.91	0.11	6.0%
NC_921	20	4435	0.46	0.47	0.08	0.47	0.45	0.47	0.48	0.38	0.24	0.26	0.24	0.48	0.01	2.8%
NC_922	45	4539	0.25	0.23	0.04	0.24	0.15	0.23	0.23	0.25	0.20	0.18	0.18	0.25	0.01	2.9%
NC_923	60	4565	0.42	0.42	0.08	0.43	0.19	0.29	0.34	0.43	0.37	0.32	0.32	0.43	0.00	0.5%
NC_924	45	4539	0.25	0.23	0.04	0.24	0.16	0.24	0.23	0.25	0.20	0.18	0.18	0.25	0.01	4.2%
NC_925	60	4568	2.60	2.69	0.25	2.69	1.69	1.95	2.40	2.69	2.52	2.15	1.95	2.69	0.00	-0.2%
NC_926	60	4565	0.77	0.76	0.13	0.78	0.31	0.46	0.62	0.78	0.72	0.62	0.59	0.78	0.00	0.1%
NC_927	45	4536	0.27	0.25	0.04	0.25	0.17	0.26	0.25	0.27	0.21	0.19	0.19	0.27	0.02	7.6%
NC_928	45	4536	0.36	0.34	0.06	0.35	0.26	0.38	0.35	0.37	0.27	0.26	0.26	0.38	0.03	8.6%
NC_929	45	4542	1.39	1.34	0.21	1.40	1.10	1.35	1.44	1.38	1.06	0.96	0.98	1.44	0.04	2.9%
NC_930	30	4513	6.68	6.68	0.64	6.70	5.50	5.75	6.98	6.90	5.21	4.64	4.70	6.98	0.28	4.1%
NC_931	15	4410	0.57	0.56	0.06	0.56	0.56	0.56	0.58	0.45	0.28	0.31	0.27	0.58	0.02	4.3%
NC_932	60	4568	3.05	3.07	0.34	3.11	1.26	1.70	2.71	3.03	3.26	2.68	2.40	3.26	0.15	4.9%
NC_933	15	4412	0.45	0.43	0.05	0.43	0.43	0.46	0.47	0.37	0.23	0.25	0.23	0.47	0.04	8.4%
NC_934	15	4409	0.46	0.45	0.05	0.45	0.45	0.47	0.48	0.37	0.23	0.26	0.23	0.48	0.03	6.9%
NC_935	60	4565	0.54	0.54	0.10	0.55	0.35	0.46	0.50	0.55	0.45	0.39	0.41	0.55	0.00	-0.2%
NC_936	60	4568	0.89	0.89	0.13	0.90	0.32	0.48	0.76	0.88	0.90	0.76	0.69	0.90	0.00	-0.2%
NC_937	60	4565	2.92	3.02	0.26	3.03	1.94	2.24	2.72	3.03	2.85	2.43	2.18	3.03	0.00	-0.1%
NC_938	20	4435	0.82	0.81	0.13	0.81	0.71	0.81	0.83	0.69	0.45	0.45	0.44	0.83	0.02	2.0%
NC_939	45	4536	0.34	0.32	0.06	0.33	0.24	0.36	0.33	0.34	0.25	0.24	0.23	0.36	0.03	7.9%
NC_940	60	4568	3.23	3.29	0.32	3.34	1.42	1.80	2.89	3.23	3.49	2.89	2.62	3.49	0.15	4.5%
NC_941	60	4568	0.98	1.00	0.12	1.01	0.33	0.50	0.87	0.98	1.04	0.87	0.79	1.04	0.03	3.2%
NC_942	45	4536	0.28	0.26	0.05	0.27	0.20	0.30	0.27	0.28	0.20	0.20	0.19	0.30	0.03	10.4%
NC_943	15	4412	0.66	0.65	0.07	0.65	0.64	0.66	0.68	0.53	0.34	0.37	0.33	0.68	0.03	5.1%
NC_944	20	4435	0.41	0.41	0.08	0.42	0.38	0.42	0.42	0.35	0.22	0.24	0.22	0.42	0.00	0.7%
NC_945	45	4539	0.25	0.24	0.04	0.24	0.16	0.24	0.24	0.25	0.20	0.18	0.19	0.25	0.01	5.8%
NC_946	15	4409	0.45	0.43	0.05	0.43	0.43	0.45	0.46	0.36	0.23	0.25	0.22	0.46	0.03	7.9%
NC_947	45	4539	0.25	0.23	0.04	0.24	0.16	0.24	0.23	0.25	0.20	0.18	0.18	0.25	0.01	4.2%
NC_948	60	4568	1.43	1.43	0.17	1.46	0.49	0.72	1.25	1.41	1.54	1.27	1.14	1.54	0.08	5.4%
NC_949	60	4568	3.28	3.35	0.31	3.39	1.41	1.82	2.92	3.32	3.53	2.96	2.73	3.53	0.14	4.2%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_950	2160	4803	2.23	2.37	0.82	2.38	0.25	0.36	0.33	0.32	0.28	0.31	0.36	0.36	-2.02	-84.8%
NC_951	60	4565	1.99	2.03	0.26	2.10	1.25	1.50	1.81	2.10	1.78	1.56	1.47	2.10	0.00	0.0%
NC_952	20	4435	0.46	0.46	0.08	0.47	0.44	0.47	0.48	0.38	0.24	0.26	0.23	0.48	0.01	1.5%
NC_953	15	4409	0.53	0.52	0.06	0.52	0.52	0.52	0.55	0.42	0.26	0.29	0.25	0.55	0.03	5.2%
NC_954	45	4536	0.29	0.27	0.05	0.28	0.20	0.29	0.28	0.30	0.22	0.21	0.21	0.30	0.02	5.4%
NC_955	45	4536	0.27	0.26	0.04	0.26	0.18	0.27	0.26	0.28	0.21	0.20	0.20	0.28	0.02	5.8%
NC_956	60	4569	3.72	3.79	0.35	3.87	2.59	3.00	3.45	3.88	3.57	3.02	2.70	3.88	0.01	0.3%
NC_957	20	4435	1.62	1.57	0.22	1.59	1.29	1.59	1.65	1.52	1.11	1.02	1.05	1.65	0.06	3.7%
NC_958	45	4539	0.26	0.24	0.04	0.25	0.16	0.25	0.24	0.26	0.21	0.19	0.19	0.26	0.01	4.4%
NC_959	20	4435	1.22	1.17	0.17	1.17	1.00	1.17	1.23	1.08	0.74	0.69	0.72	1.23	0.06	5.2%
NC_960	45	4542	7.28	7.16	0.75	7.30	5.76	6.25	7.41	7.56	6.19	5.41	5.18	7.56	0.26	3.5%
NC_961	20	4435	0.68	0.67	0.11	0.71	0.52	0.71	0.67	0.66	0.49	0.47	0.46	0.71	0.00	-0.1%
NC_962	45	4539	0.25	0.23	0.04	0.24	0.15	0.23	0.23	0.25	0.20	0.18	0.18	0.25	0.01	3.8%
NC_963	20	4435	0.85	0.83	0.14	0.86	0.71	0.86	0.84	0.77	0.52	0.51	0.51	0.86	0.00	0.0%
NC_964	60	4568	5.07	5.17	0.47	5.25	2.08	2.75	4.53	5.08	5.51	4.57	4.18	5.51	0.26	4.9%
NC_965	60	4565	0.47	0.47	0.09	0.49	0.25	0.35	0.40	0.49	0.41	0.35	0.36	0.49	0.00	-0.6%
NC_966	20	4435	0.35	0.35	0.07	0.38	0.26	0.38	0.34	0.34	0.23	0.24	0.22	0.38	0.00	-0.5%
NC_967	45	4478	7.14	6.98	0.61	7.04	5.37	5.91	7.15	7.49	6.31	5.47	5.16	7.49	0.45	6.3%
NC_968	60	4565	0.81	0.80	0.14	0.83	0.53	0.66	0.74	0.83	0.67	0.59	0.60	0.83	-0.01	-0.6%
NC_969	2160	4803	2.19	2.33	0.80	2.38	0.03	0.07	0.19	0.23	0.27	0.30	0.35	0.35	-2.03	-85.4%
NC_970	30	4509	1.59	1.58	0.20	1.60	1.42	1.40	1.72	1.56	1.10	0.98	1.06	1.72	0.12	7.6%
NC_971	45	4542	3.99	3.98	0.05	3.99	2.83	3.15	4.02	4.15	3.79	3.53	3.28	4.15	0.16	4.0%
NC_972	20	4436	2.43	2.40	0.26	2.47	2.04	2.24	2.62	2.30	1.63	1.48	1.57	2.62	0.15	5.9%
NC_973	180	4668	15.12	15.42	0.72	15.43	6.13	7.41	10.53	11.57	13.38	14.50	15.53	15.53	0.10	0.6%
NC_974	180	4663	17.80	18.48	2.38	18.51	8.88	10.21	13.83	15.01	15.35	16.42	18.44	18.44	-0.07	-0.4%
NC_975	20	4434	0.72	0.70	0.10	0.73	0.62	0.68	0.72	0.57	0.36	0.38	0.36	0.72	-0.01	-0.8%
NC_976	180	4663	17.72	18.40	2.42	18.47	8.85	10.17	13.56	14.81	15.28	16.41	18.33	18.33	-0.14	-0.7%
NC_977	180	4663	17.45	18.12	2.51	18.28	8.67	9.95	12.65	14.10	14.96	16.33	17.97	17.97	-0.31	-1.7%
NC_978	180	4659	33.14	34.35	3.08	34.44	14.67	17.26	24.91	27.12	29.56	30.88	34.44	34.44	0.00	0.0%
NC_979	180	4659	33.80	34.93	2.97	35.09	14.92	17.66	25.86	28.02	30.43	31.01	35.09	35.09	0.00	0.0%
NC_980	180	4658	22.78	22.52	3.13	22.70	11.72	14.29	21.42	23.57	23.48	23.33	22.34	23.57	0.87	3.8%
NC_981	180	4663	58.60	59.30	6.11	59.34	24.80	30.54	47.18	52.47	55.81	57.94	59.25	59.25	-0.09	-0.1%
NC_982	120	4626	15.43	15.87	1.52	15.95	9.06	10.74	14.27	16.12	16.36	15.95	15.05	16.36	0.41	2.5%
NC_983	180	4659	15.59	15.44	2.57	15.54	9.00	10.68	14.61	16.09	16.30	16.35	15.54	16.35	0.81	5.2%
NC_984	15	4410	1.15	1.15	0.11	1.18	0.99	1.07	1.17	0.93	0.60	0.62	0.59	1.17	-0.01	-0.6%
NC_985	20	4435	0.55	0.55	0.10	0.56	0.51	0.56	0.57	0.47	0.30	0.32	0.30	0.57	0.00	0.9%
NC_986	30	4513	2.06	2.05	0.20	2.05	1.67	1.81	2.12	2.11	1.50	1.36	1.43	2.12	0.07	3.2%
NC_987	20	4444	0.29	0.29	0.06	0.31	0.21	0.32	0.28	0.29	0.20	0.20	0.20	0.32	0.01	1.6%
NC_988	20	4435	0.42	0.42	0.08	0.44	0.37	0.44	0.43	0.36	0.24	0.25	0.23	0.44	0.00	-0.7%
NC_989	20	4434	2.62	2.56	0.34	2.57	2.17	2.44	2.70	2.24	1.49	1.45	1.47	2.70	0.13	5.1%
NC_990	90	4594	13.02	13.41	1.98	14.32	5.94	6.76	11.42	13.83	14.32	11.63	10.66	14.32	0.00	0.0%
NC_991	20	4435	0.33	0.33	0.07	0.35	0.29	0.35	0.34	0.29	0.18	0.20	0.18	0.35	0.00	-0.3%
NC_992	45	4478	2.14	2.11	0.09	2.11	1.81	1.90	2.14	2.24	1.88	1.75	1.70	2.24	0.13	6.1%
NC_993	20	4435	0.83	0.80	0.12	0.81	0.68	0.81	0.85	0.72	0.48	0.46	0.47	0.85	0.04	5.1%
NC_994	20	4435	0.62	0.60	0.11	0.63	0.50	0.63	0.63	0.55	0.36	0.36	0.35	0.63	0.00	0.2%
NC_995	20	4434	0.96	0.93	0.14	0.93	0.81	0.93	0.99	0.82	0.54	0.53	0.53	0.99	0.05	5.9%
NC_996	20	4434	0.92	0.89	0.13	0.91	0.80	0.87	0.94	0.76	0.49	0.51	0.49	0.94	0.03	3.6%
NC_997	20	4436	2.89	2.88	0.27	2.97	2.47	2.67	3.13	2.85	2.16	1.94	1.98	3.13	0.16	5.4%
NC_998	15	4409	0.40	0.39	0.05	0.39	0.39	0.40	0.41	0.32	0.20	0.22	0.19	0.41	0.02	6.2%
NC_999	20	4434	0.81	0.80	0.12	0.81	0.71	0.80	0.82	0.67	0.43	0.44	0.42	0.82	0.01	1.7%
NC_1000	45	4478	1.90	1.86	0.20	1.89	1.54	1.74	1.92	1.96	1.55	1.37	1.34	1.96	0.07	3.7%
NC_1001	45	4542	1.36	1.35	0.18	1.38	1.09	1.24	1.40	1.37	1.11	0.98	0.98	1.40	0.02	1.1%
NC_1002	20	4434	0.75	0.74	0.12	0.75	0.66	0.74	0.77	0.62	0.40	0.41	0.39	0.77	0.02	2.0%
NC_1003	20	4435	0.57	0.56	0.10	0.59	0.44	0.59	0.57	0.52	0.35	0.34	0.34	0.59	0.00	-0.5%
NC_1004	45	4542	0.72	0.69	0.12	0.72	0.55	0.72	0.75	0.71	0.52	0.48	0.50	0.75	0.03	3.5%
NC_1005	20	4440	4.00	4.00	0.34	4.10	3.50	3.61	4.35	3.94	2.94	2.63	2.70	4.35	0.25	6.2%
NC_1006	15	4409	0.44	0.43	0.05	0.43	0.43	0.44	0.46	0.35	0.22	0.24	0.21	0.46	0.03	5.8%
NC_1007	30	4509	8.77	8.80	0.98	8.85	7.50	7.70	9.36	8.80	6.41	5.67	5.93	9.36	0.51	5.7%
NC_1008	20	4436	1.42	1.39	0.17	1.40	1.20	1.31	1.48	1.20	0.80	0.79	0.79	1.48	0.08	5.4%
NC_1009	20	4435	0.44	0.43	0.08	0.46	0.37	0.46	0.44	0.39	0.26	0.27	0.25	0.46	0.00	0.4%
NC_1010	20	4436	0.97	0.94	0.11	0.97	0.81	0.92	1.01	0.88	0.61	0.56	0.59	1.01	0.04	3.9%
NC_1011	20	4435	0.32	0.31	0.06	0.34	0.27	0.34	0.32	0.29	0.19	0.20	0.18	0.34	0.00	0.3%
NC_1012	45	4536	0.23	0.22	0.04	0.22	0.15	0.23	0.22	0.23	0.18	0.17	0.17	0.23	0.01	5.9%
NC_1013	60	4565	0.57	0.57	0.12	0.57	0.34	0.51	0.53	0.57	0.46	0.41	0.43	0.57	0.00	0.2%
NC_1014	60	4565	0.86	0.85	0.17	0.87	0.51	0.70	0.78	0.87	0.70	0.61	0.64	0.87	0.00	-0.2%
NC_1015	180	4659	12.15	11.95	2.23	12.05	2.62	3.45	7.07	8.82	11.46	12.08	12.05	12.08	0.03	0.2%
NC_1016	60	4565	3.65	3.64	0.53	3.70	1.72	2.28	3.05	3.70	3.51	2.99	2.80	3.70	0.00	0.0%
NC_1017	120	4626	10.00	9.82	1.22	9.95	1.04	2.38	6.57	8.13	10.26	9.95	9.62	10.26	0.31	3.2%
NC_1018	180	4659	2.34	2.31	0.31	2.32	0.93	1.20	1.89	2.14	2.31	2.46	2.32	2.46	0.14	5.9%
NC_1019	60	4565	0.44	0.44	0.07	0.46	0.30	0.35	0.41	0.46	0.38	0.34	0.33	0.46	0.00	-0.4%
NC_1020	90	4594	9.06	9.31	1.37	9.82	0.99	2.46	6.74	8.20	9.82	8.56	8.01	9.82	0.00	0.0%
NC_1021	60	4565	1.26	1.27	0.21	1.31	0.82	0.98	1.19	1.31	1.06	0.93	0.93	1.31	-0.01	-0.4%
NC_1022	60	4568	0.65	0.65	0.10	0.66	0.24	0.35	0.56	0.65	0.66	0.55	0.51	0.66	0.00	0.0%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_1023	120	4623	9.62	9.37	1.33	9.49	1.00	2.47	6.85	8.41	10.28	9.26	8.70	10.28	0.79	8.3%
NC_1024	60	4568	7.40	7.55	0.78	7.63	2.96	4.06	6.56	7.47	7.92	6.66	6.08	7.92	0.29	3.8%
NC_1025	60	4565	2.86	2.85	0.52	2.94	1.61	2.14	2.57	2.94	2.40	2.10	2.13	2.94	0.00	-0.1%
NC_1026	60	4565	1.07	1.06	0.20	1.09	0.56	0.81	0.92	1.09	0.90	0.78	0.80	1.09	0.00	0.0%
NC_1027	60	4565	1.79	1.80	0.32	1.84	1.09	1.40	1.66	1.84	1.48	1.30	1.32	1.84	0.00	0.1%
NC_1028	45	4536	0.30	0.28	0.05	0.29	0.22	0.32	0.29	0.30	0.22	0.22	0.21	0.32	0.03	11.4%
NC_1029	20	4444	0.28	0.28	0.05	0.30	0.20	0.30	0.27	0.27	0.19	0.19	0.18	0.30	0.00	0.7%
NC_1030	20	4444	0.17	0.17	0.04	0.18	0.16	0.19	0.18	0.15	0.09	0.10	0.09	0.19	0.01	3.3%
NC_1031	60	4565	0.23	0.23	0.05	0.23	0.12	0.18	0.20	0.23	0.18	0.16	0.17	0.23	0.00	0.9%
NC_1032	60	4565	0.46	0.45	0.09	0.46	0.29	0.41	0.42	0.46	0.37	0.33	0.34	0.46	0.00	-0.7%
NC_1033	60	4568	0.81	0.81	0.12	0.81	0.30	0.44	0.68	0.80	0.80	0.68	0.62	0.80	-0.01	-1.0%
NC_1034	90	4593	1.46	1.49	0.22	1.55	0.53	0.75	1.28	1.42	1.59	1.35	1.21	1.59	0.04	2.3%
NC_1035	20	4444	0.27	0.26	0.05	0.28	0.19	0.29	0.26	0.25	0.17	0.18	0.17	0.29	0.01	2.9%
NC_1036	2160	4920	0.29	0.24	0.16	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.25	-100.0%
NC_1037	60	4565	0.83	0.83	0.13	0.85	0.39	0.52	0.69	0.85	0.77	0.67	0.63	0.85	0.00	-0.4%
NC_1038	60	4568	0.68	0.68	0.10	0.69	0.25	0.36	0.58	0.67	0.69	0.58	0.53	0.69	0.00	0.1%
NC_1039	60	4568	0.88	0.90	0.08	0.91	0.34	0.48	0.80	0.89	0.94	0.79	0.72	0.94	0.03	3.6%
NC_1040	45	4536	0.15	0.14	0.03	0.15	0.10	0.15	0.15	0.16	0.11	0.11	0.11	0.16	0.01	3.3%
NC_1041	60	4568	0.90	0.92	0.08	0.93	0.35	0.48	0.81	0.91	0.96	0.82	0.75	0.96	0.03	3.2%
NC_1042	45	4478	0.36	0.35	0.05	0.36	0.26	0.33	0.36	0.36	0.27	0.24	0.26	0.36	0.00	-0.3%
NC_1043	60	4565	1.20	1.20	0.17	1.21	0.53	0.72	1.02	1.21	1.18	1.00	0.92	1.21	0.00	-0.2%
NC_1044	60	4568	2.56	2.63	0.25	2.65	0.94	1.33	2.27	2.62	2.73	2.35	2.19	2.73	0.08	3.0%
NC_1045	180	4663	16.78	17.34	2.61	17.49	7.64	8.76	10.95	12.11	13.83	16.05	17.19	17.19	-0.30	-1.7%
NC_1046	90	4593	6.84	7.02	1.10	7.42	2.65	3.49	5.82	6.67	7.43	6.40	5.93	7.43	0.01	0.1%
NC_1047	90	4594	7.38	7.54	1.09	7.94	3.00	3.77	6.25	7.19	7.94	7.11	6.66	7.94	0.00	0.0%
NC_1048	60	4565	3.68	3.71	0.43	3.77	2.82	3.07	3.66	3.77	3.45	2.86	2.67	3.77	0.00	0.1%
NC_1049	60	4568	2.75	2.72	0.22	2.73	1.43	1.76	2.46	2.63	2.79	2.42	2.16	2.79	0.06	2.1%
NC_1050	60	4567	2.23	2.27	0.11	2.30	1.13	1.37	2.11	2.24	2.24	2.01	1.80	2.24	-0.06	-2.4%
NC_1051	20	4444	0.19	0.19	0.04	0.20	0.17	0.20	0.20	0.16	0.10	0.11	0.10	0.20	0.00	-0.5%
NC_1052	60	4565	2.87	2.83	0.31	2.91	2.12	2.32	2.73	2.91	2.85	2.36	2.10	2.91	0.00	-0.1%
NC_1053	20	4436	0.63	0.61	0.08	0.62	0.53	0.60	0.64	0.54	0.36	0.35	0.35	0.64	0.02	3.7%
NC_1054	45	4541	1.71	1.69	0.05	1.69	1.11	1.30	1.68	1.80	1.59	1.44	1.30	1.80	0.11	6.7%
NC_1055	15	4409	0.43	0.42	0.05	0.42	0.42	0.44	0.45	0.35	0.22	0.24	0.22	0.45	0.03	7.4%
NC_1056	15	4412	0.64	0.64	0.07	0.64	0.61	0.61	0.66	0.48	0.30	0.34	0.30	0.66	0.02	2.3%
NC_1057	15	4409	0.38	0.38	0.04	0.38	0.38	0.35	0.38	0.27	0.16	0.20	0.16	0.38	0.00	0.5%
NC_1058	60	4570	1.96	1.94	0.11	1.95	1.10	1.32	1.94	2.06	1.96	1.81	1.60	2.06	0.11	5.7%
NC_1059	60	4565	1.47	1.49	0.10	1.52	0.57	0.78	1.32	1.52	1.58	1.41	1.28	1.58	0.06	4.1%
NC_1060	20	4434	0.77	0.75	0.09	0.75	0.65	0.72	0.77	0.64	0.41	0.41	0.41	0.77	0.02	3.1%
NC_1061	60	4565	1.99	2.04	0.14	2.06	1.30	1.54	1.92	2.06	1.90	1.72	1.58	2.06	0.00	0.0%
NC_1062	60	4570	2.45	2.43	0.15	2.44	1.24	1.50	2.33	2.39	2.43	2.31	1.99	2.43	-0.01	-0.3%
NC_1063	45	4536	0.76	0.74	0.09	0.76	0.56	0.65	0.76	0.79	0.57	0.51	0.54	0.79	0.03	3.7%
NC_1064	30	4509	5.27	5.30	0.36	5.33	4.23	4.53	5.42	5.34	3.71	3.40	3.40	5.42	0.09	1.7%
NC_1065	45	4540	0.84	0.81	0.08	0.82	0.54	0.65	0.80	0.90	0.68	0.62	0.61	0.90	0.08	9.1%
NC_1066	20	4436	1.27	1.24	0.16	1.25	1.04	1.22	1.32	1.17	0.82	0.75	0.80	1.32	0.07	5.7%
NC_1067	20	4435	0.35	0.35	0.07	0.37	0.31	0.37	0.36	0.31	0.20	0.21	0.19	0.37	0.00	0.3%
NC_1068	20	4435	0.49	0.48	0.08	0.50	0.37	0.50	0.49	0.46	0.32	0.31	0.31	0.50	0.00	-0.2%
NC_1069	15	4409	0.53	0.53	0.06	0.54	0.54	0.52	0.54	0.40	0.25	0.29	0.24	0.54	0.00	0.7%
NC_1070	15	4410	0.75	0.75	0.08	0.75	0.71	0.72	0.77	0.58	0.36	0.40	0.36	0.77	0.02	2.0%
NC_1071	15	4409	0.27	0.26	0.03	0.27	0.27	0.28	0.29	0.22	0.13	0.15	0.13	0.29	0.02	5.6%
NC_1072	20	4435	0.34	0.33	0.06	0.37	0.26	0.37	0.34	0.32	0.22	0.22	0.21	0.37	-0.01	-1.4%
NC_1073	20	4436	2.65	2.58	0.34	2.61	2.21	2.48	2.75	2.31	1.56	1.49	1.53	2.75	0.14	5.5%
NC_1074	20	4440	3.95	3.97	0.35	4.06	3.51	3.51	4.30	3.62	2.48	2.29	2.43	4.30	0.24	5.9%
NC_1075	20	4435	1.34	1.30	0.22	1.35	1.09	1.35	1.36	1.20	0.82	0.80	0.79	1.36	0.01	1.0%
NC_1076	45	4536	0.22	0.21	0.04	0.21	0.15	0.23	0.21	0.22	0.16	0.16	0.16	0.23	0.02	8.6%
NC_1077	45	4536	0.14	0.14	0.03	0.14	0.10	0.16	0.14	0.14	0.10	0.10	0.10	0.16	0.02	11.4%
NC_1078	20	4436	1.01	0.98	0.12	1.00	0.86	0.95	1.04	0.88	0.58	0.56	0.57	1.04	0.03	3.5%
NC_1079	30	4509	1.58	1.58	0.18	1.58	1.38	1.46	1.68	1.56	1.08	0.98	1.03	1.68	0.10	6.2%
NC_1080	15	4409	0.28	0.28	0.03	0.28	0.28	0.28	0.29	0.22	0.13	0.16	0.13	0.29	0.01	4.3%
NC_1081	60	4565	0.62	0.62	0.11	0.64	0.35	0.48	0.52	0.64	0.54	0.47	0.47	0.64	0.00	0.3%
NC_1082	20	4436	0.62	0.61	0.06	0.62	0.51	0.61	0.65	0.61	0.43	0.39	0.42	0.65	0.03	5.0%
NC_1083	20	4444	0.23	0.23	0.04	0.24	0.17	0.25	0.22	0.23	0.16	0.16	0.15	0.25	0.01	3.8%
NC_1084	45	4539	0.41	0.38	0.06	0.38	0.27	0.40	0.38	0.41	0.32	0.30	0.30	0.41	0.03	7.1%
NC_1085	60	4565	0.63	0.63	0.10	0.65	0.37	0.49	0.54	0.65	0.53	0.47	0.47	0.65	0.00	0.6%
NC_1086	20	4444	0.25	0.25	0.05	0.27	0.19	0.27	0.25	0.24	0.16	0.17	0.16	0.27	0.00	1.5%
NC_1087	60	4565	1.38	1.39	0.16	1.40	0.95	1.14	1.23	1.40	1.32	1.12	1.01	1.40	0.00	-0.3%
NC_1088	20	4435	0.75	0.74	0.10	0.75	0.61	0.75	0.76	0.71	0.51	0.48	0.49	0.76	0.01	0.7%
NC_1089	45	4542	0.45	0.44	0.06	0.46	0.37	0.45	0.47	0.45	0.34	0.31	0.32	0.47	0.01	1.5%
NC_1090	20	4444	0.27	0.27	0.05	0.30	0.20	0.30	0.26	0.27	0.18	0.19	0.18	0.30	0.00	-0.7%
NC_1091	20	4436	1.16	1.13	0.14	1.14	0.96	1.13	1.19	1.08	0.77	0.71	0.73	1.19	0.05	4.1%
NC_1092	60	4565	8.43	8.61	0.51	8.73	3.84	4.91	7.74	8.73	8.76	8.29	7.59	8.76	0.03	0.3%
NC_1093	60	4565	1.53	1.54	0.16	1.56	1.05	1.20	1.40	1.56	1.48	1.26	1.13	1.56	0.00	0.0%
NC_1094	30	4509	1.27	1.26	0.16	1.26	1.11	1.14	1.37	1.27	0.91	0.82	0.86	1.37	0.11	8.3%
NC_1095	20	4436	1.24	1.20	0.14	1.22	1.02	1.18	1.28	1.15	0.82	0.75	0.78	1.28	0.06	4.8%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_1096	60	4565	0.52	0.51	0.10	0.52	0.30	0.43	0.45	0.52	0.44	0.38	0.39	0.52	0.00	0.4%
NC_1097	60	4565	0.65	0.64	0.11	0.66	0.29	0.41	0.52	0.66	0.60	0.52	0.49	0.66	0.00	-0.3%
NC_1098	20	4436	0.46	0.45	0.06	0.45	0.38	0.44	0.47	0.41	0.28	0.26	0.27	0.47	0.02	4.9%
NC_1099	20	4436	0.52	0.51	0.06	0.52	0.43	0.51	0.54	0.49	0.34	0.31	0.33	0.54	0.02	3.7%
NC_1100	60	4573	8.36	8.51	0.48	8.62	3.79	4.85	7.68	8.66	8.72	8.36	7.75	8.72	0.10	1.1%
NC_1101	45	4540	5.25	5.22	0.15	5.22	3.01	3.69	5.21	5.58	4.85	4.34	3.96	5.58	0.36	6.8%
NC_1102	180	4659	87.55	88.25	9.78	88.95	38.97	47.08	69.60	78.21	85.26	88.45	88.95	88.95	0.00	0.0%
NC_1103	20	4436	1.10	1.07	0.13	1.09	0.94	1.05	1.13	0.97	0.64	0.61	0.63	1.13	0.04	3.3%
NC_1104	20	4436	0.51	0.50	0.06	0.51	0.43	0.48	0.54	0.43	0.28	0.29	0.28	0.54	0.03	4.9%
NC_1105	540	4764	2.46	2.33	0.74	2.45	0.34	0.43	0.66	0.74	0.85	0.91	1.18	1.18	-1.27	-52.0%
NC_1106	180	4659	86.36	87.20	9.54	87.86	38.84	46.83	68.95	77.49	84.47	87.62	87.86	87.86	0.00	0.0%
NC_1107	45	4542	4.20	4.17	0.20	4.17	2.69	3.12	4.24	4.46	3.76	3.31	3.14	4.46	0.29	6.9%
NC_1108	20	4436	0.48	0.46	0.07	0.47	0.40	0.46	0.50	0.41	0.27	0.27	0.27	0.50	0.03	5.3%
NC_1109	45	4542	4.50	4.32	0.59	4.42	3.83	4.07	4.83	4.58	3.62	3.15	3.14	4.83	0.41	9.2%
NC_1110	45	4478	4.19	4.10	0.40	4.20	3.25	3.58	4.27	4.38	3.56	3.10	2.97	4.38	0.18	4.3%
NC_1111	20	4435	0.85	0.83	0.12	0.86	0.68	0.86	0.84	0.80	0.55	0.54	0.53	0.86	0.00	0.3%
NC_1112	180	4659	96.92	97.52	10.96	98.58	43.71	53.24	78.86	88.30	96.00	97.86	98.58	98.58	0.00	0.0%
NC_1113	180	4659	98.32	99.47	10.22	100.86	39.00	48.27	76.64	86.53	94.80	98.38	100.86	100.86	0.00	0.0%
NC_1114	180	4659	98.27	99.42	10.14	100.80	38.85	48.11	76.40	86.29	94.57	98.23	100.80	100.80	0.00	0.0%
NC_1115	20	4435	0.79	0.77	0.13	0.79	0.66	0.79	0.79	0.68	0.45	0.45	0.44	0.79	0.00	0.3%
NC_1116	20	4435	0.94	0.90	0.14	0.91	0.77	0.91	0.96	0.82	0.55	0.53	0.54	0.96	0.05	5.8%
NC_1117	20	4436	1.80	1.82	0.13	1.86	1.57	1.68	1.93	1.75	1.22	1.10	1.19	1.93	0.07	3.8%
NC_1118	15	4409	0.32	0.32	0.04	0.32	0.32	0.32	0.33	0.24	0.15	0.18	0.14	0.33	0.01	3.8%
NC_1119	30	4509	8.95	8.98	1.01	9.12	7.99	7.79	9.65	8.74	6.02	5.36	5.79	9.65	0.53	5.8%
NC_1120	20	4436	1.33	1.31	0.13	1.33	1.16	1.26	1.36	1.20	0.78	0.73	0.77	1.36	0.03	2.5%
NC_1121	45	4478	13.66	13.43	0.92	13.54	10.37	11.34	13.84	14.45	13.42	11.56	11.01	14.45	0.91	6.7%
NC_1122	15	4409	0.35	0.33	0.04	0.34	0.34	0.35	0.36	0.28	0.17	0.20	0.17	0.36	0.02	6.5%
NC_1123	20	4435	0.97	0.94	0.14	0.94	0.80	0.94	1.00	0.85	0.57	0.55	0.56	1.00	0.06	6.7%
NC_1124	30	4509	13.09	13.15	0.86	13.17	10.40	11.13	13.39	13.72	12.92	11.16	10.50	13.72	0.55	4.2%
NC_1125	30	4513	13.21	13.24	0.93	13.25	10.63	11.31	13.52	13.79	12.96	11.18	10.48	13.79	0.54	4.1%
NC_1126	20	4435	0.40	0.40	0.08	0.43	0.35	0.43	0.41	0.36	0.24	0.25	0.23	0.43	-0.01	-1.2%
NC_1127	15	4410	1.34	1.35	0.12	1.37	1.18	1.20	1.34	1.04	0.67	0.70	0.67	1.34	-0.03	-2.3%
NC_1128	20	4434	0.79	0.77	0.12	0.77	0.68	0.77	0.80	0.65	0.42	0.43	0.41	0.80	0.03	3.8%
NC_1129	15	4411	1.66	1.68	0.12	1.69	1.45	1.46	1.71	1.37	0.91	0.91	0.90	1.71	0.02	1.1%
NC_1130	20	4436	2.44	2.42	0.26	2.49	2.10	2.24	2.61	2.21	1.53	1.41	1.49	2.61	0.12	4.7%
NC_1131	90	4597	4.76	4.83	0.43	5.00	2.08	2.57	4.03	4.73	5.05	4.72	4.48	5.05	0.05	1.0%
NC_1132	20	4435	0.70	0.70	0.12	0.71	0.65	0.71	0.72	0.59	0.39	0.41	0.38	0.72	0.01	0.7%
NC_1133	20	4436	2.70	2.66	0.29	2.73	2.27	2.54	2.88	2.53	1.74	1.60	1.70	2.88	0.15	5.3%
NC_1134	20	4435	1.34	1.29	0.19	1.31	1.07	1.31	1.37	1.19	0.81	0.77	0.79	1.37	0.05	4.2%
NC_1135	20	4435	0.32	0.31	0.06	0.34	0.26	0.34	0.32	0.29	0.19	0.20	0.19	0.34	0.00	0.3%
NC_1136	60	4565	0.98	0.99	0.14	0.99	0.41	0.58	0.84	0.99	0.95	0.81	0.75	0.99	0.00	-0.2%
NC_1137	30	4509	3.98	4.00	0.34	4.00	3.20	3.42	4.14	4.05	2.85	2.59	2.64	4.14	0.14	3.4%
NC_1138	15	4409	0.38	0.37	0.05	0.37	0.37	0.39	0.40	0.31	0.19	0.21	0.19	0.40	0.03	6.8%
NC_1139	20	4434	0.99	0.98	0.15	0.99	0.87	0.97	1.00	0.82	0.53	0.53	0.52	1.00	0.01	1.3%
NC_1140	20	4435	0.69	0.68	0.09	0.68	0.58	0.68	0.70	0.63	0.42	0.40	0.41	0.70	0.02	2.6%
NC_1141	60	4568	3.46	3.61	0.51	3.69	2.18	2.42	3.18	3.81	3.14	2.70	2.51	3.81	0.12	3.3%
NC_1142	60	4568	3.42	3.55	0.46	3.67	2.13	2.39	3.18	3.79	3.11	2.84	2.59	3.79	0.12	3.1%
NC_1143	20	4435	0.59	0.57	0.10	0.60	0.49	0.60	0.60	0.52	0.35	0.35	0.34	0.60	0.00	0.3%
NC_1144	60	4573	3.65	3.65	0.37	3.76	2.15	2.43	3.47	4.03	3.35	3.26	2.89	4.03	0.27	7.2%
NC_1145	60	4572	3.84	3.78	0.33	3.82	2.18	2.49	3.67	4.19	3.63	3.54	3.08	4.19	0.37	9.6%
NC_1146	20	4435	0.42	0.42	0.08	0.43	0.40	0.43	0.44	0.34	0.22	0.24	0.21	0.44	0.01	1.4%
NC_1147	20	4435	0.44	0.43	0.06	0.43	0.36	0.43	0.46	0.39	0.26	0.25	0.25	0.46	0.03	6.3%
NC_1148	60	4569	4.22	4.36	0.30	4.36	2.31	2.83	3.90	4.39	4.06	3.81	3.36	4.39	0.03	0.7%
NC_1149	20	4435	0.56	0.56	0.10	0.57	0.49	0.58	0.58	0.49	0.32	0.32	0.31	0.58	0.01	1.6%
NC_1150	20	4435	0.37	0.38	0.07	0.39	0.35	0.39	0.39	0.32	0.20	0.22	0.20	0.39	0.00	-0.3%
NC_1151	20	4436	1.00	0.99	0.10	1.01	0.85	0.94	1.06	0.94	0.65	0.59	0.64	1.06	0.05	5.0%
NC_1152	20	4436	1.18	1.18	0.11	1.21	1.01	1.10	1.26	1.12	0.78	0.70	0.76	1.26	0.05	4.4%
NC_1153	20	4436	1.21	1.21	0.11	1.24	1.03	1.13	1.29	1.16	0.80	0.72	0.78	1.29	0.05	4.3%
NC_1154	20	4435	1.10	1.09	0.19	1.11	0.99	1.11	1.14	0.92	0.60	0.62	0.58	1.14	0.03	2.5%
NC_1155	20	4436	1.91	1.91	0.15	1.95	1.66	1.80	2.01	1.80	1.22	1.11	1.19	2.01	0.06	3.3%
NC_1156	20	4440	1.87	1.87	0.16	1.90	1.69	1.63	2.02	1.68	1.14	1.07	1.12	2.02	0.12	6.4%
NC_1157	30	4509	2.26	2.26	0.22	2.27	1.87	2.02	2.36	2.28	1.58	1.44	1.50	2.36	0.09	3.9%
NC_1158	30	4509	4.22	4.24	0.28	4.27	3.25	3.53	4.32	4.36	3.14	2.84	2.85	4.36	0.09	2.0%
NC_1159	30	4509	4.28	4.31	0.27	4.33	3.25	3.56	4.38	4.44	3.23	2.92	2.92	4.44	0.11	2.6%
NC_1160	30	4509	4.38	4.41	0.24	4.44	3.24	3.61	4.49	4.63	3.44	3.10	3.07	4.63	0.19	4.2%
NC_1161	60	4565	1.60	1.57	0.24	1.58	0.94	1.24	1.33	1.58	1.54	1.31	1.22	1.58	0.00	-0.1%
NC_1162	20	4435	0.44	0.43	0.08	0.46	0.35	0.46	0.43	0.41	0.28	0.29	0.27	0.46	0.00	0.7%
NC_1163	20	4435	0.55	0.54	0.10	0.56	0.48	0.56	0.55	0.48	0.31	0.32	0.31	0.56	0.00	-0.4%
NC_1164	60	4568	1.25	1.27	0.17	1.29	0.50	0.68	1.11	1.25	1.27	1.07	0.97	1.27	-0.02	-1.7%
NC_1165	20	4435	0.31	0.31	0.06	0.33	0.26	0.33	0.32	0.28	0.18	0.20	0.18	0.33	0.00	0.9%
NC_1166	15	4410	0.77	0.76	0.08	0.76	0.75	0.73	0.78	0.58	0.36	0.41	0.36	0.78	0.02	2.5%
NC_1167	60	4565	2.04	2.01	0.27	2.04	1.42	1.59	1.82	2.04	2.00	1.68	1.53	2.04	0.00	0.1%
NC_1168	45	4541	6.76	6.69	0.24	6.70	3.90	4.75	6.67	7.19	6.17	5.51	5.10	7.19	0.48	7.2%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_1169	120	4623	1.19	1.18	0.11	1.18	0.42	0.57	0.97	1.12	1.25	1.17	1.14	1.25	0.07	6.1%
NC_1170	120	4623	0.67	0.67	0.07	0.67	0.25	0.33	0.56	0.64	0.71	0.67	0.65	0.71	0.04	5.4%
NC_1171	45	4539	0.23	0.22	0.04	0.22	0.14	0.21	0.22	0.23	0.18	0.17	0.17	0.23	0.01	6.4%
NC_1172	60	4565	0.39	0.39	0.08	0.40	0.20	0.29	0.32	0.40	0.33	0.29	0.30	0.40	0.00	0.3%
NC_1173	120	4626	1.82	1.76	0.16	1.79	0.83	1.04	1.43	1.58	1.88	1.79	1.72	1.88	0.09	5.2%
NC_1174	20	4435	0.49	0.48	0.09	0.51	0.43	0.51	0.50	0.43	0.28	0.30	0.28	0.51	0.00	0.0%
NC_1175	20	4435	0.37	0.37	0.07	0.38	0.36	0.38	0.39	0.30	0.19	0.21	0.19	0.39	0.01	1.3%
NC_1176	60	4565	0.91	0.90	0.15	0.93	0.41	0.57	0.74	0.93	0.83	0.73	0.69	0.93	0.00	0.0%
NC_1177	60	4573	6.90	6.98	0.64	7.16	3.82	4.72	6.82	7.38	6.41	5.79	5.34	7.38	0.22	3.1%
NC_1178	120	4626	1.89	1.84	0.15	1.87	0.78	0.99	1.50	1.68	1.95	1.87	1.83	1.95	0.08	4.0%
NC_1179	45	4536	0.22	0.21	0.04	0.21	0.15	0.22	0.21	0.22	0.17	0.16	0.16	0.22	0.01	6.2%
NC_1180	20	4435	0.35	0.36	0.07	0.37	0.33	0.37	0.37	0.30	0.19	0.20	0.18	0.37	0.00	-0.5%
NC_1181	20	4436	0.84	0.83	0.07	0.85	0.71	0.80	0.88	0.80	0.56	0.50	0.54	0.88	0.03	3.9%
NC_1182	45	4478	1.21	1.18	0.14	1.21	0.90	1.04	1.21	1.26	0.91	0.82	0.85	1.26	0.05	4.1%
NC_1183	60	4565	1.15	1.13	0.16	1.15	0.62	0.77	0.96	1.15	1.14	0.96	0.87	1.15	0.00	-0.2%
NC_1184	20	4436	0.41	0.41	0.05	0.41	0.34	0.40	0.43	0.38	0.26	0.24	0.25	0.43	0.02	5.4%
NC_1185	60	4568	0.81	0.81	0.11	0.82	0.33	0.45	0.71	0.80	0.85	0.71	0.63	0.85	0.03	3.5%
NC_1186	45	4536	0.23	0.21	0.04	0.22	0.16	0.24	0.22	0.23	0.16	0.16	0.16	0.24	0.02	10.0%
NC_1187	120	4626	2.01	1.95	0.17	1.97	0.84	1.08	1.63	1.81	2.08	1.97	1.93	2.08	0.11	5.6%
NC_1188	60	4568	1.63	1.64	0.20	1.65	0.73	0.97	1.42	1.64	1.68	1.40	1.27	1.68	0.03	1.7%
NC_1189	20	4435	0.34	0.33	0.07	0.36	0.29	0.36	0.35	0.30	0.20	0.21	0.19	0.36	0.00	0.0%
NC_1190	45	4478	4.54	4.44	0.35	4.46	3.27	3.72	4.55	4.81	3.67	3.30	3.22	4.81	0.35	7.9%
NC_1191	15	4412	0.79	0.78	0.08	0.78	0.77	0.77	0.80	0.61	0.39	0.43	0.38	0.80	0.02	3.1%
NC_1192	20	4436	1.94	1.91	0.21	1.95	1.60	1.86	2.06	1.88	1.32	1.22	1.27	2.06	0.11	5.4%
NC_1193	30	4513	2.89	2.90	0.19	2.91	2.22	2.42	2.94	3.00	2.20	1.98	1.98	3.00	0.09	3.1%
NC_1194	30	4509	12.89	12.96	1.23	13.06	11.14	11.39	13.68	12.78	8.99	8.16	8.43	13.68	0.62	4.7%
NC_1195	20	4434	1.12	1.08	0.16	1.08	0.92	1.08	1.15	0.97	0.65	0.62	0.63	1.15	0.07	6.3%
NC_1196	20	4435	0.90	0.87	0.14	0.88	0.72	0.88	0.90	0.78	0.51	0.49	0.51	0.90	0.02	2.0%
NC_1197	15	4409	0.47	0.47	0.05	0.47	0.47	0.45	0.48	0.35	0.21	0.25	0.21	0.48	0.01	1.3%
NC_1198	15	4409	0.62	0.61	0.06	0.61	0.61	0.58	0.62	0.45	0.28	0.33	0.27	0.62	0.01	2.0%
NC_1199	20	4440	6.91	6.95	0.42	7.07	6.16	6.41	7.35	6.77	4.79	4.38	4.57	7.35	0.28	4.0%
NC_1200	15	4409	0.62	0.61	0.06	0.61	0.61	0.59	0.63	0.46	0.28	0.33	0.28	0.63	0.02	2.5%
NC_1201	20	4440	5.71	5.74	0.35	5.84	5.09	5.31	6.06	5.65	4.03	3.68	3.86	6.06	0.22	3.8%
NC_1202	15	4410	0.74	0.73	0.08	0.74	0.72	0.70	0.75	0.56	0.35	0.40	0.34	0.75	0.01	1.1%
NC_1203	20	4435	1.12	1.09	0.15	1.11	0.91	1.11	1.11	1.01	0.69	0.66	0.67	1.11	0.00	0.4%
NC_1204	20	4436	1.21	1.17	0.16	1.18	1.00	1.15	1.25	1.04	0.69	0.67	0.68	1.25	0.07	5.7%
NC_1205	20	4434	0.89	0.88	0.13	0.91	0.79	0.86	0.91	0.72	0.46	0.48	0.45	0.91	0.00	-0.4%
NC_1206	15	4409	0.39	0.39	0.04	0.39	0.39	0.37	0.40	0.28	0.17	0.21	0.17	0.40	0.01	1.3%
NC_1207	15	4412	0.78	0.77	0.08	0.77	0.71	0.74	0.79	0.60	0.38	0.42	0.37	0.79	0.02	2.3%
NC_1208	15	4412	0.54	0.52	0.06	0.52	0.52	0.54	0.55	0.43	0.27	0.30	0.26	0.55	0.03	6.3%
NC_1209	20	4435	0.95	0.93	0.15	0.93	0.80	0.93	0.96	0.81	0.54	0.53	0.53	0.96	0.03	3.3%
NC_1210	20	4435	0.64	0.63	0.09	0.65	0.51	0.65	0.65	0.63	0.47	0.44	0.44	0.65	0.00	-0.3%
NC_1211	20	4434	1.75	1.69	0.24	1.71	1.47	1.66	1.80	1.50	1.01	0.97	0.99	1.80	0.09	5.4%
NC_1212	15	4410	1.05	1.05	0.10	1.07	0.92	0.98	1.07	0.84	0.54	0.57	0.53	1.07	0.00	-0.1%
NC_1213	20	4435	0.31	0.31	0.06	0.34	0.25	0.34	0.31	0.29	0.19	0.20	0.19	0.34	0.00	-1.2%
NC_1214	20	4435	0.33	0.34	0.06	0.35	0.32	0.35	0.35	0.27	0.17	0.19	0.17	0.35	0.00	0.0%
NC_1215	20	4440	8.02	8.08	0.46	8.20	7.16	7.44	8.58	7.90	5.57	5.08	5.31	8.58	0.38	4.6%
NC_1216	20	4440	2.29	2.29	0.20	2.35	2.00	2.07	2.48	2.18	1.55	1.39	1.48	2.48	0.13	5.3%
NC_1217	15	4409	0.38	0.37	0.04	0.37	0.37	0.38	0.39	0.30	0.18	0.21	0.18	0.39	0.02	5.9%
NC_1218	20	4435	0.74	0.72	0.10	0.75	0.59	0.75	0.73	0.68	0.45	0.45	0.44	0.75	-0.01	-0.7%
NC_1219	30	4513	2.29	2.30	0.20	2.30	1.83	1.93	2.38	2.36	1.72	1.54	1.56	2.38	0.08	3.3%
NC_1220	20	4434	1.69	1.66	0.22	1.70	1.42	1.61	1.69	1.38	0.89	0.89	0.88	1.69	-0.01	-0.4%
NC_1221	15	4409	0.42	0.42	0.05	0.42	0.42	0.41	0.43	0.32	0.20	0.23	0.19	0.43	0.01	2.9%
NC_1222	20	4436	1.40	1.38	0.17	1.39	1.19	1.29	1.47	1.21	0.81	0.79	0.80	1.47	0.08	5.5%
NC_1223	15	4410	0.75	0.75	0.08	0.75	0.71	0.71	0.76	0.57	0.36	0.40	0.35	0.76	0.01	1.7%
NC_1224	20	4435	0.47	0.45	0.09	0.49	0.39	0.49	0.47	0.42	0.29	0.29	0.28	0.49	0.00	0.0%
NC_1225	20	4436	1.25	1.23	0.13	1.25	1.04	1.20	1.31	1.21	0.85	0.78	0.82	1.31	0.06	5.0%
NC_1226	45	4542	1.02	0.99	0.13	1.03	0.82	0.99	1.04	1.02	0.76	0.69	0.71	1.04	0.01	1.4%
NC_1227	30	4509	14.40	14.51	1.12	14.65	11.88	12.43	15.03	14.48	10.32	9.33	9.50	15.03	0.38	2.6%
NC_1228	30	4509	16.15	16.29	1.06	16.45	12.99	13.74	16.72	16.37	11.73	10.60	10.69	16.72	0.27	1.6%
NC_1229	20	4440	2.20	2.22	0.17	2.27	1.99	1.97	2.35	1.97	1.31	1.24	1.30	2.35	0.08	3.5%
NC_1230	15	4410	0.86	0.85	0.09	0.85	0.78	0.83	0.88	0.68	0.43	0.46	0.42	0.88	0.03	2.9%
NC_1231	20	4434	1.35	1.32	0.17	1.33	1.14	1.26	1.37	1.11	0.73	0.73	0.72	1.37	0.04	3.1%
NC_1232	45	4536	0.44	0.41	0.07	0.41	0.29	0.44	0.41	0.44	0.35	0.32	0.32	0.44	0.03	7.1%
NC_1233	45	4542	2.16	2.12	0.31	2.18	1.61	1.87	2.19	2.20	1.70	1.50	1.55	2.20	0.01	0.7%
NC_1234	60	4565	1.74	1.75	0.33	1.77	1.15	1.46	1.68	1.77	1.38	1.22	1.27	1.77	0.00	0.0%
NC_1235	60	4565	1.31	1.29	0.18	1.32	0.83	0.96	1.12	1.32	1.24	1.06	0.98	1.32	0.00	0.1%
NC_1236	20	4444	0.30	0.29	0.06	0.32	0.23	0.32	0.30	0.28	0.18	0.19	0.18	0.32	0.00	0.0%
NC_1237	60	4565	1.76	1.76	0.20	1.78	1.23	1.49	1.57	1.78	1.71	1.44	1.29	1.78	0.00	0.2%
NC_1238	20	4435	0.49	0.48	0.07	0.49	0.39	0.49	0.50	0.46	0.32	0.30	0.31	0.50	0.01	1.8%
NC_1239	60	4565	2.23	2.19	0.28	2.26	1.66	2.00	2.14	2.26	2.03	1.73	1.63	2.26	0.00	-0.1%
NC_1240	60	4565	2.48	2.47	0.31	2.52	1.90	2.21	2.45	2.52	2.22	1.89	1.80	2.52	0.00	0.2%
NC_1241	20	4435	0.59	0.58	0.10	0.59	0.51	0.59	0.60	0.50	0.32	0.33	0.32	0.60	0.01	2.2%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_1242	20	4435	0.75	0.73	0.12	0.74	0.62	0.74	0.78	0.65	0.43	0.42	0.42	0.78	0.04	5.5%
NC_1243	20	4435	0.67	0.66	0.11	0.66	0.59	0.66	0.68	0.56	0.36	0.37	0.35	0.68	0.02	2.7%
NC_1244	20	4434	1.45	1.41	0.22	1.41	1.22	1.40	1.51	1.24	0.82	0.81	0.80	1.51	0.10	6.8%
NC_1245	20	4435	0.60	0.60	0.10	0.61	0.55	0.61	0.63	0.51	0.32	0.34	0.32	0.63	0.02	2.5%
NC_1246	15	4409	0.45	0.45	0.05	0.45	0.45	0.45	0.47	0.35	0.22	0.25	0.21	0.47	0.02	3.8%
NC_1247	15	4410	0.67	0.66	0.07	0.66	0.63	0.65	0.68	0.52	0.32	0.36	0.32	0.68	0.02	3.3%
NC_1248	20	4434	0.94	0.93	0.14	0.93	0.79	0.93	0.95	0.80	0.52	0.51	0.51	0.95	0.02	2.2%
NC_1249	60	4565	0.42	0.42	0.08	0.43	0.23	0.33	0.36	0.43	0.35	0.30	0.31	0.43	0.00	-0.7%
NC_1250	45	4536	2.12	2.09	0.31	2.15	1.58	1.86	2.15	2.14	1.66	1.47	1.52	2.15	0.00	-0.2%
NC_1251	45	4536	0.22	0.20	0.04	0.21	0.15	0.23	0.21	0.22	0.16	0.15	0.15	0.23	0.02	7.6%
NC_1252	45	4536	1.01	0.98	0.16	1.01	0.71	0.89	1.01	1.01	0.77	0.69	0.73	1.01	0.00	0.4%
NC_1253	60	4565	0.66	0.66	0.14	0.67	0.40	0.57	0.62	0.67	0.53	0.47	0.49	0.67	0.00	0.0%
NC_1254	45	4536	0.23	0.21	0.04	0.21	0.14	0.22	0.21	0.23	0.17	0.16	0.16	0.23	0.02	8.6%
NC_1255	60	4565	1.46	1.48	0.28	1.51	0.91	1.17	1.39	1.51	1.16	1.03	1.07	1.51	0.00	-0.1%
NC_1256	60	4565	1.90	1.91	0.32	1.98	1.08	1.34	1.68	1.98	1.62	1.43	1.42	1.98	0.00	-0.2%
NC_1257	60	4565	1.96	1.97	0.32	2.04	1.10	1.37	1.74	2.04	1.69	1.49	1.47	2.04	0.00	0.0%
NC_1258	20	4444	0.25	0.25	0.05	0.27	0.18	0.28	0.24	0.25	0.17	0.17	0.16	0.28	0.01	1.9%
NC_1259	60	4565	5.19	5.22	0.88	5.39	3.13	3.81	4.67	5.39	4.39	3.86	3.88	5.39	0.00	-0.1%
NC_1260	45	4536	0.35	0.33	0.06	0.34	0.25	0.37	0.34	0.35	0.25	0.25	0.24	0.37	0.03	9.1%
NC_1261	180	4659	104.82	105.67	8.26	107.41	39.13	48.76	77.93	88.29	97.48	102.45	107.41	107.41	0.00	0.0%
NC_1262	60	4565	0.39	0.38	0.07	0.40	0.19	0.28	0.33	0.40	0.33	0.28	0.29	0.40	0.00	-0.3%
NC_1263	15	4410	1.09	1.08	0.10	1.08	1.07	1.02	1.08	0.90	0.72	0.67	0.63	1.08	0.00	0.3%
NC_1264	60	4565	0.85	0.85	0.17	0.87	0.49	0.65	0.77	0.87	0.69	0.60	0.63	0.87	0.00	0.3%
NC_1265	60	4565	1.18	1.19	0.23	1.21	0.76	0.96	1.12	1.21	0.93	0.82	0.87	1.21	0.00	-0.3%
NC_1266	60	4565	2.21	2.23	0.41	2.29	1.29	1.65	2.02	2.29	1.80	1.59	1.63	2.29	0.00	0.0%
NC_1267	20	4444	0.25	0.25	0.05	0.27	0.18	0.27	0.24	0.25	0.17	0.17	0.17	0.27	0.00	1.5%
NC_1268	20	4444	0.29	0.28	0.06	0.31	0.23	0.31	0.29	0.26	0.17	0.18	0.17	0.31	0.00	-0.6%
NC_1269	60	4565	2.33	2.35	0.42	2.41	1.34	1.69	2.13	2.41	1.93	1.70	1.73	2.41	0.00	0.1%
NC_1270	20	4435	0.61	0.60	0.10	0.63	0.46	0.63	0.62	0.59	0.41	0.40	0.40	0.63	0.00	0.2%
NC_1271	60	4565	2.29	2.30	0.38	2.38	1.36	1.70	2.02	2.38	1.97	1.73	1.73	2.38	0.00	0.2%
NC_1272	45	4536	0.10	0.09	0.02	0.10	0.07	0.10	0.10	0.10	0.07	0.07	0.07	0.10	0.00	2.0%
NC_1273	90	4594	3.68	3.74	0.53	3.94	1.53	2.05	3.24	3.68	3.94	3.47	3.34	3.94	0.00	0.0%
NC_1274	20	4436	1.15	1.14	0.11	1.17	0.99	1.06	1.22	1.07	0.74	0.67	0.72	1.22	0.05	4.4%
NC_1275	30	4509	2.03	2.05	0.12	2.06	1.54	1.68	2.07	2.11	1.51	1.37	1.37	2.11	0.05	2.2%
NC_1276	20	4435	0.72	0.71	0.11	0.71	0.63	0.71	0.73	0.60	0.39	0.39	0.38	0.73	0.02	2.4%
NC_1277	45	4536	0.72	0.69	0.11	0.71	0.48	0.65	0.71	0.72	0.55	0.49	0.51	0.72	0.01	1.3%
NC_1278	15	4412	5.58	5.63	0.39	5.64	5.03	4.72	5.67	4.26	2.77	2.96	2.74	5.67	0.03	0.5%
NC_1279	15	4412	8.14	8.24	0.37	8.30	7.54	6.88	8.56	6.77	4.36	4.45	4.34	8.56	0.26	3.1%
NC_1280	10	4376	1.27	1.28	0.06	1.29	1.19	1.12	1.24	0.90	0.56	0.64	0.55	1.24	-0.05	-4.0%
NC_1281	15	4409	0.53	0.54	0.05	0.54	0.54	0.49	0.54	0.38	0.23	0.28	0.23	0.54	0.00	-0.4%
NC_1282	15	4409	0.37	0.36	0.04	0.36	0.36	0.36	0.38	0.28	0.17	0.20	0.17	0.38	0.02	5.0%
NC_1283	15	4411	5.36	5.43	0.41	5.48	4.80	4.66	5.41	4.08	2.63	2.82	2.60	5.41	-0.07	-1.3%
NC_1284	10	4376	0.86	0.87	0.04	0.88	0.82	0.78	0.86	0.62	0.38	0.45	0.38	0.86	-0.02	-2.5%
NC_1285	15	4409	0.44	0.44	0.05	0.44	0.44	0.44	0.46	0.35	0.21	0.25	0.21	0.46	0.02	4.1%
NC_1286	15	4409	0.37	0.36	0.04	0.37	0.37	0.37	0.38	0.28	0.17	0.20	0.17	0.38	0.01	3.0%
NC_1287	20	4435	0.34	0.34	0.06	0.35	0.32	0.35	0.35	0.27	0.17	0.19	0.17	0.35	0.00	0.3%
NC_1288	15	4412	1.11	1.10	0.11	1.11	1.04	1.04	1.12	0.85	0.54	0.59	0.53	1.12	0.01	0.7%
NC_1289	15	4409	0.34	0.33	0.04	0.33	0.33	0.34	0.35	0.27	0.16	0.19	0.16	0.35	0.02	6.4%
NC_1290	20	4435	0.63	0.62	0.11	0.63	0.53	0.63	0.64	0.53	0.34	0.35	0.34	0.64	0.01	1.0%
NC_1291	20	4435	0.39	0.39	0.07	0.40	0.37	0.40	0.40	0.32	0.20	0.22	0.20	0.40	0.00	0.8%
NC_1292	20	4435	0.42	0.41	0.08	0.44	0.34	0.44	0.43	0.38	0.25	0.26	0.24	0.44	0.00	0.2%
NC_1293	20	4435	0.66	0.64	0.11	0.68	0.54	0.68	0.66	0.60	0.40	0.40	0.39	0.68	0.00	-0.6%
NC_1294	20	4436	0.96	0.94	0.12	0.94	0.79	0.94	0.99	0.89	0.63	0.58	0.61	0.99	0.05	5.5%
NC_1295	20	4435	0.31	0.31	0.06	0.32	0.28	0.32	0.32	0.26	0.17	0.18	0.16	0.32	0.00	1.3%
NC_1296	20	4436	2.43	2.36	0.30	2.41	2.00	2.27	2.57	2.18	1.49	1.40	1.46	2.57	0.16	6.6%
NC_1297	30	4513	3.40	3.40	0.28	3.41	2.59	2.85	3.47	3.53	2.57	2.31	2.36	3.53	0.12	3.5%
NC_1298	15	4409	0.38	0.37	0.04	0.38	0.38	0.37	0.39	0.29	0.18	0.21	0.17	0.39	0.01	2.6%
NC_1299	20	4435	0.34	0.35	0.06	0.35	0.33	0.35	0.36	0.28	0.17	0.19	0.17	0.36	0.01	2.0%
NC_1300	20	4435	0.37	0.37	0.07	0.38	0.35	0.38	0.39	0.30	0.19	0.21	0.19	0.39	0.01	1.6%
NC_1301	90	4597	14.73	14.79	2.10	15.65	8.11	9.40	13.04	15.67	15.97	14.22	13.15	15.97	0.32	2.0%
NC_1302	15	4409	0.38	0.38	0.04	0.38	0.38	0.38	0.40	0.30	0.18	0.21	0.18	0.40	0.02	4.5%
NC_1303	20	4436	0.50	0.49	0.06	0.49	0.41	0.49	0.51	0.46	0.31	0.29	0.30	0.51	0.02	4.9%
NC_1304	30	4513	3.08	3.08	0.31	3.09	2.46	2.68	3.20	3.17	2.27	2.04	2.12	3.20	0.11	3.5%
NC_1305	15	4409	0.37	0.36	0.04	0.36	0.36	0.38	0.39	0.30	0.18	0.21	0.18	0.39	0.03	7.5%
NC_1306	20	4434	0.65	0.65	0.10	0.66	0.59	0.64	0.67	0.53	0.34	0.36	0.33	0.67	0.01	0.9%
NC_1307	20	4434	0.99	0.97	0.14	0.97	0.85	0.96	1.02	0.84	0.55	0.55	0.54	1.02	0.05	4.9%
NC_1308	15	4409	0.35	0.34	0.04	0.35	0.35	0.35	0.37	0.28	0.17	0.20	0.17	0.37	0.02	4.3%
NC_1309	20	4434	0.61	0.61	0.10	0.62	0.56	0.60	0.62	0.48	0.30	0.33	0.30	0.62	0.00	0.2%
NC_1310	20	4436	3.25	3.22	0.36	3.32	2.78	2.95	3.51	2.94	2.02	1.89	1.97	3.51	0.19	5.8%
NC_1311	20	4436	2.45	2.38	0.30	2.44	2.02	2.29	2.60	2.21	1.51	1.42	1.48	2.60	0.16	6.5%
NC_1312	20	4435	0.69	0.67	0.10	0.69	0.56	0.69	0.69	0.60	0.39	0.39	0.38	0.69	0.00	0.1%
NC_1313	20	4435	0.84	0.83	0.13	0.83	0.72	0.83	0.85	0.70	0.45	0.45	0.45	0.85	0.02	2.0%
NC_1314	15	4409	0.36	0.35	0.04	0.35	0.35	0.36	0.37	0.28	0.17	0.20	0.17	0.37	0.02	6.6%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_1315	20	4435	0.37	0.37	0.07	0.38	0.35	0.38	0.38	0.30	0.19	0.21	0.19	0.38	0.00	0.5%
NC_1316	20	4435	0.37	0.37	0.07	0.38	0.35	0.38	0.38	0.31	0.20	0.21	0.19	0.38	0.00	1.1%
NC_1317	20	4435	1.33	1.28	0.19	1.30	1.06	1.30	1.37	1.18	0.80	0.76	0.78	1.37	0.06	5.0%
NC_1318	15	4409	0.42	0.41	0.05	0.41	0.41	0.42	0.43	0.34	0.21	0.23	0.21	0.43	0.02	5.9%
NC_1319	60	4573	4.39	4.39	0.04	4.39	2.80	3.15	4.20	4.43	4.35	4.42	3.89	4.43	0.04	0.9%
NC_1320	20	4434	0.74	0.73	0.11	0.74	0.66	0.72	0.75	0.60	0.38	0.40	0.37	0.75	0.01	1.5%
NC_1321	30	4509	3.58	3.61	0.19	3.63	2.76	3.02	3.65	3.76	2.85	2.57	2.52	3.76	0.13	3.6%
NC_1322	30	4509	3.56	3.59	0.18	3.61	2.71	2.98	3.65	3.77	2.87	2.61	2.54	3.77	0.16	4.5%
NC_1323	20	4444	0.20	0.20	0.04	0.22	0.16	0.22	0.20	0.18	0.12	0.13	0.12	0.22	0.00	-0.5%
NC_1324	60	4568	11.34	11.65	1.07	11.82	7.44	8.61	10.96	12.00	10.63	9.32	8.53	12.00	0.18	1.5%
NC_1325	45	4478	3.39	3.28	0.40	3.29	2.45	2.89	3.28	3.53	2.83	2.50	2.49	3.53	0.24	7.1%
NC_1326	20	4444	0.22	0.22	0.04	0.24	0.16	0.24	0.22	0.21	0.14	0.15	0.13	0.24	0.00	0.8%
NC_1327	60	4565	3.39	3.48	0.38	3.54	2.17	2.52	3.14	3.54	3.13	2.72	2.53	3.54	0.00	0.1%
NC_1328	20	4436	0.52	0.50	0.07	0.50	0.43	0.50	0.53	0.45	0.30	0.29	0.30	0.53	0.03	5.4%
NC_1329	20	4435	0.36	0.36	0.07	0.38	0.31	0.38	0.37	0.32	0.21	0.22	0.21	0.38	0.00	0.5%
NC_1330	45	4541	1.49	1.42	0.19	1.42	1.04	1.24	1.40	1.56	1.24	1.09	1.10	1.56	0.14	9.6%
NC_1331	45	4478	0.44	0.42	0.07	0.43	0.31	0.40	0.43	0.44	0.34	0.30	0.32	0.44	0.01	1.4%
NC_1332	20	4444	0.33	0.33	0.06	0.36	0.24	0.36	0.32	0.33	0.23	0.23	0.22	0.36	0.00	0.0%
NC_1333	60	4565	2.53	2.54	0.31	2.63	1.80	2.06	2.31	2.64	2.31	2.00	1.86	2.64	0.00	0.2%
NC_1334	60	4565	1.81	1.81	0.27	1.87	1.08	1.31	1.60	1.87	1.62	1.42	1.35	1.87	0.00	0.2%
NC_1335	45	4542	2.70	2.64	0.39	2.73	2.18	2.48	2.81	2.69	2.07	1.85	1.93	2.81	0.08	2.7%
NC_1336	20	4436	1.96	1.95	0.19	2.00	1.68	1.78	2.11	1.89	1.43	1.28	1.33	2.11	0.11	5.4%
NC_1337	45	4542	4.34	4.18	0.61	4.33	3.64	3.94	4.60	4.37	3.24	2.89	3.03	4.60	0.27	6.3%
NC_1338	20	4435	0.91	0.89	0.15	0.93	0.74	0.93	0.91	0.83	0.56	0.55	0.55	0.93	0.00	-0.2%
NC_1339	60	4565	0.46	0.46	0.09	0.47	0.27	0.38	0.40	0.47	0.40	0.34	0.35	0.47	0.00	0.4%
NC_1340	20	4435	0.31	0.31	0.06	0.33	0.27	0.33	0.32	0.27	0.17	0.19	0.17	0.33	0.00	-1.2%
NC_1341	20	4435	0.69	0.68	0.10	0.71	0.54	0.71	0.69	0.69	0.52	0.49	0.48	0.71	0.00	0.3%
NC_1342	45	4539	0.35	0.34	0.05	0.34	0.23	0.33	0.33	0.35	0.28	0.26	0.26	0.35	0.01	3.5%
NC_1343	45	4542	1.34	1.30	0.20	1.36	1.06	1.32	1.38	1.33	1.02	0.93	0.95	1.38	0.02	1.4%
NC_1344	20	4435	0.42	0.41	0.08	0.45	0.31	0.45	0.40	0.41	0.29	0.29	0.28	0.45	0.00	-0.9%
NC_1345	45	4536	0.22	0.21	0.04	0.21	0.16	0.24	0.21	0.22	0.16	0.16	0.15	0.24	0.03	12.9%
NC_1346	20	4444	0.27	0.27	0.05	0.29	0.20	0.30	0.27	0.26	0.17	0.18	0.17	0.30	0.01	2.1%
NC_1347	45	4542	1.41	1.34	0.24	1.41	1.07	1.44	1.45	1.40	1.01	0.95	0.96	1.45	0.04	3.0%
NC_1348	20	4435	0.32	0.32	0.06	0.33	0.30	0.33	0.33	0.26	0.16	0.18	0.16	0.33	0.00	0.9%
NC_1349	20	4435	0.95	0.93	0.15	0.95	0.77	0.95	0.95	0.84	0.56	0.55	0.54	0.95	0.00	-0.1%
NC_1350	20	4436	4.73	4.71	0.48	4.85	3.99	4.33	5.17	4.62	3.31	2.98	3.19	5.17	0.32	6.6%
NC_1351	20	4435	0.66	0.65	0.11	0.67	0.55	0.67	0.66	0.57	0.37	0.37	0.37	0.67	0.00	-0.6%
NC_1352	20	4435	0.40	0.40	0.07	0.41	0.38	0.41	0.42	0.33	0.21	0.23	0.21	0.42	0.01	1.7%
NC_1353	20	4435	0.33	0.34	0.07	0.35	0.31	0.35	0.35	0.29	0.18	0.20	0.18	0.35	0.00	0.3%
NC_1354	20	4435	0.96	0.93	0.15	0.96	0.76	0.96	0.95	0.85	0.57	0.56	0.56	0.96	-0.01	-0.5%
NC_1355	20	4435	0.64	0.63	0.11	0.65	0.54	0.65	0.65	0.55	0.36	0.36	0.35	0.65	0.00	-0.5%
NC_1356	45	4542	4.94	4.64	0.80	4.78	4.24	4.45	5.43	4.91	3.53	3.17	3.37	5.43	0.65	13.5%
NC_1357	15	4409	0.23	0.23	0.03	0.23	0.23	0.23	0.24	0.18	0.11	0.13	0.11	0.24	0.01	5.2%
NC_1358	20	4436	1.31	1.27	0.16	1.30	1.09	1.24	1.37	1.19	0.82	0.74	0.80	1.37	0.06	5.0%
NC_1359	20	4435	0.37	0.38	0.07	0.38	0.36	0.38	0.39	0.31	0.19	0.21	0.19	0.39	0.01	2.4%
NC_1360	20	4435	0.66	0.65	0.11	0.66	0.57	0.66	0.67	0.56	0.37	0.37	0.36	0.67	0.01	2.0%
NC_1361	120	4623	2.20	2.16	0.19	2.17	0.97	1.27	1.92	2.15	2.32	2.15	2.08	2.32	0.15	7.1%
NC_1362	20	4436	1.52	1.47	0.19	1.50	1.25	1.43	1.60	1.38	0.95	0.88	0.93	1.60	0.10	6.3%
NC_1363	20	4435	1.28	1.23	0.19	1.26	1.01	1.26	1.30	1.13	0.77	0.73	0.75	1.30	0.04	2.9%
NC_1364	20	4435	0.56	0.55	0.09	0.56	0.48	0.56	0.57	0.46	0.30	0.31	0.29	0.57	0.01	1.1%
NC_1365	20	4436	3.38	3.35	0.36	3.45	2.88	3.08	3.64	3.10	2.15	1.97	2.09	3.64	0.19	5.6%
NC_1366	20	4436	2.08	2.01	0.26	2.06	1.72	1.97	2.18	1.88	1.29	1.19	1.26	2.18	0.12	5.9%
NC_1367	20	4435	1.01	0.97	0.14	0.98	0.81	0.98	1.03	0.88	0.60	0.56	0.58	1.03	0.05	5.3%
NC_1368	60	4565	1.52	1.49	0.21	1.53	1.14	1.40	1.47	1.53	1.32	1.15	1.12	1.53	0.00	-0.1%
NC_1369	15	4409	0.34	0.33	0.04	0.33	0.33	0.34	0.35	0.27	0.17	0.19	0.16	0.35	0.02	6.4%
NC_1370	20	4435	0.73	0.71	0.12	0.73	0.61	0.73	0.73	0.64	0.42	0.42	0.41	0.73	0.00	0.3%
NC_1371	180	4659	15.20	15.20	2.65	15.26	4.38	5.12	8.68	10.77	13.93	15.08	15.26	15.26	0.00	0.0%
NC_1372	20	4435	0.76	0.74	0.12	0.76	0.64	0.76	0.78	0.67	0.45	0.44	0.44	0.78	0.02	2.6%
NC_1373	180	4659	12.07	11.76	2.25	11.89	2.55	3.43	7.18	8.95	11.59	12.05	11.89	12.05	0.16	1.3%
NC_1374	15	4409	0.23	0.22	0.03	0.22	0.22	0.23	0.24	0.18	0.11	0.13	0.11	0.24	0.02	8.2%
NC_1375	20	4435	0.44	0.43	0.08	0.46	0.37	0.46	0.45	0.39	0.26	0.26	0.25	0.46	0.00	-0.4%
NC_1376	20	4435	0.87	0.85	0.14	0.86	0.73	0.86	0.88	0.76	0.51	0.49	0.49	0.88	0.02	2.8%
NC_1377	45	4536	0.32	0.30	0.05	0.31	0.22	0.33	0.31	0.33	0.24	0.23	0.23	0.33	0.02	7.1%
NC_1378	20	4444	0.27	0.27	0.05	0.29	0.20	0.29	0.26	0.26	0.18	0.18	0.17	0.29	0.00	0.7%
NC_1379	45	4536	1.30	1.28	0.18	1.31	1.01	1.17	1.31	1.31	1.05	0.92	0.94	1.31	0.00	0.2%
NC_1380	20	4436	1.52	1.48	0.20	1.49	1.26	1.43	1.58	1.37	0.97	0.90	0.93	1.58	0.09	6.1%
NC_1381	20	4444	0.29	0.29	0.06	0.32	0.22	0.32	0.28	0.29	0.20	0.20	0.19	0.32	0.00	-0.3%
NC_1382	20	4435	0.47	0.48	0.09	0.49	0.44	0.49	0.49	0.40	0.25	0.27	0.25	0.49	0.00	0.0%
NC_1383	20	4436	0.87	0.85	0.10	0.86	0.72	0.84	0.91	0.82	0.58	0.53	0.56	0.91	0.05	5.3%
NC_1384	20	4435	0.64	0.63	0.11	0.65	0.53	0.65	0.65	0.56	0.37	0.37	0.36	0.65	0.00	-0.3%
NC_1385	15	4409	0.41	0.41	0.04	0.42	0.42	0.40	0.42	0.31	0.19	0.23	0.18	0.42	0.00	0.7%
NC_1386	90	4594	9.09	9.31	1.33	9.80	4.35	5.20	8.01	9.01	9.80	8.73	8.13	9.80	0.00	0.0%
NC_1387	20	4436	0.95	0.94	0.11	0.94	0.80	0.93	0.98	0.92	0.68	0.62	0.63	0.98	0.04	3.9%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_1388	60	4565	1.14	1.15	0.15	1.20	0.77	0.90	1.04	1.20	1.02	0.89	0.84	1.20	0.00	-0.3%
NC_1389	20	4435	0.30	0.30	0.06	0.32	0.26	0.32	0.31	0.27	0.17	0.19	0.17	0.32	0.00	1.3%
NC_1390	20	4435	1.19	1.16	0.19	1.18	0.99	1.18	1.20	1.03	0.68	0.66	0.67	1.20	0.02	1.8%
NC_1391	20	4435	0.38	0.38	0.07	0.39	0.35	0.39	0.39	0.32	0.20	0.22	0.20	0.39	0.00	0.5%
NC_1392	20	4435	0.56	0.56	0.10	0.57	0.49	0.57	0.58	0.48	0.31	0.31	0.30	0.58	0.01	0.9%
NC_1393	90	4594	12.83	13.11	1.87	13.82	7.07	8.36	11.85	13.05	13.82	12.19	11.39	13.82	0.00	0.0%
NC_1394	60	4569	3.65	3.74	0.38	3.75	2.56	2.87	3.58	3.80	3.52	2.97	2.74	3.80	0.05	1.4%
NC_1395	60	4565	3.67	3.74	0.40	3.79	2.68	2.96	3.61	3.79	3.51	2.93	2.70	3.79	0.00	0.1%
NC_1396	45	4539	0.78	0.75	0.11	0.76	0.57	0.69	0.77	0.80	0.62	0.54	0.58	0.80	0.04	5.1%
NC_1397	15	4409	0.42	0.41	0.05	0.41	0.41	0.43	0.44	0.34	0.21	0.24	0.21	0.44	0.03	7.8%
NC_1398	20	4436	0.99	0.98	0.10	1.01	0.86	0.93	1.04	0.90	0.60	0.56	0.60	1.04	0.03	2.8%
NC_1399	15	4409	0.37	0.36	0.04	0.36	0.36	0.38	0.39	0.30	0.19	0.21	0.18	0.39	0.03	7.2%
NC_1400	20	4435	0.34	0.34	0.07	0.36	0.31	0.36	0.35	0.29	0.18	0.20	0.18	0.36	0.00	-1.1%
NC_1401	15	4410	0.53	0.53	0.05	0.54	0.46	0.49	0.54	0.42	0.27	0.29	0.26	0.54	0.00	0.6%
NC_1402	15	4410	0.03	0.03	0.00	0.03	0.03	0.03	0.03	0.02	0.01	0.01	0.01	0.03	0.00	0.0%
NC_1403	20	4435	0.51	0.50	0.07	0.51	0.41	0.51	0.50	0.48	0.34	0.33	0.33	0.51	0.00	0.2%
NC_1404	20	4434	0.84	0.82	0.11	0.82	0.72	0.81	0.86	0.75	0.52	0.49	0.50	0.86	0.04	4.6%
NC_1405	30	4513	1.08	1.08	0.11	1.09	0.89	1.04	1.12	1.09	0.73	0.70	0.71	1.12	0.02	2.3%
NC_1406	15	4409	0.03	0.03	0.00	0.03	0.03	0.03	0.03	0.02	0.01	0.02	0.01	0.03	0.00	0.0%
NC_1407	20	4444	0.11	0.11	0.03	0.12	0.08	0.13	0.12	0.10	0.06	0.07	0.06	0.13	0.01	4.2%
NC_1408	20	4435	0.87	0.85	0.14	0.87	0.70	0.87	0.88	0.77	0.52	0.50	0.51	0.88	0.01	0.8%
NC_1409	20	4435	0.47	0.48	0.09	0.49	0.43	0.49	0.49	0.41	0.27	0.28	0.26	0.49	0.00	0.8%
NC_1410	15	4409	0.39	0.39	0.04	0.39	0.39	0.39	0.41	0.30	0.19	0.22	0.18	0.41	0.02	4.1%
NC_1411	15	4412	0.80	0.79	0.09	0.79	0.77	0.79	0.83	0.65	0.41	0.44	0.40	0.83	0.03	4.4%
NC_1412	20	4436	0.90	0.91	0.08	0.94	0.79	0.82	0.97	0.82	0.56	0.52	0.55	0.97	0.03	3.0%
NC_1413	15	4409	0.17	0.17	0.02	0.17	0.17	0.17	0.18	0.13	0.08	0.10	0.08	0.18	0.01	5.3%
NC_1414	15	4409	0.43	0.43	0.05	0.44	0.44	0.41	0.44	0.32	0.19	0.23	0.19	0.44	0.00	0.0%
NC_1415	20	4440	2.16	2.18	0.13	2.21	1.95	1.98	2.29	2.02	1.37	1.24	1.32	2.29	0.08	3.6%
NC_1416	20	4434	1.00	0.98	0.12	0.99	0.87	0.94	1.04	0.88	0.61	0.57	0.59	1.04	0.04	4.5%
NC_1417	20	4436	1.54	1.54	0.13	1.58	1.37	1.42	1.62	1.39	0.96	0.86	0.93	1.62	0.04	2.4%
NC_1418	15	4409	0.46	0.46	0.04	0.47	0.47	0.42	0.46	0.32	0.20	0.24	0.19	0.47	0.00	-0.6%
NC_1419	30	4509	2.18	2.20	0.18	2.22	1.89	1.93	2.28	2.15	1.46	1.33	1.36	2.28	0.06	2.6%
NC_1420	30	4509	4.34	4.36	0.46	4.37	3.83	4.03	4.64	4.27	2.88	2.65	2.74	4.64	0.27	6.3%
NC_1421	180	4658	22.74	22.46	3.19	22.72	11.91	14.48	21.60	23.74	23.55	23.25	22.20	23.74	1.02	4.5%
NC_1422	10	4376	0.94	0.95	0.05	0.96	0.90	0.81	0.91	0.65	0.40	0.47	0.38	0.91	-0.05	-5.0%
NC_1423	15	4410	2.68	2.71	0.22	2.76	2.37	2.44	2.74	2.23	1.49	1.45	1.46	2.74	-0.02	-0.9%
NC_1424	20	4444	0.24	0.24	0.05	0.26	0.18	0.26	0.23	0.24	0.16	0.17	0.16	0.26	0.00	1.5%
NC_1425	90	4594	16.15	16.35	1.97	17.07	8.16	9.89	14.83	16.42	17.07	16.31	15.57	17.07	0.00	0.0%
NC_1426	20	4435	0.99	0.96	0.14	0.97	0.79	0.97	0.99	0.89	0.60	0.57	0.59	0.99	0.02	2.1%
NC_1427	15	4410	2.14	2.17	0.18	2.21	1.88	1.89	2.16	1.63	1.05	1.12	1.04	2.16	-0.05	-2.4%
NC_1428	10	4376	1.14	1.16	0.05	1.16	1.07	0.98	1.11	0.79	0.49	0.57	0.48	1.11	-0.05	-4.6%
NC_1429	15	4410	0.88	0.88	0.08	0.89	0.88	0.78	0.86	0.60	0.38	0.45	0.36	0.88	-0.01	-0.7%
NC_1430	15	4410	0.90	0.89	0.09	0.89	0.88	0.83	0.90	0.66	0.40	0.47	0.40	0.90	0.01	0.9%
NC_1431	10	4376	1.04	1.05	0.05	1.06	1.00	0.91	1.02	0.72	0.45	0.52	0.44	1.02	-0.04	-4.1%
NC_1432	15	4410	1.44	1.44	0.13	1.46	1.27	1.34	1.47	1.14	0.73	0.77	0.72	1.47	0.01	0.5%
NC_1433	15	4412	5.21	5.24	0.33	5.26	4.64	4.47	5.39	4.22	2.76	2.83	2.74	5.39	0.13	2.4%
NC_1434	20	4440	8.22	8.24	0.72	8.40	7.46	7.25	8.75	7.27	4.89	4.62	4.79	8.75	0.35	4.2%
NC_1435	20	4436	1.71	1.72	0.14	1.77	1.52	1.57	1.82	1.55	1.04	0.97	1.03	1.82	0.04	2.5%
NC_1436	20	4435	0.42	0.41	0.08	0.45	0.34	0.45	0.42	0.39	0.26	0.27	0.25	0.45	-0.01	-1.1%
NC_1437	15	4409	0.40	0.40	0.05	0.40	0.40	0.40	0.42	0.31	0.19	0.22	0.19	0.42	0.02	4.2%
NC_1438	15	4410	0.91	0.91	0.09	0.91	0.90	0.86	0.92	0.68	0.42	0.49	0.42	0.92	0.01	1.0%
NC_1439	45	4536	0.22	0.20	0.04	0.21	0.15	0.22	0.21	0.22	0.16	0.16	0.15	0.22	0.01	6.7%
NC_1440	15	4410	1.23	1.22	0.12	1.24	1.09	1.15	1.26	0.99	0.64	0.66	0.63	1.26	0.01	1.2%
NC_1441	15	4409	0.40	0.39	0.04	0.40	0.40	0.38	0.40	0.29	0.18	0.21	0.17	0.40	0.00	0.8%
NC_1442	20	4434	0.68	0.68	0.11	0.69	0.63	0.67	0.70	0.55	0.35	0.38	0.34	0.70	0.01	1.6%
NC_1443	20	4440	7.04	7.05	0.55	7.18	6.27	6.25	7.64	6.64	4.56	4.10	4.42	7.64	0.46	6.4%
NC_1444	15	4409	0.38	0.38	0.04	0.38	0.38	0.37	0.39	0.28	0.17	0.21	0.17	0.39	0.01	2.6%
NC_1445	15	4409	0.41	0.40	0.05	0.40	0.40	0.40	0.42	0.31	0.19	0.22	0.19	0.42	0.02	4.2%
NC_1446	20	4440	3.25	3.26	0.26	3.31	2.93	2.87	3.52	3.13	2.30	2.04	2.15	3.52	0.21	6.5%
NC_1447	15	4409	0.37	0.36	0.04	0.36	0.36	0.36	0.38	0.28	0.17	0.20	0.17	0.38	0.02	5.3%
NC_1448	120	4626	15.44	15.90	1.50	16.04	9.02	10.70	14.33	16.09	16.32	16.04	15.17	16.32	0.28	1.7%
NC_1449	15	4412	1.10	1.08	0.11	1.08	0.99	1.05	1.12	0.87	0.55	0.59	0.55	1.12	0.04	3.3%
NC_1450	15	4409	0.48	0.48	0.05	0.48	0.48	0.46	0.49	0.36	0.22	0.26	0.21	0.49	0.01	1.7%
NC_1451	15	4409	0.45	0.44	0.05	0.44	0.44	0.46	0.47	0.37	0.23	0.25	0.23	0.47	0.03	7.3%
NC_1452	15	4409	0.41	0.40	0.05	0.40	0.40	0.42	0.43	0.33	0.21	0.23	0.21	0.43	0.03	7.5%
NC_1453	15	4409	0.39	0.38	0.04	0.39	0.39	0.39	0.40	0.30	0.19	0.22	0.18	0.40	0.01	3.3%
NC_1454	20	4434	1.11	1.10	0.16	1.12	0.99	1.07	1.12	0.90	0.57	0.59	0.56	1.12	0.00	0.1%
NC_1455	60	4565	1.01	1.00	0.17	1.03	0.56	0.77	0.82	1.03	0.92	0.80	0.77	1.03	0.00	0.3%
NC_1456	20	4435	0.30	0.29	0.06	0.32	0.24	0.32	0.30	0.27	0.17	0.19	0.17	0.32	0.00	-0.9%
NC_1457	60	4565	0.32	0.32	0.06	0.32	0.19	0.29	0.29	0.32	0.26	0.23	0.24	0.32	0.00	-0.3%
NC_1458	20	4434	0.75	0.75	0.12	0.76	0.72	0.75	0.77	0.61	0.39	0.42	0.38	0.77	0.01	1.6%
NC_1459	45	4536	0.24	0.22	0.04	0.23	0.16	0.25	0.23	0.24	0.17	0.17	0.16	0.25	0.02	7.8%
NC_1460	60	4565	0.82	0.82	0.14	0.85	0.55	0.68	0.74	0.85	0.70	0.62	0.62	0.85	0.00	0.5%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_1461	45	4539	1.07	1.04	0.14	1.05	0.80	0.97	1.03	1.08	0.89	0.77	0.79	1.08	0.03	2.9%
NC_1462	45	4536	1.21	1.20	0.16	1.21	0.94	1.11	1.21	1.22	1.00	0.88	0.89	1.22	0.01	0.9%
NC_1463	20	4436	3.63	3.56	0.38	3.60	3.02	3.52	3.78	3.50	2.59	2.37	2.37	3.78	0.18	5.0%
NC_1464	20	4435	0.36	0.36	0.07	0.37	0.34	0.37	0.38	0.29	0.18	0.20	0.18	0.38	0.01	1.4%
NC_1465	30	4509	5.57	5.54	0.75	5.57	4.84	4.95	6.05	5.59	4.15	3.68	3.84	6.05	0.48	8.7%
NC_1466	15	4409	0.38	0.37	0.04	0.38	0.38	0.39	0.40	0.30	0.19	0.21	0.18	0.40	0.02	4.7%
NC_1467	20	4435	0.34	0.35	0.06	0.35	0.33	0.35	0.36	0.28	0.17	0.19	0.17	0.36	0.01	2.3%
NC_1468	20	4435	0.36	0.37	0.07	0.37	0.35	0.37	0.38	0.30	0.19	0.21	0.18	0.38	0.01	2.7%
NC_1469	20	4434	0.85	0.84	0.13	0.85	0.75	0.83	0.86	0.69	0.44	0.46	0.44	0.86	0.01	0.8%
NC_1470	15	4409	0.38	0.37	0.04	0.37	0.37	0.38	0.39	0.30	0.19	0.21	0.18	0.39	0.02	5.9%
NC_1471	20	4434	0.89	0.88	0.13	0.89	0.79	0.88	0.91	0.73	0.47	0.48	0.46	0.91	0.02	1.8%
NC_1472	15	4409	0.34	0.34	0.04	0.34	0.34	0.35	0.36	0.27	0.17	0.19	0.17	0.36	0.02	5.9%
NC_1473	15	4409	0.36	0.36	0.04	0.36	0.36	0.36	0.38	0.28	0.17	0.20	0.17	0.38	0.02	4.4%
NC_1474	15	4409	0.39	0.38	0.04	0.38	0.38	0.38	0.40	0.29	0.18	0.21	0.18	0.40	0.02	4.5%
NC_1475	20	4435	0.58	0.58	0.10	0.59	0.54	0.59	0.60	0.48	0.31	0.33	0.30	0.60	0.01	1.2%
NC_1476	15	4409	0.24	0.24	0.03	0.25	0.25	0.24	0.25	0.18	0.11	0.13	0.11	0.25	0.00	0.4%
NC_1477	20	4435	0.64	0.63	0.11	0.65	0.54	0.65	0.65	0.55	0.36	0.36	0.35	0.65	0.00	0.0%
NC_1478	180	4667	10.40	10.46	0.45	10.52	4.69	5.56	7.76	8.46	9.30	10.35	10.85	10.85	0.33	3.1%
NC_1479	60	4565	0.71	0.70	0.14	0.72	0.36	0.55	0.58	0.72	0.64	0.55	0.54	0.72	-0.01	-0.7%
NC_1480	60	4565	2.01	1.96	0.35	2.04	0.82	1.24	1.60	2.04	1.85	1.59	1.53	2.04	0.00	0.1%
NC_1481	60	4565	2.39	2.33	0.41	2.41	0.95	1.43	1.90	2.41	2.23	1.91	1.82	2.41	0.00	0.1%
NC_1482	60	4565	6.98	7.04	1.14	7.23	4.08	5.04	6.30	7.23	6.02	5.28	5.24	7.23	0.00	0.0%
NC_1483	60	4565	1.31	1.33	0.25	1.36	0.75	0.98	1.20	1.36	1.06	0.94	0.97	1.36	0.00	0.1%
NC_1484	60	4565	0.32	0.31	0.06	0.31	0.19	0.28	0.29	0.31	0.26	0.23	0.24	0.31	0.00	1.0%
NC_1485	45	4536	0.52	0.48	0.09	0.50	0.37	0.54	0.50	0.52	0.39	0.38	0.36	0.54	0.04	7.2%
NC_1486	60	4565	0.31	0.30	0.06	0.31	0.18	0.27	0.28	0.31	0.25	0.22	0.23	0.31	-0.01	-1.6%
NC_1487	30	4509	2.92	2.93	0.21	2.94	2.27	2.41	2.99	3.00	2.16	1.94	1.98	3.00	0.06	2.2%
NC_1488	45	4478	1.70	1.65	0.18	1.66	1.38	1.55	1.71	1.77	1.41	1.25	1.22	1.77	0.11	6.7%
NC_1489	90	4594	9.13	9.39	1.42	9.91	1.02	2.50	6.92	8.38	9.91	8.51	7.93	9.91	0.00	0.0%
NC_1490	60	4565	0.44	0.43	0.09	0.43	0.25	0.37	0.38	0.43	0.37	0.32	0.33	0.43	0.00	0.7%
NC_1491	20	4440	2.53	2.53	0.24	2.60	2.22	2.27	2.74	2.32	1.61	1.46	1.56	2.74	0.14	5.2%
NC_1492	15	4412	8.14	8.25	0.37	8.33	7.50	6.85	8.56	6.72	4.34	4.43	4.34	8.56	0.23	2.7%
NC_1493	60	4565	11.11	11.28	1.14	11.42	9.12	9.59	11.32	11.42	11.41	10.06	9.33	11.42	0.00	0.0%
NC_1494	20	4435	0.89	0.88	0.14	0.88	0.77	0.88	0.90	0.75	0.49	0.49	0.48	0.90	0.02	2.5%
NC_1495	15	4409	0.85	0.86	0.08	0.86	0.86	0.76	0.84	0.59	0.36	0.44	0.35	0.86	0.00	0.3%
NC_1496	20	4434	1.01	0.99	0.14	1.02	0.89	0.97	1.02	0.81	0.52	0.54	0.51	1.02	0.00	-0.3%
NC_1497	20	4434	1.55	1.51	0.20	1.53	1.30	1.45	1.57	1.28	0.84	0.83	0.83	1.57	0.04	2.4%
NC_1498	20	4444	0.23	0.23	0.05	0.25	0.18	0.25	0.23	0.22	0.14	0.15	0.14	0.25	0.00	1.2%
NC_1499	20	4435	0.32	0.32	0.06	0.33	0.30	0.33	0.34	0.27	0.17	0.18	0.17	0.34	0.01	1.5%
NC_1500	20	4436	2.29	2.24	0.26	2.30	1.90	2.16	2.44	2.16	1.54	1.40	1.48	2.44	0.14	6.0%
NC_1501	180	4663	17.48	18.22	2.59	18.46	9.14	10.46	12.69	14.10	15.06	16.46	17.97	17.97	-0.49	-2.6%
NC_1502	15	4409	0.31	0.30	0.03	0.31	0.31	0.30	0.32	0.23	0.14	0.17	0.14	0.32	0.01	1.6%
NC_1503	20	4435	1.40	1.35	0.20	1.37	1.13	1.37	1.42	1.24	0.84	0.79	0.82	1.42	0.05	3.5%
NC_1504	20	4444	0.25	0.25	0.05	0.27	0.22	0.27	0.26	0.22	0.14	0.15	0.14	0.27	0.00	-0.7%
NC_1505	15	4409	0.16	0.16	0.02	0.16	0.16	0.16	0.17	0.12	0.07	0.09	0.07	0.17	0.01	4.4%
NC_1506	20	4435	1.12	1.09	0.17	1.10	0.96	1.10	1.14	0.96	0.65	0.63	0.63	1.14	0.04	3.9%
NC_1507	20	4435	1.17	1.14	0.18	1.15	0.96	1.15	1.17	1.01	0.68	0.66	0.66	1.17	0.02	1.5%
NC_1508	20	4435	0.49	0.50	0.09	0.51	0.45	0.51	0.51	0.43	0.28	0.29	0.27	0.51	0.00	0.4%
NC_1509	20	4435	0.76	0.76	0.13	0.79	0.67	0.79	0.77	0.68	0.46	0.47	0.44	0.79	0.00	-0.5%
NC_1510	20	4436	1.91	1.86	0.23	1.90	1.58	1.78	2.01	1.75	1.24	1.13	1.19	2.01	0.11	6.0%
NC_1511	15	4409	0.45	0.44	0.05	0.44	0.44	0.45	0.47	0.36	0.22	0.25	0.22	0.47	0.03	6.1%
NC_1512	20	4435	0.84	0.82	0.13	0.83	0.70	0.83	0.84	0.71	0.46	0.46	0.45	0.84	0.01	1.6%
NC_1513	20	4435	0.96	0.93	0.15	0.96	0.75	0.96	0.95	0.86	0.59	0.56	0.57	0.96	-0.01	-0.5%
NC_1514	20	4435	0.50	0.50	0.09	0.52	0.45	0.52	0.51	0.44	0.29	0.30	0.28	0.52	0.00	-0.4%
NC_1515	20	4435	0.53	0.53	0.10	0.55	0.49	0.55	0.55	0.45	0.29	0.31	0.29	0.55	0.00	-0.2%
NC_1516	20	4435	0.68	0.69	0.12	0.70	0.64	0.70	0.71	0.58	0.38	0.40	0.37	0.71	0.01	0.7%
NC_1517	20	4435	0.98	0.96	0.15	0.97	0.83	0.97	1.00	0.85	0.57	0.55	0.55	1.00	0.03	2.9%
NC_1518	20	4435	0.34	0.34	0.07	0.36	0.30	0.36	0.35	0.30	0.19	0.21	0.19	0.36	0.00	-0.3%
NC_1519	20	4435	0.65	0.64	0.11	0.66	0.51	0.66	0.65	0.59	0.40	0.39	0.39	0.66	0.00	0.6%
NC_1520	60	4568	3.48	3.63	0.53	3.68	2.19	2.43	3.18	3.83	3.16	2.67	2.48	3.83	0.15	4.0%
NC_1521	20	4435	1.61	1.55	0.23	1.58	1.29	1.58	1.63	1.44	1.00	0.95	0.97	1.63	0.05	3.4%
NC_1522	20	4434	2.44	2.36	0.33	2.37	2.04	2.31	2.52	2.14	1.45	1.37	1.41	2.52	0.15	6.5%
NC_1523	20	4436	1.99	1.95	0.22	2.01	1.67	1.85	2.13	1.84	1.30	1.19	1.25	2.13	0.12	6.0%
NC_1524	20	4435	0.89	0.89	0.15	0.90	0.84	0.90	0.92	0.75	0.49	0.51	0.48	0.92	0.02	1.8%
NC_1525	60	4569	3.57	3.72	0.61	3.79	2.26	2.47	3.09	3.93	3.23	2.61	2.40	3.93	0.14	3.7%
NC_1526	30	4509	2.60	2.62	0.21	2.62	2.29	2.33	2.72	2.62	1.91	1.76	1.82	2.72	0.10	3.7%
NC_1527	15	4410	0.58	0.57	0.06	0.57	0.53	0.56	0.59	0.45	0.28	0.31	0.28	0.59	0.02	3.7%
NC_1528	15	4412	0.40	0.39	0.05	0.40	0.39	0.39	0.41	0.31	0.19	0.22	0.18	0.41	0.01	3.5%
NC_1529	20	4435	0.27	0.27	0.05	0.28	0.26	0.28	0.28	0.23	0.14	0.16	0.14	0.28	0.00	1.4%
NC_1530	60	4565	11.58	12.11	1.36	12.20	4.48	4.84	10.21	12.20	12.61	9.58	8.64	12.61	0.41	3.3%
NC_1531	20	4444	0.24	0.24	0.05	0.25	0.23	0.26	0.25	0.20	0.13	0.14	0.12	0.26	0.01	2.0%
NC_1532	180	4667	9.81	10.01	0.79	10.03	5.48	6.36	8.68	9.33	10.01	10.33	10.07	10.33	0.30	3.0%
NC_1533	180	4663	9.87	10.14	0.76	10.16	4.74	5.59	7.92	8.57	9.24	10.12	10.35	10.35	0.19	1.9%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_1534	45	4478	2.41	2.35	0.25	2.39	1.81	2.02	2.41	2.53	1.92	1.72	1.71	2.53	0.14	6.0%
NC_1535	20	4440	3.34	3.36	0.26	3.44	2.93	3.04	3.61	3.24	2.29	2.06	2.19	3.61	0.17	4.9%
NC_1536	15	4409	0.37	0.36	0.04	0.36	0.36	0.38	0.39	0.30	0.18	0.21	0.18	0.39	0.03	7.2%
NC_1537	30	4513	1.57	1.57	0.14	1.57	1.23	1.34	1.61	1.63	1.19	1.06	1.09	1.63	0.06	3.8%
NC_1538	15	4410	0.90	0.90	0.08	0.90	0.90	0.81	0.89	0.62	0.39	0.46	0.37	0.90	0.00	-0.1%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_1	180	4599	175.35	174.89	12.28	181.73	48.67	88.28	88.74	88.75	135.15	148.14	167.08	182.29	173.31	182.29	0.56	0.3%
NC_2	45	4528	0.78	0.77	0.09	0.78	0.37	0.70	0.73	0.72	0.78	0.67	0.69	0.44	0.58	0.78	0.00	0.3%
NC_3	20	4429	0.42	0.41	0.07	0.41	0.33	0.41	0.41	0.41	0.35	0.28	0.28	0.17	0.24	0.41	0.00	-0.5%
NC_4	45	4528	1.04	1.04	0.11	1.05	0.38	0.79	0.81	0.81	1.05	0.95	0.96	0.62	0.76	1.05	0.00	0.0%
NC_5	20	4399	6.08	5.96	0.57	5.98	5.48	5.20	6.08	5.78	5.03	3.82	4.17	2.40	3.48	6.08	0.10	1.7%
NC_6	20	4429	1.33	1.26	0.19	1.27	1.32	1.20	1.27	1.25	1.00	0.77	0.81	0.46	0.68	1.32	0.05	4.1%
NC_7	20	4433	1.09	1.02	0.18	1.02	1.08	1.02	1.02	1.02	0.82	0.65	0.67	0.38	0.55	1.08	0.06	5.6%
NC_8	20	4433	0.56	0.55	0.06	0.56	0.34	0.54	0.56	0.56	0.53	0.42	0.45	0.28	0.38	0.56	0.00	0.2%
NC_9	20	4399	1.86	1.84	0.16	1.84	1.58	1.71	1.86	1.83	1.58	1.19	1.25	0.74	1.05	1.86	0.02	1.0%
NC_10	45	4534	5.68	5.67	0.29	5.74	2.72	4.39	4.58	4.56	5.92	5.30	5.22	3.52	3.95	5.92	0.18	3.1%
NC_11	20	4367	3.57	3.45	0.37	3.46	3.28	3.12	3.54	3.41	2.94	2.24	2.42	1.41	2.04	3.54	0.08	2.4%
NC_12	20	4371	0.74	0.71	0.11	0.71	0.67	0.71	0.70	0.71	0.58	0.47	0.48	0.27	0.40	0.71	0.00	-0.4%
NC_13	20	4433	0.47	0.46	0.07	0.46	0.33	0.46	0.46	0.46	0.41	0.33	0.34	0.20	0.29	0.46	0.00	0.2%
NC_14	20	4429	1.49	1.42	0.21	1.43	1.45	1.34	1.43	1.40	1.14	0.87	0.92	0.53	0.77	1.45	0.02	1.1%
NC_15	45	4528	1.45	1.45	0.16	1.48	0.56	1.14	1.19	1.17	1.48	1.29	1.31	0.84	1.04	1.48	0.00	-0.3%
NC_16	20	4371	0.63	0.59	0.11	0.60	0.60	0.60	0.59	0.59	0.47	0.38	0.39	0.22	0.32	0.60	0.00	0.0%
NC_17	20	4433	0.45	0.44	0.06	0.45	0.30	0.44	0.45	0.45	0.41	0.32	0.34	0.20	0.29	0.45	0.00	0.0%
NC_18	20	4433	1.58	1.52	0.18	1.53	1.41	1.46	1.55	1.53	1.34	1.04	1.11	0.66	0.94	1.55	0.02	1.4%
NC_19	45	4528	0.73	0.71	0.09	0.73	0.37	0.67	0.69	0.69	0.73	0.62	0.64	0.41	0.54	0.73	0.00	-0.1%
NC_20	20	4433	0.44	0.43	0.05	0.43	0.27	0.42	0.44	0.43	0.41	0.32	0.34	0.21	0.29	0.44	0.01	2.1%
NC_21	45	4534	6.95	6.96	0.34	7.03	3.35	5.38	5.56	5.55	7.20	6.53	6.35	4.35	4.79	7.20	0.17	2.3%
NC_22	20	4371	0.57	0.55	0.09	0.55	0.47	0.55	0.55	0.55	0.47	0.38	0.38	0.23	0.33	0.55	0.00	0.2%
NC_23	45	4528	2.51	2.53	0.25	2.57	0.93	1.91	1.99	1.97	2.57	2.27	2.32	1.49	1.81	2.57	0.00	0.1%
NC_24	25	4464	1.22	1.22	0.11	1.22	0.78	1.13	1.21	1.19	1.18	0.93	1.00	0.61	0.84	1.21	-0.01	-0.7%
NC_25	20	4371	0.87	0.81	0.14	0.82	0.85	0.82	0.81	0.81	0.65	0.52	0.53	0.30	0.44	0.85	0.03	3.4%
NC_26	20	4429	0.50	0.49	0.08	0.49	0.38	0.49	0.49	0.49	0.43	0.34	0.35	0.21	0.30	0.49	0.00	0.0%
NC_27	10	4357	0.79	0.79	0.08	0.80	0.80	0.71	0.69	0.70	0.53	0.43	0.45	0.25	0.36	0.80	0.00	-0.3%
NC_28	20	4433	0.98	0.95	0.12	0.96	0.83	0.94	0.96	0.96	0.86	0.68	0.71	0.44	0.61	0.96	0.00	-0.2%
NC_29	20	4433	1.01	0.95	0.16	0.95	0.99	0.94	0.94	0.95	0.75	0.60	0.62	0.35	0.51	0.99	0.04	4.5%
NC_30	60	4558	9.19	9.14	0.88	9.16	3.20	6.13	6.27	6.25	9.33	9.16	9.35	6.72	7.04	9.35	0.19	2.0%
NC_31	20	4433	0.46	0.45	0.06	0.45	0.31	0.44	0.45	0.45	0.41	0.32	0.34	0.20	0.29	0.45	0.00	0.2%
NC_32	25	4464	1.56	1.57	0.14	1.57	0.87	1.44	1.54	1.51	1.54	1.24	1.33	0.83	1.11	1.54	-0.03	-2.2%
NC_33	20	4433	0.47	0.46	0.06	0.47	0.32	0.46	0.47	0.47	0.43	0.34	0.36	0.21	0.30	0.47	0.00	0.0%
NC_34	45	4528	12.77	12.93	0.80	13.13	4.58	8.96	9.18	9.15	13.13	12.60	12.87	9.05	9.70	13.13	-0.01	0.0%
NC_35	20	4433	0.74	0.72	0.11	0.73	0.57	0.72	0.73	0.73	0.65	0.52	0.54	0.33	0.46	0.73	0.00	-0.5%
NC_36	25	4461	2.85	2.89	0.25	2.93	1.72	2.53	2.80	2.71	2.80	2.23	2.40	1.48	1.98	2.80	-0.13	-4.4%
NC_37	20	4371	0.64	0.60	0.11	0.61	0.60	0.61	0.60	0.60	0.48	0.39	0.40	0.22	0.33	0.61	-0.01	-0.8%
NC_38	10	4364	0.79	0.80	0.08	0.80	0.80	0.72	0.71	0.72	0.55	0.44	0.46	0.25	0.37	0.80	0.00	0.4%
NC_39	20	4429	0.58	0.56	0.09	0.56	0.44	0.56	0.57	0.57	0.50	0.40	0.41	0.24	0.35	0.57	0.00	0.9%
NC_40	60	4558	12.74	12.64	1.30	12.66	4.47	8.79	9.02	8.98	13.05	12.66	12.92	9.22	9.81	13.05	0.39	3.1%
NC_41	20	4433	1.14	1.10	0.13	1.11	1.01	1.07	1.12	1.11	0.94	0.73	0.75	0.44	0.64	1.12	0.01	0.7%
NC_42	20	4399	0.90	0.89	0.08	0.89	0.67	0.83	0.90	0.89	0.82	0.63	0.68	0.41	0.57	0.90	0.01	1.6%
NC_43	20	4433	1.27	1.20	0.17	1.21	1.16	1.16	1.23	1.21	1.00	0.77	0.81	0.47	0.69	1.23	0.02	1.5%
NC_44	20	4371	0.64	0.60	0.11	0.60	0.62	0.60	0.59	0.60	0.47	0.38	0.39	0.22	0.32	0.62	0.02	3.3%
NC_45	20	4371	0.84	0.78	0.14	0.78	0.83	0.78	0.78	0.78	0.62	0.49	0.51	0.29	0.42	0.83	0.05	6.0%
NC_46	20	4433	0.51	0.50	0.07	0.50	0.35	0.50	0.51	0.50	0.46	0.36	0.39	0.23	0.33	0.51	0.01	1.4%
NC_47	20	4429	1.68	1.59	0.23	1.60	1.68	1.50	1.60	1.57	1.25	0.96	1.01	0.58	0.85	1.68	0.08	4.9%
NC_48	20	4433	1.74	1.67	0.19	1.68	1.59	1.59	1.71	1.68	1.42	1.08	1.14	0.66	0.96	1.71	0.03	1.9%
NC_49	720	4785	12.06	10.35	4.58	10.41	6.30	8.90	8.98	8.98	11.06	11.25	11.10	10.78	10.54	11.25	0.83	8.0%
NC_50	20	4433	0.52	0.51	0.06	0.51	0.33	0.50	0.52	0.51	0.48	0.38	0.41	0.25	0.34	0.52	0.01	1.4%
NC_51	20	4433	1.92	1.84	0.22	1.84	1.75	1.71	1.90	1.84	1.56	1.17	1.26	0.72	1.06	1.90	0.06	3.3%
NC_52	20	4433	1.58	1.55	0.15	1.56	1.23	1.50	1.57	1.56	1.48	1.17	1.26	0.79	1.06	1.57	0.01	0.6%
NC_53	25	4462	2.45	2.47	0.25	2.51	1.60	2.25	2.45	2.38	2.37	1.87	2.03	1.25	1.69	2.45	-0.06	-2.6%
NC_54	20	4429	1.21	1.15	0.17	1.16	1.14	1.11	1.16	1.14	0.93	0.72	0.75	0.43	0.64	1.16	0.00	-0.1%
NC_55	20	4371	0.59	0.56	0.10	0.56	0.54	0.56	0.56	0.56	0.46	0.37	0.38	0.21	0.31	0.56	0.00	0.7%
NC_56	20	4371	0.67	0.62	0.12	0.62	0.67	0.62	0.61	0.62	0.48	0.39	0.40	0.22	0.32	0.67	0.05	7.6%
NC_57	20	4371	0.91	0.86	0.14	0.86	0.82	0.86	0.86	0.86	0.71	0.57	0.58	0.34	0.49	0.86	0.00	0.0%
NC_58	720	4785	12.10	10.39	4.54	10.46	6.26	8.88	8.96	8.96	11.05	11.23	11.09	10.84	10.52	11.23	0.77	7.4%
NC_59	20	4371	0.94	0.88	0.15	0.88	0.92	0.88	0.88	0.88	0.70	0.56	0.58	0.33	0.48	0.92	0.04	4.1%
NC_60	20	4371	0.66	0.61	0.11	0.62	0.65	0.62	0.61	0.61	0.48	0.39	0.40	0.22	0.32	0.65	0.03	4.2%
NC_61	20	4371	0.71	0.68	0.11	0.68	0.60	0.68	0.68	0.68	0.58	0.46	0.47	0.28	0.40	0.68	0.00	-0.3%
NC_62	20	4429	7.55	7.51	0.40	7.56	6.26	6.93	7.56	7.45	6.84	5.32	5.48	3.42	4.63	7.56	0.00	0.0%
NC_63	20	4371	0.70	0.65	0.12	0.65	0.70	0.65	0.64	0.65	0.50	0.41	0.42	0.23	0.34	0.70	0.05	7.5%
NC_64	20	4428	1.91	1.91	0.11	1.92	1.37	1.74	1.93	1.89	1.78	1.38	1.48	0.90	1.23	1.93	0.01	0.5%
NC_65	10	4364	1.00	1.01	0.10	1.02	1.02	0.90	0.89	0.90	0.69	0.55	0.57	0.32	0.46	1.02	0.00	-0.2%
NC_66	20	4371	0.73	0.68	0.13	0.68	0.74	0.68	0.67	0.67	0.52	0.42	0.44	0.24	0.35	0.74	0.06	9.1%
NC_67	25	4460	2.28	2.30	0.19	2.33	1.73	2.09	2.30	2.26	2.17	1.75	1.85	1.17	1.54	2.30	-0.03	-1.2%
NC_68	10	4357	0.75	0.75	0.08	0.76	0.76	0.67	0.66	0.67	0.51	0.41	0.43	0.23	0.34	0.76	0.00	-0.3%
NC_69	25	4461	2.46	2.47	0.11	2.48	1.55	2.20	2.35	2.34	2.44	2.05	2.08	1.34	1.66	2.44	-0.04	-1.7%
NC_70	20	4371	0.65	0.61	0.11	0.61	0.63	0.61	0.60	0.61	0.48	0.38	0.40	0.22	0.32	0.63	0.02	3.6%
NC_71	20	4371	0.63	0.59	0.11	0.59	0.60	0.59	0.59	0.59	0.47	0.38	0.39	0.22	0.32	0.60	0.01	2.0%
NC_72	20	4371	0.67	0.62	0.11	0.63	0.65	0.63	0.62	0.62	0.49	0.39	0.41	0.23	0.33	0.65	0.02	2.7%
NC_73	20	4433	1.41	1.37	0.14	1.38	1.21	1.32	1.39	1.38	1.21	0.94	0.98	0.59	0.83	1.39	0.01	0.8%
NC_74	20	4429	0.50	0.49	0.08	0.49	0.39	0.49	0.49	0.49	0.43	0.34	0.35	0.20	0.30	0.49	0.00	-0.6%
NC_75	20	4429	8.82	8.79	0.48	8.86	7.17	8.00	8.86	8.71	8.04	6.26	6.46	4.01	5.38	8.86	0.00	0.0%
NC_76	20	4399	2.01	1.93	0.22	1.94	1.81	1.76	2.00	1.92	1.64	1.24	1.33	0.76	1.13	2.00	0.06	3.0%
NC_77	20	4399	2.38	2.37	0.17	2.37	1.95	2.18	2.39	2.33	2.29	1.85	1.95	1.22	1.72	2.39	0.02	0.7%
NC_78	20	4429	0.70	0.66	0.11	0.67	0.65	0.64	0.67	0.66	0.53	0.41	0.43	0.24	0.36	0.67	0.00	-0.4%
NC_79	20	4371	0.85	0.79	0.14	0.79	0.83	0.79	0.79	0.79	0.63	0.50	0.52	0.29	0.43	0.83	0.04	5.1%
NC_80	20	4433	1.61	1.59	0.14	1.59	1.16	1.51	1.62	1.59	1.52	1.20	1.30	0.80	1.09	1.62	0.03	1.9%
NC_81	20	4399	1.19	1.17	0.12	1.17	0.99	1.10	1.19	1.17	1.01	0.77	0.81	0.48	0.68	1.19	0.02	1.5%

ARR2019 Results for 2%AEP Event																		
Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_82	25	4461	3.27	3.32	0.25	3.34	2.28	2.93	3.25	3.19	3.10	2.42	2.56	1.57	2.10	3.25	-0.09	-2.8%
NC_83	10	4364	0.88	0.89	0.09	0.90	0.90	0.77	0.76	0.77	0.58	0.47	0.49	0.27	0.39	0.90	0.00	-0.4%
NC_84	20	4371	0.82	0.78	0.13	0.78	0.78	0.78	0.77	0.77	0.63	0.50	0.51	0.29	0.43	0.78	0.00	0.0%
NC_85	20	4433	0.56	0.54	0.09	0.54	0.48	0.54	0.54	0.54	0.46	0.36	0.37	0.21	0.31	0.54	0.00	0.4%
NC_86	20	4404	3.50	3.43	0.37	3.46	3.32	2.95	3.47	3.32	2.73	2.01	2.20	1.25	1.87	3.47	0.01	0.3%
NC_87	10	4364	1.10	1.11	0.11	1.12	1.12	0.98	0.98	0.99	0.76	0.61	0.63	0.35	0.51	1.12	0.00	-0.2%
NC_88	20	4399	2.73	2.62	0.32	2.62	2.22	2.47	2.72	2.61	2.32	1.79	1.91	1.10	1.63	2.72	0.10	3.8%
NC_89	20	4433	0.43	0.42	0.05	0.42	0.27	0.41	0.43	0.42	0.39	0.31	0.33	0.20	0.28	0.43	0.01	1.9%
NC_90	20	4428	4.71	4.67	0.38	4.67	3.97	4.14	4.71	4.54	4.21	3.29	3.55	2.14	3.07	4.71	0.04	0.9%
NC_91	20	4371	0.63	0.60	0.11	0.60	0.61	0.60	0.59	0.59	0.47	0.38	0.39	0.22	0.32	0.61	0.01	1.2%
NC_92	20	4433	0.59	0.56	0.09	0.56	0.52	0.57	0.56	0.56	0.47	0.37	0.38	0.22	0.32	0.57	0.00	0.9%
NC_93	20	4433	1.01	0.99	0.12	1.00	0.77	0.98	1.00	1.00	0.93	0.74	0.79	0.49	0.66	1.00	0.00	0.2%
NC_94	20	4429	1.44	1.38	0.20	1.39	1.39	1.31	1.39	1.36	1.11	0.85	0.89	0.51	0.75	1.39	0.00	0.0%
NC_95	20	4429	1.26	1.20	0.18	1.21	1.20	1.14	1.21	1.19	0.96	0.74	0.78	0.45	0.66	1.21	0.00	-0.2%
NC_96	20	4399	1.86	1.82	0.18	1.83	1.54	1.70	1.86	1.82	1.59	1.20	1.28	0.75	1.07	1.86	0.03	1.5%
NC_97	20	4371	0.64	0.61	0.11	0.61	0.61	0.61	0.60	0.61	0.49	0.39	0.40	0.22	0.33	0.61	0.00	0.0%
NC_98	20	4433	1.96	1.91	0.19	1.91	1.73	1.79	1.94	1.91	1.66	1.27	1.35	0.80	1.14	1.94	0.03	1.8%
NC_99	20	4367	4.26	4.18	0.41	4.19	3.99	3.65	4.24	4.08	3.41	2.53	2.75	1.57	2.31	4.24	0.05	1.3%
NC_100	20	4371	0.73	0.69	0.12	0.70	0.67	0.70	0.69	0.69	0.57	0.45	0.47	0.26	0.39	0.70	0.00	-0.6%
NC_101	20	4367	1.79	1.72	0.24	1.73	1.67	1.63	1.74	1.70	1.40	1.07	1.14	0.65	0.96	1.74	0.01	0.3%
NC_102	720	4785	12.39	10.62	4.51	10.74	6.24	8.88	8.96	8.96	11.07	11.27	11.12	11.24	10.52	11.27	0.53	5.0%
NC_103	20	4371	0.69	0.64	0.12	0.64	0.68	0.64	0.63	0.64	0.50	0.40	0.42	0.23	0.34	0.68	0.04	5.6%
NC_104	20	4433	0.48	0.47	0.07	0.47	0.35	0.47	0.47	0.47	0.42	0.33	0.35	0.21	0.29	0.47	0.00	0.6%
NC_105	20	4399	5.51	5.30	0.61	5.33	4.67	4.88	5.50	5.24	4.62	3.53	3.82	2.18	3.22	5.50	0.17	3.2%
NC_106	20	4371	0.66	0.62	0.12	0.62	0.66	0.62	0.61	0.61	0.48	0.39	0.40	0.22	0.32	0.66	0.04	5.8%
NC_107	20	4433	0.93	0.91	0.11	0.92	0.74	0.89	0.93	0.92	0.83	0.65	0.68	0.41	0.58	0.93	0.01	0.5%
NC_108	20	4371	0.78	0.74	0.12	0.74	0.73	0.74	0.74	0.74	0.60	0.48	0.50	0.28	0.41	0.74	0.00	0.3%
NC_109	20	4429	8.10	8.09	0.69	8.13	7.14	6.72	8.13	7.75	6.66	4.92	5.39	3.06	4.51	8.13	0.00	0.0%
NC_110	20	4371	0.71	0.66	0.12	0.66	0.71	0.66	0.65	0.66	0.51	0.41	0.43	0.24	0.34	0.71	0.05	7.7%
NC_111	10	4364	0.72	0.73	0.08	0.73	0.73	0.65	0.64	0.65	0.49	0.40	0.41	0.23	0.33	0.73	0.00	0.5%
NC_112	45	4528	0.77	0.76	0.09	0.77	0.38	0.70	0.73	0.72	0.77	0.66	0.68	0.44	0.57	0.77	0.00	0.5%
NC_113	20	4371	0.92	0.86	0.15	0.86	0.93	0.86	0.85	0.86	0.67	0.54	0.55	0.31	0.45	0.93	0.07	8.0%
NC_114	20	4371	0.74	0.69	0.12	0.70	0.71	0.70	0.69	0.69	0.55	0.44	0.46	0.26	0.37	0.71	0.01	1.6%
NC_115	20	4433	0.46	0.45	0.06	0.45	0.32	0.45	0.45	0.45	0.41	0.32	0.34	0.20	0.29	0.45	0.00	0.9%
NC_116	20	4399	2.41	2.32	0.26	2.32	2.22	2.10	2.39	2.30	1.94	1.45	1.58	0.90	1.33	2.39	0.07	3.1%
NC_117	20	4429	1.32	1.26	0.19	1.27	1.29	1.20	1.27	1.25	1.01	0.77	0.81	0.47	0.68	1.29	0.02	1.3%
NC_118	20	4433	0.52	0.51	0.07	0.51	0.37	0.51	0.51	0.51	0.46	0.36	0.38	0.23	0.32	0.51	0.00	0.2%
NC_119	20	4399	5.96	5.87	0.58	5.87	4.94	5.12	5.98	5.66	5.11	3.88	4.25	2.43	3.56	5.98	0.11	1.8%
NC_120	20	4429	1.20	1.15	0.17	1.15	1.06	1.15	1.15	1.15	0.99	0.79	0.81	0.49	0.69	1.15	0.00	0.3%
NC_121	45	4528	1.02	1.03	0.11	1.04	0.37	0.78	0.80	0.80	1.04	0.93	0.94	0.61	0.74	1.04	-0.01	-0.5%
NC_122	20	4371	0.65	0.61	0.11	0.61	0.64	0.61	0.61	0.61	0.48	0.39	0.40	0.22	0.33	0.64	0.03	4.3%
NC_123	25	4460	1.34	1.35	0.12	1.37	0.83	1.20	1.33	1.30	1.29	1.01	1.08	0.66	0.90	1.33	-0.04	-2.8%
NC_124	20	4429	20.50	20.52	1.23	20.63	16.17	17.89	20.63	20.05	18.49	14.18	14.86	8.95	12.36	20.63	0.00	0.0%
NC_125	10	4364	0.78	0.78	0.08	0.79	0.79	0.68	0.67	0.67	0.51	0.41	0.43	0.23	0.34	0.79	-0.01	-0.6%
NC_126	20	4433	1.19	1.14	0.13	1.15	1.10	1.09	1.16	1.15	0.95	0.73	0.75	0.43	0.63	1.16	0.01	0.9%
NC_127	20	4371	0.75	0.70	0.12	0.71	0.71	0.71	0.70	0.70	0.57	0.45	0.47	0.26	0.38	0.71	0.00	-0.1%
NC_128	20	4429	1.33	1.26	0.19	1.27	1.30	1.21	1.27	1.25	1.00	0.77	0.81	0.46	0.68	1.30	0.03	2.7%
NC_129	45	4528	3.05	2.99	0.35	3.07	1.65	2.71	2.87	2.83	3.07	2.60	2.69	1.72	2.22	3.07	0.00	0.0%
NC_130	20	4371	0.70	0.66	0.12	0.66	0.69	0.66	0.65	0.66	0.52	0.42	0.43	0.24	0.35	0.69	0.03	3.8%
NC_131	45	4528	1.38	1.39	0.15	1.40	0.51	1.08	1.12	1.11	1.40	1.24	1.26	0.81	1.00	1.40	0.00	0.3%
NC_132	20	4371	0.61	0.58	0.10	0.58	0.58	0.58	0.57	0.58	0.46	0.37	0.38	0.21	0.32	0.58	0.00	0.3%
NC_133	20	4367	1.97	1.88	0.22	1.88	1.82	1.73	1.94	1.88	1.57	1.18	1.27	0.73	1.07	1.94	0.06	3.1%
NC_134	20	4371	0.73	0.68	0.12	0.68	0.72	0.68	0.67	0.67	0.53	0.43	0.44	0.24	0.36	0.72	0.04	5.9%
NC_135	45	4528	1.02	1.03	0.11	1.04	0.37	0.78	0.81	0.80	1.04	0.92	0.93	0.60	0.74	1.04	0.00	-0.1%
NC_136	20	4371	0.69	0.63	0.12	0.64	0.70	0.64	0.62	0.63	0.49	0.39	0.41	0.22	0.33	0.70	0.05	8.6%
NC_137	20	4433	0.46	0.45	0.06	0.45	0.31	0.44	0.45	0.45	0.41	0.32	0.34	0.20	0.28	0.45	0.00	0.0%
NC_138	20	4429	8.16	8.15	0.60	8.23	6.51	6.99	8.23	7.90	7.36	5.70	6.17	3.70	5.28	8.23	0.00	0.0%
NC_139	30	4500	0.77	0.78	0.07	0.79	0.37	0.70	0.73	0.72	0.78	0.65	0.68	0.43	0.57	0.78	-0.02	-1.9%
NC_140	20	4429	1.36	1.29	0.19	1.30	1.32	1.24	1.30	1.28	1.03	0.80	0.83	0.48	0.70	1.32	0.02	1.3%
NC_141	10	4357	0.71	0.72	0.08	0.73	0.73	0.65	0.64	0.64	0.49	0.40	0.41	0.23	0.33	0.73	-0.01	-0.7%
NC_142	10	4364	1.46	1.47	0.12	1.48	1.48	1.24	1.31	1.29	0.99	0.77	0.81	0.46	0.67	1.48	0.00	-0.1%
NC_143	20	4433	0.47	0.46	0.07	0.46	0.33	0.46	0.46	0.46	0.42	0.33	0.34	0.20	0.29	0.46	0.00	0.9%
NC_144	20	4371	0.64	0.61	0.11	0.61	0.62	0.61	0.60	0.60	0.48	0.39	0.40	0.22	0.32	0.62	0.01	1.6%
NC_145	20	4433	0.66	0.64	0.10	0.64	0.57	0.64	0.64	0.64	0.54	0.43	0.44	0.26	0.37	0.64	0.00	-0.5%
NC_146	20	4399	6.30	6.25	0.48	6.26	5.21	5.65	6.29	6.11	5.67	4.45	4.68	2.93	3.95	6.29	0.03	0.5%
NC_147	20	4429	1.55	1.46	0.22	1.47	1.55	1.39	1.47	1.45	1.15	0.88	0.93	0.53	0.78	1.55	0.08	5.4%
NC_148	20	4429	3.30	3.31	0.22	3.34	2.63	2.86	3.34	3.24	2.84	2.10	2.28	1.32	1.91	3.34	0.00	0.0%
NC_149	20	4371	0.77	0.71	0.13	0.71	0.77	0.71	0.70	0.71	0.55	0.44	0.46	0.25	0.37	0.77	0.06	9.0%
NC_150	20	4371	0.67	0.63	0.12	0.63	0.68	0.63	0.62	0.62	0.48	0.39	0.40	0.22	0.33	0.68	0.05	7.3%
NC_151	20	4429	1.39	1.34	0.18	1.36	1.32	1.23	1.36	1.32	1.08	0.82	0.87	0.50	0.73	1.36	0.00	-0.2%
NC_152	60	4558	17.04	17.05	0.90	17.06	2.68	8.66	8.74	8.72	15.76	17.06	18.36	14.51	14.21	18.36	1.30	7.6%
NC_153	20	4433	0.48	0.47	0.05	0.47	0.29	0.46	0.48	0.47	0.45	0.35	0.38	0.23	0.32	0.48	0.01	1.3%
NC_154	25	4466	7.36	7.38	0.33	7.39	4.50	6.48	6.99	6.92	7.29	5.80	5.92	3.65	4.69	7.29	-0.10	-1.3%
NC_155	20	4429	2.32	2.21	0.29	2.25	2.26	2.02	2.25	2.18	1.77	1.34	1.44	0.82	1.21	2.26	0.01	0.6%
NC_156	45	4528	4.05	3.99	0.46	4.11	2.06	3.48	3.73	3.66	4.11	3.46	3.59	2.28	2.91	4.11	0.00	-0.1%
NC_157	20	4404	2.98	2.92	0.31	2.95	2.82	2.50	2.97	2.83	2.35	1.73	1.91	1.09	1.61	2.97	0.02	0.6%
NC_158	90	4588	16.83	17.09	1.86	17.47	2.63	8.46	8.53	8.52	15.48	16.85	18.27	14.63	14.14	18.27	0.80	4.6%
NC_159	10	4364	0.74	0.75	0.08	0.75	0.75	0.68	0.67	0.67	0.52	0.42	0.43	0.24	0.35	0.75	0.00	0.3%
NC_160	20	4371	0.85	0.79	0.14	0.79	0.84	0.79	0.79	0.79	0.62	0.50	0.52	0.29	0.42	0.84	0.05	6.2%
NC_161	20	4371	0.68	0.63	0.12	0.64	0.68	0.64	0.62	0.63	0.49	0.39	0.41	0.23	0.33	0.68	0.04	6.9%
NC_162	20	4371	0.63	0.59	0.11	0.60	0.61	0.60	0.59	0.59	0.47	0.38	0.39	0.22	0.32	0.61	0.01	0.8%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_163	20	4371	0.70	0.65	0.12	0.66	0.70	0.66	0.65	0.65	0.51	0.41	0.42	0.23	0.34	0.70	0.04	6.2%
NC_164	20	4429	1.57	1.50	0.21	1.51	1.52	1.42	1.51	1.48	1.20	0.93	0.97	0.56	0.82	1.52	0.01	0.7%
NC_165	10	4357	0.69	0.70	0.07	0.70	0.70	0.64	0.63	0.63	0.49	0.39	0.41	0.22	0.33	0.70	0.00	0.4%
NC_166	20	4429	0.79	0.73	0.13	0.74	0.80	0.72	0.74	0.73	0.57	0.45	0.47	0.26	0.39	0.80	0.06	7.4%
NC_167	20	4399	7.45	7.39	0.53	7.46	6.14	6.57	7.47	7.21	6.70	5.23	5.53	3.44	4.65	7.47	0.01	0.2%
NC_168	20	4429	12.11	12.14	0.82	12.25	9.41	10.42	12.25	11.86	10.87	8.31	9.01	5.38	7.67	12.25	0.00	0.0%
NC_169	20	4433	1.17	1.09	0.19	1.09	1.18	1.09	1.09	1.09	0.86	0.69	0.71	0.40	0.58	1.18	0.09	8.1%
NC_170	20	4371	0.78	0.73	0.13	0.73	0.74	0.73	0.73	0.73	0.59	0.47	0.49	0.27	0.40	0.74	0.01	0.7%
NC_171	45	4528	6.16	6.11	0.68	6.27	3.08	5.17	5.54	5.44	6.27	5.36	5.51	3.54	4.46	6.27	0.00	0.0%
NC_172	20	4399	9.42	9.40	0.76	9.49	7.64	7.93	9.52	9.06	8.31	6.26	6.88	3.95	5.71	9.52	0.03	0.3%
NC_173	20	4429	1.26	1.21	0.17	1.22	1.18	1.15	1.22	1.20	0.98	0.76	0.79	0.45	0.67	1.22	0.00	-0.4%
NC_174	20	4404	2.49	2.46	0.23	2.47	2.14	2.13	2.51	2.41	2.07	1.53	1.69	0.96	1.42	2.51	0.04	1.8%
NC_175	20	4367	2.19	2.12	0.25	2.14	2.08	1.93	2.16	2.09	1.73	1.29	1.39	0.80	1.18	2.16	0.02	0.8%
NC_176	90	4588	3.31	3.28	0.41	3.31	1.30	2.32	2.35	2.35	3.19	3.26	3.45	3.00	2.94	3.45	0.14	4.1%
NC_177	10	4357	0.78	0.79	0.08	0.79	0.79	0.71	0.69	0.70	0.53	0.43	0.45	0.25	0.36	0.79	0.00	0.4%
NC_178	20	4429	1.32	1.24	0.20	1.25	1.33	1.18	1.25	1.23	0.97	0.75	0.79	0.45	0.66	1.33	0.08	6.3%
NC_179	45	4528	1.81	1.81	0.21	1.83	0.95	1.53	1.58	1.57	1.83	1.63	1.64	1.07	1.33	1.83	0.00	0.1%
NC_180	20	4371	0.77	0.72	0.13	0.72	0.77	0.72	0.71	0.72	0.56	0.45	0.46	0.26	0.38	0.77	0.05	7.5%
NC_181	90	4586	3.44	3.43	0.27	3.46	1.33	2.24	2.27	2.27	3.17	3.27	3.48	3.32	3.10	3.48	0.02	0.4%
NC_182	20	4371	0.90	0.85	0.14	0.85	0.86	0.85	0.85	0.85	0.69	0.55	0.56	0.32	0.47	0.86	0.01	1.2%
NC_183	20	4371	0.69	0.64	0.12	0.64	0.70	0.64	0.63	0.63	0.49	0.39	0.41	0.23	0.33	0.70	0.06	9.5%
NC_184	20	4371	0.73	0.68	0.12	0.68	0.72	0.68	0.67	0.67	0.53	0.42	0.44	0.24	0.36	0.72	0.04	6.2%
NC_185	20	4429	1.29	1.23	0.18	1.24	1.24	1.17	1.24	1.22	0.99	0.76	0.80	0.46	0.67	1.24	0.00	-0.2%
NC_186	20	4433	0.50	0.49	0.05	0.50	0.30	0.48	0.50	0.50	0.47	0.37	0.40	0.24	0.34	0.50	0.00	0.4%
NC_187	20	4371	0.70	0.64	0.12	0.65	0.71	0.65	0.64	0.64	0.49	0.40	0.41	0.23	0.33	0.71	0.06	9.2%
NC_188	10	4364	1.61	1.62	0.12	1.63	1.63	1.43	1.52	1.49	1.18	0.90	0.95	0.54	0.80	1.63	0.00	-0.1%
NC_189	20	4433	0.48	0.47	0.07	0.47	0.36	0.47	0.48	0.47	0.42	0.33	0.34	0.20	0.29	0.48	0.01	1.1%
NC_190	45	4528	7.27	7.32	0.36	7.36	4.03	6.40	6.38	6.40	7.36	6.49	6.23	4.09	4.76	7.36	0.00	-0.1%
NC_191	20	4371	0.81	0.75	0.14	0.75	0.82	0.75	0.75	0.75	0.58	0.47	0.49	0.27	0.39	0.82	0.07	9.1%
NC_192	20	4429	13.15	13.20	0.85	13.28	10.08	11.36	13.28	12.91	11.83	9.02	9.78	5.84	8.29	13.28	0.00	0.0%
NC_193	120	4431	14.64	14.74	0.40	14.82	5.69	8.58	8.61	8.61	11.57	12.46	14.21	14.79	12.77	14.79	-0.03	-0.2%
NC_194	45	4528	1.36	1.36	0.15	1.38	0.60	1.08	1.11	1.11	1.38	1.23	1.24	0.80	0.99	1.38	0.00	-0.1%
NC_195	20	4371	0.85	0.80	0.13	0.81	0.80	0.81	0.80	0.80	0.66	0.52	0.54	0.31	0.45	0.81	-0.01	-0.6%
NC_196	25	4464	0.83	0.83	0.07	0.84	0.46	0.76	0.82	0.80	0.81	0.65	0.69	0.43	0.58	0.82	-0.02	-2.7%
NC_197	20	4371	0.57	0.55	0.09	0.56	0.47	0.56	0.55	0.56	0.48	0.38	0.38	0.23	0.33	0.56	-0.01	-0.9%
NC_198	20	4371	0.70	0.64	0.12	0.65	0.70	0.65	0.64	0.64	0.50	0.40	0.41	0.23	0.33	0.70	0.05	7.8%
NC_199	20	4429	1.72	1.64	0.22	1.66	1.71	1.51	1.66	1.62	1.30	0.98	1.05	0.60	0.88	1.71	0.05	2.9%
NC_200	20	4429	2.88	2.78	0.33	2.82	2.78	2.53	2.82	2.74	2.24	1.67	1.80	1.03	1.52	2.82	0.00	0.1%
NC_201	20	4433	0.65	0.64	0.06	0.65	0.38	0.63	0.65	0.65	0.63	0.50	0.55	0.34	0.46	0.65	0.00	0.5%
NC_202	20	4433	1.79	1.71	0.21	1.71	1.65	1.58	1.76	1.71	1.43	1.07	1.16	0.66	0.98	1.76	0.05	3.2%
NC_203	20	4433	1.28	1.25	0.13	1.25	1.10	1.18	1.27	1.25	1.08	0.82	0.87	0.51	0.73	1.27	0.02	1.7%
NC_204	20	4433	0.50	0.48	0.06	0.49	0.32	0.48	0.49	0.49	0.45	0.36	0.38	0.23	0.32	0.49	0.00	0.4%
NC_205	20	4429	7.75	7.73	0.54	7.80	6.28	6.76	7.80	7.49	7.06	5.52	5.83	3.62	4.86	7.80	0.00	0.0%
NC_206	25	4460	0.90	0.91	0.09	0.91	0.45	0.82	0.89	0.87	0.88	0.69	0.76	0.46	0.63	0.89	-0.02	-2.3%
NC_207	20	4367	3.35	3.29	0.34	3.30	3.10	2.84	3.34	3.20	2.67	1.98	2.16	1.23	1.82	3.34	0.04	1.2%
NC_208	20	4371	0.67	0.62	0.12	0.63	0.67	0.63	0.62	0.62	0.48	0.39	0.40	0.22	0.33	0.67	0.04	6.3%
NC_209	20	4433	0.43	0.42	0.05	0.42	0.26	0.41	0.43	0.42	0.40	0.31	0.33	0.20	0.28	0.43	0.01	2.1%
NC_210	20	4429	13.95	13.99	0.86	14.02	10.52	12.11	14.02	13.66	12.67	9.68	10.46	6.25	8.80	14.02	0.00	0.0%
NC_211	20	4371	0.79	0.74	0.13	0.74	0.78	0.74	0.73	0.74	0.58	0.47	0.48	0.27	0.39	0.78	0.04	5.5%
NC_212	20	4433	0.43	0.42	0.05	0.42	0.27	0.41	0.43	0.42	0.39	0.31	0.33	0.20	0.28	0.43	0.01	1.4%
NC_213	30	4498	10.17	10.13	0.66	10.29	5.57	8.66	9.09	9.05	10.26	8.47	8.47	5.27	6.54	10.26	-0.03	-0.3%
NC_214	45	4528	0.91	0.91	0.09	0.93	0.44	0.72	0.76	0.75	0.93	0.83	0.85	0.56	0.67	0.93	0.00	-0.2%
NC_215	60	4463	6.60	6.47	0.43	6.52	3.27	4.37	4.42	4.41	6.63	6.41	5.00	4.38	4.14	6.63	0.11	1.7%
NC_216	20	4433	0.46	0.45	0.07	0.45	0.32	0.45	0.45	0.45	0.41	0.32	0.34	0.20	0.29	0.45	0.00	0.9%
NC_217	45	4528	0.71	0.70	0.08	0.71	0.33	0.64	0.66	0.66	0.71	0.60	0.62	0.40	0.52	0.71	0.00	0.1%
NC_218	60	4558	7.96	7.84	0.43	7.90	3.04	5.09	5.25	5.24	7.88	7.90	7.15	5.72	4.96	7.90	0.00	0.0%
NC_219	25	4464	1.08	1.08	0.09	1.09	0.57	0.99	1.04	1.03	1.07	0.89	0.94	0.59	0.79	1.07	-0.02	-1.6%
NC_220	20	4399	2.54	2.48	0.24	2.49	2.28	2.21	2.54	2.45	2.08	1.54	1.69	0.96	1.42	2.54	0.05	2.1%
NC_221	20	4371	0.68	0.63	0.11	0.64	0.66	0.64	0.63	0.63	0.50	0.40	0.42	0.23	0.34	0.66	0.02	2.5%
NC_222	20	4371	0.65	0.61	0.11	0.62	0.62	0.62	0.61	0.61	0.49	0.39	0.40	0.23	0.33	0.62	0.00	-0.5%
NC_223	20	4371	0.84	0.78	0.14	0.78	0.85	0.78	0.78	0.78	0.61	0.49	0.51	0.28	0.41	0.85	0.07	8.6%
NC_224	20	4371	0.70	0.65	0.12	0.65	0.68	0.65	0.64	0.65	0.51	0.41	0.42	0.24	0.35	0.68	0.03	4.6%
NC_225	30	4498	7.26	7.17	0.49	7.32	4.14	6.14	6.58	6.53	7.46	6.12	6.06	3.76	4.67	7.46	0.14	1.9%
NC_226	20	4428	3.85	3.81	0.34	3.83	3.42	3.21	3.87	3.69	3.14	2.32	2.55	1.44	2.13	3.87	0.04	1.1%
NC_227	90	4532	3.63	3.69	0.22	3.70	1.87	2.25	2.28	2.27	3.18	3.35	3.57	3.47	3.22	3.57	-0.13	-3.5%
NC_228	20	4367	0.63	0.60	0.10	0.60	0.56	0.60	0.60	0.60	0.49	0.40	0.40	0.23	0.34	0.60	0.00	0.2%
NC_229	180	4653	14.03	14.29	1.09	14.68	5.64	8.41	8.43	8.43	11.14	11.95	13.66	14.68	12.96	14.68	0.00	0.0%
NC_230	20	4433	0.49	0.48	0.07	0.49	0.35	0.48	0.49	0.49	0.44	0.34	0.36	0.22	0.31	0.49	0.00	-0.6%
NC_231	20	4433	1.26	1.22	0.14	1.23	1.08	1.20	1.24	1.23	1.10	0.87	0.91	0.56	0.77	1.24	0.01	0.7%
NC_232	25	4394	14.18	14.38	1.18	14.59	10.59	12.29	14.27	13.92	13.03	9.97	10.73	6.43	9.06	14.27	-0.32	-2.2%
NC_233	20	4433	0.46	0.45	0.06	0.45	0.32	0.45	0.46	0.45	0.41	0.32	0.34	0.20	0.29	0.46	0.01	1.6%
NC_234	30	4498	10.83	10.79	0.65	10.95	5.76	9.22	9.60	9.57	11.04	9.19	9.14	5.73	7.04	11.04	0.09	0.8%
NC_235	20	4371	0.72	0.67	0.13	0.67	0.72	0.67	0.66	0.67	0.52	0.42	0.43	0.24	0.35	0.72	0.05	7.9%
NC_236	30	4500	1.39	1.37	0.15	1.38	0.63	1.21	1.31	1.28	1.40	1.13	1.21	0.75	1.00	1.40	0.02	1.3%
NC_237	60	4558	8.16	8.05	0.39	8.10	3.08	5.15	5.29	5.29	8.01	8.10	7.31	5.96	5.16	8.10	0.00	0.0%
NC_238	30	4498	34.89	34.52	2.20	35.19	20.12	29.76	31.56	31.36	35.93	29.98	29.38	18.76	22.85	35.93	0.74	2.1%
NC_239	45	4528	10.07	9.89	1.11	10.41	2.05	7.98	8.29	8.23	10.41	8.27	8.83	5.34	7.32	10.41	0.00	0.0%
NC_240	45	4496	11.52	11.49	0.48	11.56	5.18	8.79	9.06	9.03	11.91	10.57	10.21	6.75	7.71	11.91	0.35	3.0%
NC_241	20	4371	0.71	0.69	0.10	0.69	0.59	0.69	0.69	0.69	0.60	0.47	0.49	0.29	0.41	0.69	0.00	-0.3%
NC_242	20	4433	0.52	0.51	0.07	0.51	0.36	0.51	0.52	0.51	0.47	0.37	0.39	0.23	0.33	0.52	0.01	1.0%
NC_243	25	4462	2.79	2.80	0.22	2.83	2.19	2.62	2.78	2.73	2.74	2.39	2.39	1.58	2.03	2.78	-0.05	-1.8%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_244	30	4498	35.44	35.00	2.49	35.74	21.14	30.41	32.55	32.31	36.01	29.53	29.31	18.40	22.81	36.01	0.27	0.8%
NC_245	45	4528	2.41	2.40	0.26	2.47	0.94	1.92	2.03	2.00	2.47	2.09	2.17	1.37	1.73	2.47	-0.01	-0.2%
NC_246	10	4364	0.75	0.76	0.08	0.77	0.77	0.69	0.68	0.69	0.53	0.43	0.44	0.24	0.36	0.77	0.00	-0.4%
NC_247	20	4371	0.69	0.65	0.12	0.65	0.66	0.65	0.64	0.65	0.51	0.41	0.42	0.24	0.35	0.66	0.01	2.2%
NC_248	45	4528	1.12	1.14	0.08	1.16	0.46	0.82	0.85	0.84	1.16	1.07	1.09	0.72	0.83	1.16	0.00	0.0%
NC_249	30	4500	1.65	1.65	0.14	1.65	1.03	1.47	1.54	1.53	1.65	1.39	1.43	0.91	1.18	1.65	0.00	0.2%
NC_250	20	4433	0.43	0.42	0.05	0.42	0.27	0.41	0.43	0.42	0.40	0.31	0.33	0.20	0.28	0.43	0.01	1.9%
NC_251	20	4433	0.43	0.42	0.05	0.42	0.26	0.41	0.43	0.42	0.40	0.31	0.33	0.20	0.28	0.43	0.01	1.4%
NC_252	60	4558	8.27	8.15	0.36	8.19	3.10	5.17	5.31	5.30	8.06	8.19	7.38	6.11	5.31	8.19	0.00	0.0%
NC_253	45	4528	1.95	1.94	0.19	1.96	1.29	1.72	1.76	1.76	1.96	1.76	1.76	1.14	1.39	1.96	0.00	0.1%
NC_254	20	4433	0.43	0.42	0.05	0.42	0.26	0.41	0.43	0.42	0.39	0.31	0.33	0.20	0.28	0.43	0.01	1.2%
NC_255	25	4460	0.72	0.72	0.07	0.72	0.40	0.68	0.71	0.70	0.70	0.57	0.61	0.39	0.51	0.71	-0.01	-1.3%
NC_256	20	4433	0.46	0.45	0.06	0.46	0.31	0.45	0.46	0.46	0.42	0.33	0.35	0.21	0.29	0.46	0.00	-0.4%
NC_257	25	4460	0.86	0.87	0.09	0.87	0.48	0.80	0.86	0.84	0.83	0.65	0.71	0.43	0.59	0.86	-0.01	-1.1%
NC_258	60	4555	6.69	6.57	0.32	6.59	3.22	4.39	4.42	4.42	6.42	6.46	5.48	5.33	4.50	6.46	-0.13	-2.0%
NC_259	20	4433	0.52	0.51	0.07	0.51	0.37	0.51	0.51	0.51	0.46	0.37	0.38	0.23	0.33	0.51	0.00	0.6%
NC_260	30	4498	24.82	24.41	2.76	24.81	13.12	19.98	21.42	21.13	25.49	20.06	21.47	12.90	17.96	25.49	0.68	2.7%
NC_261	10	4357	0.73	0.74	0.08	0.75	0.75	0.66	0.64	0.65	0.49	0.40	0.41	0.23	0.33	0.75	-0.01	-0.7%
NC_262	20	4399	5.92	5.87	0.53	5.93	5.10	4.93	5.94	5.62	4.95	3.70	4.07	2.30	3.42	5.94	0.01	0.2%
NC_263	180	4599	174.91	174.66	12.61	181.68	48.72	88.35	88.81	88.82	135.23	148.21	167.11	182.11	172.25	182.11	0.42	0.2%
NC_264	20	4433	0.44	0.43	0.05	0.43	0.28	0.42	0.44	0.43	0.40	0.31	0.34	0.20	0.28	0.44	0.01	1.4%
NC_265	20	4433	1.00	0.93	0.16	0.93	0.99	0.93	0.93	0.93	0.73	0.59	0.61	0.34	0.50	0.99	0.06	6.5%
NC_266	20	4399	1.68	1.65	0.15	1.65	1.39	1.54	1.68	1.65	1.44	1.09	1.15	0.68	0.97	1.68	0.03	1.6%
NC_267	45	4528	0.84	0.83	0.10	0.84	0.37	0.73	0.76	0.75	0.84	0.73	0.74	0.48	0.62	0.84	0.00	-0.1%
NC_268	120	4499	24.90	24.86	3.56	26.13	5.79	10.70	10.77	10.76	19.83	22.33	26.13	23.95	20.71	26.13	0.00	0.0%
NC_269	45	4528	0.71	0.69	0.08	0.71	0.32	0.63	0.66	0.65	0.71	0.60	0.62	0.39	0.52	0.71	0.00	0.1%
NC_270	30	4498	2.10	2.08	0.17	2.12	1.13	1.79	1.91	1.89	2.13	1.74	1.76	1.09	1.37	2.13	0.01	0.4%
NC_271	60	4559	6.67	6.59	0.26	6.65	3.17	4.36	4.39	4.39	6.28	6.41	5.87	5.72	4.71	6.41	-0.24	-3.6%
NC_272	180	4599	14.34	14.45	0.89	14.80	5.63	8.39	8.41	8.41	11.13	11.95	13.67	14.91	12.99	14.91	0.11	0.8%
NC_273	45	4528	0.81	0.81	0.10	0.82	0.34	0.70	0.73	0.72	0.82	0.71	0.73	0.47	0.60	0.82	0.00	0.1%
NC_274	60	4463	8.84	8.75	0.31	8.76	3.39	5.61	5.81	5.76	8.47	8.78	7.88	6.65	5.96	8.78	0.02	0.2%
NC_275	45	4528	24.91	24.50	2.49	25.70	13.14	19.88	21.29	21.00	25.70	20.34	21.73	13.06	18.07	25.70	0.00	0.0%
NC_276	20	4371	0.61	0.58	0.10	0.58	0.57	0.58	0.57	0.58	0.46	0.37	0.38	0.21	0.31	0.58	0.00	0.0%
NC_277	45	4534	2.28	2.26	0.13	2.28	1.04	1.78	1.85	1.84	2.36	2.05	2.01	1.28	1.51	2.36	0.08	3.6%
NC_278	20	4371	0.62	0.59	0.10	0.59	0.57	0.59	0.59	0.59	0.48	0.39	0.40	0.22	0.33	0.59	0.00	0.5%
NC_279	45	4528	26.81	26.60	2.52	27.76	14.22	20.77	22.28	22.02	27.76	22.55	23.90	14.45	19.58	27.76	0.00	0.0%
NC_280	180	4599	174.89	174.65	12.64	181.68	48.74	88.39	88.85	88.86	135.28	148.25	167.15	182.10	172.16	182.10	0.42	0.2%
NC_281	20	4371	0.61	0.58	0.10	0.58	0.57	0.58	0.57	0.57	0.46	0.37	0.38	0.21	0.31	0.58	0.00	-0.2%
NC_282	20	4433	0.49	0.48	0.05	0.48	0.29	0.47	0.49	0.48	0.46	0.36	0.39	0.24	0.33	0.49	0.01	2.1%
NC_283	20	4429	1.13	1.07	0.17	1.08	1.09	1.03	1.08	1.07	0.86	0.66	0.70	0.40	0.58	1.09	0.01	1.0%
NC_284	45	4528	2.13	2.17	0.15	2.21	0.76	1.51	1.55	1.54	2.21	2.05	2.10	1.40	1.58	2.21	0.00	0.1%
NC_285	45	4496	35.88	35.75	1.48	35.90	19.87	30.05	31.68	31.51	37.00	31.47	30.44	19.81	23.76	37.00	1.10	3.1%
NC_286	20	4433	0.43	0.42	0.05	0.42	0.26	0.41	0.43	0.42	0.40	0.31	0.33	0.20	0.28	0.43	0.01	1.2%
NC_287	180	4599	175.30	174.87	12.33	181.74	48.69	88.30	88.76	88.77	135.19	148.17	167.10	182.27	173.24	182.27	0.53	0.3%
NC_288	20	4433	1.02	0.95	0.16	0.95	0.99	0.95	0.95	0.95	0.76	0.61	0.62	0.35	0.52	0.99	0.04	4.5%
NC_289	20	4429	4.33	4.31	0.33	4.35	3.48	3.70	4.35	4.17	3.80	2.85	3.08	1.78	2.55	4.35	0.00	0.0%
NC_290	20	4371	0.67	0.62	0.12	0.63	0.66	0.63	0.62	0.62	0.49	0.39	0.40	0.22	0.33	0.66	0.03	5.4%
NC_291	20	4371	0.80	0.75	0.13	0.75	0.76	0.75	0.75	0.75	0.60	0.48	0.49	0.28	0.41	0.76	0.01	1.5%
NC_292	45	4528	0.95	0.93	0.11	0.94	0.51	0.88	0.90	0.90	0.94	0.83	0.85	0.56	0.71	0.94	0.00	0.4%
NC_293	45	4496	13.55	13.49	0.46	13.57	5.86	10.14	10.41	10.38	13.93	12.74	12.11	8.32	9.26	13.93	0.36	2.7%
NC_294	45	4528	4.34	4.37	0.21	4.46	1.47	2.97	3.05	3.04	4.46	4.29	4.32	3.00	3.29	4.46	0.00	0.0%
NC_295	20	4371	0.70	0.66	0.12	0.66	0.68	0.66	0.66	0.66	0.53	0.42	0.43	0.24	0.36	0.68	0.02	2.6%
NC_296	20	4371	0.68	0.64	0.12	0.64	0.66	0.64	0.63	0.63	0.50	0.40	0.42	0.23	0.34	0.66	0.02	2.8%
NC_297	20	4433	1.08	1.03	0.13	1.04	0.90	0.97	1.07	1.04	0.90	0.68	0.73	0.42	0.62	1.07	0.03	2.9%
NC_298	25	4466	4.25	4.23	0.27	4.27	2.94	3.61	4.13	4.03	4.01	3.07	3.23	1.91	2.60	4.13	-0.14	-3.4%
NC_299	45	4534	53.64	53.32	2.02	53.37	25.34	41.70	43.25	43.06	55.21	49.86	47.59	32.80	36.93	55.21	1.84	3.4%
NC_300	20	4371	0.75	0.70	0.13	0.71	0.74	0.71	0.70	0.70	0.55	0.44	0.46	0.25	0.37	0.74	0.03	4.8%
NC_301	20	4429	1.38	1.29	0.23	1.29	1.37	1.27	1.29	1.29	1.01	0.80	0.84	0.47	0.69	1.37	0.08	5.8%
NC_302	180	4599	174.95	174.70	12.66	181.77	48.82	88.53	88.99	89.00	135.46	148.44	167.29	182.15	172.21	182.15	0.38	0.2%
NC_303	25	4461	2.38	2.42	0.20	2.45	1.68	2.15	2.41	2.36	2.22	1.71	1.80	1.09	1.50	2.41	-0.04	-1.8%
NC_304	45	4528	1.63	1.64	0.15	1.67	0.65	1.23	1.28	1.27	1.67	1.49	1.52	0.98	1.17	1.67	0.00	-0.2%
NC_305	20	4371	0.63	0.60	0.10	0.60	0.59	0.60	0.59	0.60	0.48	0.39	0.40	0.22	0.33	0.60	0.00	0.0%
NC_306	60	4558	5.24	5.22	0.40	5.22	1.61	3.32	3.39	3.38	5.16	5.22	5.24	3.83	4.02	5.24	0.02	0.3%
NC_307	45	4528	1.43	1.42	0.16	1.44	0.72	1.22	1.27	1.26	1.44	1.25	1.26	0.82	1.04	1.44	0.00	0.1%
NC_308	60	4558	18.58	18.27	1.27	18.29	6.97	12.93	13.11	13.08	18.90	18.29	17.12	12.52	13.13	18.90	0.61	3.3%
NC_309	45	4528	1.17	1.15	0.14	1.17	0.52	1.03	1.08	1.06	1.17	1.00	1.04	0.67	0.87	1.17	0.00	-0.1%
NC_310	90	4532	7.77	7.76	0.57	7.78	3.83	5.42	5.69	5.64	7.19	7.56	7.29	6.67	5.67	7.56	-0.22	-2.9%
NC_311	20	4429	2.21	2.21	0.16	2.23	1.73	1.92	2.23	2.16	1.93	1.44	1.56	0.90	1.30	2.23	0.00	0.2%
NC_312	20	4429	1.27	1.20	0.19	1.21	1.25	1.15	1.21	1.19	0.96	0.74	0.77	0.44	0.65	1.25	0.04	3.4%
NC_313	45	4496	13.48	13.42	0.43	13.50	5.76	10.01	10.27	10.24	13.84	12.78	12.09	8.45	9.27	13.84	0.34	2.5%
NC_314	20	4433	0.63	0.61	0.08	0.62	0.43	0.61	0.62	0.62	0.57	0.45	0.48	0.29	0.41	0.62	0.00	0.2%
NC_315	20	4429	2.10	2.02	0.26	2.05	2.02	1.85	2.05	1.99	1.63	1.22	1.32	0.75	1.11	2.05	0.00	0.2%
NC_316	60	4558	5.71	5.71	0.39	5.73	1.69	3.50	3.56	3.55	5.53	5.73	5.72	4.23	4.37	5.73	0.00	-0.1%
NC_317	20	4371	0.66	0.62	0.11	0.62	0.65	0.62	0.61	0.62	0.49	0.39	0.40	0.22	0.33	0.65	0.03	4.0%
NC_318	120	4499	164.15	163.81	12.47	164.28	48.34	87.50	87.98	87.98	133.67	146.15	164.28	172.63	145.97	172.63	8.35	5.1%
NC_319	20	4371	0.70	0.65	0.12	0.65	0.71	0.65	0.64	0.64	0.50	0.40	0.42	0.23	0.33	0.71	0.06	8.8%
NC_320	60	4558	5.93	5.93	0.39	5.95	1.71	3.56	3.62	3.61	5.70	5.95	5.94	4.42	4.52	5.95	0.00	0.0%
NC_321	20	4371	0.78	0.73	0.13	0.73	0.77	0.73	0.72	0.73	0.57	0.46	0.47	0.26	0.38	0.77	0.04	6.0%
NC_322	20	4433	0.46	0.45	0.06	0.45	0.32	0.45	0.46	0.45	0.41	0.32	0.34	0.20	0.29	0.46	0.01	1.6%
NC_323	20	4429	1.54	1.47	0.22	1.47	1.44	1.45	1.47	1.47	1.22	0.97	1.00	0.59	0.85	1.47	0.00	-0.1%
NC_324	60	4558	9.57	9.53	0.91	9.57	3.48	6.67	6.88	6.81	9.63	9.57	9.65	6.93	7.26	9.65	0.07	0.8%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_325	120	4611	20.35	20.20	0.46	20.27	7.51	11.46	11.49	11.49	15.97	17.08	20.09	20.57	19.29	20.57	0.30	1.5%
NC_326	60	4558	9.89	9.90	0.85	9.91	3.25	6.49	6.67	6.62	9.83	9.91	9.99	7.33	7.56	9.99	0.08	0.8%
NC_327	25	4464	0.73	0.72	0.07	0.73	0.44	0.70	0.71	0.71	0.72	0.59	0.63	0.39	0.53	0.72	-0.01	-1.9%
NC_328	20	4429	0.65	0.61	0.11	0.61	0.63	0.60	0.61	0.61	0.48	0.38	0.40	0.22	0.33	0.63	0.02	3.4%
NC_329	20	4371	0.75	0.71	0.13	0.71	0.73	0.71	0.70	0.70	0.56	0.45	0.46	0.26	0.38	0.73	0.02	3.2%
NC_330	20	4371	0.65	0.61	0.11	0.61	0.64	0.61	0.60	0.61	0.48	0.39	0.40	0.22	0.32	0.64	0.03	4.6%
NC_331	45	4496	14.24	14.16	0.39	14.28	5.93	10.41	10.66	10.64	14.58	13.71	12.85	9.22	9.89	14.58	0.30	2.1%
NC_332	20	4367	2.18	2.09	0.26	2.10	2.03	1.96	2.12	2.08	1.75	1.34	1.43	0.84	1.21	2.12	0.02	1.1%
NC_333	25	4394	5.12	5.20	0.37	5.25	3.50	4.49	5.05	4.95	4.83	3.72	3.91	2.34	3.17	5.05	-0.20	-3.8%
NC_334	20	4371	0.69	0.64	0.12	0.65	0.66	0.65	0.64	0.64	0.51	0.41	0.42	0.24	0.35	0.66	0.01	1.2%
NC_335	20	4433	0.43	0.42	0.05	0.42	0.26	0.41	0.43	0.42	0.39	0.31	0.33	0.20	0.28	0.43	0.01	1.4%
NC_336	20	4433	0.43	0.42	0.05	0.43	0.27	0.42	0.43	0.43	0.40	0.31	0.34	0.20	0.28	0.43	0.00	0.5%
NC_337	20	4371	0.85	0.79	0.14	0.80	0.85	0.80	0.79	0.79	0.62	0.50	0.52	0.29	0.42	0.85	0.05	6.0%
NC_338	20	4433	0.49	0.48	0.05	0.48	0.30	0.47	0.49	0.48	0.46	0.36	0.39	0.23	0.33	0.49	0.01	1.5%
NC_339	20	4404	1.42	1.41	0.13	1.41	1.24	1.22	1.43	1.36	1.18	0.88	0.97	0.55	0.81	1.43	0.02	1.5%
NC_340	20	4371	0.52	0.51	0.08	0.51	0.43	0.51	0.51	0.51	0.44	0.35	0.35	0.21	0.30	0.51	0.00	-0.6%
NC_341	120	4611	20.34	20.20	0.43	20.24	7.49	11.44	11.47	11.47	15.94	17.06	20.12	20.63	19.42	20.63	0.39	1.9%
NC_342	20	4367	3.96	3.82	0.41	3.83	3.68	3.45	3.93	3.79	3.17	2.37	2.57	1.47	2.18	3.93	0.10	2.6%
NC_343	25	4462	0.97	0.98	0.11	0.98	0.57	0.91	0.98	0.96	0.93	0.73	0.80	0.49	0.67	0.98	0.00	0.1%
NC_344	20	4429	1.33	1.27	0.19	1.28	1.28	1.21	1.28	1.26	1.03	0.79	0.83	0.47	0.70	1.28	0.00	0.2%
NC_345	20	4433	0.43	0.42	0.05	0.42	0.26	0.41	0.43	0.42	0.39	0.31	0.33	0.20	0.28	0.43	0.01	1.2%
NC_346	20	4367	3.81	3.69	0.44	3.75	3.54	3.29	3.76	3.61	3.01	2.26	2.45	1.39	2.06	3.76	0.01	0.3%
NC_347	20	4371	0.69	0.64	0.12	0.64	0.69	0.64	0.63	0.64	0.49	0.40	0.41	0.23	0.33	0.69	0.05	8.1%
NC_348	45	4528	0.74	0.73	0.09	0.75	0.32	0.64	0.67	0.67	0.75	0.64	0.66	0.42	0.54	0.75	0.00	-0.1%
NC_349	45	4528	1.06	1.07	0.12	1.07	0.49	0.89	0.90	0.90	1.07	0.97	0.97	0.64	0.79	1.07	0.00	0.1%
NC_350	60	4405	10.37	10.37	0.81	10.37	3.32	6.63	6.79	6.76	10.19	10.37	10.52	7.89	8.01	10.52	0.15	1.5%
NC_351	25	4464	0.70	0.69	0.06	0.70	0.37	0.65	0.67	0.66	0.69	0.58	0.61	0.39	0.51	0.69	-0.01	-1.3%
NC_352	45	4528	1.30	1.32	0.13	1.32	0.56	0.99	1.00	1.00	1.32	1.23	1.25	0.82	0.95	1.32	0.00	-0.3%
NC_353	20	4433	1.26	1.22	0.13	1.22	1.11	1.17	1.24	1.22	1.04	0.80	0.83	0.49	0.70	1.24	0.02	1.4%
NC_354	60	4558	18.44	18.13	1.30	18.15	6.97	12.90	13.08	13.05	18.82	18.15	17.01	12.35	13.05	18.82	0.67	3.7%
NC_355	120	4499	164.15	163.81	12.47	164.29	48.35	87.50	87.99	88.00	133.67	146.17	164.29	172.63	145.99	172.63	8.34	5.1%
NC_356	90	4585	10.76	10.93	0.88	11.07	3.41	5.85	5.89	5.87	9.79	10.65	11.06	9.06	8.59	11.06	-0.01	-0.1%
NC_357	20	4371	0.75	0.69	0.13	0.69	0.75	0.69	0.69	0.69	0.54	0.43	0.45	0.25	0.36	0.75	0.06	9.3%
NC_358	45	4528	5.30	5.30	0.53	5.49	2.07	4.17	4.42	4.35	5.49	4.66	4.88	3.08	3.86	5.49	0.00	0.0%
NC_359	20	4429	1.34	1.29	0.18	1.31	1.28	1.19	1.31	1.27	1.04	0.79	0.85	0.48	0.71	1.31	0.00	-0.2%
NC_360	25	4464	1.02	1.02	0.09	1.02	0.49	0.93	0.99	0.97	1.00	0.80	0.87	0.54	0.72	1.00	-0.02	-2.4%
NC_361	25	4464	1.49	1.48	0.12	1.50	1.03	1.40	1.47	1.46	1.45	1.21	1.26	0.80	1.05	1.47	-0.03	-2.1%
NC_362	120	4499	164.16	163.81	12.48	164.30	48.36	87.52	88.00	88.01	133.69	146.18	164.30	172.61	145.99	172.61	8.31	5.1%
NC_363	20	4433	0.49	0.48	0.06	0.48	0.32	0.48	0.49	0.48	0.45	0.35	0.38	0.23	0.32	0.49	0.01	1.7%
NC_364	20	4371	0.67	0.62	0.11	0.62	0.65	0.62	0.62	0.62	0.49	0.39	0.40	0.22	0.33	0.65	0.03	5.5%
NC_365	45	4528	1.08	1.09	0.11	1.10	0.38	0.81	0.83	0.82	1.10	1.00	1.01	0.65	0.78	1.10	0.00	0.0%
NC_366	20	4433	0.99	0.93	0.16	0.93	0.96	0.93	0.92	0.93	0.74	0.59	0.61	0.35	0.51	0.96	0.03	2.9%
NC_367	45	4528	0.80	0.79	0.09	0.81	0.35	0.70	0.73	0.72	0.81	0.69	0.71	0.45	0.59	0.81	0.00	-0.4%
NC_368	45	4528	5.27	5.18	0.60	5.40	2.39	4.52	4.88	4.75	5.40	4.41	4.71	2.94	3.83	5.40	0.00	0.0%
NC_369	20	4433	0.47	0.45	0.05	0.46	0.29	0.45	0.46	0.46	0.43	0.34	0.36	0.22	0.31	0.46	0.00	0.9%
NC_370	20	4371	0.67	0.63	0.11	0.63	0.65	0.63	0.63	0.63	0.50	0.40	0.41	0.23	0.34	0.65	0.02	3.3%
NC_371	25	4460	2.30	2.32	0.21	2.35	1.17	2.05	2.23	2.17	2.28	1.81	1.97	1.21	1.62	2.28	-0.07	-3.0%
NC_372	120	4499	164.16	163.81	12.48	164.30	48.36	87.53	88.01	88.02	133.70	146.19	164.30	172.61	145.97	172.61	8.31	5.1%
NC_373	20	4371	0.68	0.63	0.12	0.63	0.68	0.63	0.62	0.63	0.49	0.39	0.41	0.22	0.33	0.68	0.05	7.5%
NC_374	25	4464	0.91	0.90	0.09	0.91	0.49	0.86	0.89	0.88	0.89	0.76	0.80	0.52	0.67	0.89	-0.02	-2.1%
NC_375	60	4558	6.14	6.12	0.54	6.13	2.26	4.26	4.38	4.36	6.21	6.13	6.55	5.06	5.14	6.55	0.42	6.9%
NC_376	20	4371	0.76	0.71	0.13	0.71	0.75	0.71	0.70	0.70	0.55	0.44	0.46	0.26	0.37	0.75	0.04	5.5%
NC_377	60	4558	11.79	11.78	0.97	11.79	3.99	7.64	7.85	7.82	11.66	11.79	12.03	9.03	9.16	12.03	0.24	2.0%
NC_378	20	4433	0.49	0.48	0.07	0.48	0.36	0.48	0.49	0.48	0.43	0.34	0.36	0.21	0.30	0.49	0.01	1.3%
NC_379	20	4371	0.78	0.72	0.13	0.72	0.79	0.72	0.71	0.71	0.55	0.44	0.46	0.25	0.37	0.79	0.07	9.6%
NC_380	30	4500	4.97	4.88	0.56	4.89	2.32	4.33	4.67	4.55	5.06	4.14	4.42	2.76	3.60	5.06	0.17	3.5%
NC_381	90	4585	10.94	11.09	0.88	11.24	3.47	5.90	5.94	5.92	9.85	10.74	11.29	9.25	8.77	11.29	0.05	0.4%
NC_382	20	4371	0.62	0.58	0.10	0.58	0.57	0.58	0.58	0.58	0.47	0.37	0.39	0.22	0.32	0.58	0.00	0.3%
NC_383	20	4433	1.20	1.17	0.14	1.18	0.87	1.14	1.20	1.18	1.09	0.85	0.91	0.55	0.77	1.20	0.02	1.5%
NC_384	20	4433	0.56	0.55	0.06	0.56	0.35	0.55	0.56	0.56	0.53	0.41	0.45	0.27	0.38	0.56	0.00	0.2%
NC_385	120	4499	29.14	29.24	2.49	29.69	11.42	17.58	18.33	18.26	23.50	23.52	29.69	29.34	24.59	29.69	0.00	0.0%
NC_386	10	4364	0.73	0.73	0.08	0.74	0.74	0.65	0.64	0.65	0.49	0.40	0.41	0.23	0.33	0.74	0.00	-0.4%
NC_387	20	4429	0.65	0.63	0.10	0.63	0.55	0.63	0.63	0.63	0.54	0.43	0.44	0.26	0.37	0.63	0.00	0.3%
NC_388	25	4464	0.73	0.73	0.07	0.73	0.41	0.70	0.73	0.72	0.72	0.59	0.63	0.40	0.53	0.73	0.00	-0.3%
NC_389	45	4528	2.81	2.78	0.32	2.84	1.42	2.44	2.58	2.53	2.84	2.45	2.49	1.63	2.03	2.84	0.00	-0.2%
NC_390	20	4433	0.52	0.51	0.05	0.52	0.31	0.50	0.52	0.52	0.50	0.39	0.42	0.26	0.36	0.52	0.00	0.6%
NC_391	20	4367	2.13	2.04	0.27	2.05	1.94	1.94	2.07	2.03	1.70	1.31	1.38	0.79	1.17	2.07	0.02	1.0%
NC_392	20	4433	0.48	0.47	0.05	0.48	0.29	0.46	0.48	0.48	0.45	0.35	0.38	0.23	0.32	0.48	0.00	0.2%
NC_393	10	4364	2.10	2.11	0.15	2.12	2.12	1.83	1.95	1.91	1.50	1.15	1.23	0.70	1.02	2.12	0.00	0.1%
NC_394	120	4499	164.36	164.00	12.60	164.76	48.66	88.02	88.51	88.51	134.32	146.78	164.76	172.44	146.23	172.44	7.68	4.7%
NC_395	20	4371	0.65	0.61	0.11	0.61	0.63	0.61	0.60	0.60	0.48	0.38	0.40	0.22	0.32	0.63	0.02	3.3%
NC_396	45	4528	2.38	2.33	0.28	2.41	1.07	2.06	2.21	2.15	2.41	2.01	2.13	1.35	1.74	2.41	0.00	-0.1%
NC_397	45	4496	3.00	2.99	0.06	3.01	2.16	2.70	2.78	2.77	3.06	2.87	2.72	2.07	2.26	3.06	0.05	1.7%
NC_398	20	4433	0.44	0.43	0.05	0.43	0.27	0.42	0.43	0.43	0.40	0.31	0.33	0.20	0.28	0.43	0.00	0.9%
NC_399	120	4499	164.16	163.81	12.48	164.32	48.37	87.53	88.02	88.03	133.72	146.21	164.32	172.61	145.93	172.61	8.29	5.0%
NC_400	10	4357	0.71	0.72	0.08	0.72	0.72	0.65	0.63	0.64	0.49	0.40	0.41	0.23	0.33	0.72	0.00	0.1%
NC_401	90	4588	12.06	12.23	1.01	12.34	4.86	7.58	7.73	7.71	10.41	11.64	12.66	10.14	9.64	12.66	0.32	2.6%
NC_402	20	4429	1.67	1.60	0.21	1.61	1.62	1.48	1.61	1.58	1.28	0.97	1.04	0.60	0.88	1.62	0.01	0.6%
NC_403	120	4499	164.19	163.80	12.54	164.46	48.49	87.72	88.21	88.22	133.95	146.42	164.46	172.41	146.03	172.41	7.94	4.8%
NC_404	120	4499	164.17	163.82	12.49	164.32	48.37	87.55	88.03	88.03	133.73	146.21	164.32	172.59	145.98	172.59	8.27	5.0%
NC_405	20	4433	0.45	0.44	0.06	0.45	0.31	0.44	0.45	0.45	0.41	0.32	0.34	0.20	0.28	0.45	0.00	0.0%

Catchment Simulation Solutions

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_406	20	4429	3.17	3.00	0.43	3.04	3.13	2.79	3.04	2.96	2.38	1.82	1.94	1.10	1.62	3.13	0.09	2.9%
NC_407	20	4371	0.67	0.63	0.11	0.63	0.65	0.63	0.62	0.63	0.50	0.40	0.41	0.23	0.34	0.65	0.02	2.9%
NC_408	45	4528	2.47	2.44	0.28	2.48	1.29	2.20	2.29	2.26	2.48	2.17	2.18	1.43	1.80	2.48	0.00	0.0%
NC_409	20	4371	0.79	0.73	0.14	0.73	0.80	0.73	0.72	0.73	0.56	0.45	0.47	0.26	0.38	0.80	0.07	9.9%
NC_410	20	4433	1.31	1.24	0.17	1.26	1.14	1.21	1.28	1.26	1.07	0.83	0.87	0.51	0.74	1.28	0.02	1.3%
NC_411	20	4367	2.35	2.29	0.25	2.30	2.23	2.04	2.33	2.25	1.86	1.38	1.50	0.86	1.27	2.33	0.03	1.3%
NC_412	20	4433	1.40	1.33	0.19	1.34	1.27	1.31	1.36	1.34	1.13	0.88	0.91	0.53	0.77	1.36	0.02	1.3%
NC_413	20	4371	0.75	0.70	0.13	0.70	0.76	0.70	0.69	0.69	0.54	0.43	0.45	0.25	0.36	0.76	0.06	8.9%
NC_414	20	4371	0.65	0.61	0.11	0.61	0.65	0.61	0.60	0.61	0.48	0.38	0.40	0.22	0.32	0.65	0.04	5.9%
NC_415	10	4357	0.92	0.93	0.09	0.94	0.94	0.85	0.84	0.85	0.66	0.53	0.55	0.30	0.44	0.94	0.00	-0.4%
NC_416	20	4371	0.90	0.83	0.15	0.84	0.90	0.84	0.83	0.83	0.65	0.52	0.54	0.30	0.44	0.90	0.06	7.5%
NC_417	25	4464	1.78	1.76	0.11	1.78	1.27	1.70	1.73	1.74	1.75	1.51	1.49	0.98	1.24	1.75	-0.03	-1.9%
NC_418	10	4364	0.83	0.83	0.09	0.84	0.84	0.74	0.73	0.74	0.56	0.45	0.47	0.26	0.38	0.84	0.00	0.1%
NC_419	20	4429	3.14	3.15	0.24	3.18	2.58	2.66	3.18	3.05	2.67	1.99	2.15	1.23	1.79	3.18	0.00	-0.1%
NC_420	20	4371	0.69	0.64	0.12	0.64	0.70	0.64	0.63	0.64	0.50	0.40	0.41	0.23	0.33	0.70	0.06	9.1%
NC_421	45	4528	1.32	1.33	0.13	1.34	0.51	1.00	1.03	1.02	1.34	1.22	1.22	0.79	0.94	1.34	0.00	0.2%
NC_422	120	4499	164.03	163.52	12.65	164.63	48.68	88.03	88.52	88.53	134.29	146.74	164.63	171.76	146.01	171.76	7.13	4.3%
NC_423	20	4371	0.71	0.66	0.12	0.66	0.71	0.66	0.66	0.66	0.52	0.42	0.43	0.24	0.35	0.71	0.04	6.8%
NC_424	30	4498	4.08	4.02	0.45	4.07	1.95	3.45	3.76	3.68	4.19	3.38	3.58	2.18	2.92	4.19	0.12	2.9%
NC_425	25	4460	0.87	0.88	0.09	0.88	0.45	0.80	0.86	0.84	0.84	0.66	0.72	0.44	0.60	0.86	-0.02	-1.8%
NC_426	20	4371	0.68	0.64	0.12	0.64	0.68	0.64	0.63	0.63	0.50	0.40	0.41	0.23	0.33	0.68	0.04	5.9%
NC_427	20	4429	3.35	3.27	0.36	3.32	3.21	2.86	3.32	3.18	2.62	1.94	2.12	1.21	1.79	3.32	0.00	-0.1%
NC_428	20	4433	1.01	0.98	0.11	0.98	0.90	0.93	1.00	0.98	0.82	0.62	0.64	0.37	0.55	1.00	0.02	1.7%
NC_429	20	4371	0.67	0.62	0.12	0.62	0.66	0.62	0.61	0.62	0.48	0.39	0.40	0.22	0.33	0.66	0.04	7.1%
NC_430	10	4364	1.10	1.10	0.11	1.11	1.11	0.93	0.93	0.93	0.70	0.56	0.59	0.32	0.47	1.11	0.00	-0.3%
NC_431	20	4433	0.51	0.50	0.08	0.50	0.39	0.50	0.50	0.50	0.44	0.35	0.36	0.21	0.31	0.50	0.00	0.2%
NC_432	20	4399	2.97	2.91	0.27	2.93	2.72	2.53	2.97	2.85	2.37	1.75	1.92	1.09	1.62	2.97	0.04	1.3%
NC_433	20	4428	2.21	2.21	0.16	2.22	1.69	1.98	2.24	2.18	1.95	1.46	1.57	0.92	1.32	2.24	0.02	0.9%
NC_434	20	4433	0.43	0.42	0.05	0.42	0.26	0.41	0.42	0.42	0.39	0.31	0.33	0.20	0.28	0.42	0.00	1.0%
NC_435	10	4364	0.78	0.79	0.08	0.79	0.79	0.69	0.68	0.69	0.52	0.42	0.44	0.24	0.35	0.79	0.00	0.1%
NC_436	25	4461	3.20	3.19	0.18	3.21	2.13	2.81	3.07	3.05	2.99	2.29	2.38	1.42	1.90	3.07	-0.14	-4.3%
NC_437	120	4499	164.16	163.68	12.69	164.82	48.78	88.19	88.70	88.70	134.52	146.96	164.82	171.83	146.13	171.83	7.01	4.3%
NC_438	10	4364	1.40	1.41	0.11	1.42	1.42	1.22	1.28	1.27	0.99	0.76	0.80	0.46	0.67	1.42	0.00	-0.1%
NC_439	20	4433	0.43	0.42	0.05	0.42	0.26	0.41	0.42	0.42	0.39	0.31	0.33	0.20	0.28	0.42	0.00	1.0%
NC_440	25	4460	3.41	3.41	0.23	3.44	2.48	3.15	3.35	3.31	3.33	2.80	2.82	1.84	2.37	3.35	-0.09	-2.7%
NC_441	20	4433	1.14	1.10	0.14	1.11	0.90	1.06	1.13	1.11	0.98	0.76	0.81	0.48	0.69	1.13	0.02	2.1%
NC_442	20	4433	0.68	0.65	0.11	0.65	0.61	0.65	0.65	0.65	0.54	0.43	0.44	0.25	0.37	0.65	0.00	0.2%
NC_443	90	4585	14.91	15.15	1.52	15.30	8.88	11.87	12.86	12.66	14.09	14.46	16.11	12.32	12.33	16.11	0.81	5.3%
NC_444	20	4433	1.12	1.08	0.12	1.09	0.99	1.04	1.10	1.09	0.92	0.70	0.73	0.43	0.62	1.10	0.01	1.2%
NC_445	20	4433	0.50	0.49	0.06	0.50	0.31	0.49	0.50	0.50	0.47	0.37	0.40	0.24	0.33	0.50	0.00	0.2%
NC_446	10	4364	2.00	2.01	0.11	2.01	2.01	1.70	1.90	1.84	1.46	1.09	1.18	0.67	0.99	2.01	0.00	0.1%
NC_447	20	4433	1.48	1.41	0.19	1.42	1.36	1.35	1.45	1.42	1.19	0.90	0.96	0.55	0.81	1.45	0.03	2.0%
NC_448	45	4528	2.82	2.80	0.32	2.87	1.16	2.33	2.48	2.43	2.87	2.44	2.54	1.62	2.04	2.87	0.00	0.1%
NC_449	25	4394	3.29	3.34	0.22	3.35	2.22	2.91	3.24	3.18	3.08	2.37	2.47	1.49	2.03	3.24	-0.12	-3.4%
NC_450	30	4498	3.42	3.35	0.39	3.39	1.70	2.91	3.20	3.13	3.48	2.78	2.97	1.81	2.44	3.48	0.09	2.7%
NC_451	25	4461	3.11	3.17	0.22	3.18	1.59	2.66	2.95	2.87	3.12	2.47	2.66	1.61	2.18	3.12	-0.06	-2.0%
NC_452	120	4499	5.39	5.39	0.35	5.53	1.32	2.66	2.67	2.67	4.15	4.58	5.53	5.60	5.35	5.60	0.07	1.2%
NC_453	20	4433	1.21	1.15	0.14	1.16	1.07	1.14	1.17	1.16	1.01	0.80	0.82	0.50	0.70	1.17	0.01	0.8%
NC_454	45	4528	1.08	1.07	0.12	1.09	0.56	0.95	0.98	0.97	1.09	0.94	0.95	0.62	0.78	1.09	0.00	-0.3%
NC_455	45	4528	1.77	1.75	0.21	1.79	0.77	1.52	1.62	1.58	1.79	1.52	1.58	1.01	1.30	1.79	0.00	0.1%
NC_456	10	4364	1.68	1.69	0.13	1.70	1.70	1.41	1.50	1.48	1.14	0.88	0.93	0.53	0.77	1.70	0.00	-0.2%
NC_457	120	4499	164.25	163.79	12.71	164.95	48.85	88.30	88.80	88.81	134.65	147.11	164.95	171.88	146.24	171.88	6.93	4.2%
NC_458	120	4617	51.30	51.49	1.85	51.71	18.63	29.82	30.51	30.47	41.99	43.51	51.71	52.67	46.95	52.67	0.95	1.8%
NC_459	10	4364	0.76	0.76	0.08	0.77	0.77	0.67	0.66	0.66	0.50	0.40	0.42	0.23	0.34	0.77	0.00	0.0%
NC_460	10	4364	0.75	0.76	0.08	0.77	0.77	0.68	0.67	0.67	0.51	0.41	0.43	0.24	0.34	0.77	0.00	-0.5%
NC_461	20	4429	2.34	2.33	0.16	2.35	1.97	2.08	2.35	2.30	1.94	1.43	1.52	0.88	1.28	2.35	0.00	0.1%
NC_462	20	4429	1.96	1.88	0.25	1.91	1.88	1.74	1.91	1.85	1.52	1.16	1.23	0.71	1.04	1.91	0.00	-0.2%
NC_463	20	4429	2.27	2.17	0.27	2.21	2.28	1.98	2.21	2.14	1.72	1.29	1.39	0.80	1.17	2.28	0.07	3.2%
NC_464	20	4429	0.50	0.48	0.08	0.49	0.38	0.48	0.49	0.49	0.43	0.34	0.35	0.20	0.29	0.49	-0.01	-1.0%
NC_465	20	4429	1.66	1.57	0.23	1.59	1.66	1.50	1.59	1.56	1.25	0.96	1.00	0.58	0.85	1.66	0.07	4.2%
NC_466	60	4558	31.41	30.92	2.20	31.07	10.86	18.22	18.72	18.69	30.98	31.07	32.68	22.89	25.62	32.68	1.61	5.2%
NC_467	20	4433	0.43	0.42	0.05	0.42	0.26	0.41	0.43	0.42	0.39	0.31	0.33	0.20	0.28	0.43	0.01	1.2%
NC_468	20	4433	0.95	0.89	0.16	0.89	0.94	0.89	0.89	0.89	0.71	0.56	0.58	0.33	0.48	0.94	0.05	5.3%
NC_469	20	4404	1.73	1.73	0.13	1.73	1.34	1.56	1.75	1.71	1.51	1.13	1.22	0.72	1.02	1.75	0.02	1.2%
NC_470	45	4528	3.50	3.48	0.27	3.57	2.05	2.99	3.19	3.16	3.57	3.09	3.09	2.01	2.43	3.57	0.00	0.0%
NC_471	10	4357	0.76	0.76	0.08	0.77	0.77	0.67	0.66	0.67	0.50	0.41	0.43	0.23	0.34	0.77	0.00	-0.1%
NC_472	25	4460	0.77	0.77	0.07	0.77	0.48	0.73	0.77	0.76	0.74	0.59	0.63	0.39	0.53	0.77	0.00	-0.5%
NC_473	10	4357	0.78	0.79	0.08	0.79	0.79	0.72	0.71	0.72	0.55	0.44	0.46	0.26	0.37	0.79	0.00	0.4%
NC_474	20	4433	0.42	0.41	0.05	0.42	0.26	0.41	0.42	0.42	0.39	0.31	0.33	0.20	0.28	0.42	0.00	0.7%
NC_475	10	4364	0.79	0.79	0.08	0.79	0.79	0.67	0.66	0.67	0.50	0.40	0.42	0.23	0.34	0.79	0.00	0.3%
NC_476	20	4433	0.55	0.53	0.08	0.53	0.46	0.53	0.53	0.53	0.45	0.36	0.36	0.21	0.31	0.53	0.00	0.0%
NC_477	20	4371	0.66	0.62	0.11	0.63	0.64	0.63	0.62	0.62	0.49	0.40	0.41	0.23	0.33	0.64	0.01	1.7%
NC_478	10	4364	1.45	1.46	0.11	1.46	1.46	1.23	1.30	1.28	0.99	0.76	0.81	0.46	0.67	1.46	0.00	0.3%
NC_479	10	4364	2.29	2.30	0.12	2.31	2.31	1.89	2.13	2.06	1.62	1.20	1.30	0.75	1.09	2.31	0.00	0.1%
NC_480	10	4364	1.30	1.31	0.12	1.32	1.32	1.11	1.11	1.11	0.84	0.67	0.70	0.39	0.56	1.32	0.00	-0.1%
NC_481	45	4528	0.82	0.81	0.10	0.82	0.36	0.72	0.75	0.74	0.82	0.71	0.73	0.47	0.61	0.82	0.00	0.5%
NC_482	10	4364	1.56	1.57	0.12	1.58	1.58	1.35	1.42	1.40	1.09	0.84	0.88	0.50	0.73	1.58	0.00	0.2%
NC_483	60	4558	31.76	31.27	1.88	31.40	11.28	18.15	18.63	18.60	30.89	31.40	33.11	24.05	26.08	33.11	1.71	5.4%
NC_484	60	4558	5.00	4.96	0.23	4.97	1.97	3.09	3.13	3.12	4.73	4.97	4.73	4.04	3.34	4.97	0.00	0.0%
NC_485	45	4528	5.84	5.83	0.38	6.02	3.47	4.92	5.32	5.27	6.02	5.48	5.57	4.05	4.35	6.02	0.00	-0.1%
NC_486	20	4371	0.90	0.83	0.15	0.83	0.90	0.83	0.83	0.83	0.65	0.52	0.54	0.30	0.44	0.90	0.07	7.8%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_487	10	4364	0.97	0.96	0.08	0.96	0.96	0.85	0.77	0.82	0.58	0.47	0.49	0.27	0.39	0.96	0.00	0.3%
NC_488	180	4651	5.62	5.76	0.62	5.90	1.34	2.70	2.71	2.71	4.22	4.65	5.65	5.94	5.55	5.94	0.04	0.7%
NC_489	20	4433	0.99	0.92	0.16	0.93	0.98	0.92	0.92	0.93	0.73	0.58	0.60	0.34	0.50	0.98	0.05	5.6%
NC_490	10	4364	0.95	0.95	0.09	0.96	0.96	0.81	0.79	0.80	0.59	0.48	0.50	0.27	0.40	0.96	0.00	-0.3%
NC_491	10	4364	0.99	0.98	0.09	0.99	0.99	0.85	0.80	0.84	0.60	0.49	0.51	0.28	0.41	0.99	0.00	-0.1%
NC_492	60	4558	27.24	27.04	1.68	27.07	11.06	18.27	18.73	18.73	26.56	27.07	27.47	22.20	20.96	27.47	0.40	1.5%
NC_493	20	4429	1.35	1.27	0.20	1.28	1.34	1.21	1.28	1.26	1.00	0.77	0.81	0.46	0.68	1.34	0.06	4.9%
NC_494	10	4364	1.41	1.42	0.11	1.43	1.43	1.22	1.29	1.27	0.99	0.76	0.81	0.46	0.67	1.43	0.00	0.0%
NC_495	20	4371	0.63	0.60	0.10	0.60	0.59	0.60	0.60	0.60	0.48	0.39	0.40	0.22	0.33	0.60	0.00	0.3%
NC_496	10	4364	0.73	0.73	0.08	0.74	0.74	0.66	0.64	0.65	0.49	0.40	0.42	0.23	0.33	0.74	0.00	0.0%
NC_497	45	4528	0.80	0.79	0.09	0.81	0.32	0.67	0.70	0.69	0.81	0.69	0.71	0.46	0.59	0.81	0.00	-0.1%
NC_498	20	4371	0.91	0.84	0.15	0.84	0.91	0.84	0.83	0.84	0.65	0.52	0.54	0.30	0.44	0.91	0.07	8.8%
NC_499	120	4617	51.41	51.58	1.79	51.79	18.62	29.85	30.50	30.47	42.12	43.68	51.85	52.86	47.13	52.86	1.07	2.1%
NC_500	25	4461	1.89	1.92	0.18	1.95	1.10	1.63	1.85	1.78	1.82	1.42	1.54	0.92	1.30	1.85	-0.10	-5.2%
NC_501	10	4364	2.30	2.31	0.12	2.32	2.32	1.94	2.17	2.11	1.67	1.24	1.33	0.77	1.13	2.32	0.00	-0.2%
NC_502	120	4499	164.34	163.89	12.74	165.07	48.91	88.41	88.91	88.92	134.80	147.25	165.07	171.93	146.29	171.93	6.86	4.2%
NC_503	10	4364	1.72	1.72	0.13	1.73	1.73	1.39	1.44	1.42	1.07	0.83	0.88	0.50	0.72	1.73	0.00	0.2%
NC_504	20	4399	1.41	1.39	0.13	1.39	0.95	1.28	1.42	1.38	1.32	1.01	1.10	0.64	0.93	1.42	0.03	2.4%
NC_505	20	4433	1.11	1.06	0.13	1.07	0.96	1.04	1.08	1.07	0.93	0.73	0.76	0.45	0.64	1.08	0.01	0.7%
NC_506	60	4558	5.03	5.02	0.29	5.03	2.00	3.10	3.14	3.13	4.83	5.03	4.79	3.92	3.31	5.03	0.00	-0.1%
NC_507	10	4364	3.45	3.47	0.17	3.48	3.48	2.78	3.15	3.05	2.38	1.77	1.92	1.10	1.61	3.48	0.00	0.1%
NC_508	20	4399	0.92	0.91	0.08	0.91	0.65	0.86	0.92	0.91	0.83	0.64	0.69	0.41	0.58	0.92	0.01	1.2%
NC_509	25	4460	0.85	0.86	0.08	0.86	0.43	0.78	0.84	0.82	0.83	0.65	0.71	0.43	0.59	0.84	-0.02	-1.9%
NC_510	10	4364	2.25	2.26	0.12	2.27	2.27	1.90	2.12	2.06	1.62	1.21	1.31	0.75	1.10	2.27	0.00	0.0%
NC_511	10	4364	1.39	1.40	0.11	1.41	1.41	1.21	1.28	1.26	0.98	0.75	0.80	0.45	0.66	1.41	0.00	0.1%
NC_512	10	4364	0.92	0.93	0.09	0.94	0.94	0.85	0.85	0.85	0.66	0.53	0.55	0.30	0.44	0.94	0.00	-0.4%
NC_513	10	4364	2.01	2.02	0.12	2.03	2.03	1.63	1.82	1.77	1.37	1.03	1.11	0.64	0.93	2.03	0.00	-0.1%
NC_514	10	4364	1.15	1.15	0.11	1.16	1.16	0.98	0.95	0.97	0.72	0.57	0.60	0.33	0.48	1.16	0.00	-0.2%
NC_515	25	4460	1.28	1.29	0.10	1.30	0.59	1.12	1.21	1.18	1.27	1.02	1.10	0.67	0.91	1.27	-0.03	-2.0%
NC_516	10	4364	2.19	2.20	0.10	2.21	2.21	1.77	2.01	1.94	1.53	1.13	1.23	0.71	1.04	2.21	0.00	-0.1%
NC_517	20	4433	0.54	0.53	0.05	0.53	0.31	0.52	0.54	0.53	0.51	0.40	0.44	0.27	0.37	0.54	0.01	1.1%
NC_518	15	4401	2.84	2.75	0.27	2.77	2.82	2.32	2.73	2.62	2.09	1.53	1.68	0.96	1.41	2.82	0.04	1.6%
NC_519	120	4499	164.41	163.97	12.76	165.19	48.97	88.52	89.02	89.03	134.94	147.40	165.19	171.94	146.40	171.94	6.75	4.1%
NC_520	120	4617	51.42	51.59	1.77	51.82	18.59	29.83	30.47	30.44	42.11	43.70	51.86	52.92	47.15	52.92	1.10	2.1%
NC_521	20	4433	0.43	0.42	0.05	0.43	0.26	0.41	0.43	0.43	0.40	0.31	0.34	0.20	0.28	0.43	0.00	0.2%
NC_522	10	4364	1.96	1.97	0.14	1.98	1.98	1.72	1.82	1.80	1.41	1.08	1.13	0.65	0.95	1.98	0.00	-0.1%
NC_523	10	4364	1.62	1.63	0.13	1.64	1.64	1.35	1.43	1.41	1.08	0.83	0.88	0.50	0.73	1.64	0.00	-0.1%
NC_524	60	4558	27.18	26.97	1.63	27.01	10.93	18.19	18.62	18.62	26.47	27.01	27.41	22.33	20.91	27.41	0.40	1.5%
NC_525	25	4394	1.12	1.12	0.06	1.13	0.57	1.00	1.06	1.05	1.11	0.91	0.93	0.58	0.76	1.11	-0.02	-1.9%
NC_526	25	4394	19.59	19.83	1.19	19.94	14.13	17.33	19.20	18.88	19.15	17.78	20.06	14.97	16.02	20.06	0.12	0.6%
NC_527	45	4528	1.36	1.35	0.12	1.38	0.57	1.08	1.10	1.09	1.38	1.20	1.20	0.76	0.92	1.38	0.00	-0.2%
NC_528	45	4534	2.34	2.36	0.10	2.38	0.83	1.62	1.66	1.65	2.42	2.29	2.25	1.54	1.70	2.42	0.04	1.8%
NC_529	60	4558	2.47	2.45	0.19	2.45	0.83	1.62	1.66	1.65	2.46	2.45	2.37	1.71	1.82	2.46	0.01	0.5%
NC_530	10	4357	0.84	0.85	0.09	0.85	0.85	0.77	0.76	0.77	0.59	0.47	0.49	0.27	0.40	0.85	0.00	0.5%
NC_531	20	4371	0.74	0.69	0.13	0.69	0.74	0.69	0.68	0.69	0.54	0.43	0.45	0.25	0.36	0.74	0.05	7.1%
NC_532	120	4499	164.53	164.11	12.80	165.38	49.07	88.68	89.19	89.20	135.16	147.63	165.38	171.97	146.45	171.97	6.59	4.0%
NC_533	10	4364	0.78	0.78	0.08	0.79	0.79	0.67	0.66	0.67	0.50	0.41	0.42	0.23	0.34	0.79	0.00	0.0%
NC_534	45	4528	2.05	2.06	0.19	2.09	0.84	1.59	1.64	1.63	2.09	1.86	1.85	1.20	1.43	2.09	0.00	-0.1%
NC_535	120	4499	164.59	164.15	12.84	165.51	49.14	88.79	89.30	89.31	135.31	147.79	165.51	171.92	146.60	171.92	6.41	3.9%
NC_536	45	4528	2.21	2.24	0.15	2.29	0.83	1.60	1.65	1.64	2.29	2.08	2.06	1.36	1.55	2.29	0.00	0.0%
NC_537	10	4364	0.81	0.81	0.08	0.81	0.81	0.69	0.66	0.68	0.50	0.41	0.43	0.23	0.34	0.81	0.00	0.5%
NC_538	15	4401	3.10	2.98	0.30	3.01	3.04	2.59	3.02	2.90	2.32	1.70	1.86	1.06	1.57	3.04	0.03	1.1%
NC_539	60	4558	27.08	26.86	1.57	26.89	10.81	18.07	18.49	18.49	26.34	26.89	27.29	22.44	20.84	27.29	0.40	1.5%
NC_540	10	4364	0.76	0.77	0.08	0.77	0.77	0.67	0.65	0.66	0.50	0.40	0.42	0.23	0.34	0.77	0.00	0.3%
NC_541	60	4558	5.07	5.05	0.41	5.05	2.07	3.11	3.16	3.15	5.15	5.05	4.84	3.80	3.27	5.15	0.09	1.9%
NC_542	10	4357	0.76	0.76	0.08	0.77	0.77	0.67	0.66	0.66	0.50	0.41	0.42	0.23	0.34	0.77	0.00	-0.3%
NC_543	15	4401	3.65	3.57	0.27	3.61	3.44	2.97	3.57	3.42	2.75	1.99	2.21	1.25	1.85	3.57	-0.04	-1.1%
NC_544	20	4429	0.66	0.65	0.10	0.65	0.53	0.65	0.65	0.65	0.57	0.45	0.47	0.28	0.40	0.65	0.00	-0.5%
NC_545	20	4433	1.02	1.00	0.10	1.00	0.76	0.97	1.01	1.00	0.93	0.72	0.77	0.47	0.65	1.01	0.01	1.4%
NC_546	20	4433	0.58	0.57	0.06	0.58	0.36	0.56	0.58	0.58	0.55	0.43	0.47	0.29	0.39	0.58	0.00	0.2%
NC_547	20	4433	0.45	0.44	0.06	0.45	0.30	0.44	0.45	0.45	0.41	0.32	0.34	0.20	0.29	0.45	0.00	-0.4%
NC_548	10	4357	0.87	0.88	0.05	0.88	0.88	0.70	0.79	0.76	0.59	0.44	0.48	0.27	0.40	0.88	0.00	-0.1%
NC_549	20	4371	0.64	0.60	0.11	0.61	0.63	0.61	0.60	0.60	0.47	0.38	0.39	0.22	0.32	0.63	0.02	3.0%
NC_550	20	4433	0.99	0.96	0.13	0.97	0.75	0.94	0.99	0.97	0.87	0.67	0.71	0.42	0.60	0.99	0.02	1.8%
NC_551	20	4399	1.43	1.42	0.12	1.43	0.92	1.31	1.46	1.41	1.37	1.06	1.16	0.70	0.97	1.46	0.03	2.0%
NC_552	20	4429	1.37	1.31	0.19	1.32	1.32	1.25	1.32	1.30	1.05	0.81	0.85	0.49	0.71	1.32	0.00	0.0%
NC_553	20	4433	1.22	1.19	0.13	1.19	1.09	1.12	1.21	1.19	1.00	0.76	0.79	0.46	0.67	1.21	0.02	1.3%
NC_554	20	4433	0.46	0.45	0.05	0.45	0.28	0.44	0.46	0.45	0.43	0.33	0.36	0.22	0.31	0.46	0.01	2.2%
NC_555	15	4401	6.38	6.15	0.61	6.20	6.21	5.28	6.18	5.93	4.76	3.52	3.83	2.18	3.23	6.21	0.01	0.2%
NC_556	20	4371	0.52	0.50	0.08	0.50	0.41	0.50	0.50	0.50	0.44	0.35	0.35	0.21	0.30	0.50	0.00	0.2%
NC_557	20	4371	0.79	0.74	0.13	0.74	0.79	0.74	0.73	0.73	0.58	0.46	0.48	0.27	0.39	0.79	0.05	6.4%
NC_558	60	4558	27.35	27.06	1.44	27.09	10.79	18.10	18.51	18.51	26.43	27.09	27.52	23.21	21.05	27.52	0.43	1.6%
NC_559	15	4401	6.91	6.77	0.55	6.84	6.60	5.59	6.74	6.39	5.22	3.84	4.22	2.38	3.53	6.74	-0.10	-1.4%
NC_560	180	4651	6.05	6.12	0.57	6.20	1.42	2.75	2.76	2.76	4.31	4.77	5.83	6.25	6.10	6.25	0.05	0.8%
NC_561	15	4401	8.08	8.02	0.54	8.10	7.54	6.43	7.89	7.48	6.18	4.52	4.98	2.81	4.21	7.89	-0.21	-2.6%
NC_562	10	4364	1.38	1.39	0.13	1.40	1.40	1.19	1.19	1.19	0.91	0.72	0.75	0.42	0.61	1.40	0.00	-0.1%
NC_563	20	4371	0.97	0.90	0.16	0.90	0.98	0.90	0.90	0.90	0.70	0.56	0.58	0.33	0.48	0.98	0.08	9.2%
NC_564	20	4433	1.19	1.15	0.13	1.15	1.09	1.09	1.17	1.15	0.95	0.72	0.74	0.43	0.63	1.17	0.02	1.3%
NC_565	10	4364	0.78	0.78	0.08	0.79	0.79	0.67	0.66	0.67	0.50	0.41	0.42	0.23	0.34	0.79	0.00	0.1%
NC_566	10	4364	0.86	0.87	0.09	0.87	0.87	0.76	0.75	0.75	0.57	0.46	0.48	0.26	0.38	0.87	0.00	0.3%
NC_567	10	4357	0.73	0.74	0.08	0.74	0.74	0.66	0.64	0.65	0.49	0.40	0.42	0.23	0.33	0.74	0.00	0.5%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_568	20	4433	0.56	0.53	0.09	0.54	0.49	0.54	0.53	0.54	0.45	0.36	0.36	0.21	0.31	0.54	0.00	-0.4%
NC_569	20	4367	0.64	0.61	0.08	0.62	0.60	0.56	0.63	0.60	0.49	0.37	0.40	0.23	0.33	0.63	0.01	0.8%
NC_570	20	4433	0.60	0.57	0.09	0.57	0.53	0.57	0.57	0.57	0.47	0.38	0.39	0.22	0.32	0.57	0.00	0.7%
NC_571	120	4617	53.01	52.97	1.44	53.18	19.31	31.13	31.03	31.04	43.89	45.84	53.58	54.74	49.35	54.74	1.56	2.9%
NC_572	20	4433	0.95	0.92	0.11	0.93	0.78	0.90	0.94	0.93	0.83	0.64	0.68	0.40	0.57	0.94	0.01	0.8%
NC_573	15	4401	9.04	9.11	0.33	9.16	7.96	7.18	8.99	8.67	7.20	5.22	5.73	3.23	4.86	8.99	-0.17	-1.8%
NC_574	120	4499	86.90	86.92	6.57	88.73	31.45	53.12	53.65	53.69	76.19	80.23	88.73	88.02	75.93	88.73	0.00	0.0%
NC_575	45	4528	11.24	11.06	1.10	11.56	6.21	9.63	10.46	10.27	11.56	9.37	9.87	6.05	7.98	11.56	0.00	0.0%
NC_576	20	4371	0.68	0.64	0.12	0.64	0.67	0.64	0.63	0.64	0.50	0.40	0.42	0.23	0.34	0.67	0.03	5.0%
NC_577	60	4558	30.93	30.47	1.52	30.58	10.77	17.76	18.20	18.17	29.73	30.58	32.26	25.29	25.58	32.26	1.68	5.5%
NC_578	20	4433	0.55	0.53	0.09	0.53	0.48	0.53	0.53	0.53	0.44	0.35	0.36	0.21	0.30	0.53	0.00	0.6%
NC_579	20	4433	0.94	0.91	0.11	0.92	0.66	0.89	0.94	0.92	0.84	0.65	0.70	0.41	0.59	0.94	0.02	1.8%
NC_580	10	4364	0.87	0.87	0.08	0.87	0.87	0.75	0.71	0.74	0.53	0.43	0.45	0.25	0.36	0.87	0.00	0.3%
NC_581	25	4458	14.50	14.34	0.94	14.55	11.32	12.44	14.42	14.19	12.71	9.39	9.89	5.75	8.04	14.42	-0.13	-0.9%
NC_582	20	4433	0.43	0.42	0.05	0.43	0.27	0.42	0.43	0.43	0.40	0.31	0.34	0.20	0.28	0.43	0.00	0.7%
NC_583	20	4371	0.87	0.82	0.14	0.82	0.86	0.82	0.81	0.82	0.65	0.52	0.54	0.30	0.44	0.86	0.04	4.5%
NC_584	20	4371	0.68	0.64	0.12	0.64	0.67	0.64	0.63	0.63	0.50	0.40	0.41	0.23	0.34	0.67	0.03	5.3%
NC_585	60	4558	27.24	26.95	1.38	26.98	10.65	17.97	18.36	18.36	26.29	26.98	27.40	23.35	21.00	27.40	0.42	1.5%
NC_586	20	4367	9.99	10.15	0.77	10.25	8.56	8.24	10.02	9.78	8.12	5.85	6.42	3.64	5.43	10.02	-0.23	-2.3%
NC_587	60	4558	37.38	36.77	1.35	36.82	15.07	25.22	25.60	25.62	35.98	36.82	37.11	33.17	28.96	37.11	0.29	0.8%
NC_588	10	4364	2.29	2.30	0.17	2.31	2.31	1.91	2.05	2.01	1.55	1.19	1.26	0.72	1.05	2.31	0.00	0.2%
NC_589	20	4433	1.01	0.98	0.13	0.99	0.77	0.95	1.01	0.99	0.89	0.68	0.73	0.43	0.62	1.01	0.02	2.1%
NC_590	20	4399	2.95	2.92	0.24	2.93	2.52	2.73	2.95	2.91	2.49	1.90	1.93	1.16	1.63	2.95	0.01	0.5%
NC_591	25	4458	14.66	14.57	0.73	14.82	10.50	12.74	14.22	14.10	13.45	10.13	10.45	6.15	8.31	14.22	-0.60	-4.0%
NC_592	20	4371	0.86	0.80	0.14	0.80	0.85	0.80	0.79	0.80	0.63	0.50	0.52	0.29	0.43	0.85	0.05	6.2%
NC_593	120	4499	86.93	86.93	6.57	88.73	31.43	53.09	53.62	53.65	76.18	80.23	88.73	88.09	75.93	88.73	0.00	0.0%
NC_594	20	4433	0.47	0.46	0.07	0.46	0.33	0.45	0.46	0.46	0.41	0.32	0.34	0.20	0.29	0.46	0.00	0.0%
NC_595	30	4498	10.63	10.43	1.13	10.56	5.98	9.18	9.98	9.80	10.86	8.75	9.25	5.66	7.53	10.86	0.30	2.8%
NC_596	20	4429	1.46	1.39	0.20	1.40	1.40	1.32	1.40	1.38	1.12	0.86	0.91	0.52	0.76	1.40	0.00	0.2%
NC_597	10	4364	0.85	0.83	0.07	0.84	0.84	0.74	0.67	0.72	0.50	0.41	0.43	0.23	0.34	0.84	0.00	-0.2%
NC_598	120	4499	158.94	157.98	12.91	160.85	48.40	87.08	87.60	87.60	132.32	144.39	160.85	164.40	141.69	164.40	3.55	2.2%
NC_599	10	4364	1.57	1.58	0.12	1.59	1.59	1.32	1.40	1.38	1.06	0.82	0.87	0.49	0.72	1.59	0.00	0.2%
NC_600	20	4367	11.11	11.24	0.75	11.30	9.14	9.42	11.13	10.97	9.17	6.59	7.18	4.10	6.05	11.13	-0.17	-1.5%
NC_601	120	4499	86.94	86.92	6.56	88.73	31.40	53.05	53.58	53.61	76.16	80.22	88.73	88.13	75.91	88.73	0.00	0.0%
NC_602	20	4433	2.22	2.11	0.27	2.11	2.06	1.99	2.17	2.11	1.76	1.33	1.42	0.82	1.21	2.17	0.06	2.7%
NC_603	120	4499	94.20	93.16	6.24	94.27	32.22	54.04	54.44	54.49	79.23	86.30	94.27	95.53	82.91	95.53	1.26	1.3%
NC_604	120	4499	120.61	121.12	11.74	126.64	41.98	71.51	72.19	72.24	108.92	116.79	126.64	120.23	108.32	126.64	0.00	0.0%
NC_605	120	4499	164.35	163.45	13.16	166.10	49.60	89.52	90.05	90.05	136.21	148.70	166.10	170.41	146.72	170.41	4.31	2.6%
NC_606	120	4499	94.13	93.11	6.23	94.26	31.71	53.96	54.33	54.39	79.22	86.18	94.26	95.60	82.97	95.60	1.34	1.4%
NC_607	120	4499	94.28	93.22	6.25	94.31	32.63	54.11	54.53	54.58	79.25	86.40	94.31	95.53	82.90	95.53	1.22	1.3%
NC_608	20	4399	12.35	12.59	1.00	12.79	10.68	10.06	12.34	11.98	10.13	7.36	8.01	4.54	6.56	12.34	-0.45	-3.5%
NC_609	25	4458	11.08	10.98	0.64	11.11	8.27	9.74	10.92	10.83	9.87	7.30	7.63	4.45	6.25	10.92	-0.19	-1.7%
NC_610	120	4499	120.66	121.07	11.69	126.49	41.75	71.40	72.05	72.10	108.73	116.58	126.49	120.53	108.36	126.49	0.00	0.0%
NC_611	10	4364	1.27	1.28	0.12	1.29	1.29	1.11	1.11	1.12	0.85	0.68	0.71	0.39	0.57	1.29	0.00	-0.2%
NC_612	20	4367	2.77	2.68	0.28	2.69	2.58	2.40	2.75	2.64	2.22	1.66	1.80	1.03	1.52	2.75	0.06	2.1%
NC_613	20	4429	1.54	1.46	0.21	1.48	1.52	1.39	1.48	1.45	1.17	0.89	0.94	0.54	0.79	1.52	0.04	2.7%
NC_614	25	4462	1.73	1.76	0.18	1.79	1.09	1.54	1.73	1.67	1.66	1.29	1.40	0.83	1.16	1.73	-0.06	-3.2%
NC_615	20	4433	0.60	0.57	0.09	0.57	0.52	0.57	0.58	0.57	0.47	0.37	0.39	0.22	0.33	0.58	0.01	0.9%
NC_616	120	4499	89.97	89.46	6.26	90.65	31.66	53.58	54.09	54.12	77.33	82.70	90.65	91.18	78.23	91.18	0.53	0.6%
NC_617	20	4371	0.85	0.79	0.14	0.80	0.82	0.80	0.79	0.79	0.64	0.51	0.52	0.29	0.43	0.82	0.02	2.2%
NC_618	10	4364	0.72	0.73	0.08	0.73	0.73	0.65	0.64	0.65	0.49	0.40	0.41	0.23	0.33	0.73	0.00	0.5%
NC_619	120	4499	120.47	120.95	11.70	126.41	41.72	71.40	72.05	72.10	108.71	116.52	126.41	120.21	108.22	126.41	0.00	0.0%
NC_620	120	4499	158.90	157.91	12.94	160.89	48.43	87.12	87.64	87.64	132.39	144.44	160.89	164.25	141.67	164.25	3.36	2.1%
NC_621	120	4499	164.33	163.46	13.12	166.00	49.54	89.42	89.95	89.95	136.07	148.55	166.00	170.52	146.73	170.52	4.52	2.7%
NC_622	25	4464	0.74	0.73	0.06	0.74	0.37	0.67	0.71	0.70	0.73	0.61	0.64	0.40	0.53	0.73	-0.01	-1.4%
NC_623	120	4499	91.04	90.19	6.16	91.25	31.58	53.52	53.99	54.03	77.57	83.32	91.25	92.64	79.28	92.64	1.39	1.5%
NC_624	10	4364	0.87	0.87	0.08	0.87	0.87	0.74	0.73	0.73	0.55	0.44	0.46	0.25	0.37	0.87	0.00	0.5%
NC_625	25	4461	2.93	2.96	0.19	2.97	2.10	2.61	2.91	2.88	2.70	2.07	2.13	1.29	1.74	2.91	-0.06	-2.0%
NC_626	60	4558	37.48	36.85	1.38	36.89	15.20	25.38	25.76	25.78	36.11	36.89	37.20	33.08	29.05	37.20	0.31	0.8%
NC_627	20	4433	0.48	0.47	0.07	0.47	0.34	0.47	0.47	0.47	0.43	0.34	0.35	0.21	0.30	0.47	0.00	0.6%
NC_628	20	4433	0.48	0.47	0.07	0.47	0.36	0.47	0.47	0.47	0.42	0.33	0.34	0.20	0.29	0.47	0.00	0.9%
NC_629	120	4499	90.39	89.73	6.19	90.83	31.66	53.58	54.08	54.12	77.39	82.93	90.83	91.71	78.62	91.71	0.88	1.0%
NC_630	25	4462	1.40	1.42	0.14	1.44	0.80	1.26	1.38	1.34	1.35	1.06	1.16	0.70	0.96	1.38	-0.06	-4.3%
NC_631	10	4364	0.85	0.84	0.07	0.84	0.84	0.75	0.67	0.72	0.51	0.41	0.43	0.23	0.34	0.84	0.00	0.4%
NC_632	10	4357	0.75	0.75	0.08	0.76	0.76	0.67	0.66	0.66	0.51	0.41	0.42	0.23	0.34	0.76	0.00	-0.1%
NC_633	10	4364	0.79	0.79	0.08	0.80	0.80	0.69	0.67	0.68	0.51	0.41	0.43	0.24	0.34	0.80	0.00	-0.5%
NC_634	25	4458	15.51	15.43	0.64	15.65	10.33	13.57	14.81	14.71	14.93	11.56	11.72	7.01	9.18	14.93	-0.73	-4.6%
NC_635	45	4534	22.06	21.91	1.05	22.23	13.07	18.71	19.91	19.80	22.76	20.36	23.03	17.37	18.01	23.03	0.80	3.6%
NC_636	20	4371	0.65	0.61	0.11	0.61	0.62	0.61	0.60	0.61	0.48	0.39	0.40	0.22	0.33	0.62	0.01	2.3%
NC_637	60	4558	27.43	27.07	1.18	27.10	10.49	17.87	18.21	18.21	26.26	27.10	27.54	24.55	21.14	27.54	0.44	1.6%
NC_638	10	4364	1.62	1.63	0.13	1.64	1.64	1.41	1.49	1.47	1.15	0.89	0.93	0.53	0.78	1.64	0.00	0.0%
NC_639	30	4498	8.68	8.53	0.92	8.63	4.87	7.49	8.14	8.00	8.83	7.10	7.51	4.60	6.09	8.83	0.20	2.3%
NC_640	45	4528	0.70	0.68	0.08	0.70	0.31	0.61	0.64	0.63	0.70	0.59	0.61	0.39	0.51	0.70	0.00	0.0%
NC_641	10	4364	0.83	0.82	0.07	0.83	0.83	0.72	0.67	0.70	0.50	0.41	0.43	0.23	0.34	0.83	0.00	-0.1%
NC_642	45	4533	13.44	13.45	0.35	13.58	6.54	10.33	10.62	10.61	13.77	12.69	11.69	8.48	9.14	13.77	0.19	1.4%
NC_643	10	4364	0.81	0.81	0.08	0.82	0.82	0.70	0.67	0.69	0.50	0.41	0.43	0.23	0.34	0.82	0.00	-0.5%
NC_644	20	4429	12.71	12.69	1.08	12.72	11.34	10.58	12.72	12.16	10.35	7.60	8.36	4.74	6.98	12.72	0.00	0.0%
NC_645	20	4371	0.70	0.66	0.12	0.66	0.66	0.66	0.66	0.66	0.53	0.43	0.44	0.25	0.36	0.66	0.00	0.6%
NC_646	20	4433	0.43	0.42	0.05	0.43	0.27	0.42	0.43	0.43	0.40	0.31	0.34	0.20	0.28	0.43	0.00	0.7%
NC_647	10	4357	0.80	0.81	0.08	0.81	0.81	0.70	0.69	0.69	0.52	0.42	0.44	0.24	0.35	0.81	0.00	0.2%
NC_648	20	4428	2.88	2.86	0.21	2.88	2.42	2.55	2.90	2.81	2.46	1.86	1.96	1.15	1.64	2.90	0.02	0.6%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_649	20	4399	1.91	1.88	0.17	1.88	1.60	1.76	1.90	1.88	1.62	1.23	1.27	0.75	1.07	1.90	0.02	1.2%
NC_650	120	4499	90.43	89.74	6.19	90.84	31.61	53.51	54.01	54.05	77.37	82.92	90.84	91.81	78.68	91.81	0.97	1.1%
NC_651	10	4364	1.06	1.07	0.10	1.08	1.08	0.96	0.96	0.96	0.74	0.59	0.62	0.34	0.50	1.08	-0.01	-0.5%
NC_652	120	4499	157.39	155.40	13.28	160.37	48.38	87.01	87.53	87.54	132.16	144.13	160.37	161.73	140.98	161.73	1.36	0.8%
NC_653	20	4429	1.30	1.23	0.18	1.24	1.24	1.18	1.24	1.22	0.99	0.77	0.80	0.46	0.68	1.24	0.00	0.3%
NC_654	20	4367	1.39	1.33	0.19	1.34	1.31	1.26	1.34	1.32	1.08	0.83	0.88	0.50	0.74	1.34	0.00	0.1%
NC_655	20	4399	1.37	1.35	0.13	1.35	0.96	1.25	1.39	1.34	1.24	0.95	1.04	0.61	0.87	1.39	0.04	2.7%
NC_656	20	4429	10.98	10.95	0.97	10.99	9.84	9.16	11.00	10.47	8.90	6.56	7.23	4.09	6.04	11.00	0.00	0.0%
NC_657	120	4499	90.99	90.17	6.17	91.23	31.62	53.57	54.06	54.10	77.59	83.33	91.23	92.51	79.23	92.51	1.28	1.4%
NC_658	90	4395	136.88	138.17	6.90	138.37	47.88	78.83	79.65	79.56	120.85	130.88	142.04	135.80	122.26	142.04	3.67	2.7%
NC_659	20	4433	1.25	1.18	0.17	1.18	1.15	1.14	1.21	1.18	0.98	0.75	0.79	0.46	0.67	1.21	0.03	2.2%
NC_660	120	4499	90.44	89.74	6.19	90.85	31.59	53.49	53.98	54.02	77.36	82.92	90.85	91.86	78.71	91.86	1.01	1.1%
NC_661	20	4429	1.46	1.40	0.17	1.41	1.41	1.33	1.41	1.39	1.12	0.86	0.87	0.51	0.74	1.41	0.00	0.1%
NC_662	20	4433	1.04	1.02	0.10	1.03	0.67	0.98	1.05	1.03	0.98	0.76	0.83	0.50	0.69	1.05	0.02	1.9%
NC_663	20	4371	0.64	0.60	0.11	0.60	0.61	0.60	0.59	0.60	0.48	0.38	0.39	0.22	0.32	0.61	0.01	1.8%
NC_664	20	4399	1.94	1.86	0.22	1.86	1.80	1.71	1.92	1.86	1.56	1.17	1.26	0.72	1.07	1.92	0.06	3.4%
NC_665	20	4433	0.97	0.94	0.13	0.95	0.75	0.91	0.97	0.95	0.85	0.65	0.70	0.41	0.59	0.97	0.02	2.3%
NC_666	120	4499	157.48	155.49	13.31	160.53	48.44	87.11	87.63	87.64	132.31	144.29	160.53	161.76	141.13	161.76	1.23	0.8%
NC_667	20	4433	0.60	0.59	0.09	0.59	0.46	0.59	0.59	0.59	0.52	0.41	0.43	0.26	0.37	0.59	0.00	-0.2%
NC_668	20	4433	0.50	0.49	0.07	0.49	0.35	0.48	0.49	0.49	0.44	0.35	0.37	0.22	0.31	0.49	0.00	0.2%
NC_669	20	4371	0.70	0.65	0.12	0.66	0.70	0.66	0.65	0.65	0.51	0.41	0.42	0.24	0.34	0.70	0.04	5.5%
NC_670	10	4364	0.82	0.83	0.08	0.83	0.83	0.73	0.72	0.73	0.55	0.45	0.46	0.26	0.37	0.83	0.00	0.2%
NC_671	20	4429	0.59	0.58	0.09	0.58	0.45	0.58	0.58	0.58	0.51	0.41	0.42	0.25	0.36	0.58	0.00	-0.3%
NC_672	20	4367	1.68	1.61	0.19	1.62	1.55	1.48	1.65	1.60	1.33	1.01	1.08	0.62	0.92	1.65	0.03	1.8%
NC_673	10	4364	0.90	0.90	0.09	0.91	0.91	0.78	0.77	0.78	0.59	0.47	0.49	0.27	0.39	0.91	0.00	0.1%
NC_674	20	4371	0.64	0.60	0.11	0.61	0.62	0.61	0.60	0.60	0.48	0.38	0.39	0.22	0.32	0.62	0.01	2.0%
NC_675	20	4399	2.34	2.28	0.23	2.29	2.06	2.02	2.34	2.25	1.93	1.45	1.58	0.90	1.34	2.34	0.05	2.2%
NC_676	20	4433	1.59	1.54	0.18	1.54	1.37	1.43	1.59	1.54	1.33	1.00	1.08	0.62	0.91	1.59	0.05	3.1%
NC_677	10	4357	0.90	0.91	0.09	0.91	0.91	0.81	0.80	0.81	0.62	0.50	0.52	0.29	0.42	0.91	0.00	0.4%
NC_678	25	4460	2.38	2.39	0.16	2.39	1.57	2.20	2.36	2.33	2.25	1.77	1.81	1.14	1.50	2.36	-0.03	-1.4%
NC_679	20	4399	3.78	3.68	0.38	3.70	3.32	3.23	3.79	3.62	3.11	2.33	2.54	1.45	2.13	3.79	0.09	2.3%
NC_680	20	4433	0.55	0.53	0.09	0.53	0.47	0.53	0.53	0.53	0.45	0.36	0.36	0.21	0.31	0.53	0.00	0.4%
NC_681	20	4399	7.73	7.71	0.70	7.72	7.08	6.41	7.77	7.39	6.21	4.56	5.05	2.85	4.23	7.77	0.05	0.6%
NC_682	20	4433	1.32	1.28	0.16	1.29	1.10	1.23	1.31	1.29	1.12	0.86	0.92	0.53	0.77	1.31	0.02	1.9%
NC_683	20	4433	0.45	0.44	0.05	0.44	0.28	0.43	0.45	0.44	0.41	0.32	0.35	0.21	0.29	0.45	0.01	1.8%
NC_684	20	4429	1.23	1.17	0.18	1.18	1.18	1.12	1.18	1.16	0.95	0.73	0.77	0.44	0.64	1.18	0.00	0.3%
NC_685	20	4433	0.54	0.52	0.07	0.52	0.44	0.51	0.52	0.52	0.44	0.35	0.35	0.21	0.30	0.52	0.00	0.6%
NC_686	45	4533	12.64	12.61	0.43	12.78	6.73	10.20	10.62	10.59	13.04	11.57	10.93	7.67	8.55	13.04	0.26	2.0%
NC_687	20	4429	4.75	4.76	0.33	4.79	3.69	4.08	4.79	4.62	4.24	3.19	3.45	2.00	2.84	4.79	0.00	0.0%
NC_688	20	4429	1.75	1.66	0.25	1.68	1.68	1.59	1.68	1.64	1.34	1.03	1.09	0.62	0.91	1.68	0.00	0.2%
NC_689	20	4371	0.71	0.66	0.12	0.66	0.71	0.66	0.65	0.66	0.51	0.41	0.43	0.24	0.35	0.71	0.05	7.3%
NC_690	25	4464	2.02	2.01	0.08	2.02	1.28	1.90	1.92	1.92	1.96	1.59	1.54	0.99	1.25	1.96	-0.06	-3.2%
NC_691	20	4433	0.59	0.58	0.09	0.58	0.44	0.58	0.58	0.58	0.52	0.41	0.43	0.26	0.37	0.58	0.00	0.3%
NC_692	20	4404	1.48	1.48	0.10	1.48	1.17	1.35	1.48	1.46	1.25	0.93	0.96	0.56	0.81	1.48	0.00	0.3%
NC_693	25	4464	2.74	2.73	0.14	2.74	1.91	2.53	2.65	2.63	2.70	2.24	2.13	1.41	1.75	2.70	-0.04	-1.6%
NC_694	20	4433	0.74	0.72	0.10	0.73	0.55	0.71	0.74	0.73	0.65	0.50	0.53	0.31	0.45	0.74	0.01	1.4%
NC_695	20	4399	1.66	1.64	0.14	1.64	1.42	1.55	1.65	1.64	1.42	1.09	1.11	0.67	0.93	1.65	0.01	0.9%
NC_696	90	4395	137.15	138.36	6.78	138.53	47.82	78.95	79.72	79.64	120.91	130.98	142.20	136.36	122.62	142.20	3.67	2.7%
NC_697	20	4367	1.20	1.15	0.13	1.15	1.12	1.09	1.16	1.15	0.95	0.73	0.75	0.43	0.63	1.16	0.01	1.1%
NC_698	20	4433	0.49	0.48	0.06	0.49	0.30	0.47	0.49	0.49	0.46	0.36	0.39	0.23	0.33	0.49	0.00	0.0%
NC_699	10	4364	0.78	0.78	0.08	0.79	0.79	0.68	0.67	0.67	0.51	0.41	0.43	0.23	0.34	0.79	-0.01	-0.6%
NC_700	120	4499	157.40	155.42	13.42	160.65	48.52	87.22	87.74	87.75	132.48	144.48	160.65	161.31	141.19	161.31	0.66	0.4%
NC_701	20	4429	12.86	12.91	0.93	12.93	10.25	10.76	12.93	12.50	11.28	8.40	9.14	5.24	7.52	12.93	0.00	0.0%
NC_702	10	4364	0.72	0.73	0.08	0.73	0.73	0.65	0.64	0.65	0.49	0.40	0.41	0.23	0.33	0.73	0.00	0.1%
NC_703	10	4357	0.75	0.75	0.08	0.76	0.76	0.67	0.65	0.66	0.50	0.40	0.42	0.23	0.34	0.76	0.00	0.0%
NC_704	20	4433	0.49	0.48	0.06	0.48	0.33	0.48	0.49	0.48	0.44	0.35	0.37	0.22	0.31	0.49	0.01	1.3%
NC_705	20	4433	0.61	0.59	0.08	0.60	0.41	0.59	0.60	0.60	0.56	0.44	0.47	0.28	0.39	0.60	0.00	0.2%
NC_706	15	4401	4.47	4.40	0.34	4.45	4.22	3.59	4.43	4.18	3.46	2.55	2.83	1.60	2.36	4.43	-0.03	-0.6%
NC_707	20	4429	1.43	1.35	0.20	1.36	1.41	1.29	1.36	1.34	1.07	0.83	0.87	0.50	0.73	1.41	0.05	3.8%
NC_708	20	4429	12.58	12.60	0.95	12.65	10.21	10.52	12.65	12.19	10.89	8.08	8.82	5.04	7.26	12.65	0.00	0.0%
NC_709	30	4498	9.13	9.01	0.62	9.19	5.40	7.84	8.37	8.31	9.31	7.64	7.43	4.70	5.83	9.31	0.12	1.3%
NC_710	25	4394	3.52	3.57	0.18	3.57	2.17	3.13	3.37	3.33	3.46	2.78	2.81	1.78	2.26	3.46	-0.11	-3.2%
NC_711	20	4433	0.55	0.53	0.08	0.53	0.46	0.53	0.53	0.53	0.44	0.35	0.36	0.21	0.31	0.53	0.00	-0.4%
NC_712	20	4371	0.65	0.61	0.11	0.61	0.64	0.61	0.60	0.61	0.48	0.38	0.40	0.22	0.32	0.64	0.03	5.2%
NC_713	20	4433	1.06	1.03	0.14	1.04	0.83	1.00	1.06	1.04	0.92	0.71	0.76	0.44	0.64	1.06	0.02	1.5%
NC_714	120	4499	157.15	155.36	13.57	160.70	48.59	87.32	87.85	87.86	132.60	144.64	160.70	160.63	141.07	160.70	0.00	0.0%
NC_715	20	4399	1.51	1.49	0.14	1.49	1.08	1.38	1.53	1.48	1.37	1.05	1.15	0.68	0.96	1.53	0.04	2.7%
NC_716	20	4433	0.63	0.62	0.09	0.62	0.46	0.62	0.62	0.62	0.56	0.44	0.46	0.28	0.39	0.62	0.00	0.0%
NC_717	20	4433	1.09	1.04	0.15	1.05	0.96	1.01	1.07	1.05	0.89	0.68	0.72	0.42	0.61	1.07	0.02	2.0%
NC_718	20	4433	1.66	1.63	0.19	1.63	1.14	1.54	1.68	1.63	1.51	1.17	1.26	0.74	1.06	1.68	0.05	2.9%
NC_719	60	4405	3.04	2.94	0.23	2.95	1.52	2.28	2.32	2.32	2.89	2.94	2.72	2.29	2.24	2.94	-0.01	-0.2%
NC_720	20	4399	2.75	2.74	0.23	2.75	1.93	2.49	2.79	2.69	2.57	1.98	2.16	1.28	1.83	2.79	0.04	1.5%
NC_721	20	4371	0.68	0.63	0.12	0.64	0.68	0.64	0.63	0.63	0.49	0.40	0.41	0.23	0.33	0.68	0.04	5.6%
NC_722	20	4433	1.21	1.15	0.17	1.15	1.11	1.12	1.17	1.15	0.96	0.75	0.78	0.45	0.66	1.17	0.02	1.7%
NC_723	20	4433	1.04	1.00	0.12	1.00	0.95	0.97	1.02	1.00	0.87	0.67	0.70	0.41	0.60	1.02	0.02	1.6%
NC_724	20	4371	0.70	0.68	0.10	0.68	0.60	0.68	0.68	0.68	0.58	0.46	0.47	0.27	0.40	0.68	0.00	-0.6%
NC_725	30	4498	9.28	9.13	0.73	9.34	5.76	8.06	8.71	8.63	9.25	7.42	7.38	4.56	5.80	9.25	-0.09	-1.0%
NC_726	20	4433	0.45	0.44	0.06	0.44	0.31	0.44	0.45	0.44	0.40	0.32	0.33	0.20	0.28	0.45	0.01	1.4%
NC_727	20	4371	0.61	0.57	0.10	0.58	0.57	0.58	0.57	0.57	0.46	0.37	0.38	0.21	0.31	0.58	0.00	-0.7%
NC_728	20	4429	0.68	0.66	0.10	0.66	0.58	0.66	0.66	0.66	0.56	0.45	0.45	0.27	0.39	0.66	0.00	-0.6%
NC_729	20	4429	11.12	11.07	0.90	11.17	9.40	9.34	11.17	10.70	9.35	6.93	7.60	4.32	6.35	11.17	0.00	0.0%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_730	90	4395	141.05	142.34	6.88	142.53	48.11	79.60	80.35	80.27	122.15	133.42	146.72	140.81	127.94	146.72	4.19	2.9%
NC_731	20	4371	0.66	0.61	0.11	0.62	0.65	0.62	0.61	0.61	0.48	0.39	0.40	0.22	0.32	0.65	0.03	4.5%
NC_732	120	4499	156.61	155.23	13.90	160.74	48.68	87.45	87.97	87.98	132.79	144.85	160.74	159.04	141.08	160.74	0.00	0.0%
NC_733	20	4433	1.14	1.11	0.12	1.11	0.97	1.06	1.13	1.11	0.95	0.73	0.76	0.45	0.64	1.13	0.01	1.4%
NC_734	20	4371	0.65	0.61	0.11	0.61	0.63	0.61	0.61	0.61	0.48	0.39	0.40	0.22	0.33	0.63	0.02	3.6%
NC_735	10	4357	0.73	0.73	0.07	0.74	0.74	0.65	0.65	0.65	0.50	0.40	0.42	0.23	0.34	0.74	0.00	-0.4%
NC_736	10	4364	1.62	1.63	0.15	1.64	1.64	1.42	1.44	1.44	1.11	0.88	0.91	0.51	0.75	1.64	0.00	0.2%
NC_737	15	4401	3.84	3.70	0.38	3.74	3.75	3.20	3.77	3.58	2.93	2.19	2.39	1.36	2.00	3.77	0.03	0.7%
NC_738	20	4433	0.44	0.43	0.06	0.44	0.29	0.43	0.44	0.44	0.40	0.31	0.33	0.20	0.28	0.44	0.00	0.0%
NC_739	10	4364	0.85	0.86	0.09	0.87	0.87	0.78	0.78	0.78	0.60	0.48	0.50	0.28	0.41	0.87	-0.01	-0.6%
NC_740	45	4496	8.43	8.44	0.38	8.45	3.90	6.58	6.70	6.70	8.71	7.68	7.50	4.94	5.62	8.71	0.26	3.1%
NC_741	120	4499	156.51	155.04	13.78	160.47	48.57	87.26	87.80	87.80	132.51	144.50	160.47	159.34	140.89	160.47	0.00	0.0%
NC_742	15	4401	1.96	1.86	0.24	1.87	1.97	1.71	1.90	1.84	1.47	1.10	1.18	0.68	1.00	1.97	0.10	5.4%
NC_743	20	4433	0.60	0.58	0.09	0.58	0.52	0.58	0.58	0.58	0.48	0.39	0.39	0.23	0.33	0.58	0.00	-0.2%
NC_744	25	4461	6.70	6.83	0.60	6.84	4.37	5.88	6.60	6.40	6.55	5.15	5.56	3.37	4.56	6.60	-0.24	-3.5%
NC_745	20	4429	8.83	8.74	0.75	8.85	7.52	7.46	8.85	8.46	7.35	5.44	5.98	3.40	5.03	8.85	0.00	0.0%
NC_746	20	4371	0.67	0.62	0.12	0.63	0.68	0.63	0.62	0.62	0.48	0.39	0.40	0.22	0.33	0.68	0.05	7.1%
NC_747	20	4429	1.25	1.20	0.14	1.21	1.19	1.14	1.21	1.20	0.97	0.75	0.76	0.44	0.65	1.21	0.00	-0.2%
NC_748	20	4371	0.60	0.57	0.10	0.57	0.55	0.57	0.57	0.57	0.47	0.37	0.38	0.22	0.32	0.57	0.00	0.7%
NC_749	25	4466	6.67	6.66	0.37	6.68	4.72	5.88	6.53	6.44	6.27	4.84	4.90	3.00	3.98	6.53	-0.15	-2.2%
NC_750	90	4395	156.86	158.33	7.97	158.86	54.64	91.58	92.54	92.45	136.79	148.98	163.19	155.21	142.01	163.19	4.33	2.7%
NC_751	10	4364	0.69	0.69	0.07	0.70	0.70	0.64	0.63	0.63	0.49	0.39	0.41	0.22	0.33	0.70	0.00	0.0%
NC_752	10	4364	1.38	1.39	0.11	1.40	1.40	1.23	1.29	1.27	1.00	0.77	0.81	0.46	0.68	1.40	0.00	-0.3%
NC_753	20	4371	0.90	0.84	0.15	0.84	0.89	0.84	0.84	0.84	0.67	0.53	0.55	0.31	0.45	0.89	0.05	5.6%
NC_754	45	4528	0.95	0.94	0.11	0.96	0.48	0.83	0.84	0.84	0.96	0.83	0.84	0.54	0.69	0.96	0.00	-0.2%
NC_755	20	4433	1.02	0.98	0.12	0.99	0.89	0.96	0.99	0.99	0.87	0.68	0.72	0.43	0.61	0.99	0.00	0.1%
NC_756	90	4395	157.06	158.59	8.02	159.15	54.92	91.81	92.83	92.73	136.90	149.20	163.39	155.13	142.18	163.39	4.23	2.7%
NC_757	20	4433	0.53	0.51	0.08	0.52	0.45	0.52	0.51	0.52	0.44	0.35	0.35	0.21	0.30	0.52	0.00	-0.8%
NC_758	20	4371	0.60	0.57	0.10	0.57	0.55	0.57	0.56	0.57	0.46	0.37	0.38	0.21	0.31	0.57	0.00	0.2%
NC_759	10	4364	0.80	0.81	0.08	0.82	0.82	0.72	0.71	0.72	0.55	0.44	0.46	0.25	0.37	0.82	-0.01	-0.6%
NC_760	20	4429	3.32	3.14	0.43	3.19	3.33	2.89	3.19	3.10	2.49	1.89	2.02	1.15	1.69	3.33	0.14	4.4%
NC_761	20	4433	0.47	0.46	0.07	0.46	0.34	0.46	0.46	0.46	0.41	0.33	0.34	0.20	0.29	0.46	0.00	0.7%
NC_762	20	4399	1.14	1.12	0.10	1.13	0.91	1.04	1.14	1.12	0.98	0.74	0.78	0.46	0.66	1.14	0.01	1.2%
NC_763	20	4399	1.75	1.74	0.15	1.74	1.18	1.59	1.78	1.71	1.64	1.26	1.38	0.81	1.15	1.78	0.04	2.2%
NC_764	20	4433	0.49	0.48	0.08	0.48	0.37	0.48	0.48	0.48	0.43	0.34	0.35	0.21	0.30	0.48	0.00	0.8%
NC_765	25	4461	1.57	1.59	0.12	1.60	1.07	1.41	1.57	1.55	1.43	1.07	1.13	0.67	0.93	1.57	-0.03	-1.9%
NC_766	10	4364	1.77	1.78	0.13	1.79	1.79	1.55	1.65	1.62	1.28	0.98	1.04	0.59	0.87	1.79	-0.01	-0.3%
NC_767	60	4558	14.20	14.00	0.67	14.02	5.10	9.30	9.43	9.42	13.82	14.02	13.27	11.08	10.27	14.02	0.00	0.0%
NC_768	10	4364	0.71	0.72	0.08	0.73	0.73	0.65	0.64	0.64	0.49	0.40	0.41	0.23	0.33	0.73	-0.01	-0.7%
NC_769	30	4498	6.26	6.15	0.48	6.29	3.61	5.27	5.72	5.66	6.48	5.40	5.53	3.46	4.27	6.48	0.19	3.0%
NC_770	90	4395	156.67	158.11	7.94	158.62	54.42	91.40	92.31	92.23	136.67	148.77	163.02	155.21	141.91	163.02	4.40	2.8%
NC_771	10	4364	0.99	1.00	0.10	1.01	1.01	0.91	0.91	0.91	0.71	0.57	0.59	0.33	0.48	1.01	0.00	0.0%
NC_772	20	4371	0.66	0.62	0.11	0.62	0.65	0.62	0.61	0.61	0.48	0.39	0.40	0.22	0.33	0.65	0.03	5.2%
NC_773	20	4433	0.56	0.54	0.09	0.54	0.49	0.54	0.54	0.54	0.45	0.36	0.37	0.21	0.31	0.54	0.00	0.0%
NC_774	20	4429	3.43	3.25	0.45	3.30	3.46	3.00	3.30	3.21	2.57	1.94	2.08	1.19	1.74	3.46	0.16	4.8%
NC_775	20	4433	1.03	0.95	0.17	0.95	1.03	0.95	0.95	0.95	0.75	0.60	0.62	0.35	0.51	1.03	0.08	8.6%
NC_776	20	4433	0.83	0.81	0.10	0.82	0.57	0.79	0.84	0.82	0.77	0.61	0.65	0.40	0.56	0.84	0.02	2.0%
NC_777	25	4466	5.94	5.95	0.34	5.99	3.89	5.10	5.71	5.61	5.89	4.74	4.98	3.06	3.94	5.89	-0.10	-1.7%
NC_778	20	4371	0.68	0.63	0.12	0.63	0.68	0.63	0.62	0.63	0.49	0.39	0.41	0.22	0.33	0.68	0.05	8.1%
NC_779	25	4394	6.75	6.83	0.40	6.86	4.54	5.99	6.58	6.48	6.63	5.58	5.64	3.75	4.59	6.63	-0.23	-3.4%
NC_780	30	4498	4.36	4.27	0.40	4.34	2.86	3.79	4.15	4.08	4.45	3.86	3.90	2.58	3.13	4.45	0.11	2.5%
NC_781	25	4464	0.90	0.90	0.09	0.90	0.48	0.83	0.89	0.87	0.87	0.69	0.75	0.46	0.63	0.89	-0.01	-1.6%
NC_782	10	4364	1.03	1.03	0.10	1.04	1.04	0.91	0.90	0.91	0.69	0.56	0.58	0.32	0.47	1.04	0.00	0.2%
NC_783	20	4433	1.05	1.01	0.14	1.02	0.85	0.98	1.04	1.02	0.89	0.68	0.73	0.42	0.61	1.04	0.02	1.7%
NC_784	20	4429	3.84	3.72	0.45	3.78	3.66	3.25	3.78	3.58	2.97	2.23	2.43	1.37	2.04	3.78	0.00	0.0%
NC_785	20	4399	2.86	2.84	0.23	2.85	1.94	2.61	2.90	2.80	2.73	2.12	2.31	1.38	1.93	2.90	0.05	1.6%
NC_786	10	4364	0.75	0.75	0.08	0.76	0.76	0.68	0.67	0.67	0.52	0.42	0.43	0.24	0.35	0.76	0.00	-0.3%
NC_787	25	4394	6.05	6.15	0.48	6.24	4.41	5.20	6.00	5.84	5.75	4.49	4.83	2.92	3.92	6.00	-0.24	-3.8%
NC_788	20	4433	0.50	0.49	0.07	0.50	0.34	0.49	0.50	0.50	0.45	0.36	0.38	0.23	0.32	0.50	0.00	-0.6%
NC_789	60	4558	14.27	14.07	0.71	14.09	5.16	9.39	9.53	9.52	13.93	14.09	13.33	10.93	10.31	14.09	0.00	0.0%
NC_790	20	4429	0.81	0.76	0.13	0.76	0.80	0.74	0.76	0.75	0.59	0.46	0.49	0.27	0.40	0.80	0.04	4.7%
NC_791	20	4429	1.35	1.27	0.20	1.28	1.37	1.20	1.28	1.26	0.99	0.76	0.80	0.46	0.67	1.37	0.09	6.6%
NC_792	20	4429	4.38	4.28	0.47	4.33	4.10	3.76	4.33	4.12	3.45	2.59	2.82	1.59	2.38	4.33	0.00	0.0%
NC_793	15	4401	2.24	2.12	0.26	2.14	2.24	1.93	2.17	2.10	1.68	1.26	1.35	0.78	1.14	2.24	0.09	4.4%
NC_794	20	4428	5.34	5.26	0.51	5.27	4.72	4.49	5.35	5.05	4.35	3.25	3.57	2.01	3.00	5.35	0.08	1.5%
NC_795	10	4357	0.83	0.82	0.08	0.83	0.83	0.70	0.69	0.69	0.52	0.42	0.44	0.24	0.35	0.83	0.00	0.1%
NC_796	25	4464	0.94	0.93	0.07	0.94	0.50	0.85	0.90	0.88	0.93	0.78	0.81	0.52	0.68	0.93	-0.01	-1.1%
NC_797	20	4428	4.78	4.71	0.42	4.72	4.22	4.11	4.80	4.58	4.10	3.14	3.45	2.03	2.88	4.80	0.08	1.7%
NC_798	20	4429	0.66	0.64	0.10	0.64	0.53	0.64	0.64	0.64	0.56	0.44	0.45	0.27	0.39	0.64	0.00	-0.5%
NC_799	20	4371	0.67	0.62	0.12	0.62	0.66	0.62	0.61	0.62	0.48	0.39	0.40	0.22	0.32	0.66	0.04	6.9%
NC_800	20	4433	0.55	0.53	0.08	0.54	0.43	0.53	0.54	0.54	0.46	0.36	0.38	0.22	0.32	0.54	0.00	0.0%
NC_801	20	4433	0.48	0.47	0.06	0.48	0.32	0.47	0.48	0.48	0.44	0.34	0.37	0.22	0.31	0.48	0.00	0.0%
NC_802	20	4399	1.75	1.70	0.17	1.71	1.57	1.53	1.74	1.69	1.40	1.03	1.13	0.64	0.95	1.74	0.03	1.9%
NC_803	45	4528	2.46	2.47	0.23	2.47	1.66	2.15	2.23	2.21	2.47	2.29	2.27	1.52	1.81	2.47	0.00	0.2%
NC_804	10	4364	1.65	1.66	0.12	1.67	1.67	1.46	1.56	1.53	1.21	0.93	0.97	0.56	0.81	1.67	0.00	0.0%
NC_805	20	4429	3.37	3.19	0.46	3.24	3.34	2.96	3.24	3.15	2.53	1.94	2.06	1.17	1.73	3.34	0.10	3.1%
NC_806	20	4371	0.82	0.76	0.14	0.76	0.82	0.76	0.75	0.76	0.59	0.48	0.49	0.27	0.40	0.82	0.05	7.2%
NC_807	10	4357	0.77	0.78	0.08	0.79	0.79	0.71	0.70	0.70	0.54	0.43	0.45	0.25	0.36	0.79	0.00	-0.3%
NC_808	20	4433	0.43	0.42	0.05	0.43	0.27	0.42	0.43	0.43	0.40	0.31	0.33	0.20	0.28	0.43	0.00	0.0%
NC_809	20	4429	1.28	1.22	0.17	1.23	1.26	1.15	1.23	1.21	0.97	0.74	0.77	0.45	0.65	1.26	0.03	2.6%
NC_810	20	4433	0.52	0.50	0.08	0.51	0.40	0.50	0.52	0.51	0.45	0.35	0.36	0.21	0.31	0.52	0.01	1.4%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_811	20	4371	0.57	0.55	0.09	0.55	0.45	0.55	0.55	0.55	0.48	0.38	0.39	0.23	0.33	0.55	0.00	-0.2%
NC_812	10	4364	0.82	0.83	0.08	0.83	0.83	0.75	0.74	0.74	0.57	0.46	0.48	0.26	0.39	0.83	0.00	0.2%
NC_813	20	4371	0.68	0.63	0.12	0.63	0.68	0.63	0.62	0.63	0.49	0.39	0.41	0.23	0.33	0.68	0.05	7.8%
NC_814	20	4399	3.63	3.56	0.33	3.57	3.13	3.17	3.64	3.47	3.16	2.44	2.67	1.59	2.23	3.64	0.07	1.9%
NC_815	60	4558	14.24	14.07	0.78	14.09	5.20	9.45	9.59	9.58	14.00	14.09	13.33	10.64	10.28	14.09	0.00	0.0%
NC_816	20	4371	0.66	0.62	0.11	0.62	0.65	0.62	0.61	0.61	0.48	0.39	0.40	0.22	0.32	0.65	0.03	5.5%
NC_817	10	4364	0.80	0.80	0.08	0.81	0.81	0.72	0.71	0.71	0.54	0.44	0.46	0.25	0.37	0.81	0.00	0.0%
NC_818	10	4357	0.75	0.75	0.08	0.76	0.76	0.68	0.66	0.67	0.51	0.41	0.43	0.24	0.34	0.76	0.00	-0.3%
NC_819	10	4364	0.81	0.82	0.08	0.82	0.82	0.71	0.70	0.70	0.53	0.43	0.45	0.24	0.35	0.82	0.00	0.4%
NC_820	10	4364	0.71	0.71	0.07	0.72	0.72	0.65	0.64	0.64	0.49	0.40	0.41	0.23	0.33	0.72	0.00	-0.4%
NC_821	20	4371	0.78	0.72	0.13	0.72	0.78	0.72	0.71	0.72	0.56	0.45	0.47	0.26	0.38	0.78	0.06	7.8%
NC_822	10	4357	0.78	0.78	0.08	0.79	0.79	0.70	0.69	0.69	0.53	0.43	0.44	0.24	0.36	0.79	0.00	-0.1%
NC_823	20	4429	0.51	0.50	0.08	0.50	0.40	0.50	0.50	0.50	0.44	0.34	0.35	0.21	0.30	0.50	0.00	0.0%
NC_824	20	4399	3.20	3.09	0.32	3.09	2.81	2.87	3.18	3.08	2.75	2.14	2.32	1.38	1.95	3.18	0.09	2.9%
NC_825	20	4433	0.69	0.68	0.10	0.68	0.51	0.67	0.68	0.68	0.62	0.49	0.52	0.31	0.44	0.68	0.00	0.0%
NC_826	20	4371	0.70	0.65	0.12	0.66	0.70	0.66	0.65	0.65	0.51	0.41	0.42	0.23	0.34	0.70	0.04	5.6%
NC_827	60	4558	13.99	13.85	0.88	13.87	5.20	9.42	9.57	9.56	13.91	13.87	13.13	10.11	10.07	13.91	0.04	0.3%
NC_828	20	4433	1.05	1.02	0.12	1.02	0.89	0.98	1.03	1.02	0.89	0.69	0.72	0.43	0.61	1.03	0.01	1.4%
NC_829	45	4528	2.11	2.13	0.18	2.14	1.21	1.72	1.74	1.75	2.14	1.97	1.97	1.29	1.47	2.14	0.00	0.2%
NC_830	20	4433	2.06	2.00	0.23	2.01	1.70	1.92	2.04	2.01	1.84	1.44	1.56	0.95	1.32	2.04	0.03	1.7%
NC_831	20	4371	0.67	0.62	0.12	0.63	0.66	0.63	0.62	0.62	0.49	0.39	0.40	0.22	0.33	0.66	0.03	5.1%
NC_832	45	4528	1.90	1.89	0.19	1.92	1.08	1.62	1.65	1.65	1.92	1.69	1.70	1.10	1.34	1.92	0.00	0.0%
NC_833	20	4371	0.61	0.58	0.10	0.58	0.56	0.58	0.57	0.58	0.47	0.38	0.39	0.22	0.32	0.58	0.00	0.2%
NC_834	60	4558	14.05	13.94	0.96	13.96	5.30	9.53	9.68	9.67	14.06	13.96	13.21	9.94	10.09	14.06	0.10	0.7%
NC_835	20	4433	0.89	0.87	0.09	0.88	0.67	0.87	0.88	0.88	0.85	0.69	0.74	0.47	0.62	0.88	0.00	-0.2%
NC_836	20	4433	0.56	0.54	0.07	0.54	0.47	0.51	0.55	0.54	0.47	0.35	0.38	0.22	0.32	0.55	0.01	2.4%
NC_837	20	4433	0.47	0.46	0.07	0.46	0.34	0.46	0.46	0.46	0.41	0.32	0.34	0.20	0.29	0.46	0.00	0.4%
NC_838	20	4433	0.53	0.51	0.06	0.51	0.43	0.48	0.52	0.51	0.45	0.34	0.37	0.21	0.31	0.52	0.01	2.5%
NC_839	60	4558	13.22	13.11	0.93	13.14	5.00	8.99	9.12	9.11	13.30	13.14	12.40	9.22	9.46	13.30	0.16	1.2%
NC_840	25	4460	1.62	1.63	0.11	1.63	0.91	1.43	1.55	1.52	1.61	1.32	1.39	0.87	1.15	1.61	-0.02	-1.0%
NC_841	20	4371	0.61	0.59	0.09	0.59	0.49	0.59	0.59	0.59	0.51	0.40	0.41	0.24	0.35	0.59	0.00	-0.5%
NC_842	45	4528	1.81	1.82	0.18	1.83	0.92	1.43	1.49	1.48	1.83	1.65	1.66	1.09	1.30	1.83	0.00	0.1%
NC_843	20	4433	0.86	0.84	0.08	0.85	0.59	0.82	0.86	0.85	0.81	0.63	0.68	0.42	0.57	0.86	0.01	0.8%
NC_844	20	4371	0.73	0.68	0.12	0.68	0.70	0.68	0.68	0.68	0.54	0.44	0.45	0.25	0.37	0.70	0.02	2.8%
NC_845	60	4558	13.19	13.09	0.99	13.11	5.03	8.99	9.12	9.11	13.35	13.11	12.38	9.06	9.39	13.35	0.24	1.8%
NC_846	20	4399	2.53	2.52	0.19	2.53	2.03	2.29	2.55	2.49	2.24	1.71	1.85	1.11	1.55	2.55	0.02	0.9%
NC_847	25	4461	3.23	3.23	0.14	3.23	1.96	2.84	3.05	3.03	3.19	2.59	2.63	1.65	2.09	3.19	-0.04	-1.1%
NC_848	20	4371	0.57	0.55	0.09	0.55	0.45	0.55	0.55	0.55	0.48	0.38	0.39	0.23	0.33	0.55	0.00	0.4%
NC_849	20	4433	0.46	0.45	0.06	0.45	0.32	0.45	0.46	0.45	0.41	0.32	0.34	0.20	0.29	0.46	0.01	1.3%
NC_850	45	4528	2.12	2.11	0.18	2.12	1.43	1.94	2.01	2.01	2.12	1.97	1.93	1.35	1.51	2.12	0.00	-0.2%
NC_851	60	4558	10.68	10.55	0.81	10.57	4.03	7.44	7.55	7.54	10.91	10.57	9.99	7.24	7.62	10.91	0.33	3.2%
NC_852	45	4528	0.76	0.74	0.09	0.76	0.36	0.68	0.70	0.70	0.76	0.64	0.67	0.42	0.55	0.76	0.00	-0.4%
NC_853	20	4371	0.72	0.66	0.12	0.67	0.72	0.67	0.66	0.66	0.51	0.41	0.43	0.24	0.35	0.72	0.05	8.1%
NC_854	25	4461	2.61	2.65	0.16	2.65	1.73	2.32	2.55	2.52	2.48	1.95	2.04	1.26	1.66	2.55	-0.10	-3.7%
NC_855	20	4429	1.08	1.03	0.15	1.03	1.00	1.02	1.03	1.03	0.87	0.69	0.70	0.42	0.60	1.03	0.00	-0.3%
NC_856	25	4460	0.87	0.88	0.09	0.88	0.57	0.84	0.87	0.86	0.85	0.69	0.73	0.46	0.61	0.87	-0.01	-1.0%
NC_857	10	4364	0.73	0.73	0.08	0.74	0.74	0.67	0.66	0.66	0.51	0.41	0.43	0.24	0.34	0.74	0.00	-0.1%
NC_858	30	4500	1.77	1.76	0.12	1.79	1.40	1.69	1.74	1.73	1.74	1.60	1.57	1.08	1.27	1.74	-0.05	-2.7%
NC_859	20	4429	0.49	0.48	0.08	0.48	0.38	0.48	0.48	0.48	0.42	0.34	0.34	0.20	0.29	0.48	0.00	0.8%
NC_860	60	4558	8.19	8.06	0.58	8.07	3.17	5.77	5.88	5.87	8.35	8.07	7.59	5.49	5.81	8.35	0.28	3.4%
NC_861	10	4364	0.70	0.70	0.07	0.71	0.71	0.65	0.64	0.64	0.49	0.40	0.41	0.23	0.33	0.71	0.00	0.0%
NC_862	30	4502	1.36	1.37	0.08	1.38	1.02	1.30	1.30	1.30	1.35	1.20	1.18	0.79	0.98	1.35	-0.03	-2.2%
NC_863	45	4496	7.68	7.66	0.24	7.68	3.11	5.56	5.69	5.68	7.88	7.41	7.05	4.94	5.39	7.88	0.20	2.5%
NC_864	20	4371	0.71	0.66	0.12	0.66	0.70	0.66	0.65	0.66	0.51	0.41	0.43	0.24	0.35	0.70	0.04	6.5%
NC_865	20	4433	0.85	0.84	0.07	0.84	0.58	0.81	0.85	0.84	0.80	0.62	0.67	0.41	0.57	0.85	0.01	1.5%
NC_866	20	4433	0.54	0.52	0.08	0.52	0.46	0.52	0.52	0.52	0.44	0.35	0.36	0.21	0.30	0.52	0.00	0.6%
NC_867	20	4433	1.12	1.11	0.12	1.11	0.90	1.05	1.12	1.11	0.98	0.75	0.79	0.47	0.66	1.12	0.01	1.1%
NC_868	45	4534	4.64	4.64	0.25	4.70	2.06	3.59	3.69	3.68	4.81	4.21	4.03	2.64	3.04	4.81	0.11	2.3%
NC_869	45	4534	3.08	3.08	0.12	3.09	1.26	2.26	2.33	2.32	3.18	2.94	2.88	1.96	2.20	3.18	0.09	2.8%
NC_870	60	4558	3.16	3.10	0.24	3.10	1.23	2.24	2.31	2.30	3.23	3.10	2.99	2.12	2.30	3.23	0.13	4.1%
NC_871	20	4433	0.81	0.79	0.08	0.80	0.54	0.77	0.80	0.80	0.76	0.60	0.64	0.39	0.54	0.80	0.00	0.4%
NC_872	45	4534	3.27	3.25	0.17	3.27	1.61	2.63	2.73	2.72	3.37	2.88	2.79	1.77	2.09	3.37	0.10	2.9%
NC_873	25	4464	1.37	1.37	0.09	1.37	0.84	1.26	1.34	1.33	1.32	1.09	1.11	0.71	0.92	1.34	-0.03	-2.3%
NC_874	20	4371	0.59	0.56	0.09	0.56	0.53	0.56	0.56	0.56	0.46	0.37	0.38	0.21	0.31	0.56	0.00	0.7%
NC_875	45	4534	2.96	2.96	0.18	3.04	1.31	2.28	2.38	2.36	3.09	2.73	2.72	1.78	2.07	3.09	0.05	1.6%
NC_876	30	4498	2.69	2.67	0.17	2.72	1.54	2.28	2.43	2.42	2.70	2.22	2.20	1.36	1.68	2.70	-0.02	-0.6%
NC_877	45	4528	2.83	2.84	0.22	2.92	1.37	2.30	2.43	2.40	2.92	2.52	2.54	1.62	1.96	2.92	0.00	-0.2%
NC_878	20	4433	1.08	1.04	0.12	1.05	0.90	1.02	1.06	1.05	0.92	0.72	0.75	0.45	0.63	1.06	0.01	0.9%
NC_879	25	4461	2.60	2.58	0.12	2.58	1.69	2.27	2.49	2.46	2.49	1.94	1.97	1.21	1.57	2.49	-0.09	-3.6%
NC_880	45	4528	1.00	1.01	0.11	1.02	0.38	0.78	0.80	0.79	1.02	0.91	0.92	0.60	0.73	1.02	0.00	-0.3%
NC_881	10	4364	0.75	0.76	0.08	0.76	0.76	0.69	0.67	0.68	0.52	0.42	0.44	0.24	0.35	0.76	0.00	0.4%
NC_882	20	4429	0.64	0.62	0.09	0.63	0.49	0.62	0.63	0.63	0.56	0.44	0.46	0.27	0.39	0.63	-0.01	-0.8%
NC_883	30	4498	2.70	2.68	0.23	2.70	1.49	2.34	2.51	2.48	2.72	2.27	2.30	1.47	1.86	2.72	0.02	0.7%
NC_884	20	4371	0.68	0.64	0.12	0.64	0.66	0.64	0.63	0.64	0.51	0.41	0.42	0.23	0.34	0.66	0.02	3.4%
NC_885	10	4364	0.70	0.71	0.07	0.71	0.71	0.65	0.63	0.64	0.49	0.40	0.41	0.23	0.33	0.71	0.00	0.6%
NC_886	20	4399	2.12	2.11	0.16	2.12	1.81	1.92	2.13	2.09	1.80	1.35	1.43	0.84	1.20	2.13	0.01	0.4%
NC_887	20	4433	1.15	1.10	0.13	1.11	1.05	1.06	1.12	1.11	0.93	0.71	0.74	0.43	0.63	1.12	0.01	1.2%
NC_888	20	4371	0.68	0.64	0.12	0.64	0.66	0.64	0.63	0.64	0.50	0.40	0.42	0.23	0.34	0.66	0.02	3.0%
NC_889	20	4433	0.46	0.45	0.06	0.45	0.32	0.45	0.45	0.45	0.41	0.32	0.34	0.20	0.29	0.45	0.00	0.7%
NC_890	30	4500	1.23	1.23	0.11	1.24	0.64	1.11	1.17	1.15	1.23	1.03	1.07	0.68	0.89	1.23	-0.01	-1.0%
NC_891	20	4433	0.48	0.47	0.07	0.47	0.35	0.47	0.47	0.47	0.42	0.33	0.34	0.20	0.29	0.47	0.00	0.2%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_892	20	4429	0.52	0.50	0.08	0.50	0.41	0.50	0.50	0.50	0.44	0.35	0.36	0.21	0.30	0.50	0.00	0.8%
NC_893	20	4433	0.60	0.59	0.08	0.59	0.42	0.59	0.60	0.59	0.55	0.43	0.46	0.28	0.39	0.60	0.01	1.2%
NC_894	20	4429	0.66	0.65	0.10	0.65	0.52	0.64	0.65	0.65	0.57	0.45	0.47	0.28	0.40	0.65	0.00	-0.6%
NC_895	20	4433	0.45	0.44	0.06	0.44	0.30	0.44	0.44	0.44	0.40	0.32	0.33	0.20	0.28	0.44	0.00	0.9%
NC_896	20	4433	0.44	0.43	0.05	0.44	0.27	0.43	0.44	0.44	0.41	0.32	0.35	0.21	0.29	0.44	0.00	0.7%
NC_897	20	4433	0.47	0.46	0.07	0.46	0.33	0.46	0.46	0.46	0.42	0.33	0.34	0.20	0.29	0.46	0.00	0.9%
NC_898	30	4500	1.44	1.43	0.14	1.43	0.65	1.23	1.32	1.30	1.45	1.19	1.25	0.78	1.03	1.45	0.02	1.4%
NC_899	20	4433	0.51	0.50	0.06	0.51	0.32	0.50	0.51	0.51	0.48	0.37	0.40	0.25	0.34	0.51	0.00	0.2%
NC_900	25	4464	0.88	0.87	0.07	0.89	0.52	0.83	0.86	0.85	0.87	0.73	0.76	0.48	0.64	0.87	-0.02	-2.6%
NC_901	20	4429	0.56	0.54	0.09	0.54	0.46	0.54	0.54	0.54	0.47	0.37	0.38	0.22	0.32	0.54	0.00	0.7%
NC_902	20	4433	0.89	0.87	0.09	0.88	0.65	0.85	0.89	0.88	0.82	0.64	0.69	0.42	0.58	0.89	0.01	0.8%
NC_903	25	4464	1.85	1.85	0.14	1.87	1.12	1.68	1.77	1.75	1.84	1.51	1.60	0.99	1.33	1.84	-0.03	-1.7%
NC_904	10	4357	0.69	0.69	0.07	0.70	0.70	0.64	0.63	0.63	0.49	0.39	0.41	0.22	0.33	0.70	0.00	0.0%
NC_905	45	4528	1.90	1.88	0.20	1.93	0.93	1.58	1.68	1.66	1.93	1.65	1.68	1.07	1.35	1.93	0.00	0.0%
NC_906	20	4433	0.49	0.48	0.06	0.48	0.31	0.47	0.49	0.48	0.45	0.35	0.38	0.23	0.32	0.49	0.01	1.3%
NC_907	20	4433	1.34	1.29	0.15	1.30	1.20	1.25	1.31	1.30	1.10	0.85	0.87	0.51	0.74	1.31	0.01	1.1%
NC_908	60	4558	2.45	2.44	0.21	2.44	0.83	1.59	1.61	1.60	2.47	2.44	2.52	1.86	1.89	2.52	0.08	3.3%
NC_909	20	4433	0.56	0.54	0.09	0.54	0.49	0.54	0.54	0.54	0.45	0.36	0.37	0.21	0.31	0.54	0.00	0.4%
NC_910	20	4433	0.44	0.43	0.06	0.43	0.29	0.43	0.44	0.43	0.40	0.31	0.33	0.20	0.28	0.44	0.01	1.9%
NC_911	20	4371	0.40	0.38	0.07	0.38	0.37	0.38	0.37	0.38	0.30	0.24	0.25	0.14	0.20	0.38	0.00	0.0%
NC_912	20	4371	0.65	0.61	0.11	0.61	0.63	0.61	0.60	0.60	0.48	0.38	0.39	0.22	0.32	0.63	0.02	3.8%
NC_913	20	4367	2.58	2.52	0.26	2.52	2.40	2.20	2.58	2.47	2.09	1.55	1.70	0.97	1.43	2.58	0.06	2.5%
NC_914	20	4433	2.18	2.10	0.23	2.11	2.00	1.98	2.15	2.11	1.77	1.35	1.41	0.82	1.19	2.15	0.04	1.8%
NC_915	20	4367	2.04	1.96	0.24	1.98	1.91	1.80	2.01	1.94	1.62	1.22	1.32	0.75	1.11	2.01	0.03	1.3%
NC_916	10	4364	0.75	0.75	0.08	0.76	0.76	0.69	0.68	0.69	0.53	0.43	0.44	0.24	0.36	0.76	0.00	-0.1%
NC_917	45	4528	1.10	1.09	0.13	1.12	0.47	0.93	0.99	0.97	1.12	0.93	0.97	0.61	0.80	1.12	0.00	-0.4%
NC_918	20	4433	0.48	0.47	0.07	0.47	0.36	0.47	0.47	0.47	0.42	0.33	0.34	0.20	0.29	0.47	0.00	0.9%
NC_919	25	4464	1.56	1.55	0.13	1.56	1.12	1.48	1.54	1.53	1.51	1.25	1.30	0.83	1.09	1.54	-0.02	-1.1%
NC_920	20	4399	2.99	2.96	0.25	2.97	2.59	2.62	3.01	2.90	2.65	2.05	2.23	1.34	1.88	3.01	0.04	1.5%
NC_921	20	4371	0.72	0.67	0.12	0.67	0.72	0.67	0.66	0.66	0.52	0.42	0.43	0.24	0.35	0.72	0.05	7.5%
NC_922	20	4433	0.43	0.42	0.05	0.43	0.27	0.42	0.43	0.43	0.40	0.31	0.33	0.20	0.28	0.43	0.00	0.2%
NC_923	45	4528	0.70	0.68	0.08	0.70	0.32	0.62	0.65	0.64	0.70	0.59	0.61	0.39	0.51	0.70	0.00	-0.1%
NC_924	20	4433	0.44	0.43	0.06	0.43	0.28	0.42	0.44	0.43	0.40	0.31	0.33	0.20	0.28	0.44	0.01	1.2%
NC_925	45	4534	4.35	4.40	0.29	4.48	2.15	3.40	3.53	3.53	4.49	4.06	4.05	2.70	3.03	4.49	0.01	0.2%
NC_926	45	4528	1.31	1.31	0.15	1.34	0.49	1.03	1.07	1.06	1.34	1.16	1.18	0.75	0.94	1.34	0.00	-0.3%
NC_927	20	4433	0.47	0.46	0.06	0.47	0.32	0.46	0.47	0.47	0.42	0.33	0.35	0.21	0.30	0.47	0.00	-0.6%
NC_928	20	4433	0.65	0.63	0.10	0.63	0.51	0.63	0.63	0.63	0.56	0.44	0.46	0.27	0.39	0.63	0.00	0.3%
NC_929	20	4399	2.38	2.31	0.24	2.32	2.01	2.19	2.37	2.31	2.12	1.65	1.78	1.07	1.51	2.37	0.05	2.1%
NC_930	25	4394	10.93	11.10	0.76	11.23	7.72	9.51	10.70	10.49	10.51	8.24	8.70	5.30	7.12	10.70	-0.53	-4.7%
NC_931	10	4364	0.85	0.86	0.09	0.87	0.87	0.78	0.78	0.78	0.60	0.48	0.50	0.28	0.41	0.87	0.00	-0.3%
NC_932	45	4528	5.21	5.29	0.34	5.39	1.89	3.65	3.76	3.74	5.39	5.12	5.26	3.72	3.98	5.39	0.00	-0.1%
NC_933	20	4371	0.69	0.64	0.12	0.64	0.69	0.64	0.63	0.64	0.50	0.40	0.41	0.23	0.33	0.69	0.05	8.4%
NC_934	20	4371	0.71	0.65	0.12	0.66	0.72	0.66	0.65	0.65	0.50	0.41	0.42	0.23	0.34	0.72	0.05	8.3%
NC_935	25	4464	0.90	0.90	0.08	0.91	0.58	0.85	0.90	0.89	0.87	0.70	0.75	0.47	0.63	0.90	-0.01	-1.1%
NC_936	45	4528	1.54	1.57	0.13	1.59	0.52	1.09	1.13	1.12	1.59	1.44	1.47	0.95	1.12	1.59	0.00	0.1%
NC_937	45	4534	4.85	4.90	0.29	5.00	2.47	3.84	3.95	3.95	5.00	4.58	4.52	3.09	3.37	5.00	0.00	0.1%
NC_938	20	4429	1.29	1.21	0.19	1.22	1.27	1.16	1.22	1.21	0.96	0.74	0.78	0.45	0.65	1.27	0.05	4.2%
NC_939	20	4429	0.60	0.58	0.09	0.58	0.48	0.58	0.58	0.58	0.51	0.40	0.42	0.25	0.35	0.58	0.00	0.5%
NC_940	60	4558	5.54	5.51	0.55	5.52	2.04	3.79	3.90	3.88	5.68	5.52	5.65	4.07	4.28	5.68	0.16	2.9%
NC_941	45	4533	1.71	1.73	0.10	1.77	0.53	1.15	1.18	1.17	1.77	1.67	1.70	1.13	1.27	1.77	0.00	0.1%
NC_942	20	4429	0.50	0.49	0.08	0.49	0.39	0.49	0.49	0.49	0.42	0.34	0.34	0.20	0.29	0.49	0.00	-0.2%
NC_943	20	4433	1.01	0.93	0.17	0.93	1.02	0.93	0.93	0.93	0.73	0.58	0.60	0.34	0.49	1.02	0.09	9.4%
NC_944	20	4371	0.65	0.61	0.11	0.61	0.63	0.61	0.60	0.60	0.48	0.38	0.39	0.22	0.32	0.63	0.02	3.9%
NC_945	20	4433	0.45	0.43	0.05	0.44	0.28	0.43	0.44	0.44	0.41	0.32	0.34	0.20	0.29	0.44	0.00	0.5%
NC_946	20	4371	0.69	0.64	0.12	0.64	0.69	0.64	0.63	0.63	0.49	0.40	0.41	0.23	0.33	0.69	0.05	8.0%
NC_947	20	4433	0.44	0.43	0.06	0.43	0.28	0.42	0.44	0.43	0.40	0.31	0.33	0.20	0.28	0.44	0.01	1.2%
NC_948	45	4528	2.49	2.53	0.16	2.57	0.77	1.67	1.70	1.70	2.57	2.45	2.49	1.68	1.86	2.57	0.00	0.0%
NC_949	60	4558	5.66	5.63	0.51	5.64	2.04	3.81	3.92	3.90	5.72	5.64	5.76	4.23	4.40	5.76	0.12	2.1%
NC_950	720	4787	4.79	4.45	2.15	4.50	0.51	0.56	0.55	0.55	0.46	0.37	0.53	0.53	6.04	6.04	1.54	34.3%
NC_951	45	4528	3.30	3.28	0.28	3.36	1.66	2.76	2.88	2.87	3.36	2.88	2.89	1.85	2.25	3.36	0.00	-0.1%
NC_952	20	4371	0.71	0.66	0.12	0.66	0.71	0.66	0.65	0.66	0.51	0.41	0.43	0.24	0.35	0.71	0.05	7.9%
NC_953	10	4364	0.80	0.81	0.08	0.81	0.81	0.73	0.72	0.73	0.56	0.45	0.47	0.26	0.38	0.81	0.00	0.1%
NC_954	20	4433	0.52	0.51	0.08	0.51	0.37	0.51	0.51	0.51	0.46	0.36	0.38	0.23	0.32	0.51	0.00	0.2%
NC_955	20	4433	0.48	0.47	0.07	0.48	0.34	0.47	0.48	0.48	0.43	0.34	0.36	0.21	0.30	0.48	0.00	-0.4%
NC_956	720	4787	7.43	6.93	3.27	6.96	3.42	5.03	5.26	5.23	6.14	5.71	5.76	4.12	8.78	8.78	1.82	26.2%
NC_957	20	4433	2.72	2.61	0.30	2.62	2.40	2.48	2.68	2.62	2.28	1.75	1.87	1.10	1.58	2.68	0.06	2.4%
NC_958	20	4433	0.46	0.45	0.06	0.45	0.29	0.44	0.45	0.45	0.42	0.33	0.35	0.21	0.29	0.45	0.00	0.9%
NC_959	20	4367	1.97	1.89	0.23	1.91	1.86	1.75	1.93	1.87	1.57	1.18	1.27	0.73	1.07	1.93	0.02	1.0%
NC_960	25	4394	11.48	11.64	0.74	11.69	8.06	10.15	11.19	10.98	11.42	9.78	9.92	6.92	9.68	11.42	-0.27	-2.3%
NC_961	20	4433	1.17	1.12	0.15	1.13	1.00	1.11	1.14	1.13	0.99	0.78	0.81	0.49	0.69	1.14	0.01	0.5%
NC_962	20	4433	0.44	0.43	0.05	0.43	0.27	0.42	0.44	0.43	0.40	0.31	0.34	0.20	0.28	0.44	0.01	1.2%
NC_963	20	4367	1.40	1.34	0.19	1.35	1.30	1.29	1.36	1.34	1.11	0.86	0.89	0.52	0.76	1.36	0.00	0.4%
NC_964	60	4558	8.78	8.74	0.84	8.75	3.05	5.86	6.00	5.98	8.91	8.75	8.92	6.42	6.74	8.92	0.17	1.9%
NC_965	25	4464	0.78	0.78	0.06	0.79	0.39	0.71	0.75	0.74	0.78	0.65	0.68	0.43	0.56	0.78	-0.01	-1.4%
NC_966	20	4433	0.61	0.59	0.09	0.59	0.53	0.59	0.59	0.59	0.49	0.39	0.40	0.23	0.34	0.59	0.00	-0.2%
NC_967	30	4498	11.24	11.03	0.99	11.22	7.21	9.77	10.63	10.49	11.51	9.95	10.14	7.05	9.56	11.51	0.29	2.6%
NC_968	25	4460	1.33	1.34	0.11	1.34	0.85	1.21	1.31	1.28	1.30	1.06	1.12	0.70	0.94	1.31	-0.03	-2.2%
NC_969	720	4787	4.76	4.40	2.17	4.43	0.08	0.22	0.22	0.22	0.33	0.36	0.44	0.47	6.28	6.28	1.85	41.8%
NC_970	20	4429	2.60	2.63	0.18	2.63	2.02	2.22	2.63	2.55	2.32	1.74	1.88	1.09	1.56	2.63	0.00	0.0%
NC_971	60	4558	6.82	6.66	0.52	6.67	3.30	4.38	4.43	4.43	6.98	6.67	5.10	4.24	4.14	6.98	0.31	4.7%
NC_972	20	4399	4.05	3.99	0.37	4.00	3.51	3.50	4.06	3.86	3.41	2.58	2.82	1.62	2.38	4.06	0.06	1.5%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_973	120	4499	21.09	21.02	0.43	21.06	7.49	11.45	11.47	11.47	15.95	17.39	21.06	21.14	20.51	21.14	0.08	0.4%
NC_974	120	4499	29.27	29.31	2.41	29.74	11.39	17.61	18.33	18.27	23.63	23.65	29.74	29.64	24.86	29.74	0.00	0.0%
NC_975	10	4364	1.10	1.10	0.08	1.11	1.11	0.95	1.02	1.00	0.78	0.60	0.63	0.36	0.53	1.11	0.00	-0.2%
NC_976	120	4499	29.16	29.24	2.47	29.69	11.37	17.55	18.28	18.21	23.51	23.54	29.69	29.41	24.66	29.69	0.00	0.0%
NC_977	120	4499	28.74	28.92	2.65	29.41	11.21	17.20	17.94	17.87	22.99	23.05	29.41	28.72	24.09	29.41	0.00	0.0%
NC_978	120	4499	50.67	50.65	2.11	50.82	18.42	29.39	30.11	30.06	40.88	42.41	50.82	51.88	46.11	51.88	1.06	2.1%
NC_979	120	4617	51.61	51.72	1.70	51.93	18.57	29.88	30.49	30.46	42.29	43.93	52.04	53.20	47.46	53.20	1.27	2.4%
NC_980	60	4558	37.39	36.78	1.34	36.82	15.06	25.22	25.59	25.61	35.98	36.82	37.11	33.22	28.97	37.11	0.29	0.8%
NC_981	120	4499	90.74	89.97	6.18	91.04	31.61	53.53	54.02	54.07	77.48	83.13	91.04	92.19	78.98	92.19	1.15	1.3%
NC_982	60	4558	31.21	30.77	1.74	30.89	10.94	17.92	18.37	18.35	30.24	30.89	32.58	24.28	25.73	32.58	1.69	5.5%
NC_983	60	4558	31.10	30.62	1.57	30.73	10.85	17.82	18.26	18.24	29.92	30.73	32.42	25.20	25.70	32.42	1.69	5.5%
NC_984	10	4364	1.76	1.77	0.09	1.78	1.78	1.51	1.68	1.63	1.29	0.97	1.05	0.60	0.88	1.78	-0.01	-0.3%
NC_985	20	4371	0.87	0.82	0.14	0.82	0.85	0.82	0.81	0.81	0.65	0.52	0.53	0.30	0.44	0.85	0.03	3.5%
NC_986	25	4394	3.34	3.40	0.23	3.41	2.25	2.99	3.31	3.26	3.14	2.41	2.52	1.52	2.08	3.31	-0.10	-3.0%
NC_987	20	4433	0.52	0.50	0.08	0.50	0.43	0.50	0.50	0.50	0.43	0.34	0.35	0.20	0.30	0.50	0.00	0.8%
NC_988	20	4371	0.68	0.64	0.11	0.64	0.65	0.64	0.63	0.63	0.51	0.41	0.42	0.23	0.34	0.65	0.01	0.9%
NC_989	20	4429	4.13	4.01	0.47	4.07	3.95	3.53	4.07	3.90	3.20	2.40	2.59	1.49	2.19	4.07	0.00	-0.1%
NC_990	45	4528	27.22	27.37	1.52	28.11	7.00	16.31	16.82	16.78	28.11	26.38	27.77	17.65	21.64	28.11	0.00	0.0%
NC_991	20	4371	0.54	0.51	0.09	0.51	0.52	0.51	0.50	0.50	0.40	0.32	0.33	0.18	0.27	0.52	0.01	1.0%
NC_992	45	4534	2.93	2.93	0.08	2.93	2.15	2.68	2.75	2.75	2.98	2.78	2.65	1.99	2.18	2.98	0.05	1.7%
NC_993	20	4429	1.34	1.28	0.18	1.30	1.28	1.19	1.30	1.26	1.03	0.78	0.84	0.48	0.70	1.30	0.00	-0.2%
NC_994	20	4429	1.01	0.96	0.15	0.97	0.96	0.93	0.97	0.95	0.77	0.60	0.63	0.36	0.53	0.97	0.00	-0.2%
NC_995	20	4429	1.52	1.45	0.20	1.47	1.48	1.35	1.47	1.43	1.16	0.88	0.94	0.54	0.79	1.48	0.01	0.8%
NC_996	20	4429	1.43	1.35	0.20	1.37	1.43	1.24	1.37	1.33	1.06	0.81	0.87	0.49	0.72	1.43	0.06	4.1%
NC_997	20	4399	4.81	4.76	0.39	4.77	4.04	4.23	4.83	4.65	4.33	3.38	3.64	2.20	3.17	4.83	0.06	1.2%
NC_998	20	4371	0.60	0.56	0.11	0.56	0.61	0.56	0.55	0.55	0.43	0.34	0.36	0.20	0.29	0.61	0.05	9.6%
NC_999	20	4429	1.26	1.18	0.19	1.19	1.26	1.13	1.19	1.17	0.92	0.71	0.75	0.43	0.62	1.26	0.07	6.1%
NC_1000	25	4394	3.07	3.07	0.16	3.07	2.16	2.82	2.99	2.97	2.98	2.51	2.52	1.64	2.04	2.99	-0.08	-2.7%
NC_1001	20	4399	2.22	2.21	0.17	2.21	1.80	2.05	2.23	2.18	2.14	1.74	1.83	1.15	1.59	2.23	0.02	0.9%
NC_1002	20	4429	1.16	1.09	0.18	1.10	1.17	1.05	1.10	1.08	0.85	0.66	0.70	0.39	0.58	1.17	0.07	6.5%
NC_1003	20	4367	0.95	0.91	0.14	0.91	0.88	0.88	0.92	0.90	0.74	0.57	0.60	0.34	0.51	0.92	0.01	0.9%
NC_1004	20	4433	1.27	1.23	0.15	1.23	1.03	1.17	1.26	1.23	1.08	0.83	0.89	0.52	0.75	1.26	0.03	2.5%
NC_1005	20	4429	6.63	6.59	0.51	6.65	5.48	5.70	6.65	6.37	5.92	4.60	4.96	2.98	4.29	6.65	0.00	0.0%
NC_1006	20	4371	0.67	0.62	0.12	0.62	0.68	0.62	0.61	0.61	0.47	0.38	0.40	0.22	0.32	0.68	0.06	8.9%
NC_1007	25	4394	14.28	14.49	1.17	14.71	10.63	12.36	14.30	13.95	13.15	10.07	10.83	6.49	9.13	14.30	-0.41	-2.8%
NC_1008	20	4429	2.23	2.17	0.24	2.20	2.16	1.90	2.20	2.11	1.72	1.28	1.39	0.80	1.17	2.20	0.00	0.1%
NC_1009	20	4371	0.73	0.69	0.12	0.69	0.68	0.69	0.68	0.69	0.56	0.45	0.46	0.26	0.38	0.69	0.00	-0.4%
NC_1010	20	4399	1.58	1.54	0.15	1.55	1.39	1.39	1.58	1.53	1.30	0.97	1.05	0.60	0.88	1.58	0.03	1.7%
NC_1011	20	4371	0.53	0.50	0.09	0.51	0.49	0.51	0.50	0.50	0.40	0.32	0.33	0.19	0.27	0.51	0.00	-0.6%
NC_1012	20	4433	0.41	0.40	0.06	0.40	0.28	0.40	0.41	0.40	0.36	0.29	0.30	0.18	0.25	0.41	0.01	1.5%
NC_1013	20	4433	0.99	0.97	0.10	0.98	0.63	0.95	0.99	0.98	0.93	0.72	0.79	0.47	0.66	0.99	0.01	1.2%
NC_1014	25	4462	1.44	1.46	0.15	1.47	0.90	1.35	1.45	1.42	1.39	1.08	1.19	0.72	0.99	1.45	-0.02	-1.4%
NC_1015	90	4395	20.23	20.56	1.69	20.74	3.86	8.97	9.03	9.02	16.83	18.85	21.55	18.61	16.82	21.55	0.81	3.9%
NC_1016	45	4528	6.17	6.21	0.57	6.38	2.67	4.78	5.06	5.00	6.38	5.60	5.76	3.70	4.48	6.38	0.00	0.0%
NC_1017	90	4588	16.87	17.10	1.79	17.50	2.61	8.38	8.45	8.44	15.37	16.77	18.24	14.84	14.13	18.24	0.74	4.2%
NC_1018	90	4395	3.54	3.54	0.25	3.55	1.64	2.25	2.27	2.27	3.17	3.29	3.51	3.40	3.16	3.51	-0.04	-1.3%
NC_1019	30	4498	0.72	0.71	0.07	0.71	0.46	0.63	0.69	0.67	0.73	0.61	0.63	0.40	0.51	0.73	0.02	2.5%
NC_1020	60	4558	15.82	15.81	1.13	15.83	2.69	8.65	8.75	8.74	15.15	15.83	16.52	12.43	12.70	16.52	0.69	4.3%
NC_1021	25	4461	2.05	2.08	0.14	2.08	1.24	1.80	1.97	1.93	2.06	1.67	1.76	1.09	1.43	2.06	-0.02	-1.0%
NC_1022	45	4528	1.13	1.15	0.11	1.16	0.38	0.81	0.84	0.83	1.16	1.06	1.08	0.70	0.82	1.16	0.00	0.3%
NC_1023	60	4558	16.64	16.63	1.04	16.65	2.71	8.78	8.87	8.86	15.67	16.65	17.57	13.48	13.56	17.57	0.92	5.5%
NC_1024	60	4558	12.77	12.66	1.25	12.68	4.41	8.72	8.94	8.90	13.01	12.68	12.94	9.33	9.88	13.01	0.33	2.6%
NC_1025	25	4461	4.68	4.76	0.40	4.82	2.65	4.14	4.53	4.41	4.69	3.75	4.03	2.48	3.30	4.69	-0.13	-2.7%
NC_1026	25	4460	1.76	1.78	0.16	1.79	0.96	1.60	1.72	1.68	1.75	1.41	1.52	0.93	1.25	1.75	-0.04	-2.1%
NC_1027	25	4461	2.95	3.00	0.27	3.04	1.78	2.61	2.89	2.81	2.91	2.31	2.49	1.53	2.06	2.91	-0.13	-4.3%
NC_1028	20	4371	0.54	0.52	0.08	0.52	0.43	0.52	0.52	0.52	0.45	0.36	0.37	0.22	0.31	0.52	0.00	0.8%
NC_1029	20	4433	0.49	0.47	0.08	0.47	0.41	0.47	0.47	0.47	0.40	0.32	0.32	0.19	0.27	0.47	0.00	0.9%
NC_1030	20	4371	0.28	0.26	0.05	0.26	0.27	0.26	0.25	0.26	0.20	0.16	0.17	0.09	0.13	0.27	0.01	5.0%
NC_1031	25	4460	0.39	0.39	0.04	0.39	0.20	0.36	0.39	0.38	0.37	0.28	0.31	0.18	0.26	0.39	0.00	-0.8%
NC_1032	20	4433	0.77	0.76	0.07	0.76	0.52	0.74	0.77	0.76	0.74	0.58	0.63	0.39	0.53	0.77	0.01	1.1%
NC_1033	45	4528	1.40	1.42	0.14	1.43	0.48	1.01	1.04	1.03	1.43	1.30	1.32	0.84	1.00	1.43	0.00	0.1%
NC_1034	60	4558	2.46	2.46	0.21	2.46	0.79	1.60	1.61	1.61	2.47	2.46	2.52	1.88	1.90	2.52	0.06	2.6%
NC_1035	20	4433	0.46	0.44	0.07	0.44	0.40	0.45	0.44	0.44	0.37	0.29	0.30	0.17	0.25	0.45	0.01	1.4%
NC_1036	2160	4493	0.83	0.82	0.30	0.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.84	-100.0%
NC_1037	45	4528	1.41	1.41	0.15	1.43	0.59	1.11	1.15	1.15	1.43	1.25	1.27	0.81	1.00	1.43	0.00	0.2%
NC_1038	45	4528	1.18	1.20	0.11	1.21	0.42	0.83	0.85	0.84	1.21	1.11	1.13	0.73	0.85	1.21	0.00	-0.2%
NC_1039	60	4558	1.48	1.47	0.13	1.48	0.53	1.03	1.05	1.05	1.50	1.48	1.50	1.10	1.15	1.50	0.02	1.6%
NC_1040	20	4433	0.27	0.27	0.04	0.27	0.18	0.26	0.27	0.27	0.24	0.19	0.19	0.11	0.17	0.27	0.00	0.7%
NC_1041	60	4558	1.51	1.50	0.12	1.50	0.53	1.04	1.05	1.05	1.52	1.50	1.53	1.15	1.19	1.53	0.03	2.1%
NC_1042	20	4399	0.62	0.61	0.06	0.61	0.43	0.57	0.62	0.61	0.56	0.42	0.46	0.27	0.39	0.62	0.01	2.3%
NC_1043	45	4528	2.05	2.08	0.19	2.12	0.80	1.54	1.61	1.59	2.12	1.90	1.94	1.25	1.49	2.12	0.00	-0.2%
NC_1044	60	4558	4.48	4.42	0.38	4.43	1.43	2.93	3.00	2.99	4.49	4.43	4.46	3.22	3.42	4.49	0.06	1.2%
NC_1045	120	4499	27.61	27.58	3.10	28.12	10.28	15.33	16.14	16.02	20.72	22.51	28.12	27.00	22.55	28.12	0.00	0.0%
NC_1046	60	4558	11.78	11.76	0.94	11.77	3.96	7.60	7.80	7.77	11.62	11.77	12.03	9.11	9.21	12.03	0.26	2.2%
NC_1047	60	4558	12.63	12.58	0.85	12.59	4.29	7.99	8.19	8.18	12.27	12.59	12.96	10.20	10.02	12.96	0.37	3.0%
NC_1048	25	4394	5.79	5.86	0.33	5.90	3.87	5.10	5.60	5.51	5.84	5.34	5.40	3.90	4.29	5.84	-0.06	-1.1%
NC_1049	60	4558	4.22	4.20	0.28	4.21	1.93	3.11	3.24	3.20	4.24	4.21	3.94	3.14	3.00	4.24	0.03	0.7%
NC_1050	60	4558	3.43	3.43	0.15	3.44	1.41	2.36	2.38	2.36	3.38	3.44	3.12	2.53	2.37	3.44	0.00	-0.1%
NC_1051	20	4371	0.30	0.28	0.06	0.28	0.29	0.28	0.27	0.28	0.21	0.17	0.18	0.10	0.14	0.29	0.01	4.3%
NC_1052	45	4528	4.57	4.58	0.39	4.60	2.90	3.91	4.26	4.21	4.60	4.43	4.43	3.25	3.44	4.60	0.00	0.0%
NC_1053	20	4367	0.99	0.96	0.11	0.96	0.94	0.87	0.97	0.95	0.77	0.57	0.61	0.35	0.52	0.97	0.01	1.4%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_1054	45	4534	2.55	2.55	0.06	2.55	1.37	2.09	2.14	2.14	2.60	2.47	2.33	1.75	1.80	2.60	0.05	2.1%
NC_1055	20	4371	0.67	0.62	0.12	0.62	0.67	0.62	0.61	0.61	0.48	0.38	0.40	0.22	0.32	0.67	0.05	8.2%
NC_1056	10	4357	0.98	0.98	0.09	0.99	0.99	0.84	0.86	0.85	0.65	0.51	0.54	0.30	0.44	0.99	0.00	0.0%
NC_1057	10	4357	0.55	0.55	0.06	0.56	0.56	0.48	0.47	0.47	0.35	0.29	0.30	0.16	0.24	0.56	0.00	-0.4%
NC_1058	60	4558	3.02	3.00	0.11	3.00	1.36	2.16	2.19	2.19	2.97	3.00	2.71	2.22	2.13	3.00	0.00	0.0%
NC_1059	60	4558	2.56	2.56	0.16	2.56	0.82	1.63	1.66	1.65	2.50	2.56	2.47	1.84	1.90	2.56	0.00	0.0%
NC_1060	20	4429	1.16	1.13	0.12	1.14	1.12	1.03	1.14	1.12	0.90	0.67	0.71	0.41	0.60	1.14	0.00	0.2%
NC_1061	60	4558	3.00	2.81	0.47	2.81	1.61	2.35	2.40	2.40	2.91	2.81	2.67	2.10	2.11	2.91	0.10	3.5%
NC_1062	60	4405	3.62	3.63	0.17	3.63	1.54	2.95	2.94	2.93	3.53	3.62	3.32	2.76	2.69	3.62	-0.01	-0.3%
NC_1063	25	4460	1.26	1.28	0.09	1.28	0.78	1.13	1.24	1.22	1.18	0.91	0.96	0.58	0.79	1.24	-0.04	-3.5%
NC_1064	25	4461	8.12	8.04	0.40	8.04	5.50	7.11	7.84	7.75	7.76	6.03	6.10	3.73	4.91	7.84	-0.20	-2.4%
NC_1065	30	4498	1.38	1.38	0.12	1.40	0.74	1.17	1.25	1.24	1.38	1.11	1.13	0.69	0.89	1.38	-0.02	-1.4%
NC_1066	20	4399	2.11	2.04	0.22	2.05	1.88	1.87	2.10	2.03	1.73	1.30	1.41	0.81	1.19	2.10	0.05	2.6%
NC_1067	20	4371	0.57	0.54	0.10	0.54	0.55	0.54	0.53	0.54	0.43	0.34	0.35	0.20	0.29	0.55	0.01	1.1%
NC_1068	20	4433	0.84	0.80	0.12	0.81	0.72	0.78	0.83	0.81	0.68	0.52	0.55	0.32	0.47	0.83	0.01	1.9%
NC_1069	10	4364	0.79	0.79	0.08	0.80	0.80	0.71	0.69	0.70	0.53	0.43	0.45	0.25	0.36	0.80	0.00	0.0%
NC_1070	10	4364	1.14	1.15	0.10	1.16	1.16	1.00	1.02	1.02	0.78	0.61	0.65	0.36	0.53	1.16	0.00	-0.1%
NC_1071	20	4371	0.42	0.38	0.08	0.39	0.42	0.39	0.37	0.38	0.29	0.24	0.24	0.13	0.19	0.42	0.03	7.9%
NC_1072	20	4433	0.58	0.56	0.09	0.56	0.52	0.56	0.55	0.56	0.46	0.37	0.38	0.21	0.31	0.56	0.00	-0.2%
NC_1073	20	4429	4.23	4.12	0.47	4.18	3.97	3.63	4.18	4.02	3.33	2.49	2.69	1.54	2.27	4.18	0.00	0.0%
NC_1074	20	4429	6.40	6.38	0.56	6.45	5.51	5.30	6.45	6.12	5.29	3.93	4.33	2.45	3.64	6.45	0.00	0.1%
NC_1075	20	4429	2.22	2.12	0.31	2.14	2.06	2.03	2.14	2.10	1.74	1.34	1.42	0.81	1.19	2.14	0.00	0.2%
NC_1076	20	4433	0.39	0.39	0.06	0.39	0.29	0.39	0.39	0.39	0.34	0.27	0.28	0.16	0.24	0.39	0.00	-0.3%
NC_1077	20	4371	0.26	0.25	0.04	0.25	0.20	0.25	0.25	0.25	0.21	0.17	0.17	0.10	0.14	0.25	0.00	0.0%
NC_1078	20	4399	1.59	1.54	0.15	1.55	1.47	1.39	1.58	1.53	1.26	0.93	1.00	0.57	0.85	1.58	0.03	1.7%
NC_1079	20	4429	2.52	2.53	0.13	2.54	1.89	2.26	2.54	2.49	2.28	1.73	1.80	1.08	1.49	2.54	0.00	0.1%
NC_1080	10	4357	0.42	0.43	0.05	0.43	0.43	0.39	0.37	0.38	0.29	0.23	0.24	0.13	0.19	0.43	0.00	0.0%
NC_1081	30	4500	1.02	1.03	0.08	1.03	0.56	0.92	0.96	0.96	1.03	0.87	0.88	0.57	0.73	1.03	0.00	-0.3%
NC_1082	20	4399	1.05	1.04	0.09	1.04	0.81	0.96	1.05	1.03	0.91	0.69	0.73	0.43	0.62	1.05	0.01	1.3%
NC_1083	20	4433	0.41	0.40	0.06	0.40	0.33	0.40	0.40	0.40	0.34	0.27	0.27	0.16	0.23	0.40	0.00	-0.8%
NC_1084	20	4433	0.71	0.70	0.10	0.70	0.51	0.70	0.70	0.70	0.65	0.51	0.54	0.33	0.46	0.70	0.00	0.6%
NC_1085	30	4500	1.04	1.04	0.09	1.04	0.56	0.93	0.98	0.97	1.03	0.86	0.88	0.56	0.73	1.03	-0.01	-0.6%
NC_1086	20	4433	0.44	0.42	0.07	0.42	0.38	0.42	0.41	0.42	0.34	0.27	0.28	0.16	0.23	0.42	0.00	0.0%
NC_1087	45	4528	2.30	2.30	0.20	2.31	1.48	1.95	2.01	2.00	2.31	2.14	2.13	1.41	1.62	2.31	0.00	0.0%
NC_1088	20	4433	1.25	1.21	0.13	1.21	1.09	1.16	1.23	1.21	1.06	0.81	0.86	0.51	0.73	1.23	0.02	1.6%
NC_1089	20	4433	0.78	0.77	0.08	0.77	0.63	0.73	0.78	0.77	0.69	0.53	0.57	0.34	0.48	0.78	0.01	1.3%
NC_1090	20	4433	0.48	0.46	0.08	0.47	0.41	0.47	0.46	0.47	0.39	0.31	0.32	0.18	0.27	0.47	0.00	-0.4%
NC_1091	20	4399	1.90	1.85	0.19	1.85	1.69	1.73	1.89	1.85	1.60	1.22	1.30	0.76	1.10	1.89	0.04	1.9%
NC_1092	60	4558	14.28	14.09	0.72	14.10	5.17	9.41	9.56	9.54	13.96	14.10	13.35	10.88	10.31	14.10	0.00	0.0%
NC_1093	45	4528	2.53	2.54	0.21	2.58	1.51	2.08	2.20	2.17	2.58	2.37	2.36	1.60	1.84	2.58	0.00	0.0%
NC_1094	20	4429	2.07	2.09	0.12	2.10	1.58	1.82	2.10	2.04	1.88	1.45	1.54	0.92	1.30	2.10	0.00	-0.1%
NC_1095	20	4399	2.02	1.96	0.19	1.97	1.78	1.80	2.01	1.95	1.70	1.30	1.39	0.81	1.18	2.01	0.04	2.0%
NC_1096	25	4464	0.86	0.85	0.08	0.86	0.51	0.82	0.84	0.84	0.84	0.70	0.74	0.47	0.62	0.84	-0.02	-2.1%
NC_1097	45	4528	1.09	1.09	0.12	1.11	0.45	0.88	0.92	0.91	1.11	0.97	0.98	0.63	0.78	1.11	0.00	-0.4%
NC_1098	20	4399	0.75	0.72	0.08	0.72	0.69	0.66	0.74	0.72	0.59	0.44	0.48	0.27	0.40	0.74	0.02	2.6%
NC_1099	20	4399	0.86	0.85	0.09	0.85	0.73	0.78	0.86	0.84	0.72	0.54	0.58	0.33	0.49	0.86	0.01	1.6%
NC_1100	60	4558	14.19	13.99	0.67	14.01	5.09	9.29	9.42	9.41	13.81	14.01	13.27	11.09	10.26	14.01	0.00	0.0%
NC_1101	45	4496	8.70	8.70	0.33	8.78	3.91	6.65	6.78	6.78	8.97	8.05	7.77	5.23	5.85	8.97	0.19	2.1%
NC_1102	90	4395	140.96	142.21	6.82	142.38	47.92	79.54	80.21	80.15	122.04	133.28	146.62	140.98	127.84	146.62	4.24	3.0%
NC_1103	20	4399	1.73	1.68	0.16	1.69	1.58	1.53	1.72	1.67	1.38	1.02	1.10	0.63	0.93	1.72	0.03	1.5%
NC_1104	20	4429	0.80	0.78	0.09	0.79	0.78	0.68	0.79	0.76	0.61	0.45	0.49	0.28	0.42	0.79	0.00	0.1%
NC_1105	360	4719	5.21	5.18	1.07	5.40	0.43	0.73	0.73	0.73	1.33	2.63	5.55	4.78	6.72	6.72	1.32	24.5%
NC_1106	90	4395	137.12	138.31	6.77	138.48	47.77	78.92	79.68	79.61	120.88	130.93	142.17	136.35	122.60	142.17	3.69	2.7%
NC_1107	45	4496	6.93	6.85	0.32	6.95	3.59	5.55	5.88	5.85	7.20	6.19	6.19	3.96	4.69	7.20	0.25	3.6%
NC_1108	20	4429	0.77	0.74	0.09	0.75	0.74	0.67	0.75	0.73	0.59	0.44	0.47	0.27	0.40	0.75	0.00	-0.1%
NC_1109	20	4429	7.31	7.28	0.49	7.35	5.84	6.47	7.35	7.11	6.88	5.59	5.92	3.88	4.88	7.35	0.00	-0.1%
NC_1110	25	4394	6.69	6.77	0.37	6.82	4.39	5.90	6.46	6.37	6.68	5.64	5.72	3.79	4.60	6.68	-0.14	-2.1%
NC_1111	20	4433	1.40	1.34	0.16	1.35	1.23	1.31	1.36	1.35	1.16	0.90	0.93	0.55	0.79	1.36	0.01	0.8%
NC_1112	90	4395	156.55	157.94	7.89	158.43	54.21	91.24	92.11	92.04	136.59	148.59	162.90	155.49	141.87	162.90	4.47	2.8%
NC_1113	120	4499	156.71	155.35	13.93	160.89	48.73	87.53	88.06	88.07	132.93	145.02	160.89	159.02	141.11	160.89	0.00	0.0%
NC_1114	120	4499	156.47	155.03	13.81	160.47	48.58	87.28	87.81	87.82	132.53	144.52	160.47	159.15	140.83	160.47	0.00	0.0%
NC_1115	20	4429	1.27	1.20	0.18	1.21	1.22	1.15	1.21	1.19	0.97	0.75	0.78	0.45	0.66	1.22	0.01	1.0%
NC_1116	20	4429	1.52	1.46	0.19	1.48	1.44	1.34	1.48	1.43	1.18	0.90	0.96	0.55	0.81	1.48	0.00	-0.2%
NC_1117	20	4429	2.95	2.96	0.18	2.99	2.27	2.62	2.99	2.91	2.60	1.95	2.09	1.23	1.76	2.99	0.00	-0.1%
NC_1118	10	4357	0.48	0.48	0.05	0.49	0.49	0.43	0.42	0.42	0.32	0.26	0.27	0.15	0.21	0.49	0.00	-0.4%
NC_1119	20	4429	14.44	14.52	0.95	14.53	11.15	12.26	14.53	14.14	12.84	9.56	10.36	5.98	8.53	14.53	0.00	0.0%
NC_1120	20	4399	2.06	2.04	0.16	2.05	1.78	1.85	2.06	2.02	1.70	1.27	1.33	0.77	1.12	2.06	0.01	0.4%
NC_1121	30	4498	21.55	21.27	1.59	21.69	13.37	18.55	19.95	19.80	22.14	19.83	22.48	16.83	17.59	22.48	0.79	3.6%
NC_1122	20	4371	0.53	0.50	0.10	0.50	0.54	0.50	0.49	0.49	0.38	0.31	0.32	0.17	0.25	0.54	0.04	7.6%
NC_1123	20	4429	1.57	1.51	0.20	1.53	1.50	1.39	1.53	1.48	1.22	0.93	0.99	0.57	0.84	1.53	0.00	-0.1%
NC_1124	30	4498	20.60	20.24	1.81	20.63	13.63	18.04	19.64	19.43	20.81	18.90	21.41	15.96	16.83	21.41	0.78	3.8%
NC_1125	25	4466	20.77	20.83	1.02	20.90	14.03	18.26	19.96	19.73	20.78	18.90	21.38	15.90	16.89	21.38	0.48	2.3%
NC_1126	20	4371	0.66	0.63	0.11	0.63	0.62	0.63	0.62	0.63	0.51	0.41	0.42	0.23	0.34	0.63	0.00	0.0%
NC_1127	10	4364	1.99	2.00	0.09	2.01	2.01	1.67	1.90	1.83	1.45	1.08	1.17	0.67	0.98	2.01	0.00	-0.2%
NC_1128	20	4429	1.23	1.15	0.18	1.16	1.22	1.10	1.16	1.14	0.91	0.70	0.74	0.42	0.62	1.22	0.06	5.4%
NC_1129	15	4401	2.53	2.46	0.22	2.48	2.43	2.09	2.50	2.38	1.96	1.45	1.59	0.90	1.33	2.50	0.02	0.8%
NC_1130	20	4404	3.96	3.89	0.37	3.89	3.53	3.37	3.97	3.78	3.24	2.42	2.65	1.51	2.22	3.97	0.08	2.0%
NC_1131	60	4558	8.38	8.29	0.30	8.31	2.56	5.05	5.15	5.14	8.00	8.31	7.80	6.80	5.88	8.31	0.00	0.0%
NC_1132	20	4433	1.10	1.03	0.17	1.03	1.08	1.03	1.03	1.03	0.83	0.66	0.68	0.39	0.56	1.08	0.05	4.5%
NC_1133	20	4399	4.45	4.38	0.41	4.39	3.84	3.88	4.46	4.27	3.70	2.78	3.01	1.72	2.54	4.46	0.07	1.6%
NC_1134	20	4367	2.19	2.11	0.27	2.13	2.05	1.95	2.15	2.08	1.73	1.31	1.40	0.80	1.18	2.15	0.02	0.8%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_1135	20	4371	0.53	0.51	0.09	0.51	0.49	0.51	0.50	0.51	0.41	0.33	0.34	0.19	0.28	0.51	0.00	0.0%
NC_1136	45	4528	1.67	1.69	0.15	1.72	0.63	1.24	1.29	1.28	1.72	1.53	1.55	0.99	1.19	1.72	0.00	-0.1%
NC_1137	25	4466	6.32	6.33	0.39	6.37	4.35	5.48	6.17	6.05	5.98	4.60	4.76	2.86	3.83	6.17	-0.20	-3.2%
NC_1138	20	4371	0.58	0.54	0.10	0.55	0.59	0.55	0.53	0.54	0.42	0.34	0.35	0.19	0.28	0.59	0.04	6.7%
NC_1139	20	4429	1.53	1.44	0.22	1.45	1.53	1.38	1.45	1.43	1.14	0.88	0.92	0.52	0.77	1.53	0.08	5.3%
NC_1140	20	4433	1.11	1.08	0.12	1.08	0.99	1.01	1.10	1.08	0.90	0.68	0.71	0.41	0.60	1.10	0.01	1.4%
NC_1141	45	4528	6.89	6.89	0.52	7.15	2.58	5.23	5.50	5.48	7.15	6.18	6.08	4.10	4.22	7.15	0.00	0.0%
NC_1142	45	4528	6.79	6.79	0.42	7.02	2.52	4.98	5.21	5.19	7.02	6.26	6.05	4.20	4.19	7.02	0.00	0.0%
NC_1143	20	4429	0.96	0.91	0.15	0.92	0.91	0.89	0.92	0.91	0.74	0.58	0.61	0.34	0.51	0.92	0.00	-0.3%
NC_1144	45	4534	7.14	7.12	0.28	7.22	2.55	5.05	5.26	5.25	7.34	6.83	6.44	4.64	4.47	7.34	0.12	1.6%
NC_1145	45	4496	7.38	7.35	0.22	7.39	2.84	5.10	5.31	5.30	7.56	7.21	6.71	4.92	4.65	7.56	0.17	2.3%
NC_1146	20	4371	0.65	0.61	0.11	0.61	0.65	0.61	0.60	0.60	0.47	0.38	0.39	0.22	0.32	0.65	0.04	6.6%
NC_1147	20	4429	0.71	0.69	0.09	0.70	0.68	0.63	0.70	0.68	0.55	0.41	0.45	0.25	0.37	0.70	0.00	-0.3%
NC_1148	60	4558	7.75	7.62	0.57	7.72	3.25	5.16	5.36	5.35	7.87	7.72	7.06	5.33	4.86	7.87	0.15	2.0%
NC_1149	20	4429	0.91	0.85	0.14	0.86	0.88	0.84	0.86	0.85	0.68	0.53	0.56	0.31	0.46	0.88	0.02	2.4%
NC_1150	20	4371	0.59	0.56	0.10	0.56	0.58	0.56	0.55	0.55	0.43	0.35	0.36	0.20	0.29	0.58	0.02	4.1%
NC_1151	20	4399	1.65	1.64	0.14	1.64	1.36	1.45	1.66	1.61	1.39	1.04	1.13	0.65	0.95	1.66	0.02	1.5%
NC_1152	20	4428	1.96	1.94	0.16	1.95	1.58	1.71	1.98	1.91	1.66	1.24	1.35	0.77	1.14	1.98	0.03	1.3%
NC_1153	20	4428	2.00	1.99	0.16	2.00	1.64	1.75	2.02	1.94	1.70	1.27	1.38	0.80	1.17	2.02	0.02	0.8%
NC_1154	20	4429	1.73	1.62	0.27	1.63	1.71	1.59	1.63	1.62	1.28	1.01	1.06	0.59	0.87	1.71	0.08	4.7%
NC_1155	20	4428	3.05	3.04	0.21	3.06	2.45	2.74	3.07	3.00	2.61	1.95	2.06	1.22	1.73	3.07	0.01	0.4%
NC_1156	20	4429	2.97	2.98	0.26	2.98	2.60	2.43	2.98	2.83	2.45	1.80	1.99	1.12	1.67	2.98	0.00	0.1%
NC_1157	25	4394	3.61	3.66	0.26	3.67	2.54	3.22	3.60	3.54	3.34	2.55	2.64	1.59	2.15	3.60	-0.07	-1.9%
NC_1158	25	4466	6.70	6.63	0.32	6.64	4.34	5.78	6.41	6.32	6.50	5.08	5.22	3.15	4.13	6.50	-0.14	-2.1%
NC_1159	25	4458	6.80	6.73	0.31	6.73	4.34	5.87	6.47	6.39	6.66	5.24	5.36	3.24	4.23	6.66	-0.07	-1.0%
NC_1160	30	4498	7.04	6.93	0.58	7.09	4.29	6.02	6.57	6.50	7.03	5.64	5.71	3.47	4.43	7.03	-0.06	-0.9%
NC_1161	45	4531	2.70	2.70	0.29	2.71	1.73	2.30	2.31	2.30	2.70	2.50	2.49	1.66	2.01	2.70	-0.01	-0.5%
NC_1162	20	4433	0.74	0.71	0.11	0.71	0.66	0.71	0.70	0.71	0.59	0.47	0.48	0.28	0.40	0.71	0.00	-0.3%
NC_1163	20	4429	0.89	0.84	0.14	0.84	0.85	0.82	0.84	0.83	0.67	0.52	0.55	0.31	0.46	0.85	0.01	1.2%
NC_1164	45	4528	2.17	2.21	0.18	2.23	0.85	1.50	1.54	1.53	2.23	2.05	2.06	1.34	1.54	2.23	0.00	0.2%
NC_1165	20	4371	0.52	0.49	0.09	0.50	0.48	0.50	0.49	0.49	0.40	0.32	0.33	0.18	0.27	0.50	0.00	-0.8%
NC_1166	10	4364	1.14	1.14	0.11	1.15	1.15	1.02	1.02	1.02	0.78	0.63	0.65	0.36	0.53	1.15	0.00	0.2%
NC_1167	45	4528	3.40	3.43	0.34	3.44	2.16	2.78	3.00	2.96	3.44	3.21	3.21	2.17	2.52	3.44	0.00	-0.1%
NC_1168	45	4496	11.24	11.20	0.50	11.23	5.17	8.69	8.98	8.96	11.64	10.23	9.94	6.50	7.51	11.64	0.41	3.7%
NC_1169	90	4588	2.02	2.06	0.21	2.09	0.61	1.20	1.22	1.22	1.90	2.01	2.18	1.79	1.66	2.18	0.09	4.2%
NC_1170	60	4558	1.25	1.25	0.08	1.25	0.36	0.68	0.69	0.69	1.17	1.25	1.35	1.04	0.97	1.35	0.10	7.8%
NC_1171	20	4433	0.41	0.40	0.05	0.40	0.25	0.39	0.41	0.40	0.38	0.29	0.32	0.19	0.27	0.41	0.01	2.2%
NC_1172	25	4464	0.65	0.65	0.05	0.65	0.32	0.59	0.62	0.61	0.64	0.52	0.56	0.34	0.46	0.64	-0.01	-1.5%
NC_1173	90	4588	2.97	3.03	0.27	3.04	1.19	1.97	2.04	2.03	2.75	2.89	3.16	2.64	2.46	3.16	0.12	3.9%
NC_1174	20	4371	0.80	0.75	0.13	0.75	0.75	0.75	0.75	0.75	0.61	0.49	0.50	0.28	0.41	0.75	0.00	0.4%
NC_1175	20	4371	0.57	0.53	0.10	0.54	0.57	0.54	0.52	0.53	0.41	0.33	0.34	0.19	0.28	0.57	0.03	6.3%
NC_1176	45	4528	1.53	1.53	0.16	1.56	0.63	1.22	1.28	1.27	1.56	1.35	1.37	0.87	1.09	1.56	0.00	-0.1%
NC_1177	45	4496	11.49	11.44	0.41	11.53	5.06	8.66	8.92	8.89	11.84	10.73	10.25	6.94	7.82	11.84	0.31	2.7%
NC_1178	90	4588	3.10	3.16	0.26	3.18	1.09	1.95	2.01	2.00	2.86	3.00	3.32	2.81	2.63	3.32	0.14	4.3%
NC_1179	20	4433	0.39	0.38	0.06	0.39	0.28	0.38	0.39	0.39	0.35	0.27	0.28	0.17	0.24	0.39	0.00	-0.5%
NC_1180	20	4371	0.56	0.52	0.10	0.53	0.55	0.53	0.51	0.52	0.41	0.33	0.34	0.19	0.27	0.55	0.02	3.8%
NC_1181	20	4399	1.38	1.37	0.11	1.38	1.08	1.25	1.39	1.36	1.19	0.89	0.95	0.56	0.80	1.39	0.01	0.6%
NC_1182	25	4461	1.99	2.02	0.13	2.02	1.24	1.77	1.94	1.91	1.88	1.46	1.52	0.93	1.25	1.94	-0.08	-4.1%
NC_1183	45	4528	1.93	1.95	0.19	1.98	0.94	1.52	1.62	1.60	1.98	1.82	1.85	1.25	1.44	1.98	0.00	-0.1%
NC_1184	20	4399	0.69	0.66	0.07	0.67	0.60	0.61	0.68	0.66	0.55	0.41	0.45	0.25	0.38	0.68	0.01	1.9%
NC_1185	45	4528	1.41	1.43	0.11	1.45	0.51	1.00	1.03	1.03	1.45	1.36	1.38	0.92	1.04	1.45	0.00	0.3%
NC_1186	20	4429	0.41	0.40	0.06	0.40	0.32	0.40	0.40	0.40	0.34	0.27	0.28	0.16	0.24	0.40	0.00	-0.5%
NC_1187	90	4588	3.29	3.34	0.28	3.36	1.17	2.12	2.18	2.17	3.08	3.20	3.53	2.97	2.80	3.53	0.17	5.0%
NC_1188	45	4528	2.78	2.84	0.21	2.90	1.09	2.04	2.13	2.11	2.90	2.66	2.73	1.83	2.06	2.90	0.00	-0.1%
NC_1189	20	4371	0.56	0.53	0.09	0.53	0.52	0.53	0.52	0.53	0.42	0.34	0.35	0.20	0.29	0.53	0.00	0.4%
NC_1190	30	4498	7.30	7.20	0.60	7.35	4.32	6.33	6.79	6.73	7.36	5.97	6.04	3.73	4.71	7.36	0.01	0.2%
NC_1191	10	4364	1.18	1.19	0.11	1.19	1.19	1.07	1.07	1.07	0.83	0.66	0.69	0.38	0.56	1.19	0.00	0.3%
NC_1192	20	4399	3.25	3.19	0.30	3.20	2.69	2.90	3.26	3.15	2.78	2.11	2.26	1.31	1.92	3.26	0.06	1.8%
NC_1193	25	4461	4.65	4.60	0.22	4.63	2.95	4.05	4.43	4.39	4.50	3.54	3.66	2.23	2.91	4.50	-0.13	-2.7%
NC_1194	25	4466	20.07	20.18	1.42	20.41	15.14	17.50	20.02	19.57	18.52	14.29	14.87	9.00	12.16	20.02	-0.39	-1.9%
NC_1195	20	4429	1.79	1.72	0.22	1.75	1.73	1.57	1.75	1.69	1.38	1.04	1.12	0.64	0.94	1.75	0.00	-0.2%
NC_1196	20	4429	1.44	1.38	0.19	1.40	1.38	1.29	1.40	1.36	1.11	0.84	0.89	0.51	0.75	1.40	0.00	-0.1%
NC_1197	10	4364	0.69	0.69	0.07	0.70	0.70	0.61	0.60	0.61	0.46	0.37	0.39	0.21	0.31	0.70	0.00	0.0%
NC_1198	10	4364	0.90	0.91	0.09	0.92	0.92	0.80	0.79	0.80	0.61	0.49	0.51	0.28	0.41	0.92	0.00	-0.3%
NC_1199	20	4429	10.72	10.70	0.59	10.77	8.64	9.66	10.77	10.52	9.71	7.55	7.79	4.80	6.54	10.77	0.00	0.0%
NC_1200	10	4364	0.91	0.92	0.09	0.92	0.92	0.81	0.80	0.81	0.62	0.50	0.52	0.28	0.41	0.92	0.00	0.2%
NC_1201	20	4429	8.87	8.84	0.47	8.89	7.15	8.05	8.89	8.72	8.10	6.32	6.51	4.04	5.45	8.89	0.00	0.0%
NC_1202	10	4364	1.10	1.11	0.10	1.12	1.12	0.97	0.98	0.98	0.76	0.60	0.63	0.35	0.51	1.12	0.00	-0.2%
NC_1203	20	4433	1.80	1.73	0.20	1.73	1.66	1.65	1.76	1.73	1.46	1.12	1.16	0.68	0.99	1.76	0.03	1.9%
NC_1204	20	4429	1.92	1.86	0.22	1.89	1.86	1.67	1.89	1.82	1.49	1.11	1.20	0.69	1.01	1.89	0.00	-0.2%
NC_1205	10	4364	1.37	1.38	0.10	1.39	1.39	1.21	1.28	1.26	0.98	0.76	0.80	0.45	0.67	1.39	0.00	-0.2%
NC_1206	10	4357	0.57	0.57	0.06	0.58	0.58	0.51	0.49	0.50	0.38	0.31	0.32	0.17	0.25	0.58	0.00	0.0%
NC_1207	10	4364	1.18	1.19	0.10	1.20	1.20	1.02	1.07	1.05	0.81	0.63	0.67	0.38	0.55	1.20	0.00	-0.3%
NC_1208	20	4371	0.81	0.75	0.14	0.75	0.82	0.75	0.75	0.75	0.58	0.47	0.48	0.27	0.39	0.82	0.07	9.7%
NC_1209	20	4429	1.51	1.44	0.21	1.45	1.47	1.36	1.45	1.42	1.16	0.89	0.94	0.54	0.79	1.47	0.02	1.1%
NC_1210	20	4433	1.10	1.07	0.12	1.08	0.91	1.04	1.09	1.08	0.97	0.75	0.80	0.48	0.67	1.09	0.01	0.6%
NC_1211	20	4429	2.78	2.67	0.34	2.71	2.69	2.43	2.71	2.62	2.15	1.63	1.74	1.00	1.47	2.71	0.00	0.0%
NC_1212	10	4364	1.61	1.62	0.10	1.63	1.63	1.37	1.52	1.47	1.16	0.87	0.94	0.54	0.79	1.63	0.00	-0.1%
NC_1213	20	4371	0.53	0.50	0.09	0.51	0.48	0.51	0.50	0.50	0.41	0.33	0.34	0.19	0.28	0.51	0.00	-0.6%
NC_1214	20	4371	0.52	0.48	0.09	0.49	0.52	0.49	0.48	0.48	0.37	0.30	0.31	0.17	0.25	0.52	0.03	6.3%
NC_1215	20	4429	12.54	12.56	0.69	12.65	9.89	11.21	12.65	12.35	11.34	8.80	9.09	5.59	7.64	12.65	0.00	0.0%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_1216	20	4429	3.75	3.73	0.30	3.77	3.13	3.20	3.77	3.61	3.24	2.45	2.66	1.55	2.21	3.77	0.00	-0.1%
NC_1217	10	4364	0.57	0.58	0.06	0.58	0.58	0.53	0.51	0.52	0.40	0.32	0.34	0.18	0.27	0.58	0.00	0.0%
NC_1218	20	4433	1.19	1.14	0.14	1.15	1.07	1.11	1.16	1.15	0.97	0.75	0.76	0.45	0.65	1.16	0.01	1.1%
NC_1219	25	4466	3.71	3.70	0.23	3.73	2.53	3.17	3.59	3.52	3.52	2.74	2.87	1.73	2.30	3.59	-0.14	-3.7%
NC_1220	20	4429	2.56	2.43	0.32	2.45	2.56	2.27	2.45	2.41	1.92	1.46	1.53	0.89	1.30	2.56	0.11	4.6%
NC_1221	10	4357	0.63	0.63	0.07	0.64	0.64	0.57	0.56	0.56	0.43	0.35	0.36	0.20	0.29	0.64	0.00	-0.3%
NC_1222	20	4429	2.22	2.18	0.24	2.21	2.10	1.88	2.21	2.11	1.74	1.29	1.41	0.80	1.20	2.21	0.00	-0.2%
NC_1223	10	4364	1.14	1.15	0.10	1.16	1.16	0.98	1.02	1.01	0.78	0.61	0.64	0.36	0.53	1.16	0.00	-0.3%
NC_1224	20	4429	0.78	0.74	0.12	0.74	0.72	0.74	0.74	0.74	0.61	0.48	0.50	0.28	0.42	0.74	0.00	0.0%
NC_1225	20	4399	2.08	2.04	0.19	2.06	1.70	1.87	2.09	2.03	1.78	1.35	1.44	0.84	1.23	2.09	0.02	1.2%
NC_1226	20	4399	1.70	1.69	0.13	1.69	1.26	1.60	1.71	1.69	1.55	1.19	1.26	0.78	1.06	1.71	0.02	1.0%
NC_1227	25	4466	22.38	22.22	1.28	22.29	15.75	19.47	21.87	21.51	21.17	16.50	17.01	10.34	13.78	21.87	-0.42	-1.9%
NC_1228	25	4458	25.05	24.82	1.22	24.95	16.98	21.72	24.11	23.83	24.03	18.87	19.33	11.76	15.41	24.11	-0.84	-3.4%
NC_1229	20	4429	3.43	3.43	0.25	3.47	2.90	2.92	3.47	3.35	2.84	2.08	2.26	1.29	1.89	3.47	0.00	0.0%
NC_1230	10	4364	1.32	1.33	0.10	1.34	1.34	1.15	1.21	1.19	0.93	0.72	0.76	0.43	0.63	1.34	-0.01	-0.4%
NC_1231	20	4429	2.07	1.98	0.25	2.02	2.06	1.80	2.02	1.95	1.57	1.17	1.26	0.73	1.07	2.06	0.04	2.1%
NC_1232	20	4433	0.77	0.75	0.11	0.76	0.56	0.75	0.76	0.76	0.69	0.55	0.58	0.36	0.49	0.76	0.00	-0.3%
NC_1233	20	4404	3.58	3.57	0.26	3.57	2.59	3.22	3.62	3.50	3.40	2.65	2.87	1.74	2.42	3.62	0.05	1.3%
NC_1234	20	4399	2.89	2.86	0.23	2.88	1.96	2.64	2.93	2.84	2.78	2.16	2.36	1.41	1.99	2.93	0.05	1.8%
NC_1235	45	4528	2.18	2.19	0.22	2.21	1.25	1.78	1.89	1.87	2.21	2.00	2.01	1.33	1.58	2.21	0.00	0.1%
NC_1236	20	4371	0.51	0.48	0.08	0.48	0.46	0.48	0.48	0.48	0.39	0.31	0.32	0.18	0.27	0.48	0.00	0.6%
NC_1237	45	4528	2.91	2.93	0.26	2.93	1.84	2.53	2.59	2.59	2.93	2.76	2.75	1.88	2.11	2.93	0.00	-0.1%
NC_1238	20	4433	0.83	0.80	0.10	0.80	0.73	0.76	0.82	0.80	0.68	0.52	0.55	0.32	0.47	0.82	0.02	2.6%
NC_1239	45	4528	3.58	3.55	0.35	3.57	2.60	3.32	3.47	3.44	3.57	3.27	3.25	2.24	2.67	3.57	0.00	-0.1%
NC_1240	30	4500	3.96	3.90	0.33	3.92	2.97	3.66	3.89	3.83	3.93	3.56	3.54	2.45	2.93	3.93	0.01	0.3%
NC_1241	20	4429	0.93	0.88	0.15	0.88	0.92	0.85	0.88	0.87	0.69	0.54	0.57	0.32	0.47	0.92	0.04	4.1%
NC_1242	20	4429	1.22	1.16	0.17	1.17	1.18	1.07	1.17	1.14	0.92	0.70	0.75	0.43	0.63	1.18	0.01	0.4%
NC_1243	20	4429	1.05	0.98	0.16	0.99	1.04	0.95	0.99	0.98	0.77	0.60	0.63	0.36	0.52	1.04	0.05	5.1%
NC_1244	20	4429	2.32	2.20	0.32	2.24	2.25	2.03	2.24	2.17	1.75	1.34	1.44	0.81	1.20	2.25	0.01	0.3%
NC_1245	20	4429	0.95	0.89	0.15	0.89	0.94	0.87	0.89	0.88	0.70	0.55	0.58	0.32	0.47	0.94	0.05	5.8%
NC_1246	10	4364	0.68	0.69	0.07	0.69	0.69	0.62	0.61	0.62	0.47	0.38	0.40	0.22	0.32	0.69	0.00	0.1%
NC_1247	10	4364	1.02	1.02	0.09	1.03	1.03	0.89	0.92	0.91	0.70	0.55	0.58	0.32	0.48	1.03	0.00	0.1%
NC_1248	20	4429	1.48	1.40	0.21	1.42	1.46	1.33	1.42	1.39	1.12	0.86	0.90	0.52	0.76	1.46	0.04	2.8%
NC_1249	25	4464	0.70	0.69	0.06	0.70	0.38	0.64	0.68	0.67	0.68	0.55	0.59	0.36	0.49	0.68	-0.02	-3.0%
NC_1250	20	4399	3.53	3.53	0.27	3.53	2.56	3.19	3.56	3.46	3.32	2.59	2.81	1.70	2.34	3.56	0.03	0.7%
NC_1251	20	4433	0.39	0.38	0.06	0.38	0.29	0.38	0.38	0.38	0.33	0.26	0.27	0.16	0.23	0.38	0.00	0.3%
NC_1252	20	4399	1.72	1.70	0.16	1.71	1.22	1.55	1.74	1.68	1.58	1.21	1.32	0.78	1.13	1.74	0.03	1.9%
NC_1253	20	4433	1.14	1.12	0.11	1.12	0.70	1.07	1.15	1.12	1.07	0.83	0.90	0.54	0.75	1.15	0.03	2.9%
NC_1254	20	4433	0.40	0.39	0.05	0.39	0.27	0.39	0.40	0.39	0.36	0.28	0.30	0.17	0.25	0.40	0.01	1.8%
NC_1255	25	4461	2.44	2.49	0.24	2.53	1.49	2.16	2.44	2.35	2.35	1.83	1.99	1.18	1.64	2.44	-0.09	-3.8%
NC_1256	30	4498	3.16	3.12	0.31	3.15	1.57	2.68	2.85	2.83	3.18	2.58	2.71	1.67	2.20	3.18	0.02	0.8%
NC_1257	30	4498	3.25	3.22	0.31	3.26	1.62	2.74	2.95	2.91	3.31	2.71	2.83	1.75	2.27	3.31	0.05	1.5%
NC_1258	20	4433	0.45	0.43	0.07	0.43	0.38	0.43	0.43	0.43	0.36	0.29	0.29	0.17	0.25	0.43	0.00	0.5%
NC_1259	30	4498	8.55	8.40	0.90	8.49	4.80	7.38	8.00	7.87	8.66	6.96	7.37	4.51	5.98	8.66	0.17	2.0%
NC_1260	20	4371	0.62	0.60	0.09	0.60	0.50	0.60	0.60	0.60	0.52	0.42	0.43	0.25	0.36	0.60	0.00	0.3%
NC_1261	120	4499	163.96	163.02	13.01	165.45	49.26	88.97	89.49	89.49	135.47	147.91	165.45	170.35	146.38	170.35	4.90	3.0%
NC_1262	25	4460	0.64	0.65	0.05	0.65	0.31	0.57	0.62	0.60	0.64	0.51	0.55	0.34	0.46	0.64	-0.01	-1.7%
NC_1263	20	4433	1.62	1.53	0.21	1.54	1.60	1.52	1.53	1.54	1.35	1.10	1.18	0.76	1.00	1.60	0.06	3.8%
NC_1264	25	4460	1.43	1.45	0.14	1.46	0.81	1.27	1.41	1.37	1.38	1.07	1.17	0.70	0.98	1.41	-0.05	-3.2%
NC_1265	25	4462	1.98	2.01	0.21	2.04	1.25	1.77	2.00	1.93	1.89	1.46	1.60	0.95	1.33	2.00	-0.04	-1.9%
NC_1266	25	4461	3.66	3.74	0.31	3.76	2.11	3.17	3.55	3.44	3.61	2.83	3.06	1.83	2.50	3.61	-0.15	-4.1%
NC_1267	20	4433	0.45	0.43	0.07	0.43	0.37	0.43	0.43	0.43	0.37	0.29	0.30	0.17	0.25	0.43	0.00	0.9%
NC_1268	20	4371	0.48	0.46	0.08	0.46	0.44	0.46	0.45	0.45	0.37	0.29	0.30	0.17	0.25	0.46	0.00	0.0%
NC_1269	30	4498	3.84	3.72	0.47	3.77	2.16	3.27	3.65	3.55	3.85	3.04	3.27	1.97	2.64	3.85	0.08	2.2%
NC_1270	20	4433	1.07	1.01	0.15	1.02	0.91	0.99	1.04	1.02	0.87	0.67	0.70	0.40	0.59	1.04	0.02	2.4%
NC_1271	30	4498	3.81	3.78	0.34	3.82	2.05	3.30	3.48	3.46	3.86	3.17	3.29	2.05	2.65	3.86	0.04	1.0%
NC_1272	20	4433	0.18	0.17	0.03	0.17	0.13	0.17	0.17	0.17	0.15	0.11	0.12	0.07	0.10	0.17	0.00	1.8%
NC_1273	60	4558	6.23	6.19	0.50	6.19	2.21	4.21	4.32	4.30	6.22	6.19	6.64	5.22	5.25	6.64	0.45	7.3%
NC_1274	20	4428	1.88	1.86	0.15	1.87	1.55	1.64	1.90	1.83	1.58	1.17	1.27	0.73	1.07	1.90	0.03	1.4%
NC_1275	25	4458	3.22	3.20	0.13	3.21	2.03	2.78	3.05	3.02	3.14	2.46	2.52	1.51	1.97	3.14	-0.07	-2.1%
NC_1276	20	4429	1.13	1.06	0.17	1.07	1.12	1.02	1.07	1.05	0.83	0.65	0.68	0.38	0.56	1.12	0.05	4.6%
NC_1277	20	4399	1.23	1.21	0.13	1.21	0.86	1.12	1.25	1.21	1.12	0.86	0.93	0.55	0.78	1.25	0.04	3.1%
NC_1278	15	4401	8.27	8.09	0.74	8.14	8.17	6.77	7.86	7.38	5.96	4.41	4.85	2.75	4.05	8.17	0.03	0.3%
NC_1279	15	4401	12.24	12.26	0.59	12.34	10.98	9.75	12.07	11.56	9.56	6.91	7.62	4.29	6.37	12.07	-0.27	-2.2%
NC_1280	10	4364	1.85	1.86	0.14	1.87	1.87	1.51	1.61	1.58	1.21	0.93	0.99	0.56	0.81	1.87	0.00	0.0%
NC_1281	10	4364	0.78	0.78	0.08	0.78	0.78	0.67	0.66	0.66	0.50	0.40	0.42	0.23	0.34	0.78	0.00	0.5%
NC_1282	10	4357	0.55	0.55	0.06	0.56	0.56	0.51	0.49	0.50	0.38	0.31	0.32	0.17	0.25	0.56	0.00	-0.2%
NC_1283	15	4401	7.93	7.71	0.79	7.73	7.89	6.48	7.49	7.13	5.67	4.21	4.60	2.62	3.85	7.89	0.16	2.1%
NC_1284	10	4364	1.28	1.29	0.11	1.29	1.29	1.06	1.10	1.09	0.83	0.64	0.68	0.38	0.56	1.29	0.00	0.3%
NC_1285	10	4357	0.67	0.67	0.07	0.68	0.68	0.61	0.60	0.61	0.46	0.38	0.39	0.21	0.31	0.68	0.00	-0.3%
NC_1286	10	4357	0.55	0.56	0.06	0.56	0.56	0.51	0.49	0.50	0.38	0.31	0.32	0.17	0.25	0.56	0.00	0.5%
NC_1287	20	4371	0.52	0.48	0.09	0.49	0.52	0.49	0.47	0.48	0.37	0.30	0.31	0.17	0.25	0.52	0.03	6.5%
NC_1288	10	4364	1.66	1.67	0.13	1.68	1.68	1.44	1.51	1.49	1.16	0.90	0.94	0.54	0.78	1.68	0.00	-0.1%
NC_1289	20	4371	0.51	0.47	0.09	0.48	0.52	0.48	0.46	0.47	0.36	0.29	0.30	0.16	0.24	0.52	0.04	8.1%
NC_1290	20	4429	1.00	0.94	0.15	0.95	0.98	0.91	0.95	0.93	0.74	0.58	0.60	0.34	0.50	0.98	0.03	3.4%
NC_1291	20	4371	0.61	0.56	0.11	0.57	0.60	0.57	0.56	0.56	0.44	0.35	0.37	0.20	0.30	0.60	0.03	5.6%
NC_1292	20	4429	0.70	0.66	0.11	0.66	0.65	0.66	0.66	0.66	0.53	0.42	0.44	0.25	0.36	0.66	0.00	-0.2%
NC_1293	20	4429	1.10	1.05	0.16	1.06	1.02	1.01	1.06	1.04	0.86	0.66	0.69	0.40	0.58	1.06	0.00	-0.4%
NC_1294	20	4399	1.60	1.55	0.17	1.55	1.42	1.44	1.59	1.55	1.32	0.99	1.07	0.62	0.91	1.59	0.04	2.5%
NC_1295	20	4371	0.49	0.46	0.09	0.47	0.48	0.47	0.45	0.46	0.36	0.29	0.30	0.17	0.24	0.48	0.01	2.3%
NC_1296	20	4367	3.98	3.87	0.45	3.91	3.62	3.40	3.95	3.75	3.17	2.38	2.59	1.47	2.19	3.95	0.04	1.0%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_1297	25	4466	5.53	5.57	0.34	5.61	3.61	4.78	5.35	5.26	5.31	4.12	4.31	2.59	3.48	5.35	-0.26	-4.6%
NC_1298	10	4364	0.57	0.57	0.06	0.57	0.58	0.52	0.50	0.51	0.39	0.31	0.33	0.18	0.26	0.58	0.01	0.9%
NC_1299	20	4371	0.53	0.49	0.10	0.50	0.53	0.50	0.49	0.49	0.38	0.31	0.32	0.17	0.26	0.53	0.03	6.2%
NC_1300	20	4371	0.58	0.54	0.10	0.54	0.57	0.54	0.53	0.53	0.41	0.33	0.35	0.19	0.28	0.57	0.03	6.3%
NC_1301	60	4558	30.15	29.60	2.47	29.74	9.64	17.91	18.42	18.39	30.25	29.74	31.22	21.27	24.41	31.22	1.48	5.0%
NC_1302	10	4364	0.58	0.58	0.06	0.59	0.59	0.53	0.52	0.52	0.40	0.32	0.34	0.18	0.27	0.59	0.00	-0.5%
NC_1303	20	4399	0.82	0.79	0.09	0.80	0.72	0.73	0.81	0.79	0.67	0.50	0.53	0.30	0.45	0.81	0.01	1.7%
NC_1304	25	4394	5.02	5.11	0.37	5.15	3.47	4.42	4.98	4.87	4.73	3.63	3.82	2.28	3.10	4.98	-0.17	-3.3%
NC_1305	20	4371	0.57	0.53	0.10	0.53	0.58	0.53	0.52	0.52	0.40	0.32	0.34	0.18	0.27	0.58	0.04	8.5%
NC_1306	20	4429	1.01	0.94	0.16	0.94	1.02	0.91	0.94	0.93	0.73	0.57	0.60	0.34	0.49	1.02	0.08	8.4%
NC_1307	20	4429	1.56	1.49	0.21	1.51	1.53	1.38	1.51	1.47	1.19	0.90	0.96	0.55	0.81	1.53	0.02	1.2%
NC_1308	10	4357	0.53	0.54	0.06	0.54	0.54	0.49	0.48	0.48	0.37	0.30	0.31	0.17	0.25	0.54	0.00	0.0%
NC_1309	10	4357	0.93	0.94	0.08	0.95	0.95	0.83	0.86	0.85	0.66	0.51	0.54	0.30	0.44	0.95	0.00	-0.4%
NC_1310	20	4399	5.30	5.21	0.53	5.21	4.76	4.43	5.31	4.99	4.29	3.20	3.53	1.98	2.97	5.31	0.10	1.8%
NC_1311	20	4367	4.01	3.91	0.44	3.94	3.66	3.44	3.98	3.76	3.21	2.42	2.64	1.49	2.23	3.98	0.04	1.1%
NC_1312	20	4429	1.08	1.04	0.13	1.05	1.02	0.99	1.05	1.04	0.84	0.65	0.66	0.38	0.56	1.05	0.00	-0.4%
NC_1313	20	4429	1.31	1.23	0.19	1.24	1.30	1.18	1.24	1.23	0.98	0.76	0.79	0.45	0.66	1.30	0.06	4.7%
NC_1314	10	4357	0.54	0.55	0.06	0.55	0.55	0.50	0.49	0.49	0.38	0.31	0.32	0.17	0.25	0.55	0.00	0.4%
NC_1315	20	4371	0.57	0.53	0.10	0.53	0.57	0.53	0.52	0.53	0.41	0.33	0.34	0.19	0.28	0.57	0.04	7.4%
NC_1316	20	4371	0.58	0.54	0.10	0.55	0.57	0.55	0.54	0.54	0.42	0.34	0.35	0.19	0.28	0.57	0.02	4.4%
NC_1317	20	4429	2.18	2.10	0.28	2.13	2.04	1.93	2.13	2.06	1.71	1.30	1.39	0.79	1.17	2.13	0.00	0.0%
NC_1318	20	4371	0.64	0.59	0.11	0.59	0.65	0.59	0.58	0.59	0.45	0.37	0.38	0.21	0.30	0.65	0.06	9.3%
NC_1319	60	4555	6.80	6.67	0.35	6.71	3.27	4.41	4.45	4.45	6.59	6.55	5.32	5.11	4.46	6.59	-0.12	-1.8%
NC_1320	10	4364	1.14	1.14	0.09	1.15	1.15	1.02	1.06	1.05	0.82	0.64	0.67	0.38	0.56	1.15	0.00	0.0%
NC_1321	30	4498	5.39	5.33	0.37	5.43	3.59	4.73	5.05	5.02	5.47	4.55	4.53	2.90	3.64	5.47	0.04	0.6%
NC_1322	30	4498	5.38	5.32	0.35	5.42	3.52	4.70	5.01	4.98	5.49	4.61	4.57	2.95	3.65	5.49	0.07	1.3%
NC_1323	20	4371	0.34	0.32	0.06	0.33	0.31	0.33	0.32	0.32	0.25	0.20	0.21	0.12	0.17	0.33	-0.01	-1.5%
NC_1324	45	4534	18.39	18.41	0.93	18.76	9.65	14.80	15.53	15.46	19.01	17.17	16.93	11.99	13.49	19.01	0.25	1.3%
NC_1325	25	4460	5.50	5.54	0.37	5.58	3.77	4.99	5.36	5.26	5.46	4.52	4.62	2.97	3.76	5.46	-0.12	-2.1%
NC_1326	20	4433	0.38	0.36	0.06	0.37	0.34	0.37	0.36	0.37	0.30	0.24	0.24	0.14	0.20	0.37	0.00	-0.3%
NC_1327	45	4528	5.59	5.62	0.40	5.75	2.93	4.53	4.78	4.75	5.75	5.05	5.04	3.28	3.85	5.75	0.00	0.0%
NC_1328	20	4399	0.83	0.79	0.09	0.79	0.77	0.73	0.81	0.79	0.65	0.48	0.52	0.30	0.44	0.81	0.02	2.9%
NC_1329	20	4371	0.60	0.56	0.10	0.57	0.56	0.57	0.56	0.56	0.45	0.36	0.37	0.21	0.31	0.57	0.00	-0.7%
NC_1330	25	4394	2.46	2.46	0.15	2.47	1.47	2.21	2.37	2.34	2.41	1.99	2.04	1.30	1.68	2.41	-0.06	-2.6%
NC_1331	20	4399	0.75	0.74	0.06	0.74	0.52	0.69	0.75	0.74	0.69	0.53	0.57	0.34	0.48	0.75	0.01	1.8%
NC_1332	20	4433	0.59	0.57	0.09	0.57	0.50	0.57	0.57	0.57	0.48	0.39	0.39	0.23	0.33	0.57	0.00	0.0%
NC_1333	45	4528	4.17	4.16	0.37	4.23	2.52	3.57	3.75	3.74	4.23	3.74	3.75	2.45	2.91	4.23	0.00	-0.1%
NC_1334	45	4528	3.00	2.98	0.29	3.06	1.58	2.51	2.68	2.65	3.06	2.61	2.66	1.70	2.11	3.06	0.00	0.0%
NC_1335	20	4404	4.51	4.49	0.36	4.51	3.68	4.09	4.55	4.43	4.17	3.24	3.50	2.11	2.92	4.55	0.04	0.9%
NC_1336	20	4428	3.24	3.21	0.26	3.23	2.81	2.83	3.26	3.12	2.88	2.23	2.42	1.45	2.07	3.26	0.03	1.1%
NC_1337	20	4428	7.22	7.20	0.48	7.28	5.63	6.45	7.30	7.10	6.65	5.10	5.50	3.28	4.61	7.30	0.01	0.2%
NC_1338	20	4367	1.52	1.45	0.21	1.45	1.40	1.40	1.47	1.44	1.19	0.92	0.97	0.55	0.82	1.47	0.02	1.3%
NC_1339	25	4464	0.78	0.77	0.07	0.78	0.46	0.73	0.76	0.75	0.76	0.63	0.66	0.41	0.55	0.76	-0.02	-2.6%
NC_1340	20	4371	0.50	0.47	0.09	0.48	0.48	0.48	0.47	0.47	0.37	0.30	0.31	0.17	0.25	0.48	0.00	-0.6%
NC_1341	20	4433	1.20	1.15	0.14	1.17	1.01	1.14	1.17	1.17	1.05	0.83	0.87	0.54	0.74	1.17	0.00	0.0%
NC_1342	20	4433	0.61	0.60	0.06	0.60	0.44	0.58	0.61	0.60	0.57	0.44	0.48	0.29	0.40	0.61	0.01	1.3%
NC_1343	20	4433	2.31	2.25	0.23	2.25	1.96	2.14	2.30	2.25	2.05	1.59	1.72	1.04	1.44	2.30	0.05	2.1%
NC_1344	20	4371	0.74	0.71	0.11	0.71	0.62	0.71	0.71	0.71	0.61	0.49	0.50	0.30	0.42	0.71	0.00	0.0%
NC_1345	20	4371	0.40	0.39	0.06	0.39	0.31	0.39	0.39	0.39	0.33	0.26	0.27	0.16	0.23	0.39	-0.01	-1.3%
NC_1346	20	4433	0.47	0.45	0.08	0.45	0.41	0.46	0.45	0.45	0.37	0.30	0.30	0.17	0.25	0.46	0.01	1.1%
NC_1347	20	4433	2.51	2.40	0.32	2.42	2.06	2.32	2.48	2.42	2.10	1.62	1.72	1.00	1.45	2.48	0.06	2.3%
NC_1348	20	4371	0.50	0.47	0.09	0.47	0.50	0.47	0.46	0.46	0.36	0.29	0.30	0.16	0.24	0.50	0.03	5.7%
NC_1349	20	4429	1.54	1.47	0.21	1.48	1.46	1.40	1.48	1.46	1.19	0.92	0.96	0.55	0.81	1.48	0.00	0.1%
NC_1350	20	4399	8.07	7.99	0.73	8.01	6.76	6.88	8.10	7.71	6.93	5.22	5.75	3.28	4.81	8.10	0.09	1.1%
NC_1351	20	4429	1.06	1.01	0.16	1.01	1.03	0.97	1.01	1.00	0.80	0.62	0.65	0.37	0.55	1.03	0.02	1.7%
NC_1352	20	4371	0.63	0.59	0.11	0.59	0.62	0.59	0.58	0.58	0.45	0.37	0.38	0.21	0.31	0.62	0.03	5.4%
NC_1353	20	4371	0.54	0.50	0.09	0.51	0.52	0.51	0.49	0.50	0.39	0.32	0.33	0.18	0.26	0.52	0.01	2.4%
NC_1354	20	4429	1.56	1.49	0.20	1.51	1.47	1.42	1.51	1.48	1.22	0.94	0.98	0.57	0.83	1.51	0.00	-0.2%
NC_1355	20	4429	1.02	0.96	0.16	0.97	0.99	0.94	0.97	0.96	0.77	0.60	0.62	0.35	0.52	0.99	0.02	2.4%
NC_1356	20	4399	8.41	8.33	0.71	8.40	6.89	7.12	8.48	8.04	7.37	5.56	6.11	3.50	5.09	8.48	0.08	0.9%
NC_1357	10	4357	0.35	0.35	0.04	0.36	0.36	0.32	0.31	0.31	0.24	0.19	0.20	0.11	0.16	0.36	0.00	-1.1%
NC_1358	20	4399	2.14	2.08	0.21	2.09	1.92	1.87	2.14	2.06	1.74	1.29	1.42	0.81	1.19	2.14	0.05	2.6%
NC_1359	20	4371	0.58	0.54	0.10	0.54	0.58	0.54	0.53	0.54	0.42	0.34	0.35	0.19	0.28	0.58	0.04	7.4%
NC_1360	20	4429	1.05	0.99	0.16	0.99	1.02	0.96	0.99	0.98	0.78	0.61	0.64	0.36	0.53	1.02	0.03	3.2%
NC_1361	90	4588	3.35	3.31	0.40	3.34	1.31	2.34	2.37	2.37	3.22	3.29	3.48	3.07	2.99	3.48	0.14	4.2%
NC_1362	20	4367	2.50	2.41	0.27	2.42	2.27	2.16	2.49	2.38	2.02	1.52	1.65	0.94	1.38	2.49	0.07	2.8%
NC_1363	20	4367	2.09	2.00	0.27	2.03	1.96	1.87	2.03	1.98	1.64	1.24	1.33	0.76	1.12	2.03	0.00	0.0%
NC_1364	20	4429	0.88	0.82	0.14	0.82	0.87	0.80	0.82	0.81	0.64	0.50	0.52	0.30	0.43	0.87	0.05	6.2%
NC_1365	20	4404	5.54	5.46	0.53	5.46	4.90	4.68	5.56	5.26	4.55	3.40	3.74	2.11	3.15	5.56	0.10	1.9%
NC_1366	20	4367	3.41	3.30	0.37	3.30	3.09	2.94	3.38	3.23	2.73	2.05	2.23	1.27	1.89	3.38	0.08	2.5%
NC_1367	20	4367	1.63	1.57	0.20	1.59	1.55	1.44	1.60	1.55	1.27	0.95	1.03	0.59	0.87	1.60	0.01	0.5%
NC_1368	30	4500	2.48	2.46	0.19	2.49	1.90	2.34	2.43	2.41	2.43	2.15	2.14	1.42	1.82	2.43	-0.06	-2.2%
NC_1369	20	4371	0.52	0.48	0.09	0.48	0.52	0.48	0.47	0.47	0.36	0.29	0.31	0.17	0.24	0.52	0.04	8.5%
NC_1370	20	4429	1.18	1.12	0.17	1.13	1.12	1.08	1.13	1.11	0.91	0.70	0.73	0.42	0.62	1.13	0.00	0.1%
NC_1371	90	4395	24.76	25.00	1.68	25.12	6.10	10.89	10.96	10.96	20.16	22.60	26.11	23.42	20.66	26.11	0.99	3.9%
NC_1372	20	4429	1.24	1.18	0.17	1.20	1.17	1.12	1.20	1.17	0.96	0.74	0.78	0.45	0.66	1.20	0.00	-0.3%
NC_1373	90	4395	20.21	20.58	1.81	20.78	3.83	9.12	9.19	9.18	17.06	19.03	21.56	18.28	16.82	21.56	0.78	3.8%
NC_1374	20	4371	0.35	0.32	0.07	0.33	0.35	0.33	0.31	0.32	0.24	0.20	0.20	0.11	0.16	0.35	0.02	6.7%
NC_1375	20	4429	0.72	0.68	0.12	0.68	0.68	0.68	0.68	0.68	0.55	0.43	0.45	0.25	0.38	0.68	0.00	0.4%
NC_1376	20	4429	1.40	1.34	0.19	1.35	1.35	1.27	1.35	1.32	1.08	0.83	0.88	0.50	0.74	1.35	0.00	-0.1%
NC_1377	20	4433	0.57	0.56	0.09	0.56	0.43	0.56	0.56	0.56	0.50	0.40	0.41	0.25	0.35	0.56	0.00	0.7%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_1378	20	4433	0.47	0.45	0.08	0.45	0.40	0.45	0.45	0.45	0.37	0.30	0.30	0.17	0.26	0.45	0.00	0.4%
NC_1379	20	4399	2.13	2.12	0.15	2.13	1.67	1.96	2.14	2.09	2.05	1.64	1.75	1.09	1.45	2.14	0.01	0.6%
NC_1380	20	4367	2.48	2.40	0.27	2.42	2.30	2.16	2.45	2.36	2.01	1.53	1.65	0.96	1.39	2.45	0.03	1.2%
NC_1381	20	4433	0.52	0.50	0.08	0.50	0.44	0.50	0.50	0.50	0.42	0.33	0.34	0.20	0.29	0.50	0.00	0.0%
NC_1382	20	4371	0.75	0.70	0.13	0.70	0.74	0.70	0.69	0.70	0.55	0.44	0.45	0.25	0.37	0.74	0.04	5.0%
NC_1383	20	4399	1.45	1.42	0.14	1.43	1.23	1.31	1.45	1.42	1.23	0.92	1.00	0.58	0.84	1.45	0.02	1.6%
NC_1384	20	4429	1.04	0.98	0.16	0.99	0.99	0.95	0.99	0.98	0.79	0.61	0.64	0.36	0.54	0.99	0.00	0.3%
NC_1385	10	4357	0.61	0.62	0.06	0.62	0.62	0.55	0.53	0.54	0.41	0.33	0.34	0.19	0.27	0.62	0.00	0.3%
NC_1386	60	4558	15.58	15.53	1.09	15.55	5.86	10.19	10.46	10.45	15.25	15.55	16.01	12.49	12.31	16.01	0.46	3.0%
NC_1387	20	4399	1.55	1.53	0.13	1.53	1.30	1.44	1.55	1.53	1.37	1.06	1.13	0.70	0.95	1.55	0.02	1.1%
NC_1388	45	4528	1.87	1.86	0.17	1.90	1.09	1.61	1.70	1.69	1.90	1.65	1.65	1.07	1.30	1.90	0.00	0.2%
NC_1389	20	4371	0.50	0.47	0.09	0.48	0.47	0.48	0.47	0.47	0.38	0.30	0.31	0.17	0.25	0.48	0.00	-0.6%
NC_1390	20	4429	1.91	1.82	0.26	1.84	1.84	1.72	1.84	1.80	1.46	1.12	1.18	0.68	0.99	1.84	0.00	-0.1%
NC_1391	20	4371	0.60	0.56	0.10	0.56	0.59	0.56	0.55	0.56	0.44	0.35	0.36	0.20	0.30	0.59	0.03	5.0%
NC_1392	20	4429	0.90	0.84	0.14	0.85	0.88	0.82	0.85	0.84	0.67	0.52	0.55	0.31	0.45	0.88	0.03	3.6%
NC_1393	60	4558	21.92	21.81	1.62	21.84	9.35	15.38	15.90	15.89	21.82	21.84	22.44	17.49	17.26	22.44	0.60	2.7%
NC_1394	45	4528	5.84	5.83	0.36	6.02	3.41	4.89	5.27	5.22	6.02	5.49	5.59	4.09	4.35	6.02	0.00	0.0%
NC_1395	45	4528	5.83	5.81	0.43	5.97	3.61	5.00	5.44	5.38	5.97	5.44	5.53	4.00	4.33	5.97	0.00	-0.1%
NC_1396	25	4460	1.31	1.31	0.12	1.32	0.89	1.20	1.32	1.29	1.24	0.97	1.05	0.64	0.87	1.32	-0.01	-0.4%
NC_1397	20	4371	0.65	0.60	0.11	0.60	0.66	0.60	0.59	0.60	0.46	0.37	0.39	0.21	0.31	0.66	0.06	9.3%
NC_1398	20	4404	1.58	1.57	0.12	1.57	1.35	1.39	1.59	1.54	1.31	0.96	1.04	0.60	0.87	1.59	0.02	1.0%
NC_1399	20	4371	0.57	0.53	0.10	0.53	0.57	0.53	0.52	0.52	0.40	0.33	0.34	0.19	0.27	0.57	0.04	8.1%
NC_1400	20	4371	0.54	0.51	0.10	0.51	0.53	0.51	0.50	0.51	0.40	0.32	0.33	0.18	0.27	0.53	0.02	3.5%
NC_1401	10	4357	0.81	0.81	0.04	0.82	0.82	0.68	0.76	0.74	0.58	0.44	0.47	0.27	0.39	0.82	0.00	-0.5%
NC_1402	10	4361	0.04	0.04	0.00	0.04	0.04	0.04	0.03	0.03	0.02	0.02	0.02	0.01	0.01	0.04	0.00	-5.0%
NC_1403	20	4433	0.84	0.81	0.09	0.82	0.74	0.79	0.82	0.82	0.71	0.56	0.57	0.34	0.49	0.82	0.00	0.5%
NC_1404	20	4429	1.34	1.29	0.15	1.31	1.27	1.21	1.31	1.28	1.09	0.84	0.88	0.52	0.77	1.31	0.00	-0.2%
NC_1405	20	4429	1.70	1.70	0.07	1.71	1.18	1.62	1.71	1.70	1.57	1.20	1.19	0.73	1.00	1.71	0.00	-0.2%
NC_1406	10	4357	0.04	0.04	0.00	0.04	0.04	0.04	0.03	0.04	0.03	0.02	0.02	0.01	0.02	0.04	0.00	5.0%
NC_1407	20	4371	0.19	0.18	0.04	0.18	0.18	0.18	0.17	0.18	0.14	0.11	0.11	0.06	0.09	0.18	0.00	0.6%
NC_1408	20	4429	1.42	1.36	0.19	1.37	1.35	1.29	1.37	1.35	1.11	0.85	0.89	0.51	0.75	1.37	0.00	0.2%
NC_1409	20	4371	0.76	0.72	0.13	0.72	0.74	0.72	0.71	0.72	0.57	0.46	0.47	0.27	0.39	0.74	0.02	2.2%
NC_1410	10	4357	0.59	0.60	0.06	0.60	0.60	0.54	0.52	0.53	0.40	0.33	0.34	0.19	0.27	0.60	0.00	0.0%
NC_1411	20	4433	1.22	1.13	0.20	1.13	1.23	1.12	1.13	1.13	0.88	0.70	0.73	0.41	0.60	1.23	0.10	8.8%
NC_1412	20	4428	1.45	1.44	0.12	1.46	1.22	1.24	1.47	1.42	1.20	0.88	0.97	0.55	0.81	1.47	0.01	0.7%
NC_1413	10	4364	0.26	0.26	0.03	0.26	0.26	0.24	0.23	0.23	0.17	0.14	0.15	0.08	0.12	0.26	0.00	0.8%
NC_1414	10	4357	0.64	0.64	0.07	0.65	0.65	0.56	0.55	0.55	0.42	0.34	0.35	0.19	0.28	0.65	0.00	-0.6%
NC_1415	20	4429	3.35	3.36	0.19	3.38	2.66	2.96	3.38	3.31	2.91	2.19	2.30	1.38	1.98	3.38	0.00	-0.1%
NC_1416	20	4429	1.58	1.53	0.16	1.55	1.52	1.39	1.55	1.50	1.28	0.98	1.04	0.60	0.91	1.55	0.00	0.1%
NC_1417	20	4428	2.39	2.38	0.16	2.41	2.02	2.10	2.41	2.34	2.03	1.51	1.62	0.96	1.42	2.41	0.00	-0.1%
NC_1418	10	4364	0.66	0.66	0.07	0.67	0.67	0.57	0.55	0.56	0.42	0.34	0.35	0.19	0.28	0.67	0.00	-0.4%
NC_1419	25	4461	3.36	3.33	0.20	3.35	2.43	2.97	3.31	3.27	3.08	2.35	2.42	1.47	2.01	3.31	-0.04	-1.3%
NC_1420	20	4429	6.78	6.79	0.36	6.83	5.25	6.07	6.83	6.69	6.11	4.65	4.77	2.90	3.97	6.83	0.00	0.0%
NC_1421	60	4558	37.54	36.90	1.40	36.94	15.28	25.48	25.88	25.90	36.19	36.94	37.27	33.00	29.11	37.27	0.33	0.9%
NC_1422	10	4364	1.36	1.36	0.11	1.37	1.37	1.11	1.13	1.13	0.84	0.65	0.70	0.39	0.57	1.37	0.00	-0.1%
NC_1423	20	4429	4.11	3.96	0.48	4.02	4.03	3.52	4.02	3.86	3.18	2.39	2.58	1.47	2.19	4.03	0.01	0.3%
NC_1424	20	4433	0.43	0.41	0.07	0.41	0.36	0.41	0.41	0.41	0.34	0.27	0.28	0.16	0.23	0.41	0.00	0.7%
NC_1425	60	4558	27.30	27.01	1.41	27.04	10.73	18.05	18.44	18.44	26.37	27.04	27.46	23.27	21.04	27.46	0.42	1.6%
NC_1426	20	4433	1.62	1.54	0.20	1.54	1.50	1.45	1.58	1.54	1.28	0.97	1.03	0.59	0.87	1.58	0.04	2.8%
NC_1427	10	4364	3.20	3.21	0.13	3.22	3.22	2.60	2.99	2.88	2.27	1.69	1.84	1.05	1.55	3.22	0.00	-0.1%
NC_1428	10	4364	1.65	1.66	0.13	1.67	1.67	1.33	1.39	1.37	1.04	0.80	0.85	0.48	0.70	1.67	0.00	-0.2%
NC_1429	10	4364	1.25	1.25	0.12	1.26	1.26	1.05	1.05	1.05	0.79	0.63	0.66	0.36	0.53	1.26	0.00	0.2%
NC_1430	10	4364	1.30	1.31	0.13	1.32	1.32	1.14	1.14	1.15	0.88	0.70	0.73	0.40	0.59	1.32	0.00	0.3%
NC_1431	10	4364	1.51	1.52	0.12	1.53	1.53	1.23	1.28	1.26	0.96	0.74	0.79	0.44	0.65	1.53	-0.01	-0.3%
NC_1432	10	4364	2.17	2.18	0.12	2.19	2.19	1.87	2.06	2.00	1.58	1.20	1.28	0.73	1.08	2.19	0.00	-0.2%
NC_1433	15	4401	7.85	7.74	0.56	7.82	7.41	6.31	7.68	7.28	5.97	4.37	4.82	2.72	4.03	7.68	-0.14	-1.7%
NC_1434	20	4429	12.85	12.86	1.07	12.87	11.44	10.66	12.87	12.35	10.51	7.72	8.50	4.82	7.12	12.87	0.00	0.0%
NC_1435	20	4428	2.70	2.69	0.19	2.72	2.24	2.34	2.72	2.64	2.26	1.66	1.79	1.03	1.52	2.72	0.00	0.1%
NC_1436	20	4371	0.71	0.67	0.11	0.67	0.64	0.67	0.67	0.67	0.55	0.44	0.45	0.26	0.38	0.67	0.00	0.6%
NC_1437	10	4364	0.61	0.61	0.07	0.62	0.62	0.55	0.54	0.55	0.42	0.34	0.35	0.19	0.28	0.62	0.00	-0.6%
NC_1438	10	4364	1.34	1.35	0.13	1.36	1.36	1.18	1.19	1.19	0.91	0.73	0.76	0.42	0.61	1.36	0.00	-0.1%
NC_1439	20	4433	0.39	0.38	0.06	0.38	0.28	0.38	0.38	0.38	0.34	0.26	0.27	0.16	0.23	0.38	0.00	0.5%
NC_1440	20	4429	1.86	1.76	0.24	1.79	1.88	1.63	1.79	1.74	1.39	1.05	1.12	0.64	0.94	1.88	0.09	4.9%
NC_1441	10	4357	0.58	0.59	0.06	0.59	0.59	0.52	0.50	0.51	0.38	0.31	0.33	0.18	0.26	0.59	0.00	0.3%
NC_1442	10	4357	1.04	1.05	0.09	1.06	1.06	0.94	0.97	0.96	0.75	0.59	0.62	0.35	0.51	1.06	0.00	-0.1%
NC_1443	20	4429	11.42	11.39	0.91	11.48	9.52	9.54	11.48	10.99	9.73	7.23	7.91	4.51	6.55	11.48	0.00	0.0%
NC_1444	10	4364	0.57	0.57	0.06	0.57	0.57	0.51	0.49	0.50	0.38	0.31	0.32	0.17	0.25	0.57	0.00	0.5%
NC_1445	10	4364	0.61	0.61	0.07	0.62	0.62	0.55	0.54	0.54	0.41	0.34	0.35	0.19	0.28	0.62	0.00	-0.6%
NC_1446	20	4429	5.31	5.30	0.40	5.34	4.42	4.50	5.34	5.13	4.70	3.59	3.93	2.33	3.23	5.34	0.00	0.0%
NC_1447	10	4357	0.55	0.56	0.06	0.56	0.56	0.50	0.49	0.49	0.38	0.31	0.32	0.17	0.25	0.56	0.00	0.0%
NC_1448	60	4558	31.12	30.67	1.69	30.79	10.89	17.86	18.32	18.29	30.08	30.79	32.48	24.51	25.63	32.48	1.69	5.5%
NC_1449	10	4364	1.67	1.68	0.13	1.69	1.69	1.47	1.55	1.53	1.20	0.92	0.97	0.55	0.81	1.69	0.00	-0.2%
NC_1450	10	4364	0.71	0.71	0.07	0.72	0.72	0.63	0.62	0.62	0.47	0.38	0.40	0.22	0.32	0.72	0.00	-0.1%
NC_1451	20	4371	0.70	0.65	0.12	0.65	0.70	0.65	0.64	0.64	0.50	0.40	0.42	0.23	0.34	0.70	0.05	8.0%
NC_1452	20	4371	0.64	0.59	0.11	0.59	0.64	0.59	0.58	0.59	0.45	0.37	0.38	0.21	0.30	0.64	0.05	8.5%
NC_1453	10	4364	0.59	0.59	0.06	0.60	0.60	0.54	0.52	0.53	0.40	0.33	0.34	0.19	0.27	0.60	0.00	-0.7%
NC_1454	10	4364	1.68	1.69	0.12	1.70	1.70	1.50	1.59	1.57	1.24	0.95	1.00	0.57	0.84	1.70	0.00	0.2%
NC_1455	45	4528	1.69	1.68	0.19	1.70	0.94	1.49	1.53	1.53	1.70	1.49	1.50	0.99	1.23	1.70	0.00	-0.1%
NC_1456	20	4371	0.50	0.47	0.08	0.47	0.46	0.47	0.46	0.47	0.38	0.30	0.31	0.17	0.25	0.47	0.00	0.4%
NC_1457	20	4433	0.56	0.54	0.06	0.55	0.34	0.54	0.55	0.55	0.52	0.41	0.44	0.27	0.37	0.55	0.00	0.7%
NC_1458	20	4433	1.15	1.07	0.19	1.07	1.15	1.06	1.07	1.07	0.84	0.67	0.69	0.39	0.57	1.15	0.08	7.7%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_1459	20	4433	0.42	0.41	0.07	0.41	0.32	0.41	0.41	0.41	0.36	0.28	0.29	0.17	0.25	0.41	0.00	0.7%
NC_1460	30	4500	1.36	1.36	0.11	1.36	0.87	1.23	1.30	1.29	1.36	1.14	1.16	0.74	0.96	1.36	0.00	-0.1%
NC_1461	25	4464	1.75	1.75	0.13	1.75	1.35	1.65	1.74	1.72	1.70	1.41	1.46	0.93	1.22	1.74	-0.01	-0.9%
NC_1462	25	4460	1.98	2.00	0.16	2.02	1.59	1.85	1.98	1.95	1.92	1.57	1.64	1.04	1.40	1.98	-0.04	-1.9%
NC_1463	20	4399	5.85	5.72	0.50	5.74	4.97	5.39	5.81	5.67	5.18	4.06	4.26	2.67	3.63	5.81	0.07	1.3%
NC_1464	20	4371	0.56	0.52	0.10	0.52	0.56	0.52	0.51	0.52	0.40	0.32	0.33	0.18	0.27	0.56	0.04	7.3%
NC_1465	20	4429	9.27	9.29	0.65	9.36	7.25	7.95	9.36	9.02	8.41	6.49	7.02	4.21	5.99	9.36	0.00	0.0%
NC_1466	10	4357	0.58	0.59	0.06	0.59	0.59	0.54	0.53	0.53	0.41	0.33	0.34	0.19	0.27	0.59	0.00	0.0%
NC_1467	20	4371	0.53	0.49	0.10	0.49	0.53	0.49	0.48	0.49	0.37	0.30	0.31	0.17	0.25	0.53	0.04	8.4%
NC_1468	20	4371	0.57	0.53	0.10	0.53	0.57	0.53	0.52	0.52	0.40	0.33	0.34	0.19	0.27	0.57	0.04	6.8%
NC_1469	20	4429	1.30	1.22	0.19	1.23	1.31	1.17	1.23	1.21	0.96	0.74	0.78	0.44	0.65	1.31	0.08	6.5%
NC_1470	20	4371	0.57	0.53	0.10	0.54	0.58	0.54	0.52	0.53	0.41	0.33	0.34	0.19	0.27	0.58	0.04	7.6%
NC_1471	20	4429	1.38	1.29	0.20	1.30	1.38	1.24	1.30	1.29	1.02	0.79	0.82	0.47	0.69	1.38	0.08	6.2%
NC_1472	20	4371	0.53	0.48	0.10	0.49	0.53	0.49	0.48	0.48	0.37	0.30	0.31	0.17	0.25	0.53	0.04	8.8%
NC_1473	10	4364	0.55	0.55	0.06	0.56	0.56	0.50	0.49	0.49	0.38	0.31	0.32	0.17	0.25	0.56	-0.01	-0.9%
NC_1474	10	4364	0.58	0.58	0.06	0.59	0.59	0.52	0.51	0.52	0.39	0.32	0.33	0.18	0.26	0.59	-0.01	-0.8%
NC_1475	20	4371	0.91	0.85	0.15	0.85	0.90	0.85	0.84	0.84	0.67	0.53	0.55	0.31	0.45	0.90	0.05	5.3%
NC_1476	10	4364	0.36	0.36	0.04	0.37	0.37	0.32	0.31	0.31	0.23	0.19	0.20	0.11	0.16	0.37	0.00	-1.1%
NC_1477	20	4429	1.03	0.97	0.16	0.98	1.00	0.93	0.98	0.96	0.77	0.60	0.63	0.35	0.52	1.00	0.02	2.1%
NC_1478	180	4653	14.04	14.29	1.09	14.68	5.63	8.40	8.42	8.42	11.14	11.95	13.66	14.68	12.96	14.68	0.00	0.0%
NC_1479	25	4464	1.18	1.16	0.10	1.18	0.63	1.11	1.14	1.13	1.16	1.03	1.07	0.72	0.90	1.16	-0.02	-1.4%
NC_1480	45	4528	3.37	3.36	0.38	3.44	1.35	2.73	2.90	2.85	3.44	2.96	3.08	2.00	2.48	3.44	0.00	0.0%
NC_1481	45	4528	4.02	4.03	0.43	4.13	1.55	3.18	3.36	3.31	4.13	3.56	3.69	2.37	2.94	4.13	0.00	-0.1%
NC_1482	45	4528	11.44	11.27	1.10	11.78	6.26	9.74	10.60	10.40	11.78	9.57	10.08	6.18	8.07	11.78	0.00	0.0%
NC_1483	25	4461	2.18	2.23	0.18	2.24	1.21	1.87	2.10	2.04	2.14	1.68	1.81	1.08	1.51	2.14	-0.10	-4.6%
NC_1484	20	4433	0.54	0.53	0.06	0.54	0.33	0.53	0.54	0.54	0.51	0.40	0.44	0.27	0.37	0.54	0.00	0.6%
NC_1485	20	4433	0.91	0.89	0.13	0.89	0.73	0.89	0.89	0.89	0.79	0.63	0.66	0.40	0.56	0.89	0.00	0.1%
NC_1486	20	4433	0.53	0.52	0.05	0.52	0.31	0.51	0.53	0.52	0.50	0.39	0.43	0.26	0.36	0.53	0.01	1.3%
NC_1487	25	4461	4.71	4.65	0.24	4.67	3.05	4.06	4.49	4.44	4.51	3.48	3.63	2.16	2.91	4.51	-0.16	-3.5%
NC_1488	25	4394	2.77	2.78	0.13	2.79	1.87	2.53	2.68	2.67	2.71	2.29	2.30	1.49	1.86	2.71	-0.08	-2.8%
NC_1489	60	4558	15.92	15.91	1.20	15.93	2.75	8.89	8.99	8.98	15.37	15.93	16.56	12.33	12.71	16.56	0.63	3.9%
NC_1490	20	4433	0.73	0.72	0.07	0.73	0.44	0.71	0.73	0.73	0.71	0.58	0.62	0.39	0.52	0.73	0.00	0.4%
NC_1491	20	4399	4.09	4.06	0.36	4.10	3.57	3.43	4.10	3.90	3.41	2.55	2.79	1.59	2.32	4.10	0.00	0.0%
NC_1492	15	4401	12.24	12.27	0.61	12.37	11.03	9.71	12.11	11.58	9.52	6.88	7.58	4.27	6.32	12.11	-0.26	-2.1%
NC_1493	25	4394	17.41	17.63	1.06	17.73	12.53	15.41	17.01	16.69	17.17	16.54	18.58	13.95	14.69	18.58	0.85	4.8%
NC_1494	20	4429	1.40	1.32	0.20	1.33	1.38	1.27	1.33	1.31	1.05	0.81	0.85	0.49	0.71	1.38	0.05	3.8%
NC_1495	10	4364	1.22	1.22	0.11	1.23	1.23	1.03	1.02	1.03	0.77	0.61	0.64	0.35	0.51	1.23	0.00	-0.2%
NC_1496	10	4364	1.53	1.54	0.11	1.55	1.55	1.37	1.45	1.43	1.13	0.87	0.91	0.52	0.76	1.55	0.00	0.2%
NC_1497	20	4429	2.38	2.28	0.28	2.32	2.36	2.06	2.32	2.25	1.81	1.35	1.45	0.83	1.23	2.36	0.04	1.7%
NC_1498	20	4367	0.40	0.38	0.07	0.38	0.36	0.38	0.37	0.38	0.30	0.24	0.25	0.14	0.21	0.38	0.00	0.3%
NC_1499	20	4371	0.51	0.47	0.09	0.48	0.50	0.48	0.46	0.47	0.36	0.30	0.31	0.17	0.25	0.50	0.02	4.2%
NC_1500	20	4399	3.84	3.75	0.38	3.76	3.32	3.34	3.85	3.68	3.21	2.43	2.65	1.52	2.22	3.85	0.09	2.4%
NC_1501	120	4499	29.03	29.21	2.84	29.73	12.22	18.05	19.15	18.99	23.32	23.30	29.73	28.49	23.87	29.73	0.00	0.0%
NC_1502	10	4357	0.46	0.46	0.05	0.46	0.46	0.41	0.40	0.40	0.30	0.25	0.26	0.14	0.20	0.46	0.00	0.7%
NC_1503	20	4367	2.28	2.18	0.27	2.18	2.13	2.03	2.23	2.17	1.79	1.35	1.45	0.83	1.22	2.23	0.05	2.3%
NC_1504	20	4371	0.41	0.38	0.07	0.39	0.39	0.39	0.38	0.38	0.30	0.24	0.25	0.14	0.20	0.39	0.00	0.5%
NC_1505	10	4357	0.24	0.24	0.03	0.24	0.24	0.22	0.21	0.21	0.16	0.13	0.14	0.07	0.11	0.24	0.00	1.7%
NC_1506	20	4429	1.78	1.69	0.24	1.71	1.73	1.60	1.71	1.68	1.37	1.05	1.11	0.64	0.93	1.73	0.02	0.9%
NC_1507	20	4429	1.86	1.78	0.24	1.80	1.79	1.68	1.80	1.77	1.44	1.11	1.16	0.67	0.98	1.80	0.00	-0.2%
NC_1508	20	4371	0.79	0.74	0.13	0.74	0.77	0.74	0.74	0.74	0.59	0.47	0.49	0.27	0.40	0.77	0.03	3.5%
NC_1509	20	4433	1.24	1.18	0.18	1.18	1.17	1.17	1.18	1.18	0.97	0.77	0.79	0.46	0.66	1.18	0.00	-0.3%
NC_1510	20	4399	3.15	3.04	0.32	3.06	2.82	2.71	3.14	3.01	2.59	1.96	2.13	1.22	1.79	3.14	0.08	2.7%
NC_1511	20	4371	0.68	0.63	0.12	0.63	0.69	0.63	0.62	0.63	0.48	0.39	0.41	0.22	0.33	0.69	0.06	10.0%
NC_1512	20	4429	1.32	1.25	0.19	1.26	1.30	1.19	1.26	1.24	0.99	0.76	0.80	0.46	0.67	1.30	0.04	3.0%
NC_1513	20	4367	1.57	1.50	0.20	1.50	1.46	1.43	1.53	1.50	1.24	0.95	1.00	0.58	0.85	1.53	0.03	1.7%
NC_1514	20	4371	0.81	0.76	0.13	0.76	0.77	0.76	0.76	0.76	0.61	0.49	0.50	0.28	0.41	0.77	0.01	1.4%
NC_1515	20	4371	0.85	0.79	0.14	0.79	0.82	0.79	0.79	0.79	0.63	0.50	0.52	0.29	0.43	0.82	0.03	4.3%
NC_1516	20	4433	1.08	1.01	0.17	1.01	1.06	1.00	1.01	1.01	0.80	0.64	0.66	0.37	0.55	1.06	0.05	4.7%
NC_1517	20	4429	1.57	1.50	0.21	1.51	1.52	1.41	1.51	1.48	1.21	0.92	0.98	0.56	0.82	1.52	0.01	0.7%
NC_1518	20	4371	0.55	0.52	0.10	0.53	0.53	0.53	0.52	0.52	0.41	0.33	0.34	0.19	0.28	0.53	0.00	-0.8%
NC_1519	20	4367	1.08	1.03	0.15	1.03	1.00	0.99	1.05	1.03	0.85	0.66	0.69	0.39	0.58	1.05	0.02	1.6%
NC_1520	45	4528	6.91	6.91	0.56	7.18	2.59	5.31	5.59	5.57	7.18	6.14	6.07	4.06	4.24	7.18	0.00	0.0%
NC_1521	20	4367	2.64	2.53	0.32	2.56	2.45	2.37	2.58	2.51	2.11	1.61	1.71	0.99	1.45	2.58	0.02	0.7%
NC_1522	20	4429	3.90	3.77	0.46	3.83	3.69	3.39	3.83	3.69	3.07	2.33	2.50	1.43	2.10	3.83	0.00	-0.1%
NC_1523	20	4399	3.29	3.20	0.32	3.21	2.94	2.83	3.28	3.11	2.71	2.05	2.24	1.28	1.89	3.28	0.07	2.2%
NC_1524	20	4429	1.40	1.31	0.21	1.31	1.37	1.30	1.31	1.31	1.05	0.83	0.86	0.49	0.71	1.37	0.06	4.9%
NC_1525	45	4528	7.01	6.96	0.68	7.21	2.66	5.71	6.06	6.02	7.21	5.99	6.02	3.97	4.28	7.21	0.00	0.0%
NC_1526	25	4466	3.93	3.96	0.20	3.98	3.03	3.54	3.88	3.84	3.76	2.99	3.05	1.91	2.50	3.88	-0.10	-2.4%
NC_1527	10	4357	0.89	0.90	0.08	0.91	0.91	0.77	0.80	0.79	0.61	0.47	0.50	0.28	0.41	0.91	0.00	-0.4%
NC_1528	10	4364	0.61	0.62	0.06	0.62	0.62	0.54	0.54	0.54	0.41	0.33	0.34	0.19	0.27	0.62	0.00	0.0%
NC_1529	20	4371	0.43	0.40	0.08	0.40	0.42	0.40	0.39	0.39	0.30	0.25	0.26	0.14	0.20	0.42	0.02	6.0%
NC_1530	45	4528	23.96	24.16	1.79	24.88	4.96	14.94	15.45	15.40	24.88	22.28	23.40	14.49	18.44	24.88	0.00	0.0%
NC_1531	20	4371	0.38	0.36	0.07	0.36	0.38	0.36	0.35	0.35	0.27	0.22	0.23	0.13	0.18	0.38	0.02	5.0%
NC_1532	90	4588	14.14	14.28	0.47	14.29	6.54	9.36	9.43	9.43	12.26	13.40	13.54	13.34	11.39	13.54	-0.75	-5.3%
NC_1533	120	4611	14.11	14.19	0.52	14.20	5.69	8.57	8.61	8.60	11.54	12.38	13.73	14.15	12.14	14.15	-0.05	-0.4%
NC_1534	25	4466	3.93	3.97	0.21	4.00	2.47	3.45	3.77	3.72	3.85	3.08	3.18	1.97	2.55	3.85	-0.15	-3.7%
NC_1535	20	4429	5.48	5.47	0.40	5.51	4.45	4.74	5.51	5.32	4.81	3.63	3.92	2.29	3.25	5.51	0.00	-0.1%
NC_1536	20	4371	0.56	0.52	0.10	0.53	0.57	0.53	0.51	0.52	0.40	0.32	0.33	0.18	0.27	0.57	0.04	8.1%
NC_1537	25	4466	2.58	2.62	0.17	2.63	1.72	2.24	2.52	2.47	2.44	1.89	1.99	1.20	1.61	2.52	-0.11	-4.3%
NC_1538	10	4364	1.29	1.29	0.12	1.30	1.30	1.09	1.09	1.09	0.82	0.66	0.69	0.38	0.55	1.30	0.00	-0.1%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_1	180	4662	141.82	141.70	4.34	143.77	51.64	64.41	64.19	63.84	100.84	123.55	144.03	138.75	144.03	0.26	0.2%
NC_2	60	4565	0.61	0.61	0.11	0.63	0.38	0.49	0.45	0.50	0.54	0.50	0.46	0.43	0.54	-0.10	-15.1%
NC_3	20	4435	0.31	0.31	0.06	0.33	0.27	0.28	0.23	0.33	0.30	0.20	0.19	0.17	0.33	0.00	-0.6%
NC_4	60	4565	0.79	0.79	0.12	0.82	0.39	0.54	0.53	0.53	0.66	0.70	0.60	0.58	0.70	-0.12	-14.8%
NC_5	20	4436	4.68	4.62	0.52	4.72	4.89	4.73	4.52	4.30	4.94	2.85	2.78	2.45	4.94	0.22	4.7%
NC_6	20	4434	1.05	1.04	0.16	1.05	1.04	0.99	1.05	1.03	1.07	0.54	0.53	0.46	1.07	0.01	1.4%
NC_7	20	4434	0.86	0.86	0.14	0.87	0.82	0.79	0.87	0.86	0.89	0.45	0.44	0.38	0.89	0.02	2.0%
NC_8	45	4536	0.42	0.40	0.06	0.41	0.32	0.38	0.32	0.41	0.41	0.32	0.30	0.28	0.41	0.00	0.5%
NC_9	20	4436	1.45	1.42	0.16	1.44	1.43	1.44	1.26	1.40	1.47	0.87	0.86	0.75	1.47	0.03	2.2%
NC_10	45	4541	4.33	4.23	0.22	4.25	2.83	3.42	3.36	3.23	4.20	3.95	3.28	2.99	4.20	-0.05	-1.2%
NC_11	20	4436	2.75	2.66	0.35	2.69	2.81	2.69	2.62	2.58	2.83	1.67	1.62	1.43	2.83	0.14	5.4%
NC_12	20	4435	0.56	0.55	0.10	0.59	0.52	0.50	0.51	0.59	0.57	0.32	0.32	0.28	0.59	-0.01	-0.8%
NC_13	45	4536	0.34	0.32	0.06	0.34	0.29	0.32	0.26	0.36	0.34	0.24	0.23	0.20	0.36	0.02	4.7%
NC_14	20	4434	1.16	1.14	0.18	1.14	1.15	1.09	1.14	1.14	1.17	0.62	0.61	0.53	1.17	0.03	3.0%
NC_15	60	4565	1.11	1.12	0.17	1.16	0.60	0.80	0.78	0.78	0.97	0.95	0.84	0.79	0.97	-0.19	-16.6%
NC_16	20	4435	0.48	0.49	0.09	0.50	0.45	0.44	0.47	0.50	0.50	0.26	0.25	0.22	0.50	0.00	0.6%
NC_17	45	4536	0.33	0.32	0.05	0.33	0.27	0.31	0.25	0.34	0.33	0.24	0.23	0.20	0.34	0.01	3.3%
NC_18	20	4435	1.20	1.16	0.16	1.19	1.17	1.14	1.10	1.19	1.19	0.78	0.75	0.67	1.19	0.00	0.0%
NC_19	60	4565	0.57	0.57	0.10	0.59	0.37	0.46	0.42	0.48	0.51	0.46	0.43	0.40	0.51	-0.08	-13.9%
NC_20	45	4536	0.33	0.31	0.05	0.32	0.26	0.30	0.25	0.32	0.32	0.24	0.23	0.21	0.32	0.00	0.9%
NC_21	45	4541	5.30	5.22	0.26	5.25	3.49	4.21	4.15	4.00	5.11	4.85	4.00	3.69	5.11	-0.14	-2.7%
NC_22	20	4435	0.42	0.41	0.08	0.45	0.38	0.38	0.33	0.45	0.41	0.27	0.26	0.23	0.45	0.00	-0.9%
NC_23	60	4565	1.91	1.93	0.28	1.99	0.99	1.33	1.29	1.31	1.65	1.69	1.46	1.37	1.69	-0.30	-15.1%
NC_24	45	4478	0.93	0.90	0.13	0.91	0.74	0.86	0.75	0.85	0.92	0.71	0.68	0.61	0.92	0.01	1.0%
NC_25	20	4435	0.68	0.68	0.12	0.69	0.64	0.62	0.68	0.69	0.70	0.35	0.35	0.30	0.70	0.01	1.9%
NC_26	20	4435	0.36	0.36	0.06	0.39	0.32	0.34	0.27	0.39	0.36	0.25	0.24	0.21	0.39	0.00	-0.8%
NC_27	15	4410	0.64	0.64	0.07	0.64	0.64	0.58	0.66	0.61	0.65	0.29	0.28	0.25	0.66	0.02	3.0%
NC_28	20	4435	0.73	0.72	0.10	0.75	0.68	0.69	0.63	0.75	0.72	0.51	0.49	0.43	0.75	0.00	-0.3%
NC_29	20	4435	0.80	0.80	0.13	0.80	0.76	0.73	0.80	0.80	0.82	0.41	0.41	0.35	0.82	0.02	2.5%
NC_30	60	4568	6.92	7.12	0.72	7.23	3.37	4.36	4.30	4.23	6.37	7.11	5.53	5.65	7.11	-0.12	-1.7%
NC_31	45	4536	0.33	0.32	0.05	0.33	0.27	0.31	0.25	0.34	0.33	0.24	0.23	0.20	0.34	0.01	3.9%
NC_32	45	4478	1.21	1.15	0.18	1.16	0.86	1.05	0.92	1.06	1.15	0.95	0.89	0.81	1.15	-0.01	-1.3%
NC_33	45	4536	0.35	0.33	0.05	0.34	0.29	0.32	0.26	0.36	0.34	0.25	0.24	0.21	0.36	0.02	5.0%
NC_34	60	4568	9.70	9.89	1.11	10.00	4.85	6.34	6.24	6.19	8.76	9.71	7.60	7.75	9.71	-0.29	-2.9%
NC_35	20	4435	0.54	0.54	0.09	0.57	0.47	0.50	0.40	0.57	0.53	0.38	0.37	0.33	0.57	0.00	0.0%
NC_36	45	4536	2.21	2.15	0.31	2.19	1.69	1.99	1.79	1.90	2.19	1.71	1.60	1.45	2.19	0.00	-0.2%
NC_37	20	4435	0.49	0.49	0.09	0.51	0.46	0.44	0.47	0.51	0.51	0.26	0.26	0.23	0.51	0.00	-0.4%
NC_38	15	4410	0.64	0.64	0.07	0.64	0.64	0.59	0.66	0.62	0.66	0.30	0.29	0.25	0.66	0.02	3.1%
NC_39	20	4435	0.42	0.42	0.07	0.45	0.37	0.39	0.31	0.45	0.41	0.29	0.28	0.25	0.45	0.00	-0.7%
NC_40	60	4568	9.68	9.95	1.07	10.05	4.73	6.21	6.11	6.07	8.79	9.74	7.69	7.70	9.74	-0.31	-3.1%
NC_41	20	4435	0.88	0.86	0.12	0.88	0.85	0.84	0.79	0.88	0.86	0.52	0.51	0.45	0.88	0.00	-0.3%
NC_42	45	4542	0.66	0.63	0.10	0.67	0.61	0.66	0.55	0.65	0.69	0.48	0.46	0.41	0.69	0.02	3.6%
NC_43	20	4435	0.96	0.93	0.15	0.97	0.94	0.90	0.89	0.97	0.96	0.56	0.55	0.48	0.97	0.00	-0.4%
NC_44	20	4435	0.50	0.50	0.09	0.51	0.47	0.45	0.49	0.51	0.52	0.26	0.25	0.22	0.52	0.01	1.6%
NC_45	20	4435	0.66	0.66	0.11	0.67	0.63	0.60	0.66	0.67	0.68	0.34	0.33	0.29	0.68	0.01	2.1%
NC_46	45	4536	0.37	0.36	0.06	0.37	0.31	0.35	0.28	0.39	0.37	0.27	0.26	0.23	0.39	0.02	4.3%
NC_47	20	4434	1.34	1.31	0.19	1.34	1.33	1.27	1.34	1.28	1.35	0.68	0.67	0.58	1.35	0.01	0.5%
NC_48	20	4435	1.35	1.31	0.18	1.32	1.34	1.29	1.24	1.32	1.34	0.79	0.77	0.68	1.34	0.02	1.6%
NC_49	60	4475	9.59	9.58	0.33	9.61	6.56	7.68	7.63	7.53	9.32	9.73	9.25	8.66	9.73	0.12	1.2%
NC_50	45	4536	0.39	0.37	0.06	0.38	0.30	0.35	0.29	0.38	0.38	0.29	0.27	0.25	0.38	0.00	1.1%
NC_51	20	4435	1.47	1.42	0.20	1.42	1.48	1.42	1.35	1.42	1.49	0.86	0.85	0.74	1.49	0.07	5.1%
NC_52	45	4536	1.19	1.15	0.16	1.19	1.06	1.13	0.95	1.17	1.19	0.90	0.85	0.77	1.19	0.00	0.0%
NC_53	45	4536	1.89	1.84	0.27	1.89	1.52	1.74	1.51	1.71	1.89	1.44	1.36	1.23	1.89	0.00	-0.3%
NC_54	20	4435	0.93	0.91	0.15	0.93	0.90	0.85	0.89	0.93	0.94	0.51	0.50	0.44	0.94	0.01	0.6%
NC_55	20	4435	0.45	0.44	0.09	0.47	0.41	0.40	0.41	0.47	0.46	0.25	0.25	0.22	0.47	0.00	-0.2%
NC_56	20	4434	0.53	0.54	0.09	0.54	0.51	0.49	0.54	0.53	0.55	0.26	0.26	0.22	0.55	0.01	2.2%
NC_57	20	4435	0.68	0.67	0.12	0.71	0.64	0.61	0.64	0.71	0.69	0.40	0.39	0.34	0.71	0.00	0.1%
NC_58	60	4475	9.58	9.56	0.33	9.60	6.52	7.64	7.59	7.49	9.30	9.71	9.32	8.65	9.71	0.11	1.1%
NC_59	20	4435	0.74	0.74	0.13	0.74	0.69	0.67	0.73	0.74	0.76	0.38	0.38	0.33	0.76	0.02	2.4%
NC_60	20	4435	0.52	0.52	0.09	0.52	0.49	0.47	0.52	0.52	0.54	0.26	0.26	0.22	0.54	0.02	3.3%
NC_61	20	4435	0.52	0.51	0.09	0.55	0.48	0.48	0.44	0.55	0.52	0.33	0.32	0.28	0.55	0.00	0.4%
NC_62	20	4436	6.01	6.03	0.39	6.16	5.90	6.16	5.55	5.66	6.23	3.95	3.87	3.45	6.23	0.07	1.2%
NC_63	20	4434	0.56	0.56	0.09	0.56	0.54	0.51	0.56	0.56	0.58	0.27	0.27	0.23	0.58	0.02	3.2%
NC_64	45	4542	1.44	1.38	0.20	1.44	1.34	1.46	1.28	1.35	1.53	1.04	1.00	0.89	1.53	0.09	5.9%
NC_65	15	4410	0.82	0.82	0.09	0.82	0.82	0.75	0.84	0.77	0.83	0.37	0.36	0.32	0.84	0.02	2.8%
NC_66	15	4412	0.59	0.58	0.07	0.58	0.58	0.54	0.60	0.58	0.61	0.28	0.28	0.24	0.61	0.03	5.3%
NC_67	45	4542	1.75	1.71	0.23	1.76	1.65	1.76	1.53	1.63	1.82	1.33	1.25	1.14	1.82	0.06	3.6%
NC_68	15	4410	0.61	0.61	0.07	0.61	0.61	0.55	0.63	0.58	0.62	0.27	0.27	0.23	0.63	0.02	2.5%
NC_69	30	4513	1.90	1.88	0.14	1.90	1.60	1.83	1.72	1.68	1.89	1.51	1.37	1.27	1.89	-0.01	-0.8%
NC_70	20	4435	0.51	0.51	0.09	0.52	0.48	0.46	0.50	0.52	0.53	0.26	0.26	0.22	0.53	0.01	1.3%
NC_71	20	4435	0.49	0.49	0.09	0.50	0.45	0.44	0.47	0.50	0.50	0.26	0.25	0.22	0.50	0.00	0.8%
NC_72	20	4435	0.52	0.52	0.09	0.53	0.49	0.47	0.51	0.53	0.54	0.27	0.26	0.23	0.54	0.01	1.7%
NC_73	20	4435	1.08	1.06	0.13	1.07	1.04	1.04	0.94	1.07	1.08	0.69	0.67	0.59	1.08	0.00	0.5%
NC_74	20	4435	0.36	0.36	0.07	0.39	0.32	0.34	0.27	0.39	0.36	0.24	0.24	0.21	0.39	0.00	-0.5%
NC_75	20	4440	6.99	7.02	0.44	7.16	6.87	7.19	6.54	6.52	7.33	4.64	4.51	4.02	7.33	0.17	2.4%
NC_76	20	4436	1.54	1.48	0.20	1.51	1.56	1.51	1.44	1.46	1.58	0.91	0.89	0.78	1.58	0.07	4.9%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_77	45	4542	1.84	1.79	0.24	1.84	1.78	1.83	1.62	1.71	1.92	1.41	1.31	1.24	1.92	0.08	4.2%
NC_78	20	4435	0.53	0.52	0.10	0.54	0.51	0.49	0.49	0.54	0.55	0.29	0.28	0.25	0.55	0.01	2.0%
NC_79	20	4435	0.67	0.67	0.11	0.67	0.63	0.61	0.66	0.67	0.69	0.34	0.34	0.29	0.69	0.02	2.5%
NC_80	45	4536	1.22	1.19	0.17	1.23	1.06	1.16	0.98	1.16	1.23	0.93	0.88	0.79	1.23	0.00	0.2%
NC_81	20	4436	0.91	0.90	0.11	0.90	0.88	0.90	0.77	0.89	0.93	0.56	0.55	0.48	0.93	0.03	3.0%
NC_82	30	4513	2.51	2.49	0.28	2.50	2.25	2.51	2.27	2.28	2.62	1.81	1.73	1.55	2.62	0.12	4.7%
NC_83	15	4410	0.73	0.73	0.07	0.73	0.73	0.66	0.75	0.67	0.73	0.32	0.31	0.27	0.75	0.02	2.5%
NC_84	20	4435	0.63	0.63	0.11	0.65	0.59	0.57	0.61	0.65	0.65	0.34	0.34	0.30	0.65	0.00	0.2%
NC_85	20	4435	0.42	0.41	0.08	0.44	0.38	0.38	0.35	0.44	0.41	0.26	0.25	0.22	0.44	0.00	0.5%
NC_86	20	4436	2.76	2.73	0.33	2.74	2.91	2.74	2.71	2.51	2.84	1.48	1.47	1.29	2.91	0.17	6.0%
NC_87	15	4410	0.90	0.90	0.10	0.90	0.90	0.82	0.93	0.85	0.91	0.41	0.40	0.35	0.93	0.03	2.8%
NC_88	20	4435	2.02	1.99	0.28	2.00	1.93	1.97	1.73	2.00	2.11	1.31	1.28	1.13	2.11	0.11	5.6%
NC_89	45	4536	0.32	0.30	0.05	0.32	0.25	0.29	0.24	0.32	0.32	0.23	0.22	0.20	0.32	0.00	-0.9%
NC_90	20	4436	3.59	3.57	0.35	3.66	3.62	3.66	3.33	3.33	3.83	2.50	2.38	2.19	3.83	0.17	4.8%
NC_91	20	4435	0.49	0.49	0.09	0.51	0.46	0.44	0.48	0.51	0.51	0.26	0.25	0.22	0.51	0.00	-0.2%
NC_92	20	4435	0.44	0.43	0.08	0.47	0.41	0.40	0.39	0.47	0.45	0.26	0.25	0.22	0.47	0.00	-0.9%
NC_93	45	4536	0.75	0.72	0.11	0.75	0.66	0.71	0.59	0.76	0.75	0.56	0.53	0.48	0.76	0.01	1.7%
NC_94	20	4435	1.12	1.10	0.18	1.11	1.11	1.05	1.09	1.11	1.13	0.61	0.60	0.52	1.13	0.02	1.6%
NC_95	20	4435	0.97	0.95	0.16	0.96	0.95	0.90	0.94	0.96	0.98	0.53	0.52	0.45	0.98	0.02	2.1%
NC_96	20	4436	1.42	1.40	0.16	1.41	1.38	1.41	1.21	1.39	1.45	0.88	0.87	0.76	1.45	0.04	3.1%
NC_97	20	4435	0.49	0.49	0.09	0.51	0.46	0.44	0.48	0.51	0.51	0.27	0.26	0.23	0.51	0.00	0.4%
NC_98	20	4436	1.51	1.47	0.18	1.47	1.49	1.47	1.36	1.47	1.52	0.94	0.92	0.81	1.52	0.05	3.5%
NC_99	20	4436	3.34	3.29	0.38	3.32	3.50	3.32	3.25	3.07	3.45	1.87	1.85	1.61	3.50	0.18	5.5%
NC_100	20	4435	0.55	0.55	0.10	0.58	0.52	0.49	0.52	0.58	0.57	0.31	0.31	0.27	0.58	0.00	-0.3%
NC_101	20	4435	1.37	1.32	0.22	1.36	1.35	1.27	1.28	1.36	1.39	0.77	0.76	0.66	1.39	0.03	2.5%
NC_102	180	4658	9.66	9.64	0.63	9.69	6.49	7.62	7.57	7.47	9.33	9.75	9.82	8.92	9.82	0.13	1.3%
NC_103	20	4435	0.54	0.54	0.09	0.55	0.52	0.49	0.54	0.55	0.56	0.27	0.27	0.23	0.56	0.01	2.0%
NC_104	20	4435	0.35	0.35	0.06	0.37	0.30	0.33	0.26	0.37	0.35	0.24	0.23	0.21	0.37	0.00	-0.3%
NC_105	20	4436	4.14	4.03	0.53	4.08	4.09	4.08	3.70	3.99	4.35	2.60	2.54	2.24	4.35	0.27	6.5%
NC_106	20	4435	0.52	0.53	0.09	0.53	0.50	0.48	0.53	0.53	0.54	0.26	0.26	0.22	0.54	0.01	2.6%
NC_107	20	4435	0.69	0.69	0.09	0.70	0.64	0.67	0.55	0.70	0.70	0.48	0.46	0.41	0.70	0.00	0.4%
NC_108	20	4435	0.60	0.59	0.11	0.62	0.56	0.53	0.57	0.62	0.61	0.33	0.33	0.29	0.62	0.00	-0.2%
NC_109	20	4440	6.36	6.38	0.59	6.53	6.63	6.63	6.22	5.61	6.78	3.64	3.61	3.16	6.78	0.25	3.8%
NC_110	20	4434	0.56	0.57	0.10	0.57	0.55	0.52	0.57	0.57	0.59	0.28	0.27	0.24	0.59	0.02	3.0%
NC_111	15	4410	0.59	0.59	0.07	0.59	0.59	0.53	0.61	0.56	0.60	0.26	0.26	0.23	0.61	0.02	2.7%
NC_112	60	4565	0.60	0.60	0.11	0.62	0.38	0.49	0.45	0.50	0.53	0.50	0.46	0.42	0.53	-0.09	-14.0%
NC_113	15	4412	0.74	0.73	0.09	0.73	0.72	0.68	0.75	0.73	0.76	0.36	0.36	0.31	0.76	0.03	4.7%
NC_114	20	4435	0.57	0.57	0.10	0.59	0.54	0.52	0.56	0.59	0.59	0.30	0.30	0.26	0.59	0.00	0.5%
NC_115	45	4536	0.33	0.32	0.05	0.33	0.28	0.31	0.25	0.35	0.33	0.24	0.23	0.20	0.35	0.02	5.8%
NC_116	20	4436	1.85	1.78	0.24	1.80	1.89	1.80	1.74	1.75	1.91	1.07	1.05	0.92	1.91	0.11	6.2%
NC_117	20	4435	1.03	1.01	0.16	1.01	1.02	0.97	1.01	1.02	1.04	0.55	0.54	0.47	1.04	0.03	3.1%
NC_118	45	4536	0.37	0.36	0.06	0.37	0.32	0.35	0.28	0.40	0.37	0.27	0.26	0.23	0.40	0.03	7.0%
NC_119	20	4436	4.49	4.44	0.49	4.56	4.48	4.56	4.12	4.18	4.86	2.88	2.82	2.49	4.86	0.30	6.5%
NC_120	20	4435	0.90	0.88	0.15	0.93	0.84	0.82	0.81	0.93	0.89	0.57	0.55	0.49	0.93	0.00	0.4%
NC_121	60	4565	0.78	0.78	0.12	0.81	0.39	0.53	0.52	0.52	0.65	0.69	0.60	0.57	0.69	-0.12	-15.3%
NC_122	20	4435	0.51	0.51	0.09	0.52	0.48	0.46	0.51	0.52	0.53	0.26	0.26	0.22	0.53	0.01	1.9%
NC_123	45	4478	1.03	1.00	0.14	1.03	0.83	0.97	0.86	0.91	1.03	0.76	0.73	0.65	1.03	0.00	0.3%
NC_124	20	4440	16.12	16.18	0.99	16.41	15.80	16.77	15.60	14.57	17.25	10.47	10.13	8.89	17.25	0.84	5.1%
NC_125	15	4410	0.64	0.64	0.07	0.64	0.64	0.57	0.66	0.59	0.64	0.28	0.27	0.23	0.66	0.02	2.3%
NC_126	20	4435	0.93	0.90	0.13	0.91	0.92	0.88	0.87	0.91	0.91	0.52	0.51	0.44	0.92	0.01	1.0%
NC_127	20	4435	0.57	0.57	0.11	0.59	0.54	0.52	0.56	0.59	0.59	0.31	0.30	0.27	0.59	0.00	0.5%
NC_128	20	4434	1.05	1.03	0.16	1.03	1.03	0.98	1.03	1.02	1.06	0.54	0.54	0.47	1.06	0.03	2.6%
NC_129	60	4565	2.38	2.41	0.40	2.47	1.63	1.98	1.82	1.96	2.20	1.95	1.79	1.66	2.20	-0.27	-11.0%
NC_130	20	4435	0.55	0.55	0.10	0.56	0.52	0.50	0.54	0.56	0.57	0.28	0.28	0.24	0.57	0.01	1.8%
NC_131	60	4565	1.06	1.06	0.16	1.10	0.55	0.75	0.73	0.74	0.90	0.92	0.81	0.77	0.92	-0.18	-16.6%
NC_132	20	4435	0.47	0.47	0.09	0.49	0.44	0.42	0.45	0.49	0.49	0.25	0.25	0.22	0.49	0.00	-0.4%
NC_133	20	4436	1.51	1.46	0.20	1.46	1.54	1.46	1.43	1.45	1.55	0.87	0.85	0.74	1.55	0.09	5.8%
NC_134	20	4434	0.57	0.58	0.10	0.58	0.55	0.52	0.58	0.58	0.60	0.29	0.28	0.25	0.60	0.02	2.8%
NC_135	60	4565	0.78	0.78	0.12	0.81	0.40	0.54	0.53	0.53	0.66	0.68	0.59	0.57	0.68	-0.13	-15.9%
NC_136	15	4412	0.55	0.55	0.07	0.55	0.55	0.51	0.57	0.55	0.57	0.26	0.26	0.22	0.57	0.02	4.2%
NC_137	45	4536	0.33	0.32	0.05	0.33	0.28	0.31	0.25	0.35	0.33	0.23	0.23	0.20	0.35	0.02	4.5%
NC_138	20	4440	6.23	6.26	0.50	6.39	6.20	6.51	5.90	5.61	6.75	4.31	4.10	3.77	6.75	0.36	5.7%
NC_139	45	4541	0.60	0.57	0.09	0.58	0.39	0.50	0.46	0.50	0.55	0.49	0.46	0.42	0.55	-0.03	-5.9%
NC_140	20	4435	1.06	1.04	0.17	1.05	1.04	0.99	1.04	1.05	1.07	0.56	0.55	0.48	1.07	0.02	2.0%
NC_141	15	4410	0.58	0.58	0.07	0.58	0.58	0.53	0.60	0.56	0.59	0.26	0.26	0.23	0.60	0.02	2.8%
NC_142	10	4376	1.17	1.19	0.06	1.19	1.17	1.11	1.21	1.08	1.17	0.54	0.53	0.46	1.21	0.02	1.8%
NC_143	45	4536	0.34	0.33	0.06	0.34	0.29	0.32	0.26	0.36	0.34	0.24	0.23	0.21	0.36	0.02	5.3%
NC_144	20	4435	0.50	0.50	0.09	0.51	0.47	0.45	0.49	0.51	0.52	0.26	0.26	0.22	0.52	0.01	1.6%
NC_145	20	4435	0.49	0.48	0.09	0.52	0.45	0.45	0.42	0.52	0.49	0.30	0.29	0.26	0.52	0.00	0.0%
NC_146	20	4436	4.88	4.84	0.44	4.96	4.82	4.96	4.48	4.59	5.17	3.37	3.15	2.90	5.17	0.21	4.3%
NC_147	20	4434	1.23	1.21	0.18	1.24	1.22	1.17	1.24	1.19	1.25	0.62	0.62	0.54	1.25	0.01	0.4%
NC_148	20	4440	2.56	2.59	0.19	2.64	2.57	2.67	2.40	2.32	2.73	1.55	1.54	1.35	2.73	0.09	3.3%
NC_149	15	4412	0.62	0.61	0.07	0.61	0.60	0.56	0.63	0.61	0.64	0.30	0.29	0.25	0.64	0.03	4.6%
NC_150	15	4412	0.54	0.53	0.07	0.53	0.53	0.49	0.55	0.54	0.56	0.26	0.26	0.22	0.56	0.03	5.5%
NC_151	20	4435	1.07	1.03	0.16	1.04	1.08	1.02	1.03	1.04	1.10	0.59	0.58	0.50	1.10	0.06	5.9%
NC_152	90	4594	12.63	12.90	1.92	13.66	3.02	4.88	4.83	4.83	10.36	13.66	11.60	11.03	13.66	0.00	0.0%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_153	45	4536	0.36	0.34	0.05	0.35	0.28	0.33	0.27	0.35	0.35	0.26	0.25	0.23	0.35	0.00	0.3%
NC_154	30	4513	5.81	5.83	0.39	5.85	4.62	5.39	5.19	4.98	5.86	4.24	3.93	3.45	5.86	0.01	0.1%
NC_155	20	4434	1.82	1.77	0.25	1.80	1.85	1.75	1.80	1.72	1.88	0.97	0.95	0.83	1.88	0.08	4.3%
NC_156	60	4565	3.15	3.20	0.52	3.29	2.08	2.58	2.39	2.51	2.91	2.60	2.36	2.19	2.91	-0.38	-11.6%
NC_157	20	4436	2.34	2.31	0.27	2.33	2.47	2.33	2.29	2.12	2.43	1.29	1.27	1.11	2.47	0.14	5.9%
NC_158	90	4594	12.53	12.81	1.86	13.54	2.97	4.76	4.71	4.71	10.16	13.54	11.70	10.99	13.54	0.00	0.0%
NC_159	15	4410	0.60	0.60	0.07	0.60	0.60	0.55	0.62	0.58	0.62	0.28	0.27	0.24	0.62	0.02	3.0%
NC_160	20	4434	0.67	0.67	0.11	0.67	0.64	0.61	0.67	0.67	0.69	0.34	0.33	0.29	0.69	0.02	3.4%
NC_161	15	4412	0.54	0.53	0.07	0.53	0.53	0.50	0.55	0.54	0.57	0.26	0.26	0.23	0.57	0.03	6.6%
NC_162	20	4435	0.49	0.49	0.09	0.50	0.45	0.44	0.48	0.50	0.51	0.26	0.25	0.22	0.51	0.01	1.2%
NC_163	20	4434	0.56	0.56	0.10	0.56	0.54	0.51	0.57	0.56	0.58	0.27	0.27	0.24	0.58	0.02	3.6%
NC_164	20	4435	1.23	1.20	0.19	1.20	1.21	1.15	1.20	1.20	1.23	0.66	0.65	0.56	1.23	0.03	2.6%
NC_165	15	4412	0.56	0.55	0.07	0.55	0.55	0.51	0.57	0.55	0.58	0.26	0.26	0.22	0.58	0.03	5.3%
NC_166	20	4434	0.63	0.63	0.10	0.63	0.61	0.58	0.63	0.62	0.65	0.31	0.30	0.26	0.65	0.02	2.9%
NC_167	20	4440	5.77	5.79	0.47	5.93	5.74	5.94	5.40	5.33	6.19	3.96	3.71	3.40	6.19	0.26	4.4%
NC_168	20	4440	9.28	9.33	0.66	9.50	9.11	9.69	8.78	8.37	10.01	6.28	6.01	5.47	10.01	0.51	5.3%
NC_169	15	4412	0.94	0.92	0.11	0.92	0.92	0.87	0.96	0.93	0.97	0.47	0.46	0.40	0.97	0.04	4.9%
NC_170	20	4435	0.60	0.60	0.11	0.62	0.56	0.54	0.58	0.62	0.62	0.32	0.32	0.28	0.62	-0.01	-0.8%
NC_171	60	4565	4.78	4.82	0.76	4.98	3.10	3.83	3.57	3.71	4.34	4.01	3.60	3.35	4.34	-0.64	-12.9%
NC_172	20	4440	7.14	7.17	0.62	7.35	7.19	7.44	6.79	6.39	7.80	4.67	4.56	4.02	7.80	0.45	6.1%
NC_173	20	4435	0.97	0.94	0.16	0.97	0.95	0.89	0.92	0.97	0.97	0.54	0.53	0.46	0.97	0.00	0.2%
NC_174	20	4436	1.91	1.89	0.21	1.94	1.96	1.94	1.77	1.75	2.02	1.14	1.13	0.98	2.02	0.08	4.1%
NC_175	20	4436	1.71	1.64	0.23	1.65	1.75	1.65	1.64	1.62	1.73	0.95	0.93	0.81	1.75	0.10	6.1%
NC_176	60	4568	2.63	2.67	0.16	2.70	1.38	1.74	1.72	1.71	2.42	2.77	2.45	2.56	2.77	0.07	2.5%
NC_177	15	4410	0.64	0.63	0.07	0.63	0.63	0.58	0.65	0.61	0.65	0.29	0.28	0.25	0.65	0.02	3.7%
NC_178	20	4434	1.05	1.04	0.15	1.07	1.03	1.00	1.07	1.01	1.07	0.52	0.52	0.45	1.07	0.00	-0.3%
NC_179	60	4565	1.39	1.39	0.22	1.45	0.91	1.10	1.02	1.09	1.19	1.20	1.07	1.01	1.20	-0.25	-17.5%
NC_180	20	4434	0.62	0.62	0.10	0.63	0.60	0.57	0.63	0.62	0.64	0.30	0.30	0.26	0.64	0.01	1.4%
NC_181	180	4658	2.76	2.74	0.33	2.77	1.32	1.66	1.65	1.64	2.42	2.78	2.72	2.67	2.78	0.01	0.5%
NC_182	20	4435	0.70	0.70	0.12	0.71	0.66	0.63	0.68	0.71	0.72	0.38	0.37	0.32	0.72	0.01	0.8%
NC_183	15	4412	0.56	0.55	0.07	0.55	0.55	0.51	0.57	0.55	0.58	0.26	0.26	0.23	0.58	0.03	4.9%
NC_184	20	4434	0.58	0.58	0.10	0.58	0.56	0.53	0.58	0.58	0.60	0.29	0.28	0.25	0.60	0.02	3.1%
NC_185	20	4435	1.00	0.98	0.16	0.99	0.98	0.93	0.97	0.99	1.01	0.54	0.53	0.46	1.01	0.02	1.6%
NC_186	45	4536	0.38	0.36	0.05	0.37	0.29	0.34	0.29	0.37	0.37	0.28	0.27	0.24	0.37	0.00	-0.3%
NC_187	15	4412	0.57	0.56	0.07	0.56	0.56	0.52	0.58	0.56	0.59	0.27	0.26	0.23	0.59	0.02	4.5%
NC_188	20	4434	1.29	1.27	0.18	1.31	1.27	1.23	1.31	1.23	1.30	0.64	0.63	0.55	1.31	0.00	0.3%
NC_189	20	4435	0.35	0.35	0.06	0.37	0.30	0.33	0.26	0.37	0.35	0.24	0.23	0.21	0.37	0.00	0.8%
NC_190	45	4540	5.82	5.72	0.33	5.74	4.13	4.95	4.93	4.96	5.58	4.72	4.13	3.69	5.58	-0.16	-2.9%
NC_191	15	4412	0.65	0.64	0.08	0.64	0.64	0.60	0.66	0.65	0.67	0.32	0.31	0.27	0.67	0.03	5.3%
NC_192	20	4440	10.08	10.16	0.69	10.32	9.83	10.54	9.55	9.11	10.84	6.81	6.53	5.93	10.84	0.52	5.1%
NC_193	180	4667	12.14	12.38	0.78	12.52	5.94	7.02	7.00	6.96	9.48	11.25	12.68	12.21	12.68	0.16	1.3%
NC_194	60	4565	1.04	1.04	0.16	1.08	0.59	0.76	0.73	0.75	0.88	0.90	0.79	0.76	0.90	-0.18	-16.4%
NC_195	20	4435	0.65	0.65	0.12	0.67	0.61	0.58	0.62	0.67	0.67	0.36	0.36	0.31	0.67	0.00	0.3%
NC_196	45	4478	0.64	0.62	0.09	0.62	0.47	0.58	0.52	0.56	0.62	0.49	0.47	0.42	0.62	0.00	0.2%
NC_197	20	4435	0.42	0.42	0.08	0.45	0.38	0.39	0.34	0.45	0.41	0.27	0.26	0.23	0.45	0.00	-0.2%
NC_198	15	4412	0.56	0.55	0.07	0.55	0.55	0.51	0.57	0.55	0.58	0.27	0.26	0.23	0.58	0.03	5.1%
NC_199	20	4434	1.37	1.34	0.19	1.36	1.38	1.31	1.36	1.29	1.39	0.71	0.70	0.60	1.39	0.03	2.4%
NC_200	20	4434	2.26	2.19	0.31	2.19	2.32	2.18	2.19	2.14	2.29	1.22	1.21	1.05	2.32	0.13	5.9%
NC_201	45	4536	0.50	0.48	0.07	0.48	0.37	0.44	0.38	0.47	0.48	0.39	0.36	0.33	0.48	0.00	0.0%
NC_202	20	4435	1.37	1.32	0.19	1.32	1.39	1.32	1.28	1.32	1.40	0.79	0.78	0.68	1.40	0.08	5.9%
NC_203	20	4435	0.98	0.96	0.12	0.97	0.96	0.96	0.84	0.97	0.99	0.60	0.59	0.52	0.99	0.02	2.1%
NC_204	45	4536	0.37	0.35	0.06	0.36	0.29	0.34	0.28	0.37	0.36	0.27	0.26	0.23	0.37	0.01	2.5%
NC_205	20	4440	6.01	6.02	0.46	6.15	5.95	6.23	5.70	5.49	6.49	4.17	3.90	3.57	6.49	0.34	5.4%
NC_206	45	4536	0.69	0.66	0.10	0.66	0.47	0.60	0.54	0.60	0.66	0.53	0.51	0.46	0.66	0.00	0.6%
NC_207	20	4436	2.62	2.57	0.31	2.61	2.74	2.61	2.54	2.39	2.71	1.46	1.45	1.26	2.74	0.13	5.1%
NC_208	20	4434	0.53	0.54	0.09	0.54	0.52	0.49	0.54	0.54	0.56	0.26	0.26	0.22	0.56	0.02	2.8%
NC_209	45	4536	0.32	0.30	0.05	0.32	0.25	0.29	0.24	0.32	0.32	0.23	0.22	0.20	0.32	0.00	-1.3%
NC_210	20	4440	10.70	10.78	0.68	10.93	10.35	11.20	10.23	9.64	11.51	7.30	6.98	6.31	11.51	0.58	5.3%
NC_211	20	4435	0.62	0.63	0.11	0.63	0.60	0.57	0.63	0.63	0.65	0.32	0.31	0.27	0.65	0.02	2.7%
NC_212	45	4536	0.32	0.30	0.05	0.31	0.25	0.29	0.24	0.32	0.31	0.23	0.22	0.20	0.32	0.01	1.6%
NC_213	30	4513	7.92	7.95	0.34	7.97	5.79	6.94	6.81	6.53	7.81	6.12	5.51	4.90	7.81	-0.16	-2.1%
NC_214	60	4565	0.70	0.70	0.10	0.72	0.44	0.53	0.50	0.51	0.61	0.62	0.54	0.51	0.62	-0.10	-13.6%
NC_215	60	4573	4.49	4.43	0.21	4.46	3.38	3.87	3.85	3.77	4.47	4.28	4.01	3.34	4.47	0.01	0.3%
NC_216	45	4536	0.33	0.32	0.05	0.33	0.28	0.31	0.25	0.35	0.33	0.24	0.23	0.20	0.35	0.02	6.1%
NC_217	60	4565	0.55	0.55	0.10	0.57	0.34	0.44	0.41	0.45	0.49	0.45	0.42	0.39	0.49	-0.08	-14.4%
NC_218	60	4475	5.71	5.72	0.50	5.76	3.14	3.71	3.59	3.65	5.60	5.42	4.30	4.35	5.60	-0.16	-2.7%
NC_219	45	4541	0.84	0.79	0.13	0.80	0.56	0.70	0.63	0.72	0.77	0.67	0.63	0.58	0.77	-0.03	-3.6%
NC_220	20	4436	1.96	1.90	0.23	1.95	2.02	1.95	1.82	1.83	2.03	1.15	1.13	0.99	2.03	0.08	3.8%
NC_221	20	4435	0.53	0.53	0.10	0.54	0.49	0.48	0.52	0.54	0.55	0.27	0.27	0.23	0.55	0.01	1.3%
NC_222	20	4435	0.50	0.50	0.09	0.52	0.47	0.45	0.48	0.52	0.52	0.27	0.26	0.23	0.52	0.00	-0.4%
NC_223	15	4412	0.67	0.66	0.08	0.66	0.66	0.62	0.69	0.67	0.70	0.33	0.33	0.28	0.70	0.04	5.8%
NC_224	20	4435	0.54	0.55	0.10	0.55	0.51	0.50	0.54	0.55	0.57	0.28	0.27	0.24	0.57	0.01	2.7%
NC_225	30	4509	5.67	5.72	0.27	5.76	4.28	5.07	4.94	4.69	5.82	4.35	3.95	3.32	5.82	0.06	1.0%
NC_226	20	4436	3.00	2.99	0.30	3.08	3.15	3.08	2.90	2.68	3.18	1.72	1.71	1.48	3.18	0.10	3.1%
NC_227	120	4628	2.89	2.88	0.21	2.92	1.56	1.67	1.66	1.65	2.43	2.92	2.86	2.89	2.92	0.00	0.1%
NC_228	20	4435	0.47	0.46	0.09	0.50	0.44	0.42	0.43	0.50	0.48	0.27	0.27	0.23	0.50	0.00	-0.6%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_229	180	4663	12.07	12.15	0.50	12.27	5.84	6.83	6.81	6.78	9.30	11.00	12.59	11.98	12.59	0.32	2.6%
NC_230	45	4536	0.36	0.34	0.06	0.36	0.30	0.33	0.27	0.38	0.36	0.25	0.24	0.22	0.38	0.02	4.4%
NC_231	20	4435	0.95	0.93	0.13	0.96	0.90	0.91	0.84	0.96	0.94	0.65	0.62	0.56	0.96	0.00	0.1%
NC_232	30	4509	10.93	10.95	1.29	11.06	10.45	11.36	10.51	9.78	11.72	7.50	7.14	6.41	11.72	0.66	6.0%
NC_233	45	4536	0.34	0.32	0.05	0.33	0.28	0.31	0.26	0.35	0.33	0.24	0.23	0.21	0.35	0.02	5.8%
NC_234	45	4540	8.41	8.19	0.61	8.23	6.02	7.27	7.16	6.93	8.26	6.64	5.94	5.25	8.26	0.03	0.3%
NC_235	20	4434	0.57	0.58	0.10	0.59	0.56	0.53	0.59	0.58	0.60	0.28	0.28	0.24	0.60	0.01	1.4%
NC_236	45	4478	1.08	1.03	0.16	1.04	0.66	0.87	0.82	0.87	1.00	0.86	0.80	0.73	1.00	-0.04	-3.5%
NC_237	60	4572	5.89	5.91	0.47	5.93	3.21	3.84	3.74	3.78	5.71	5.63	4.50	4.53	5.71	-0.22	-3.7%
NC_238	30	4509	27.46	27.67	1.20	27.80	20.86	24.54	24.03	22.88	28.21	21.35	19.32	16.40	28.21	0.41	1.5%
NC_239	60	4565	7.62	7.82	1.44	8.16	2.57	4.49	4.40	4.32	6.51	6.25	5.11	5.14	6.51	-1.65	-20.2%
NC_240	45	4541	8.81	8.71	0.33	8.72	5.44	6.71	6.64	6.45	8.70	7.61	6.52	5.74	8.70	-0.02	-0.2%
NC_241	20	4435	0.52	0.52	0.09	0.55	0.47	0.48	0.42	0.55	0.51	0.34	0.33	0.29	0.55	0.00	0.7%
NC_242	45	4536	0.38	0.36	0.06	0.38	0.32	0.35	0.29	0.40	0.38	0.27	0.26	0.23	0.40	0.02	4.2%
NC_243	45	4536	2.19	2.16	0.26	2.19	2.00	2.09	1.80	2.04	2.19	1.78	1.60	1.53	2.19	0.00	0.1%
NC_244	30	4509	28.01	28.24	1.38	28.41	21.82	25.47	24.84	23.47	28.53	21.20	19.23	16.47	28.53	0.12	0.4%
NC_245	60	4565	1.85	1.88	0.30	1.94	1.00	1.35	1.29	1.33	1.64	1.56	1.40	1.30	1.64	-0.30	-15.5%
NC_246	15	4410	0.61	0.61	0.07	0.61	0.61	0.56	0.63	0.60	0.63	0.28	0.28	0.24	0.63	0.02	3.3%
NC_247	20	4435	0.53	0.54	0.10	0.55	0.50	0.48	0.53	0.55	0.55	0.28	0.28	0.24	0.55	0.00	0.7%
NC_248	60	4568	0.85	0.87	0.10	0.87	0.47	0.60	0.58	0.57	0.76	0.81	0.66	0.64	0.81	-0.06	-7.0%
NC_249	45	4541	1.28	1.21	0.18	1.22	0.96	1.10	1.01	1.07	1.17	1.03	0.96	0.88	1.17	-0.05	-3.9%
NC_250	45	4536	0.32	0.30	0.05	0.32	0.25	0.29	0.24	0.32	0.32	0.23	0.22	0.20	0.32	0.00	-1.3%
NC_251	45	4536	0.32	0.30	0.05	0.31	0.25	0.29	0.24	0.31	0.31	0.23	0.22	0.20	0.31	0.00	1.3%
NC_252	60	4572	5.98	6.03	0.44	6.06	3.24	3.90	3.82	3.83	5.76	5.76	4.63	4.66	5.76	-0.30	-5.0%
NC_253	45	4540	1.49	1.47	0.17	1.47	1.18	1.30	1.20	1.29	1.36	1.28	1.13	1.08	1.36	-0.11	-7.8%
NC_254	45	4536	0.31	0.30	0.05	0.31	0.25	0.29	0.24	0.31	0.31	0.23	0.22	0.20	0.31	0.00	1.0%
NC_255	45	4539	0.55	0.53	0.08	0.53	0.39	0.48	0.42	0.51	0.52	0.44	0.41	0.38	0.52	-0.01	-1.1%
NC_256	45	4536	0.34	0.32	0.05	0.34	0.28	0.31	0.26	0.35	0.34	0.24	0.23	0.21	0.35	0.01	2.1%
NC_257	45	4536	0.66	0.63	0.10	0.65	0.48	0.59	0.52	0.59	0.65	0.50	0.48	0.43	0.65	-0.01	-0.8%
NC_258	60	4572	5.17	5.19	0.13	5.21	3.34	3.84	3.82	3.75	4.80	5.30	4.78	4.21	5.30	0.09	1.7%
NC_259	45	4536	0.38	0.36	0.06	0.38	0.32	0.35	0.29	0.40	0.38	0.27	0.26	0.23	0.40	0.02	3.9%
NC_260	60	4565	18.75	19.44	3.45	20.00	13.05	14.44	13.60	12.64	16.83	15.10	12.85	12.53	16.83	-3.17	-15.8%
NC_261	15	4410	0.60	0.60	0.07	0.60	0.60	0.54	0.62	0.57	0.61	0.26	0.26	0.23	0.62	0.02	2.7%
NC_262	20	4440	4.56	4.57	0.44	4.70	4.68	4.73	4.39	4.08	4.93	2.74	2.71	2.38	4.93	0.23	4.8%
NC_263	180	4662	141.61	141.51	4.45	143.62	51.68	64.46	64.24	63.89	100.90	123.57	143.85	138.32	143.85	0.23	0.2%
NC_264	45	4536	0.32	0.31	0.05	0.32	0.26	0.30	0.25	0.32	0.32	0.23	0.23	0.20	0.32	0.00	1.3%
NC_265	20	4434	0.79	0.79	0.13	0.80	0.76	0.73	0.80	0.79	0.82	0.40	0.39	0.34	0.82	0.01	1.9%
NC_266	20	4436	1.28	1.26	0.14	1.27	1.25	1.27	1.10	1.25	1.32	0.80	0.79	0.69	1.32	0.05	3.6%
NC_267	60	4565	0.65	0.65	0.11	0.67	0.39	0.51	0.47	0.51	0.56	0.54	0.49	0.46	0.56	-0.11	-16.6%
NC_268	180	4659	19.33	19.03	2.95	19.30	6.00	7.48	7.40	7.29	13.11	18.57	19.30	17.57	19.30	0.00	0.0%
NC_269	60	4565	0.55	0.55	0.10	0.57	0.34	0.44	0.41	0.44	0.49	0.45	0.42	0.38	0.49	-0.08	-14.2%
NC_270	45	4478	1.63	1.59	0.15	1.60	1.18	1.43	1.38	1.35	1.62	1.26	1.15	1.02	1.62	0.01	0.9%
NC_271	90	4595	5.33	5.36	0.21	5.38	3.29	3.78	3.76	3.71	4.78	5.62	5.08	4.57	5.62	0.24	4.4%
NC_272	180	4667	12.25	12.23	0.37	12.29	5.83	6.81	6.79	6.76	9.28	11.00	12.67	11.99	12.67	0.38	3.1%
NC_273	60	4565	0.63	0.63	0.11	0.65	0.36	0.48	0.45	0.48	0.54	0.53	0.48	0.45	0.54	-0.11	-16.6%
NC_274	60	4565	6.52	6.75	0.43	6.78	3.56	4.34	4.27	4.25	6.10	6.40	5.07	5.22	6.40	-0.38	-5.5%
NC_275	60	4565	18.84	19.52	3.42	20.07	13.11	14.56	13.77	12.77	16.91	15.29	12.94	12.67	16.91	-3.16	-15.7%
NC_276	20	4435	0.47	0.47	0.09	0.49	0.44	0.42	0.45	0.49	0.48	0.25	0.25	0.22	0.49	0.00	-0.6%
NC_277	45	4541	1.74	1.69	0.10	1.70	1.09	1.36	1.33	1.31	1.69	1.48	1.28	1.13	1.69	-0.01	-0.8%
NC_278	20	4435	0.47	0.46	0.09	0.49	0.43	0.42	0.43	0.49	0.48	0.27	0.26	0.23	0.49	0.00	0.4%
NC_279	60	4565	20.07	20.77	3.32	21.29	14.38	16.25	15.52	14.49	18.14	16.89	13.89	13.83	18.14	-3.16	-14.8%
NC_280	180	4662	141.61	141.51	4.46	143.61	51.70	64.49	64.27	63.92	100.93	123.60	143.84	138.35	143.84	0.23	0.2%
NC_281	20	4435	0.47	0.46	0.09	0.49	0.43	0.41	0.44	0.49	0.48	0.25	0.25	0.22	0.49	-0.01	-1.0%
NC_282	45	4536	0.37	0.35	0.05	0.36	0.28	0.33	0.28	0.36	0.36	0.28	0.26	0.24	0.36	0.00	0.3%
NC_283	20	4435	0.88	0.86	0.14	0.87	0.86	0.82	0.85	0.87	0.89	0.47	0.46	0.40	0.89	0.02	2.1%
NC_284	60	4568	1.62	1.66	0.19	1.67	0.80	1.06	1.04	1.04	1.45	1.56	1.26	1.23	1.56	-0.11	-6.3%
NC_285	45	4542	28.21	27.67	1.51	27.83	20.67	24.49	24.02	23.01	28.93	22.24	20.09	16.85	28.93	1.10	4.0%
NC_286	45	4536	0.32	0.30	0.05	0.31	0.25	0.29	0.24	0.31	0.31	0.23	0.22	0.20	0.31	0.00	1.3%
NC_287	180	4662	141.80	141.67	4.36	143.75	51.65	64.43	64.21	63.86	100.86	123.56	144.01	138.69	144.01	0.26	0.2%
NC_288	20	4435	0.80	0.80	0.13	0.80	0.75	0.73	0.79	0.80	0.82	0.42	0.41	0.36	0.82	0.02	2.5%
NC_289	20	4440	3.33	3.34	0.27	3.42	3.29	3.45	3.14	3.01	3.59	2.10	2.06	1.81	3.59	0.17	4.9%
NC_290	20	4435	0.53	0.53	0.09	0.53	0.51	0.48	0.53	0.53	0.55	0.26	0.26	0.23	0.55	0.02	4.0%
NC_291	20	4435	0.61	0.62	0.11	0.63	0.58	0.56	0.60	0.63	0.64	0.33	0.32	0.28	0.64	0.01	0.8%
NC_292	60	4565	0.74	0.74	0.13	0.76	0.49	0.61	0.54	0.64	0.66	0.62	0.57	0.53	0.66	-0.10	-13.3%
NC_293	45	4536	10.33	10.23	0.36	10.25	6.18	7.67	7.58	7.44	10.25	9.14	7.88	6.79	10.25	0.00	0.0%
NC_294	60	4569	3.30	3.41	0.37	3.43	1.56	2.08	2.04	2.04	3.05	3.26	2.64	2.48	3.26	-0.17	-4.9%
NC_295	20	4435	0.55	0.55	0.10	0.56	0.51	0.49	0.53	0.56	0.57	0.29	0.28	0.25	0.57	0.00	0.9%
NC_296	20	4435	0.53	0.53	0.10	0.54	0.50	0.48	0.52	0.54	0.55	0.27	0.27	0.23	0.55	0.01	1.7%
NC_297	20	4435	0.80	0.78	0.11	0.79	0.78	0.78	0.68	0.79	0.83	0.50	0.49	0.43	0.83	0.03	4.4%
NC_298	30	4509	3.32	3.33	0.31	3.35	2.93	3.26	3.15	2.84	3.47	2.25	2.15	1.87	3.47	0.12	3.7%
NC_299	45	4540	41.37	40.87	1.80	40.93	26.58	32.42	31.90	31.12	41.10	35.95	31.34	26.83	41.10	0.17	0.4%
NC_300	20	4435	0.59	0.60	0.10	0.60	0.57	0.54	0.60	0.60	0.62	0.30	0.29	0.26	0.62	0.02	2.7%
NC_301	20	4435	1.09	1.08	0.18	1.09	1.06	1.00	1.08	1.09	1.13	0.55	0.54	0.47	1.13	0.04	3.3%
NC_302	180	4662	141.65	141.53	4.47	143.61	51.79	64.60	64.38	64.03	101.07	123.71	143.86	138.35	143.86	0.25	0.2%
NC_303	30	4513	1.83	1.82	0.22	1.82	1.67	1.86	1.66	1.69	1.93	1.27	1.23	1.09	1.93	0.11	5.9%
NC_304	60	4565	1.23	1.25	0.17	1.28	0.68	0.88	0.85	0.85	1.07	1.11	0.95	0.90	1.11	-0.17	-13.4%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_305	20	4435	0.48	0.48	0.09	0.50	0.45	0.43	0.46	0.50	0.50	0.26	0.26	0.23	0.50	0.00	0.6%
NC_306	60	4565	3.91	4.01	0.36	4.06	1.72	2.30	2.27	2.26	3.62	4.02	3.27	3.05	4.02	-0.04	-1.0%
NC_307	60	4565	1.10	1.10	0.18	1.15	0.70	0.87	0.82	0.86	0.96	0.92	0.84	0.78	0.96	-0.19	-16.9%
NC_308	60	4572	14.22	14.50	1.21	14.77	7.42	9.44	9.36	9.34	13.72	13.43	11.29	9.84	13.72	-1.06	-7.1%
NC_309	60	4565	0.91	0.91	0.16	0.94	0.54	0.72	0.67	0.72	0.80	0.75	0.69	0.65	0.80	-0.14	-15.2%
NC_310	90	4590	6.31	6.30	0.33	6.34	3.91	4.48	4.32	4.25	5.30	6.63	5.81	5.58	6.63	0.29	4.5%
NC_311	20	4440	1.69	1.71	0.13	1.75	1.66	1.76	1.56	1.55	1.81	1.07	1.05	0.92	1.81	0.06	3.7%
NC_312	20	4434	1.00	0.98	0.16	0.99	0.98	0.94	0.99	0.98	1.01	0.52	0.51	0.45	1.01	0.02	2.1%
NC_313	45	4540	10.27	10.18	0.34	10.20	6.08	7.56	7.47	7.34	10.21	9.19	7.95	6.78	10.21	0.01	0.1%
NC_314	45	4536	0.46	0.44	0.07	0.45	0.38	0.43	0.35	0.47	0.45	0.34	0.33	0.29	0.47	0.02	4.9%
NC_315	20	4434	1.63	1.57	0.23	1.58	1.66	1.57	1.58	1.56	1.68	0.89	0.88	0.77	1.68	0.10	6.3%
NC_316	60	4565	4.24	4.31	0.34	4.37	1.80	2.41	2.38	2.38	3.93	4.43	3.58	3.41	4.43	0.06	1.4%
NC_317	20	4435	0.52	0.52	0.09	0.53	0.49	0.47	0.51	0.53	0.54	0.26	0.26	0.23	0.54	0.01	1.3%
NC_318	180	4659	133.48	134.11	8.28	135.98	51.27	63.90	63.67	63.30	99.70	121.50	135.98	128.65	135.98	0.00	0.0%
NC_319	15	4412	0.56	0.55	0.07	0.56	0.55	0.52	0.58	0.56	0.58	0.27	0.26	0.23	0.58	0.02	4.1%
NC_320	60	4565	4.38	4.47	0.32	4.51	1.83	2.45	2.43	2.42	4.06	4.61	3.73	3.56	4.61	0.10	2.3%
NC_321	20	4434	0.62	0.62	0.11	0.62	0.59	0.57	0.62	0.62	0.64	0.31	0.30	0.26	0.64	0.02	3.2%
NC_322	45	4536	0.33	0.32	0.05	0.33	0.28	0.31	0.25	0.35	0.33	0.24	0.23	0.20	0.35	0.02	6.4%
NC_323	20	4435	1.18	1.17	0.20	1.20	1.12	1.07	1.13	1.20	1.19	0.70	0.67	0.60	1.20	0.00	0.2%
NC_324	60	4568	7.26	7.25	0.82	7.43	3.60	4.66	4.45	4.62	6.52	7.42	5.69	5.88	7.42	-0.01	-0.1%
NC_325	180	4659	17.27	17.63	0.92	17.63	7.89	9.26	9.24	9.21	12.70	15.55	17.63	17.70	17.70	0.07	0.4%
NC_326	60	4568	7.43	7.52	0.74	7.66	3.42	4.51	4.40	4.44	6.65	7.70	6.00	6.04	7.70	0.04	0.5%
NC_327	45	4478	0.56	0.54	0.08	0.54	0.40	0.48	0.42	0.51	0.52	0.45	0.42	0.38	0.52	-0.02	-3.7%
NC_328	20	4435	0.51	0.50	0.09	0.51	0.48	0.46	0.49	0.51	0.52	0.26	0.26	0.22	0.52	0.01	2.5%
NC_329	20	4435	0.59	0.59	0.10	0.60	0.55	0.54	0.58	0.60	0.61	0.30	0.30	0.26	0.61	0.01	1.7%
NC_330	20	4435	0.51	0.51	0.09	0.52	0.48	0.46	0.51	0.52	0.53	0.26	0.26	0.22	0.53	0.01	2.1%
NC_331	60	4573	10.88	11.00	0.95	11.16	6.27	7.82	7.74	7.62	10.79	9.87	8.58	7.21	10.79	-0.37	-3.3%
NC_332	20	4435	1.67	1.61	0.24	1.63	1.67	1.58	1.58	1.63	1.69	0.99	0.96	0.85	1.69	0.06	3.4%
NC_333	30	4509	3.97	3.97	0.41	3.98	3.50	3.94	3.67	3.52	4.15	2.74	2.63	2.32	4.15	0.17	4.3%
NC_334	20	4435	0.53	0.53	0.10	0.55	0.50	0.48	0.52	0.55	0.55	0.28	0.28	0.24	0.55	0.00	-0.2%
NC_335	45	4536	0.32	0.30	0.05	0.31	0.25	0.29	0.24	0.31	0.31	0.23	0.22	0.20	0.31	0.00	1.3%
NC_336	45	4536	0.32	0.31	0.05	0.32	0.25	0.30	0.25	0.32	0.32	0.23	0.23	0.20	0.32	0.00	-0.3%
NC_337	20	4434	0.68	0.68	0.11	0.68	0.65	0.62	0.68	0.68	0.70	0.34	0.33	0.29	0.70	0.02	2.9%
NC_338	45	4536	0.36	0.35	0.05	0.36	0.28	0.33	0.28	0.36	0.36	0.27	0.26	0.23	0.36	0.00	-0.3%
NC_339	20	4436	1.09	1.08	0.12	1.11	1.12	1.11	1.03	1.01	1.16	0.65	0.65	0.56	1.16	0.05	4.8%
NC_340	20	4435	0.39	0.38	0.07	0.41	0.34	0.35	0.30	0.41	0.37	0.24	0.24	0.21	0.41	0.00	0.0%
NC_341	180	4659	17.32	17.70	0.88	17.71	7.87	9.24	9.23	9.19	12.69	15.49	17.71	17.64	17.71	0.00	0.0%
NC_342	20	4436	3.06	2.95	0.39	2.99	3.16	2.99	2.91	2.89	3.15	1.75	1.72	1.51	3.16	0.17	5.5%
NC_343	45	4536	0.75	0.72	0.11	0.74	0.56	0.67	0.58	0.68	0.74	0.56	0.54	0.48	0.74	-0.01	-0.7%
NC_344	20	4435	1.03	1.01	0.17	1.02	1.02	0.96	1.00	1.02	1.04	0.56	0.55	0.48	1.04	0.02	2.1%
NC_345	45	4536	0.32	0.30	0.05	0.31	0.25	0.29	0.24	0.31	0.31	0.23	0.22	0.20	0.31	0.00	1.0%
NC_346	20	4436	2.94	2.84	0.40	2.86	3.02	2.86	2.82	2.76	3.05	1.66	1.63	1.42	3.05	0.19	6.5%
NC_347	15	4412	0.55	0.54	0.07	0.54	0.54	0.50	0.56	0.55	0.57	0.27	0.26	0.23	0.57	0.03	5.9%
NC_348	60	4565	0.58	0.58	0.10	0.60	0.34	0.45	0.42	0.45	0.50	0.47	0.44	0.40	0.50	-0.10	-16.0%
NC_349	60	4565	0.81	0.81	0.13	0.84	0.48	0.61	0.57	0.62	0.68	0.71	0.63	0.60	0.71	-0.13	-15.1%
NC_350	60	4568	7.75	7.89	0.70	8.00	3.50	4.61	4.52	4.51	6.93	8.13	6.43	6.35	8.13	0.13	1.6%
NC_351	45	4541	0.54	0.51	0.08	0.52	0.36	0.45	0.41	0.47	0.49	0.44	0.41	0.38	0.49	-0.03	-5.8%
NC_352	60	4565	0.98	0.99	0.14	1.00	0.54	0.68	0.65	0.69	0.85	0.92	0.75	0.76	0.92	-0.08	-8.0%
NC_353	20	4435	0.97	0.95	0.13	0.96	0.94	0.93	0.86	0.96	0.96	0.58	0.57	0.50	0.96	0.00	0.2%
NC_354	60	4572	14.13	14.42	1.22	14.69	7.41	9.42	9.35	9.32	13.65	13.32	11.16	9.78	13.65	-1.04	-7.1%
NC_355	180	4659	133.47	134.09	8.29	135.98	51.27	63.90	63.68	63.31	99.71	121.50	135.98	128.67	135.98	0.00	0.0%
NC_356	90	4593	8.21	8.36	0.91	8.66	3.52	4.18	4.11	4.06	6.90	8.76	7.17	7.38	8.76	0.10	1.2%
NC_357	15	4412	0.60	0.59	0.07	0.59	0.59	0.55	0.61	0.59	0.62	0.29	0.28	0.25	0.62	0.03	5.3%
NC_358	60	4565	4.07	4.17	0.63	4.25	2.19	2.95	2.82	2.91	3.64	3.51	3.10	2.81	3.64	-0.61	-14.3%
NC_359	20	4435	1.04	1.00	0.16	1.00	1.04	0.99	1.00	1.00	1.07	0.57	0.56	0.49	1.07	0.07	6.8%
NC_360	45	4478	0.78	0.74	0.12	0.75	0.52	0.67	0.60	0.67	0.74	0.61	0.58	0.53	0.74	-0.01	-1.5%
NC_361	45	4536	1.15	1.11	0.16	1.12	0.94	1.06	0.93	1.05	1.12	0.91	0.85	0.78	1.12	0.00	-0.3%
NC_362	180	4659	133.45	134.06	8.31	135.96	51.28	63.91	63.68	63.31	99.72	121.52	135.96	128.69	135.96	0.00	0.0%
NC_363	45	4536	0.36	0.34	0.06	0.36	0.29	0.33	0.28	0.37	0.36	0.26	0.25	0.23	0.37	0.01	1.9%
NC_364	20	4435	0.52	0.53	0.09	0.53	0.50	0.48	0.52	0.53	0.54	0.26	0.26	0.23	0.54	0.01	2.6%
NC_365	60	4565	0.82	0.82	0.12	0.85	0.40	0.55	0.54	0.54	0.69	0.74	0.63	0.61	0.74	-0.11	-13.4%
NC_366	20	4435	0.77	0.77	0.13	0.78	0.73	0.70	0.76	0.78	0.79	0.41	0.40	0.35	0.79	0.01	1.7%
NC_367	60	4565	0.62	0.62	0.11	0.65	0.37	0.49	0.46	0.49	0.55	0.51	0.47	0.44	0.55	-0.10	-15.8%
NC_368	60	4565	4.12	4.22	0.71	4.30	2.51	3.29	3.05	3.25	3.84	3.36	3.07	2.78	3.84	-0.46	-10.8%
NC_369	45	4536	0.34	0.33	0.05	0.34	0.27	0.32	0.26	0.34	0.34	0.25	0.24	0.22	0.34	0.00	1.2%
NC_370	20	4435	0.52	0.53	0.09	0.54	0.49	0.47	0.52	0.54	0.54	0.27	0.27	0.23	0.54	0.00	0.6%
NC_371	45	4539	1.78	1.71	0.26	1.72	1.19	1.52	1.37	1.51	1.70	1.39	1.30	1.18	1.70	-0.02	-1.0%
NC_372	180	4659	133.44	134.05	8.32	135.97	51.29	63.92	63.70	63.32	99.73	121.52	135.97	128.69	135.97	0.00	0.0%
NC_373	20	4434	0.54	0.54	0.09	0.55	0.52	0.49	0.55	0.54	0.56	0.26	0.26	0.23	0.56	0.01	1.8%
NC_374	45	4541	0.70	0.67	0.10	0.67	0.49	0.60	0.53	0.63	0.66	0.58	0.53	0.50	0.66	-0.02	-2.2%
NC_375	60	4568	4.66	4.79	0.47	4.83	2.39	3.08	3.02	2.99	4.27	4.87	3.92	4.24	4.87	0.04	0.9%
NC_376	20	4435	0.60	0.60	0.10	0.60	0.57	0.55	0.60	0.60	0.62	0.30	0.30	0.26	0.62	0.02	3.3%
NC_377	60	4568	8.83	8.99	0.81	9.10	4.16	5.39	5.29	5.22	7.91	9.27	7.29	7.29	9.27	0.17	1.9%
NC_378	20	4435	0.36	0.36	0.06	0.38	0.31	0.33	0.27	0.38	0.36	0.25	0.24	0.21	0.38	0.00	-0.3%
NC_379	15	4412	0.63	0.62	0.07	0.62	0.62	0.58	0.64	0.62	0.65	0.30	0.29	0.25	0.65	0.03	4.7%
NC_380	60	4565	3.89	3.98	0.68	4.06	2.42	3.15	2.90	3.12	3.63	3.15	2.89	2.65	3.63	-0.43	-10.7%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_381	90	4593	8.34	8.49	0.91	8.82	3.59	4.32	4.27	4.08	6.93	8.90	7.34	7.53	8.90	0.08	0.9%
NC_382	20	4435	0.47	0.46	0.09	0.49	0.44	0.42	0.44	0.49	0.48	0.26	0.25	0.22	0.49	0.00	-0.4%
NC_383	45	4536	0.88	0.85	0.13	0.89	0.76	0.84	0.69	0.89	0.89	0.64	0.62	0.55	0.89	0.00	0.4%
NC_384	45	4536	0.42	0.40	0.06	0.41	0.33	0.38	0.32	0.42	0.41	0.32	0.30	0.27	0.42	0.01	1.2%
NC_385	180	4659	22.67	23.38	3.29	23.39	11.81	14.02	13.72	13.25	17.12	19.08	23.39	22.93	23.39	0.00	0.0%
NC_386	15	4410	0.59	0.59	0.07	0.59	0.59	0.54	0.61	0.56	0.60	0.26	0.26	0.23	0.61	0.02	3.2%
NC_387	20	4435	0.48	0.48	0.09	0.51	0.44	0.44	0.40	0.51	0.47	0.31	0.30	0.26	0.51	0.00	0.4%
NC_388	45	4539	0.56	0.54	0.08	0.55	0.40	0.49	0.43	0.52	0.54	0.45	0.42	0.39	0.54	-0.01	-2.5%
NC_389	60	4565	2.19	2.20	0.34	2.27	1.44	1.78	1.64	1.77	2.00	1.83	1.64	1.54	2.00	-0.27	-12.0%
NC_390	45	4536	0.39	0.38	0.06	0.39	0.30	0.36	0.30	0.38	0.39	0.30	0.28	0.26	0.39	-0.01	-1.3%
NC_391	20	4435	1.62	1.56	0.25	1.61	1.59	1.52	1.51	1.61	1.65	0.94	0.92	0.81	1.65	0.04	2.5%
NC_392	45	4536	0.36	0.34	0.05	0.35	0.28	0.33	0.28	0.35	0.35	0.27	0.26	0.23	0.35	0.00	1.1%
NC_393	15	4410	1.68	1.66	0.17	1.67	1.67	1.60	1.72	1.58	1.69	0.81	0.80	0.70	1.72	0.05	2.7%
NC_394	180	4659	133.12	133.48	8.76	135.80	51.59	64.30	64.07	63.69	100.20	121.85	135.80	128.79	135.80	0.00	0.0%
NC_395	20	4435	0.51	0.51	0.09	0.52	0.48	0.46	0.50	0.52	0.53	0.26	0.25	0.22	0.53	0.01	1.0%
NC_396	60	4565	1.86	1.88	0.32	1.93	1.12	1.48	1.37	1.46	1.70	1.52	1.39	1.30	1.70	-0.23	-12.0%
NC_397	45	4478	2.57	2.54	0.08	2.55	2.18	2.39	2.35	2.25	2.60	2.24	2.00	1.83	2.60	0.05	1.8%
NC_398	45	4536	0.32	0.31	0.05	0.32	0.26	0.30	0.25	0.32	0.32	0.23	0.23	0.20	0.32	0.00	0.9%
NC_399	180	4659	133.43	134.03	8.33	135.96	51.29	63.93	63.70	63.33	99.74	121.53	135.96	128.68	135.96	0.00	0.0%
NC_400	15	4410	0.58	0.57	0.07	0.57	0.57	0.52	0.59	0.56	0.59	0.26	0.26	0.23	0.59	0.02	3.9%
NC_401	90	4593	9.24	9.38	0.98	9.67	4.84	5.77	5.59	5.73	7.32	9.88	8.08	8.52	9.88	0.21	2.2%
NC_402	20	4434	1.30	1.26	0.19	1.27	1.32	1.25	1.27	1.25	1.32	0.71	0.70	0.61	1.32	0.05	4.0%
NC_403	180	4659	133.14	133.52	8.62	135.81	51.41	64.07	63.84	63.47	99.91	121.64	135.81	128.70	135.81	0.00	0.0%
NC_404	180	4659	133.42	134.00	8.35	135.95	51.30	63.93	63.71	63.34	99.75	121.54	135.95	128.66	135.95	0.00	0.0%
NC_405	45	4536	0.33	0.32	0.05	0.33	0.28	0.31	0.25	0.35	0.33	0.23	0.23	0.20	0.35	0.02	4.5%
NC_406	20	4434	2.50	2.44	0.35	2.49	2.51	2.39	2.49	2.38	2.57	1.30	1.28	1.11	2.57	0.08	3.3%
NC_407	20	4435	0.52	0.52	0.09	0.53	0.49	0.47	0.51	0.53	0.54	0.27	0.27	0.23	0.54	0.01	2.1%
NC_408	60	4565	1.92	1.93	0.31	1.99	1.28	1.58	1.45	1.60	1.75	1.61	1.45	1.36	1.75	-0.24	-12.3%
NC_409	15	4412	0.64	0.63	0.08	0.63	0.63	0.59	0.65	0.63	0.66	0.30	0.30	0.26	0.66	0.03	4.6%
NC_410	20	4435	0.98	0.96	0.15	0.99	0.94	0.92	0.86	0.99	0.97	0.60	0.59	0.52	0.99	0.00	0.4%
NC_411	20	4436	1.84	1.79	0.23	1.81	1.92	1.81	1.77	1.72	1.88	1.02	1.01	0.88	1.92	0.11	5.9%
NC_412	20	4435	1.07	1.03	0.17	1.08	1.02	0.99	0.98	1.08	1.05	0.63	0.61	0.54	1.08	0.00	-0.1%
NC_413	15	4412	0.61	0.60	0.07	0.60	0.60	0.56	0.62	0.60	0.63	0.29	0.29	0.25	0.63	0.03	4.5%
NC_414	20	4435	0.52	0.52	0.09	0.52	0.49	0.47	0.52	0.52	0.54	0.26	0.25	0.22	0.54	0.02	3.3%
NC_415	15	4412	0.75	0.74	0.09	0.74	0.74	0.69	0.77	0.73	0.77	0.35	0.35	0.30	0.77	0.03	3.6%
NC_416	15	4412	0.72	0.70	0.08	0.71	0.70	0.66	0.73	0.71	0.74	0.35	0.35	0.30	0.74	0.03	4.6%
NC_417	45	4539	1.39	1.34	0.16	1.35	1.15	1.27	1.14	1.30	1.33	1.11	1.02	0.94	1.33	-0.02	-1.6%
NC_418	15	4410	0.68	0.68	0.07	0.68	0.68	0.61	0.70	0.64	0.69	0.30	0.30	0.26	0.70	0.02	2.4%
NC_419	20	4440	2.44	2.46	0.20	2.50	2.46	2.55	2.31	2.18	2.62	1.46	1.45	1.26	2.62	0.12	4.6%
NC_420	15	4412	0.56	0.55	0.07	0.55	0.54	0.51	0.57	0.55	0.58	0.27	0.26	0.23	0.58	0.03	4.7%
NC_421	60	4565	1.00	1.01	0.14	1.04	0.54	0.71	0.70	0.69	0.87	0.90	0.76	0.73	0.90	-0.14	-13.7%
NC_422	180	4659	132.36	133.01	9.27	135.29	51.61	64.31	64.09	63.70	100.19	121.74	135.29	128.55	135.29	0.00	0.0%
NC_423	20	4434	0.56	0.57	0.10	0.57	0.54	0.51	0.57	0.57	0.58	0.28	0.28	0.24	0.58	0.01	2.5%
NC_424	45	4478	3.18	3.05	0.40	3.06	2.04	2.61	2.47	2.49	3.03	2.53	2.34	2.10	3.03	-0.03	-0.9%
NC_425	45	4536	0.67	0.64	0.10	0.65	0.46	0.59	0.52	0.59	0.65	0.51	0.48	0.43	0.65	-0.01	-0.8%
NC_426	20	4434	0.54	0.54	0.09	0.55	0.52	0.49	0.55	0.54	0.56	0.27	0.26	0.23	0.56	0.01	2.2%
NC_427	20	4436	2.63	2.58	0.32	2.59	2.75	2.59	2.58	2.43	2.72	1.43	1.41	1.23	2.75	0.16	6.1%
NC_428	20	4435	0.79	0.77	0.11	0.78	0.77	0.76	0.69	0.78	0.78	0.44	0.44	0.38	0.78	0.00	-0.5%
NC_429	20	4434	0.53	0.53	0.09	0.53	0.51	0.48	0.53	0.53	0.55	0.26	0.26	0.22	0.55	0.02	3.8%
NC_430	15	4410	0.90	0.91	0.08	0.91	0.91	0.81	0.93	0.81	0.89	0.39	0.37	0.32	0.93	0.02	2.5%
NC_431	20	4435	0.37	0.37	0.07	0.40	0.33	0.35	0.27	0.40	0.37	0.25	0.24	0.22	0.40	0.00	-1.0%
NC_432	20	4436	2.32	2.29	0.25	2.34	2.45	2.34	2.23	2.12	2.41	1.30	1.29	1.12	2.45	0.11	4.7%
NC_433	20	4436	1.68	1.69	0.14	1.72	1.63	1.72	1.49	1.58	1.79	1.08	1.07	0.93	1.79	0.07	3.8%
NC_434	45	4536	0.31	0.30	0.05	0.31	0.25	0.29	0.24	0.31	0.31	0.23	0.22	0.20	0.31	0.00	1.0%
NC_435	15	4410	0.64	0.64	0.07	0.64	0.64	0.58	0.66	0.60	0.65	0.28	0.28	0.24	0.66	0.02	2.5%
NC_436	30	4509	2.50	2.51	0.21	2.53	2.15	2.45	2.38	2.16	2.58	1.67	1.61	1.41	2.58	0.05	2.0%
NC_437	180	4659	132.41	133.04	9.32	135.32	51.71	64.44	64.21	63.83	100.36	121.88	135.32	128.66	135.32	0.00	0.0%
NC_438	15	4412	1.12	1.11	0.12	1.12	1.11	1.06	1.16	1.05	1.13	0.53	0.53	0.46	1.16	0.03	3.1%
NC_439	45	4536	0.31	0.30	0.05	0.31	0.25	0.29	0.24	0.31	0.31	0.23	0.22	0.20	0.31	0.00	1.0%
NC_440	45	4478	2.66	2.60	0.30	2.65	2.34	2.56	2.29	2.44	2.67	2.08	1.91	1.78	2.67	0.02	0.8%
NC_441	20	4435	0.84	0.83	0.12	0.84	0.78	0.81	0.66	0.84	0.86	0.56	0.55	0.48	0.86	0.02	2.4%
NC_442	20	4435	0.51	0.50	0.09	0.54	0.47	0.46	0.46	0.54	0.52	0.30	0.29	0.26	0.54	0.00	-0.6%
NC_443	90	4593	11.53	11.60	1.48	11.68	8.88	10.00	9.49	9.19	10.68	12.29	9.81	10.86	12.29	0.61	5.3%
NC_444	20	4435	0.86	0.84	0.11	0.86	0.84	0.83	0.76	0.86	0.86	0.50	0.50	0.43	0.86	-0.01	-0.6%
NC_445	45	4536	0.37	0.36	0.05	0.37	0.29	0.34	0.29	0.37	0.37	0.28	0.27	0.24	0.37	0.00	0.0%
NC_446	15	4410	1.60	1.60	0.15	1.63	1.63	1.55	1.62	1.46	1.61	0.79	0.78	0.68	1.63	0.00	-0.1%
NC_447	20	4435	1.13	1.09	0.17	1.12	1.12	1.07	1.04	1.12	1.14	0.66	0.65	0.56	1.14	0.02	2.0%
NC_448	60	4565	2.18	2.21	0.36	2.28	1.23	1.65	1.56	1.63	1.95	1.83	1.65	1.54	1.95	-0.33	-14.6%
NC_449	30	4509	2.54	2.54	0.26	2.55	2.23	2.54	2.35	2.26	2.64	1.74	1.69	1.48	2.64	0.09	3.4%
NC_450	45	4539	2.67	2.57	0.35	2.57	1.76	2.23	2.10	2.12	2.57	2.09	1.95	1.76	2.57	0.00	-0.2%
NC_451	45	4536	2.42	2.33	0.33	2.33	1.64	2.06	1.93	1.94	2.33	1.87	1.76	1.59	2.33	0.00	0.2%
NC_452	180	4659	4.37	4.43	0.46	4.47	1.42	1.88	1.87	1.86	3.06	3.96	4.47	4.60	4.60	0.13	2.9%
NC_453	20	4435	0.92	0.89	0.13	0.93	0.87	0.86	0.84	0.93	0.90	0.58	0.56	0.50	0.93	0.00	-0.2%
NC_454	60	4565	0.83	0.84	0.13	0.87	0.55	0.68	0.63	0.68	0.73	0.69	0.63	0.59	0.73	-0.14	-16.0%
NC_455	60	4565	1.38	1.39	0.24	1.44	0.81	1.08	1.01	1.07	1.23	1.14	1.04	0.97	1.23	-0.21	-14.3%
NC_456	10	4376	1.35	1.37	0.07	1.38	1.34	1.28	1.40	1.23	1.34	0.61	0.61	0.53	1.40	0.02	1.2%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_457	180	4659	132.44	133.06	9.35	135.35	51.78	64.53	64.30	63.91	100.47	121.98	135.35	128.68	135.35	0.00	0.0%
NC_458	180	4663	41.68	43.31	4.16	43.66	19.49	23.38	23.17	22.59	32.17	37.13	42.95	43.86	43.86	0.20	0.5%
NC_459	15	4410	0.62	0.62	0.07	0.63	0.63	0.56	0.64	0.58	0.63	0.27	0.26	0.23	0.64	0.01	1.9%
NC_460	15	4410	0.62	0.61	0.07	0.62	0.62	0.56	0.63	0.59	0.63	0.27	0.27	0.23	0.63	0.01	2.1%
NC_461	20	4436	1.86	1.85	0.15	1.90	1.88	1.90	1.72	1.72	1.92	1.04	1.04	0.90	1.92	0.02	0.8%
NC_462	20	4434	1.53	1.48	0.22	1.49	1.53	1.46	1.49	1.47	1.57	0.83	0.82	0.71	1.57	0.08	5.4%
NC_463	15	4410	1.83	1.83	0.17	1.87	1.87	1.77	1.83	1.69	1.84	0.94	0.93	0.81	1.87	0.00	-0.1%
NC_464	20	4435	0.36	0.36	0.07	0.39	0.32	0.34	0.26	0.39	0.35	0.24	0.24	0.21	0.39	-0.01	-1.3%
NC_465	20	4434	1.32	1.30	0.19	1.33	1.31	1.25	1.33	1.28	1.33	0.68	0.67	0.58	1.33	0.00	0.2%
NC_466	60	4572	21.86	22.03	1.82	22.12	11.35	13.39	13.25	13.18	20.13	22.68	17.81	18.35	22.68	0.56	2.5%
NC_467	45	4536	0.32	0.30	0.05	0.31	0.25	0.29	0.24	0.31	0.31	0.23	0.22	0.20	0.31	0.00	1.0%
NC_468	20	4435	0.75	0.75	0.13	0.75	0.72	0.69	0.75	0.75	0.77	0.39	0.38	0.33	0.77	0.02	3.2%
NC_469	20	4436	1.32	1.32	0.12	1.35	1.29	1.35	1.17	1.25	1.39	0.84	0.83	0.73	1.39	0.04	3.3%
NC_470	45	4540	2.73	2.66	0.24	2.66	2.09	2.44	2.35	2.25	2.66	2.28	1.99	1.88	2.66	0.00	0.0%
NC_471	15	4410	0.62	0.62	0.07	0.62	0.62	0.56	0.64	0.58	0.63	0.27	0.27	0.23	0.64	0.02	2.9%
NC_472	45	4536	0.59	0.57	0.08	0.57	0.46	0.53	0.47	0.55	0.57	0.45	0.43	0.39	0.57	0.00	0.7%
NC_473	15	4412	0.63	0.62	0.07	0.63	0.62	0.58	0.65	0.62	0.65	0.30	0.29	0.26	0.65	0.02	3.3%
NC_474	45	4536	0.31	0.30	0.05	0.31	0.25	0.29	0.24	0.31	0.31	0.23	0.22	0.20	0.31	0.00	0.6%
NC_475	15	4410	0.65	0.65	0.06	0.66	0.66	0.58	0.67	0.59	0.64	0.28	0.26	0.23	0.67	0.01	0.9%
NC_476	20	4435	0.41	0.40	0.07	0.43	0.37	0.37	0.33	0.43	0.40	0.25	0.24	0.21	0.43	0.00	0.2%
NC_477	20	4435	0.52	0.52	0.09	0.53	0.48	0.47	0.51	0.53	0.54	0.27	0.26	0.23	0.54	0.01	0.9%
NC_478	10	4376	1.16	1.17	0.06	1.18	1.15	1.10	1.20	1.07	1.16	0.53	0.53	0.46	1.20	0.02	1.4%
NC_479	15	4410	1.85	1.86	0.17	1.88	1.88	1.79	1.87	1.64	1.83	0.87	0.86	0.75	1.88	0.00	0.0%
NC_480	15	4410	1.08	1.08	0.10	1.09	1.09	0.97	1.11	0.96	1.06	0.46	0.44	0.39	1.11	0.02	2.1%
NC_481	60	4565	0.64	0.64	0.11	0.66	0.38	0.50	0.46	0.50	0.55	0.53	0.49	0.45	0.55	-0.11	-16.8%
NC_482	15	4412	1.26	1.25	0.13	1.25	1.24	1.19	1.30	1.17	1.27	0.59	0.58	0.50	1.30	0.05	3.8%
NC_483	60	4475	21.99	21.99	1.61	22.00	11.82	14.03	13.91	13.83	20.24	22.97	18.70	18.82	22.97	0.97	4.4%
NC_484	60	4565	3.54	3.59	0.19	3.66	2.07	2.51	2.49	2.47	3.25	3.61	3.33	2.99	3.61	-0.05	-1.5%
NC_485	60	4569	4.59	4.71	0.48	4.74	3.55	4.12	3.98	3.76	4.55	4.30	3.44	3.39	4.55	-0.19	-4.0%
NC_486	20	4434	0.71	0.72	0.12	0.72	0.69	0.66	0.72	0.71	0.74	0.35	0.35	0.30	0.74	0.02	2.5%
NC_487	15	4410	0.80	0.82	0.06	0.82	0.82	0.70	0.83	0.74	0.77	0.33	0.31	0.27	0.83	0.01	0.9%
NC_488	180	4659	4.62	4.70	0.40	4.76	1.44	1.90	1.89	1.88	3.11	4.03	4.76	4.87	4.87	0.11	2.3%
NC_489	20	4434	0.79	0.79	0.13	0.79	0.76	0.72	0.79	0.79	0.81	0.40	0.39	0.34	0.81	0.02	2.5%
NC_490	15	4409	0.79	0.80	0.07	0.81	0.80	0.70	0.81	0.70	0.77	0.33	0.31	0.27	0.81	0.00	0.2%
NC_491	15	4411	0.82	0.84	0.07	0.84	0.84	0.72	0.84	0.74	0.79	0.34	0.32	0.28	0.84	0.00	0.5%
NC_492	60	4565	20.19	20.60	1.45	20.85	11.55	14.07	13.92	13.46	19.08	21.11	17.80	17.07	21.11	0.25	1.2%
NC_493	20	4434	1.07	1.05	0.16	1.07	1.05	1.01	1.07	1.04	1.08	0.54	0.53	0.46	1.08	0.01	1.1%
NC_494	15	4412	1.13	1.12	0.12	1.12	1.12	1.07	1.16	1.06	1.14	0.53	0.53	0.46	1.16	0.04	3.6%
NC_495	20	4435	0.48	0.48	0.09	0.50	0.45	0.43	0.46	0.50	0.50	0.27	0.26	0.23	0.50	0.00	0.8%
NC_496	15	4410	0.59	0.59	0.07	0.59	0.59	0.54	0.61	0.57	0.61	0.27	0.26	0.23	0.61	0.02	3.6%
NC_497	60	4565	0.62	0.62	0.11	0.65	0.34	0.47	0.44	0.46	0.54	0.52	0.47	0.44	0.54	-0.12	-17.7%
NC_498	15	4412	0.73	0.72	0.08	0.72	0.71	0.67	0.74	0.72	0.75	0.35	0.35	0.30	0.75	0.03	4.3%
NC_499	180	4663	41.81	43.43	4.13	43.76	19.48	23.38	23.19	22.61	32.31	37.24	43.10	44.01	44.01	0.25	0.6%
NC_500	45	4536	1.45	1.41	0.22	1.45	1.09	1.31	1.19	1.23	1.45	1.07	1.03	0.93	1.45	0.00	-0.1%
NC_501	15	4410	1.85	1.85	0.17	1.89	1.89	1.80	1.86	1.68	1.84	0.90	0.89	0.77	1.89	0.00	-0.3%
NC_502	180	4659	132.47	133.08	9.38	135.38	51.84	64.61	64.38	64.00	100.57	122.07	135.38	128.77	135.38	0.00	0.0%
NC_503	10	4376	1.41	1.43	0.07	1.44	1.42	1.30	1.46	1.19	1.35	0.60	0.57	0.50	1.46	0.02	1.5%
NC_504	45	4542	1.06	1.01	0.17	1.05	0.90	1.02	0.86	0.99	1.11	0.76	0.74	0.66	1.11	0.06	5.5%
NC_505	20	4435	0.84	0.82	0.12	0.85	0.79	0.79	0.75	0.85	0.82	0.53	0.52	0.46	0.85	0.00	-0.4%
NC_506	60	4565	3.57	3.63	0.24	3.69	2.10	2.53	2.51	2.50	3.24	3.64	3.19	2.88	3.64	-0.05	-1.4%
NC_507	10	4376	2.79	2.82	0.09	2.83	2.85	2.70	2.84	2.43	2.75	1.29	1.27	1.10	2.85	0.02	0.7%
NC_508	20	4436	0.68	0.67	0.07	0.67	0.61	0.67	0.57	0.67	0.71	0.48	0.47	0.41	0.71	0.04	5.8%
NC_509	45	4536	0.66	0.63	0.10	0.63	0.44	0.57	0.51	0.57	0.63	0.50	0.48	0.43	0.63	0.00	0.0%
NC_510	15	4410	1.81	1.82	0.17	1.84	1.84	1.75	1.83	1.65	1.81	0.88	0.87	0.75	1.84	0.00	0.0%
NC_511	15	4412	1.11	1.11	0.12	1.11	1.10	1.06	1.15	1.05	1.13	0.53	0.52	0.45	1.15	0.04	3.2%
NC_512	15	4412	0.75	0.74	0.09	0.74	0.74	0.69	0.76	0.73	0.77	0.36	0.35	0.31	0.77	0.03	3.6%
NC_513	10	4376	1.62	1.64	0.06	1.64	1.64	1.56	1.65	1.42	1.60	0.74	0.73	0.64	1.65	0.01	0.5%
NC_514	15	4409	0.95	0.97	0.08	0.97	0.97	0.85	0.99	0.85	0.93	0.40	0.38	0.33	0.99	0.02	1.5%
NC_515	45	4478	0.99	0.95	0.15	0.96	0.62	0.81	0.76	0.81	0.93	0.78	0.73	0.66	0.93	-0.03	-3.1%
NC_516	15	4410	1.76	1.78	0.15	1.81	1.81	1.71	1.79	1.54	1.74	0.83	0.82	0.71	1.81	0.00	-0.2%
NC_517	45	4536	0.41	0.39	0.06	0.40	0.30	0.37	0.31	0.39	0.40	0.31	0.29	0.26	0.40	-0.01	-1.3%
NC_518	15	4411	2.30	2.33	0.18	2.38	2.41	2.27	2.30	2.00	2.30	1.13	1.12	0.97	2.41	0.03	1.1%
NC_519	180	4659	132.44	133.08	9.45	135.38	51.91	64.70	64.47	64.08	100.69	122.15	135.38	128.79	135.38	0.00	0.0%
NC_520	180	4663	41.84	43.47	4.11	43.78	19.45	23.35	23.17	22.60	32.30	37.24	43.16	43.93	43.93	0.15	0.3%
NC_521	45	4536	0.32	0.31	0.05	0.32	0.25	0.29	0.25	0.32	0.32	0.24	0.23	0.20	0.32	0.00	-0.6%
NC_522	15	4412	1.57	1.55	0.16	1.56	1.55	1.50	1.61	1.48	1.58	0.76	0.75	0.65	1.61	0.05	3.2%
NC_523	10	4376	1.31	1.33	0.07	1.33	1.30	1.23	1.35	1.18	1.30	0.58	0.57	0.50	1.35	0.02	1.6%
NC_524	60	4565	20.16	20.58	1.43	20.86	11.43	13.96	13.81	13.39	19.04	21.08	17.93	17.07	21.08	0.22	1.1%
NC_525	45	4478	0.87	0.83	0.11	0.84	0.61	0.76	0.72	0.74	0.82	0.67	0.63	0.57	0.82	-0.02	-2.3%
NC_526	30	4513	15.43	15.38	1.37	15.44	14.02	15.31	14.26	13.68	15.92	15.05	11.74	13.48	15.92	0.48	3.1%
NC_527	45	4540	1.03	1.03	0.11	1.03	0.60	0.77	0.77	0.76	0.93	0.87	0.77	0.72	0.93	-0.10	-9.5%
NC_528	60	4565	1.78	1.84	0.18	1.85	0.88	1.15	1.14	1.13	1.68	1.72	1.40	1.30	1.72	-0.13	-6.8%
NC_529	60	4565	1.86	1.90	0.17	1.94	0.88	1.15	1.14	1.13	1.77	1.86	1.51	1.39	1.86	-0.08	-4.1%
NC_530	15	4412	0.68	0.68	0.08	0.68	0.68	0.62	0.70	0.66	0.70	0.32	0.31	0.27	0.70	0.02	2.8%
NC_531	20	4434	0.59	0.59	0.10	0.60	0.57	0.54	0.60	0.59	0.61	0.29	0.29	0.25	0.61	0.01	1.8%
NC_532	180	4659	132.45	133.11	9.53	135.40	52.01	64.82	64.59	64.20	100.85	122.29	135.40	128.89	135.40	0.00	0.0%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_533	15	4410	0.65	0.65	0.06	0.65	0.65	0.58	0.66	0.59	0.64	0.28	0.26	0.23	0.66	0.01	2.2%
NC_534	60	4565	1.56	1.59	0.21	1.64	0.88	1.14	1.12	1.12	1.37	1.36	1.18	1.11	1.37	-0.27	-16.5%
NC_535	180	4659	132.35	133.07	9.66	135.36	52.08	64.91	64.68	64.29	100.96	122.37	135.36	128.93	135.36	0.00	0.0%
NC_536	60	4565	1.67	1.73	0.19	1.73	0.88	1.15	1.13	1.12	1.52	1.54	1.28	1.20	1.54	-0.19	-10.9%
NC_537	15	4409	0.67	0.69	0.06	0.69	0.68	0.59	0.69	0.60	0.66	0.28	0.26	0.23	0.69	0.00	0.1%
NC_538	15	4413	2.50	2.53	0.20	2.57	2.62	2.46	2.47	2.22	2.50	1.25	1.24	1.08	2.62	0.05	1.9%
NC_539	60	4565	20.09	20.52	1.40	20.82	11.30	13.84	13.69	13.29	18.97	21.02	18.05	17.02	21.02	0.20	1.0%
NC_540	15	4410	0.63	0.63	0.06	0.63	0.63	0.56	0.64	0.58	0.63	0.27	0.26	0.23	0.64	0.01	2.2%
NC_541	60	4569	3.68	3.80	0.37	3.80	2.15	2.57	2.54	2.53	3.24	3.81	3.02	2.87	3.81	0.01	0.3%
NC_542	15	4410	0.62	0.62	0.07	0.62	0.62	0.56	0.64	0.58	0.63	0.27	0.27	0.23	0.64	0.02	2.9%
NC_543	15	4411	2.94	2.97	0.20	2.99	3.12	2.94	2.89	2.54	2.97	1.48	1.47	1.28	3.12	0.13	4.3%
NC_544	20	4435	0.49	0.48	0.09	0.52	0.43	0.45	0.37	0.52	0.47	0.33	0.32	0.28	0.52	0.00	-0.8%
NC_545	20	4435	0.75	0.75	0.09	0.76	0.68	0.73	0.61	0.76	0.77	0.54	0.52	0.46	0.77	0.01	1.3%
NC_546	45	4536	0.44	0.42	0.06	0.43	0.34	0.40	0.33	0.43	0.43	0.33	0.31	0.28	0.43	0.00	-0.5%
NC_547	45	4536	0.33	0.31	0.05	0.33	0.27	0.31	0.25	0.34	0.33	0.24	0.23	0.20	0.34	0.01	3.3%
NC_548	15	4410	0.70	0.71	0.06	0.72	0.72	0.68	0.71	0.61	0.70	0.32	0.32	0.27	0.72	-0.01	-0.7%
NC_549	20	4435	0.50	0.51	0.09	0.51	0.47	0.46	0.50	0.51	0.52	0.26	0.25	0.22	0.52	0.01	2.5%
NC_550	20	4435	0.72	0.72	0.11	0.74	0.65	0.69	0.55	0.74	0.74	0.50	0.48	0.42	0.74	0.00	0.4%
NC_551	45	4542	1.10	1.06	0.16	1.11	0.89	1.03	0.88	1.00	1.12	0.81	0.78	0.69	1.12	0.01	1.1%
NC_552	20	4435	1.06	1.04	0.17	1.05	1.05	0.99	1.04	1.05	1.07	0.57	0.57	0.49	1.07	0.02	2.1%
NC_553	20	4435	0.95	0.93	0.12	0.93	0.94	0.92	0.85	0.93	0.94	0.55	0.54	0.47	0.94	0.01	1.1%
NC_554	45	4536	0.34	0.33	0.05	0.34	0.27	0.31	0.26	0.34	0.34	0.26	0.24	0.22	0.34	0.00	-0.3%
NC_555	15	4411	5.14	5.21	0.40	5.30	5.38	5.09	5.16	4.54	5.20	2.57	2.55	2.22	5.38	0.08	1.5%
NC_556	20	4435	0.38	0.38	0.07	0.40	0.33	0.35	0.28	0.40	0.37	0.25	0.24	0.21	0.40	0.00	0.5%
NC_557	20	4434	0.63	0.63	0.11	0.63	0.61	0.58	0.63	0.63	0.65	0.31	0.31	0.27	0.65	0.02	3.2%
NC_558	60	4573	20.30	20.58	1.27	20.89	11.29	13.84	13.70	13.31	19.21	21.22	18.75	17.19	21.22	0.33	1.6%
NC_559	15	4411	5.57	5.61	0.38	5.63	5.89	5.59	5.57	4.79	5.68	2.82	2.81	2.44	5.89	0.26	4.6%
NC_560	180	4659	4.92	5.02	0.38	5.02	1.50	1.94	1.93	1.92	3.18	4.14	5.02	5.38	5.38	0.36	7.3%
NC_561	15	4412	6.49	6.55	0.39	6.61	6.86	6.63	6.51	5.50	6.70	3.33	3.32	2.91	6.86	0.25	3.8%
NC_562	15	4410	1.14	1.14	0.11	1.14	1.14	1.03	1.17	1.03	1.13	0.49	0.48	0.42	1.17	0.03	3.0%
NC_563	15	4412	0.78	0.77	0.09	0.77	0.77	0.72	0.80	0.77	0.81	0.38	0.38	0.33	0.81	0.04	4.8%
NC_564	20	4435	0.93	0.90	0.12	0.91	0.93	0.89	0.85	0.91	0.91	0.51	0.51	0.44	0.93	0.02	1.8%
NC_565	15	4410	0.65	0.65	0.06	0.65	0.65	0.58	0.67	0.59	0.64	0.28	0.26	0.23	0.67	0.02	2.3%
NC_566	15	4410	0.71	0.71	0.07	0.71	0.71	0.64	0.73	0.66	0.71	0.31	0.30	0.26	0.73	0.02	2.5%
NC_567	15	4410	0.60	0.60	0.07	0.60	0.60	0.54	0.62	0.57	0.61	0.27	0.26	0.23	0.62	0.02	2.5%
NC_568	20	4435	0.42	0.41	0.08	0.44	0.38	0.38	0.36	0.44	0.42	0.25	0.24	0.21	0.44	0.00	0.5%
NC_569	20	4436	0.49	0.47	0.07	0.48	0.51	0.48	0.47	0.47	0.51	0.27	0.26	0.23	0.51	0.03	6.0%
NC_570	20	4435	0.45	0.44	0.08	0.47	0.41	0.40	0.40	0.47	0.45	0.26	0.26	0.22	0.47	0.00	0.9%
NC_571	180	4663	43.07	44.76	4.10	45.11	19.93	23.72	23.63	23.80	33.92	38.77	44.41	46.24	46.24	1.13	2.5%
NC_572	20	4435	0.71	0.70	0.10	0.72	0.66	0.68	0.58	0.72	0.71	0.47	0.46	0.41	0.72	0.00	-0.1%
NC_573	15	4415	7.25	7.28	0.29	7.32	7.57	7.69	7.32	6.01	7.63	3.85	3.85	3.38	7.69	0.37	5.1%
NC_574	180	4663	69.38	71.00	8.21	71.05	33.17	40.58	40.37	39.77	58.50	66.58	70.94	69.58	70.94	-0.11	-0.2%
NC_575	45	4539	8.79	8.48	1.05	8.48	6.24	7.50	7.03	7.04	8.48	7.01	6.46	5.76	8.48	-0.01	-0.1%
NC_576	20	4435	0.54	0.54	0.09	0.54	0.51	0.49	0.54	0.54	0.56	0.27	0.27	0.23	0.56	0.02	3.3%
NC_577	60	4475	21.47	21.39	1.40	21.50	11.29	13.40	13.32	13.26	19.82	22.53	19.75	18.75	22.53	1.03	4.8%
NC_578	20	4435	0.41	0.40	0.08	0.44	0.38	0.37	0.35	0.44	0.41	0.25	0.24	0.21	0.44	0.00	-0.7%
NC_579	45	4542	0.68	0.66	0.11	0.69	0.59	0.65	0.53	0.70	0.70	0.49	0.47	0.42	0.70	0.01	1.3%
NC_580	15	4411	0.72	0.74	0.06	0.74	0.74	0.64	0.74	0.65	0.70	0.30	0.28	0.24	0.74	0.00	0.5%
NC_581	20	4439	11.52	11.60	0.61	11.68	11.23	12.11	11.69	10.08	12.26	6.81	6.63	5.66	12.26	0.58	5.0%
NC_582	45	4536	0.32	0.31	0.05	0.32	0.25	0.30	0.25	0.32	0.32	0.24	0.23	0.20	0.32	0.00	-0.3%
NC_583	20	4435	0.69	0.69	0.12	0.69	0.65	0.63	0.69	0.69	0.71	0.35	0.35	0.30	0.71	0.02	2.8%
NC_584	20	4435	0.54	0.54	0.09	0.54	0.52	0.49	0.54	0.54	0.56	0.27	0.27	0.23	0.56	0.02	3.5%
NC_585	60	4573	20.23	20.48	1.24	20.79	11.16	13.71	13.58	13.21	19.13	21.16	18.90	17.17	21.16	0.37	1.8%
NC_586	20	4440	8.03	8.10	0.58	8.12	8.36	8.59	8.09	6.86	8.43	4.32	4.33	3.80	8.59	0.47	5.8%
NC_587	60	4475	28.34	28.33	1.43	28.45	15.85	19.34	19.22	18.81	27.28	29.15	27.08	24.25	29.15	0.70	2.5%
NC_588	10	4376	1.84	1.87	0.09	1.88	1.84	1.75	1.90	1.66	1.82	0.84	0.83	0.72	1.90	0.02	1.0%
NC_589	20	4435	0.74	0.73	0.11	0.76	0.67	0.71	0.57	0.76	0.76	0.51	0.49	0.44	0.76	0.00	0.0%
NC_590	20	4436	2.33	2.29	0.24	2.32	2.29	2.32	2.04	2.26	2.36	1.36	1.34	1.17	2.36	0.04	1.5%
NC_591	30	4509	11.74	11.89	0.82	12.06	10.60	11.74	11.43	10.18	12.24	7.28	6.93	5.88	12.24	0.17	1.5%
NC_592	20	4434	0.68	0.68	0.11	0.68	0.65	0.62	0.68	0.68	0.70	0.34	0.34	0.29	0.70	0.02	3.2%
NC_593	180	4663	69.43	71.05	8.18	71.09	33.15	40.55	40.34	39.74	58.48	66.57	71.01	69.65	71.01	-0.08	-0.1%
NC_594	20	4435	0.34	0.34	0.05	0.36	0.29	0.32	0.25	0.36	0.34	0.24	0.23	0.20	0.36	0.00	-0.8%
NC_595	45	4536	8.30	8.01	1.03	8.02	5.98	7.15	6.68	6.72	8.02	6.56	6.09	5.43	8.02	0.00	0.0%
NC_596	20	4435	1.13	1.10	0.18	1.11	1.12	1.06	1.09	1.11	1.14	0.62	0.61	0.53	1.14	0.03	2.9%
NC_597	15	4410	0.70	0.71	0.05	0.72	0.72	0.61	0.72	0.65	0.67	0.29	0.27	0.23	0.72	0.00	0.1%
NC_598	180	4659	126.42	127.39	10.88	129.46	51.26	63.84	63.61	63.21	98.79	119.01	129.46	124.43	129.46	0.00	0.0%
NC_599	10	4376	1.27	1.29	0.07	1.29	1.26	1.20	1.31	1.15	1.26	0.57	0.56	0.49	1.31	0.02	1.6%
NC_600	20	4440	8.93	8.97	0.55	9.02	9.05	9.51	8.90	7.77	9.33	4.85	4.86	4.26	9.51	0.49	5.5%
NC_601	180	4663	69.47	71.08	8.16	71.09	33.12	40.52	40.31	39.71	58.46	66.57	71.07	69.60	71.07	-0.02	0.0%
NC_602	20	4435	1.70	1.64	0.25	1.67	1.69	1.61	1.59	1.67	1.71	0.97	0.95	0.83	1.71	0.04	2.4%
NC_603	180	4663	75.15	76.86	7.88	77.00	33.72	41.13	40.99	40.42	61.45	72.51	76.72	77.68	77.68	0.68	0.9%
NC_604	180	4659	94.84	94.93	11.20	95.25	44.17	53.05	52.68	52.51	81.15	94.72	95.25	96.23	96.23	0.98	1.0%
NC_605	180	4659	131.01	132.06	11.01	134.24	52.55	65.54	65.30	64.90	101.63	122.78	134.24	128.91	134.24	0.00	0.0%
NC_606	180	4663	75.19	76.88	7.84	76.95	33.49	41.04	40.91	40.36	61.33	72.40	76.82	77.56	77.56	0.61	0.8%
NC_607	180	4663	75.16	76.89	7.90	77.08	34.08	41.20	41.05	40.48	61.54	72.59	76.70	77.84	77.84	0.75	1.0%
NC_608	20	4434	9.96	10.03	0.72	10.10	10.26	10.60	10.10	8.42	10.50	5.40	5.35	4.65	10.60	0.50	4.9%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_609	25	4447	8.82	8.73	0.57	8.80	8.31	9.12	8.86	7.81	9.27	5.27	5.12	4.44	9.27	0.47	5.4%
NC_610	180	4659	94.99	95.11	11.11	95.55	43.96	52.89	52.58	52.41	81.00	94.64	95.55	96.22	96.22	0.67	0.7%
NC_611	15	4410	1.04	1.04	0.11	1.04	1.04	0.95	1.07	0.96	1.04	0.46	0.45	0.39	1.07	0.03	3.3%
NC_612	20	4436	2.14	2.08	0.27	2.09	2.21	2.09	2.06	2.01	2.20	1.23	1.21	1.06	2.21	0.12	5.6%
NC_613	20	4434	1.22	1.19	0.18	1.21	1.20	1.15	1.21	1.18	1.23	0.64	0.63	0.55	1.23	0.02	1.2%
NC_614	45	4542	1.33	1.28	0.20	1.32	1.07	1.24	1.09	1.18	1.35	0.97	0.94	0.83	1.35	0.03	2.6%
NC_615	20	4435	0.45	0.44	0.08	0.47	0.41	0.41	0.38	0.47	0.45	0.26	0.26	0.23	0.47	0.00	-0.4%
NC_616	180	4663	71.74	73.54	8.12	73.86	33.41	40.88	40.69	40.10	59.86	68.94	73.23	73.09	73.23	-0.64	-0.9%
NC_617	20	4435	0.66	0.66	0.12	0.67	0.62	0.60	0.65	0.67	0.68	0.35	0.34	0.30	0.68	0.01	1.5%
NC_618	15	4410	0.59	0.59	0.07	0.59	0.59	0.53	0.61	0.56	0.60	0.26	0.26	0.23	0.61	0.02	2.5%
NC_619	180	4659	94.79	94.90	11.15	95.26	43.92	52.83	52.51	52.35	80.98	94.57	95.26	96.09	96.09	0.83	0.9%
NC_620	180	4659	126.29	127.30	11.01	129.36	51.29	63.87	63.64	63.25	98.83	119.02	129.36	124.46	129.36	0.00	0.0%
NC_621	180	4659	131.12	132.13	10.87	134.32	52.49	65.45	65.22	64.82	101.53	122.71	134.32	128.82	134.32	0.00	0.0%
NC_622	45	4541	0.57	0.54	0.08	0.54	0.38	0.48	0.44	0.48	0.53	0.46	0.43	0.39	0.53	-0.01	-2.6%
NC_623	180	4663	72.83	74.56	7.83	74.65	33.33	40.81	40.62	40.04	60.03	69.62	74.47	74.33	74.47	-0.18	-0.2%
NC_624	15	4410	0.72	0.72	0.07	0.73	0.73	0.64	0.74	0.64	0.71	0.31	0.29	0.25	0.74	0.01	1.1%
NC_625	30	4509	2.30	2.30	0.22	2.32	2.11	2.36	2.19	2.07	2.41	1.51	1.46	1.28	2.41	0.09	3.7%
NC_626	60	4475	28.43	28.43	1.46	28.55	15.98	19.48	19.36	18.93	27.41	29.21	26.94	24.28	29.21	0.66	2.3%
NC_627	45	4536	0.35	0.33	0.06	0.35	0.29	0.33	0.26	0.37	0.35	0.25	0.24	0.21	0.37	0.02	4.3%
NC_628	20	4435	0.35	0.35	0.06	0.37	0.31	0.33	0.26	0.37	0.35	0.24	0.23	0.20	0.37	0.00	1.1%
NC_629	180	4663	72.13	73.92	8.04	74.22	33.40	40.88	40.69	40.10	59.93	69.20	73.63	73.63	73.63	-0.59	-0.8%
NC_630	45	4536	1.08	1.04	0.16	1.06	0.79	0.96	0.85	0.94	1.06	0.81	0.77	0.69	1.06	0.00	0.0%
NC_631	15	4410	0.71	0.72	0.05	0.73	0.73	0.62	0.73	0.66	0.67	0.29	0.27	0.23	0.73	0.00	-0.5%
NC_632	15	4410	0.61	0.61	0.07	0.61	0.61	0.55	0.63	0.58	0.62	0.27	0.27	0.23	0.63	0.02	2.8%
NC_633	15	4410	0.65	0.65	0.07	0.65	0.65	0.58	0.67	0.60	0.65	0.28	0.27	0.23	0.67	0.02	2.5%
NC_634	30	4509	12.50	12.65	0.71	12.80	10.55	11.98	11.68	10.67	12.86	8.23	7.71	6.48	12.86	0.06	0.5%
NC_635	45	4478	17.30	17.05	1.04	17.19	13.47	15.65	15.29	14.41	17.58	16.81	13.49	14.74	17.58	0.39	2.3%
NC_636	20	4435	0.50	0.50	0.09	0.52	0.47	0.45	0.49	0.52	0.52	0.26	0.26	0.22	0.52	0.00	0.2%
NC_637	180	4662	20.41	20.36	2.55	20.65	11.01	13.56	13.45	13.11	19.24	21.34	20.07	17.47	21.34	0.69	3.4%
NC_638	15	4412	1.30	1.29	0.13	1.30	1.28	1.23	1.34	1.22	1.31	0.62	0.62	0.54	1.34	0.04	3.1%
NC_639	45	4539	6.76	6.52	0.85	6.53	4.86	5.83	5.46	5.46	6.50	5.32	4.96	4.45	6.50	-0.03	-0.4%
NC_640	60	4565	0.54	0.54	0.10	0.56	0.32	0.43	0.40	0.43	0.48	0.44	0.41	0.38	0.48	-0.08	-14.6%
NC_641	15	4410	0.69	0.70	0.06	0.70	0.70	0.60	0.71	0.63	0.67	0.29	0.27	0.23	0.71	0.01	1.3%
NC_642	45	4541	10.53	10.47	0.22	10.49	6.85	8.20	8.13	7.87	10.77	9.24	7.87	6.85	10.77	0.28	2.7%
NC_643	15	4409	0.67	0.69	0.06	0.69	0.69	0.59	0.69	0.61	0.66	0.28	0.26	0.23	0.69	0.00	0.4%
NC_644	20	4440	10.02	10.08	0.94	10.32	10.49	10.41	9.84	8.83	10.59	5.64	5.60	4.87	10.59	0.27	2.6%
NC_645	20	4435	0.54	0.54	0.10	0.56	0.50	0.48	0.52	0.56	0.56	0.29	0.29	0.25	0.56	0.00	-0.5%
NC_646	45	4536	0.32	0.31	0.05	0.32	0.25	0.30	0.25	0.32	0.32	0.24	0.23	0.20	0.32	0.00	-0.3%
NC_647	15	4410	0.66	0.66	0.07	0.66	0.66	0.59	0.68	0.61	0.66	0.29	0.28	0.24	0.68	0.02	2.9%
NC_648	20	4436	2.25	2.24	0.20	2.30	2.25	2.30	2.06	2.10	2.36	1.36	1.34	1.17	2.36	0.06	2.4%
NC_649	20	4436	1.48	1.46	0.16	1.47	1.45	1.47	1.28	1.44	1.50	0.89	0.87	0.76	1.50	0.03	2.3%
NC_650	180	4663	72.21	73.98	7.99	74.21	33.35	40.83	40.64	40.05	59.89	69.19	73.75	73.74	73.75	-0.46	-0.6%
NC_651	15	4412	0.86	0.85	0.10	0.86	0.85	0.79	0.88	0.83	0.88	0.40	0.40	0.34	0.88	0.02	2.8%
NC_652	180	4659	124.50	125.60	12.02	127.36	51.23	63.81	63.57	63.18	98.63	118.65	127.36	123.83	127.36	0.00	0.0%
NC_653	20	4435	1.00	0.98	0.16	1.00	0.99	0.93	0.97	1.00	1.01	0.54	0.53	0.47	1.01	0.01	1.1%
NC_654	20	4435	1.07	1.03	0.17	1.06	1.05	0.99	1.01	1.06	1.08	0.60	0.59	0.51	1.08	0.02	1.6%
NC_655	45	4542	1.01	0.96	0.16	1.01	0.90	0.99	0.81	0.97	1.07	0.72	0.70	0.62	1.07	0.05	5.4%
NC_656	20	4436	8.62	8.67	0.85	8.90	9.05	8.90	8.44	7.66	9.12	4.87	4.83	4.21	9.12	0.22	2.4%
NC_657	180	4663	72.73	74.48	7.89	74.64	33.37	40.86	40.68	40.09	60.07	69.61	74.33	74.26	74.33	-0.31	-0.4%
NC_658	180	4659	107.05	107.06	12.18	107.61	50.44	60.82	60.37	59.96	89.72	106.96	107.61	108.78	108.78	1.17	1.1%
NC_659	20	4435	0.95	0.92	0.15	0.95	0.93	0.88	0.88	0.95	0.95	0.54	0.53	0.46	0.95	0.00	0.4%
NC_660	180	4663	72.24	74.00	7.96	74.19	33.33	40.80	40.62	40.02	59.87	69.20	73.80	73.67	73.80	-0.39	-0.5%
NC_661	20	4434	1.16	1.14	0.16	1.14	1.17	1.11	1.14	1.13	1.17	0.60	0.59	0.52	1.17	0.03	2.5%
NC_662	45	4536	0.78	0.75	0.12	0.79	0.64	0.73	0.61	0.75	0.79	0.58	0.55	0.50	0.79	0.00	-0.1%
NC_663	20	4435	0.49	0.49	0.09	0.51	0.46	0.44	0.48	0.51	0.51	0.26	0.26	0.22	0.51	0.00	0.4%
NC_664	20	4436	1.50	1.44	0.20	1.45	1.52	1.45	1.40	1.43	1.53	0.86	0.85	0.74	1.53	0.08	5.5%
NC_665	20	4435	0.71	0.71	0.11	0.73	0.65	0.69	0.55	0.73	0.73	0.48	0.47	0.41	0.73	0.00	0.3%
NC_666	180	4659	124.52	125.62	12.08	127.38	51.30	63.89	63.66	63.26	98.74	118.74	127.38	123.89	127.38	0.00	0.0%
NC_667	20	4435	0.44	0.44	0.08	0.46	0.38	0.41	0.32	0.46	0.43	0.30	0.29	0.26	0.46	0.00	0.9%
NC_668	45	4536	0.36	0.34	0.06	0.36	0.31	0.34	0.27	0.38	0.36	0.26	0.25	0.22	0.38	0.02	5.3%
NC_669	20	4434	0.55	0.56	0.10	0.56	0.53	0.51	0.56	0.56	0.58	0.28	0.27	0.24	0.58	0.02	3.0%
NC_670	15	4410	0.67	0.67	0.07	0.67	0.67	0.61	0.69	0.63	0.68	0.30	0.29	0.25	0.69	0.02	2.8%
NC_671	20	4435	0.43	0.43	0.08	0.46	0.38	0.40	0.32	0.46	0.42	0.29	0.28	0.25	0.46	0.00	-0.7%
NC_672	20	4435	1.29	1.24	0.18	1.24	1.30	1.24	1.23	1.24	1.30	0.73	0.73	0.63	1.30	0.06	5.2%
NC_673	15	4410	0.74	0.74	0.07	0.75	0.75	0.67	0.76	0.68	0.74	0.32	0.31	0.27	0.76	0.01	1.7%
NC_674	20	4435	0.50	0.50	0.09	0.51	0.47	0.45	0.49	0.51	0.52	0.26	0.26	0.22	0.52	0.01	1.8%
NC_675	20	4436	1.79	1.74	0.21	1.79	1.83	1.79	1.67	1.67	1.87	1.08	1.06	0.93	1.87	0.08	4.2%
NC_676	20	4435	1.20	1.17	0.16	1.17	1.18	1.17	1.04	1.17	1.23	0.74	0.73	0.63	1.23	0.06	5.3%
NC_677	15	4410	0.73	0.73	0.08	0.73	0.73	0.67	0.75	0.70	0.75	0.33	0.33	0.29	0.75	0.02	3.2%
NC_678	30	4513	1.84	1.82	0.19	1.83	1.59	1.81	1.66	1.71	1.88	1.31	1.25	1.11	1.88	0.05	2.9%
NC_679	20	4436	2.90	2.82	0.34	2.89	2.97	2.89	2.70	2.68	3.03	1.73	1.70	1.48	3.03	0.14	4.8%
NC_680	20	4435	0.41	0.40	0.08	0.44	0.37	0.37	0.34	0.44	0.41	0.25	0.24	0.21	0.44	-0.01	-1.1%
NC_681	15	4414	6.09	6.14	0.39	6.14	6.48	6.24	5.99	5.39	6.41	3.39	3.37	2.93	6.48	0.34	5.5%
NC_682	20	4435	0.98	0.97	0.14	0.99	0.93	0.94	0.82	0.99	1.00	0.63	0.62	0.54	1.00	0.01	0.8%
NC_683	45	4536	0.33	0.32	0.05	0.33	0.26	0.31	0.25	0.33	0.33	0.24	0.23	0.21	0.33	0.00	0.6%
NC_684	20	4435	0.95	0.93	0.16	0.95	0.93	0.88	0.92	0.95	0.96	0.52	0.51	0.44	0.96	0.01	0.9%

ARR2019 Results for 5%AEP Event																	
Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_685	20	4435	0.40	0.39	0.07	0.42	0.37	0.37	0.32	0.42	0.39	0.25	0.24	0.21	0.42	0.00	-1.0%
NC_686	45	4540	9.99	9.91	0.33	9.91	7.01	8.29	8.18	7.87	10.13	8.45	7.30	6.37	10.13	0.22	2.3%
NC_687	20	4440	3.64	3.66	0.26	3.72	3.56	3.81	3.44	3.28	3.93	2.37	2.32	2.03	3.93	0.21	5.5%
NC_688	20	4435	1.36	1.33	0.22	1.34	1.33	1.27	1.31	1.34	1.39	0.73	0.72	0.63	1.39	0.05	3.7%
NC_689	20	4434	0.56	0.57	0.10	0.57	0.55	0.52	0.57	0.57	0.59	0.28	0.27	0.24	0.59	0.02	2.8%
NC_690	30	4513	1.59	1.56	0.11	1.58	1.25	1.46	1.39	1.48	1.53	1.14	1.08	0.95	1.53	-0.05	-3.1%
NC_691	20	4435	0.43	0.43	0.07	0.46	0.37	0.40	0.32	0.46	0.43	0.30	0.29	0.26	0.46	0.00	-0.9%
NC_692	20	4436	1.17	1.16	0.10	1.18	1.14	1.18	1.04	1.11	1.20	0.67	0.66	0.58	1.20	0.02	1.6%
NC_693	45	4478	2.17	2.11	0.22	2.12	1.85	2.05	1.89	1.99	2.14	1.62	1.51	1.34	2.14	0.02	1.1%
NC_694	20	4435	0.54	0.54	0.08	0.56	0.48	0.52	0.41	0.56	0.55	0.37	0.36	0.31	0.56	0.00	0.4%
NC_695	20	4436	1.30	1.28	0.14	1.29	1.27	1.29	1.12	1.28	1.31	0.78	0.77	0.67	1.31	0.02	1.7%
NC_696	180	4659	107.40	107.47	12.11	108.12	50.40	60.81	60.39	59.99	89.76	107.08	108.12	108.95	108.95	0.83	0.8%
NC_697	20	4435	0.94	0.91	0.13	0.92	0.93	0.89	0.89	0.92	0.93	0.52	0.51	0.44	0.93	0.01	1.3%
NC_698	45	4536	0.37	0.35	0.05	0.36	0.29	0.33	0.28	0.36	0.36	0.27	0.26	0.23	0.36	0.00	0.3%
NC_699	15	4410	0.64	0.64	0.07	0.64	0.64	0.57	0.66	0.59	0.64	0.28	0.27	0.23	0.66	0.02	2.3%
NC_700	180	4659	124.21	125.38	12.43	127.12	51.37	64.01	63.78	63.37	98.86	118.83	127.12	123.89	127.12	0.00	0.0%
NC_701	20	4440	10.00	10.01	0.69	10.12	9.94	10.53	9.83	8.73	10.78	6.21	6.08	5.28	10.78	0.66	6.5%
NC_702	15	4410	0.59	0.58	0.07	0.59	0.59	0.53	0.60	0.56	0.60	0.26	0.26	0.23	0.60	0.01	2.2%
NC_703	15	4410	0.61	0.61	0.07	0.61	0.61	0.55	0.63	0.58	0.62	0.27	0.27	0.23	0.63	0.02	3.3%
NC_704	45	4536	0.36	0.34	0.06	0.36	0.29	0.33	0.27	0.37	0.36	0.26	0.25	0.22	0.37	0.01	2.2%
NC_705	45	4536	0.45	0.42	0.07	0.44	0.37	0.41	0.34	0.46	0.44	0.33	0.31	0.28	0.46	0.02	3.6%
NC_706	15	4412	3.57	3.59	0.24	3.60	3.81	3.60	3.57	3.06	3.70	1.89	1.88	1.63	3.81	0.21	5.9%
NC_707	20	4434	1.13	1.11	0.17	1.12	1.11	1.06	1.12	1.10	1.14	0.58	0.58	0.50	1.14	0.02	1.7%
NC_708	20	4440	9.79	9.81	0.72	9.94	9.82	10.29	9.54	8.60	10.52	5.99	5.88	5.14	10.52	0.58	5.8%
NC_709	30	4509	7.23	7.29	0.35	7.33	5.59	6.54	6.39	6.08	7.43	5.39	4.91	4.11	7.43	0.10	1.4%
NC_710	30	4513	2.75	2.72	0.22	2.76	2.21	2.57	2.43	2.40	2.75	2.05	1.91	1.71	2.75	-0.01	-0.4%
NC_711	20	4435	0.41	0.40	0.07	0.43	0.37	0.37	0.34	0.43	0.40	0.25	0.24	0.21	0.43	0.00	0.2%
NC_712	20	4435	0.51	0.52	0.09	0.52	0.49	0.47	0.51	0.52	0.53	0.26	0.25	0.22	0.53	0.01	2.7%
NC_713	20	4435	0.78	0.77	0.12	0.80	0.72	0.75	0.60	0.80	0.80	0.53	0.51	0.45	0.80	-0.01	-0.6%
NC_714	180	4659	123.76	124.96	12.80	126.64	51.44	64.11	63.88	63.48	98.94	118.85	126.64	123.85	126.64	0.00	0.0%
NC_715	45	4542	1.12	1.06	0.17	1.11	1.01	1.10	0.90	1.07	1.18	0.80	0.77	0.68	1.18	0.06	5.9%
NC_716	45	4536	0.46	0.44	0.07	0.45	0.39	0.43	0.34	0.48	0.45	0.33	0.31	0.28	0.48	0.03	7.3%
NC_717	20	4435	0.82	0.80	0.13	0.83	0.79	0.77	0.71	0.83	0.82	0.50	0.49	0.42	0.83	0.00	0.1%
NC_718	45	4542	1.23	1.17	0.19	1.23	1.05	1.18	0.96	1.20	1.27	0.88	0.85	0.75	1.27	0.04	3.3%
NC_719	60	4573	2.43	2.42	0.15	2.43	1.59	1.85	1.84	1.81	2.43	2.36	2.01	1.85	2.43	0.00	-0.1%
NC_720	45	4542	2.08	1.98	0.32	2.07	1.82	2.03	1.72	1.93	2.18	1.49	1.45	1.29	2.18	0.11	5.2%
NC_721	20	4434	0.54	0.54	0.09	0.54	0.52	0.49	0.54	0.54	0.56	0.27	0.26	0.23	0.56	0.02	3.7%
NC_722	20	4435	0.92	0.89	0.15	0.93	0.89	0.85	0.85	0.93	0.92	0.53	0.52	0.46	0.93	0.00	-0.2%
NC_723	20	4435	0.80	0.78	0.11	0.79	0.78	0.76	0.76	0.79	0.80	0.49	0.48	0.42	0.80	0.01	1.1%
NC_724	20	4435	0.52	0.51	0.09	0.55	0.48	0.47	0.44	0.55	0.51	0.33	0.32	0.28	0.55	0.00	0.0%
NC_725	30	4509	7.40	7.46	0.42	7.50	5.93	6.86	6.66	6.29	7.54	5.32	4.86	4.14	7.54	0.04	0.5%
NC_726	45	4536	0.33	0.31	0.05	0.33	0.27	0.31	0.25	0.34	0.33	0.23	0.23	0.20	0.34	0.01	3.0%
NC_727	20	4435	0.46	0.46	0.09	0.48	0.43	0.41	0.44	0.48	0.48	0.25	0.25	0.22	0.48	0.00	0.4%
NC_728	20	4435	0.51	0.50	0.09	0.53	0.46	0.46	0.42	0.53	0.50	0.32	0.31	0.27	0.53	0.00	0.6%
NC_729	20	4440	8.63	8.65	0.76	8.86	8.81	9.00	8.28	7.72	9.23	5.14	5.07	4.45	9.23	0.37	4.1%
NC_730	180	4659	110.06	110.55	12.81	111.15	50.72	61.24	60.84	60.44	90.53	108.01	111.15	113.26	113.26	2.11	1.9%
NC_731	20	4435	0.52	0.52	0.09	0.52	0.49	0.47	0.52	0.52	0.54	0.26	0.26	0.22	0.54	0.02	3.5%
NC_732	180	4659	123.00	124.08	13.18	125.69	51.53	64.26	64.03	63.63	99.05	118.86	125.69	123.65	125.69	0.00	0.0%
NC_733	20	4435	0.87	0.86	0.11	0.87	0.84	0.84	0.74	0.87	0.87	0.53	0.52	0.45	0.87	0.00	0.0%
NC_734	20	4435	0.51	0.51	0.09	0.52	0.47	0.46	0.50	0.52	0.53	0.26	0.26	0.22	0.53	0.01	1.3%
NC_735	15	4410	0.58	0.58	0.07	0.58	0.58	0.54	0.60	0.56	0.60	0.27	0.26	0.23	0.60	0.02	3.3%
NC_736	15	4412	1.33	1.33	0.14	1.33	1.33	1.22	1.37	1.23	1.33	0.60	0.59	0.51	1.37	0.04	2.9%
NC_737	15	4411	3.06	3.10	0.24	3.15	3.22	3.03	3.09	2.74	3.16	1.61	1.59	1.38	3.22	0.06	2.1%
NC_738	45	4536	0.32	0.31	0.05	0.32	0.26	0.30	0.25	0.33	0.32	0.23	0.23	0.20	0.33	0.01	3.8%
NC_739	15	4412	0.69	0.68	0.08	0.68	0.68	0.63	0.71	0.67	0.71	0.33	0.32	0.28	0.71	0.03	4.4%
NC_740	45	4541	6.46	6.39	0.26	6.43	4.09	5.01	4.99	4.85	6.34	5.57	4.72	4.26	6.34	-0.09	-1.4%
NC_741	180	4659	123.06	124.18	13.05	125.78	51.42	64.09	63.86	63.45	98.86	118.67	125.78	123.51	125.78	0.00	0.0%
NC_742	20	4434	1.57	1.54	0.20	1.57	1.61	1.52	1.57	1.47	1.59	0.80	0.79	0.68	1.61	0.04	2.4%
NC_743	20	4435	0.45	0.44	0.08	0.47	0.41	0.40	0.38	0.47	0.45	0.27	0.26	0.23	0.47	0.00	0.9%
NC_744	45	4542	5.17	5.01	0.70	5.15	4.27	4.86	4.41	4.48	5.29	3.91	3.66	3.33	5.29	0.14	2.7%
NC_745	20	4436	6.83	6.85	0.66	7.06	6.98	7.06	6.48	6.15	7.29	4.05	4.00	3.51	7.29	0.23	3.2%
NC_746	15	4412	0.54	0.53	0.07	0.53	0.52	0.49	0.55	0.54	0.56	0.26	0.26	0.22	0.56	0.03	5.3%
NC_747	20	4435	0.98	0.96	0.14	0.96	0.98	0.92	0.95	0.96	0.98	0.53	0.52	0.45	0.98	0.02	2.5%
NC_748	20	4435	0.46	0.45	0.09	0.48	0.42	0.40	0.42	0.48	0.47	0.26	0.25	0.22	0.48	0.00	-0.4%
NC_749	30	4509	5.32	5.36	0.44	5.37	4.75	5.29	5.04	4.72	5.53	3.51	3.31	2.88	5.53	0.16	2.9%
NC_750	180	4659	121.56	121.49	14.33	122.50	57.68	70.08	69.62	69.17	101.21	120.74	122.50	124.27	124.27	1.77	1.4%
NC_751	15	4410	0.56	0.55	0.07	0.55	0.55	0.51	0.57	0.55	0.58	0.26	0.26	0.22	0.58	0.03	4.7%
NC_752	20	4434	1.10	1.09	0.16	1.13	1.08	1.05	1.13	1.06	1.12	0.54	0.53	0.46	1.13	0.00	-0.4%
NC_753	20	4435	0.71	0.71	0.12	0.71	0.68	0.65	0.71	0.71	0.73	0.36	0.36	0.31	0.73	0.02	3.2%
NC_754	60	4565	0.73	0.74	0.12	0.76	0.46	0.57	0.54	0.59	0.63	0.61	0.56	0.52	0.63	-0.13	-17.4%
NC_755	20	4435	0.77	0.75	0.11	0.78	0.72	0.72	0.69	0.78	0.75	0.51	0.49	0.43	0.78	0.00	-0.5%
NC_756	180	4659	121.56	121.43	14.39	122.41	57.95	70.35	69.87	69.39	101.27	120.88	122.41	124.49	124.49	2.08	1.7%
NC_757	20	4435	0.40	0.39	0.07	0.42	0.36	0.36	0.32	0.42	0.39	0.24	0.24	0.21	0.42	0.00	0.0%
NC_758	20	4435	0.45	0.45	0.09	0.48	0.42	0.40	0.43	0.48	0.47	0.25	0.25	0.22	0.48	0.00	-0.8%
NC_759	15	4410	0.65	0.65	0.07	0.65	0.65	0.60	0.67	0.63	0.67	0.30	0.29	0.25	0.67	0.02	3.4%
NC_760	15	4410	2.66	2.66	0.25	2.69	2.69	2.56	2.69	2.47	2.71	1.36	1.34	1.16	2.71	0.02	0.9%

Catchment Simulation Solutions

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_761	20	4435	0.34	0.34	0.06	0.36	0.29	0.32	0.26	0.36	0.34	0.24	0.23	0.20	0.36	0.00	0.3%
NC_762	20	4436	0.87	0.86	0.09	0.87	0.83	0.87	0.74	0.85	0.90	0.54	0.53	0.46	0.90	0.03	3.0%
NC_763	45	4542	1.33	1.27	0.20	1.32	1.12	1.27	1.08	1.23	1.38	0.95	0.92	0.82	1.38	0.05	4.2%
NC_764	20	4435	0.36	0.36	0.06	0.38	0.31	0.33	0.26	0.38	0.35	0.24	0.24	0.21	0.38	0.00	0.8%
NC_765	30	4509	1.21	1.21	0.13	1.23	1.08	1.25	1.15	1.10	1.27	0.78	0.77	0.67	1.27	0.04	3.5%
NC_766	15	4410	1.41	1.40	0.14	1.41	1.41	1.35	1.45	1.33	1.42	0.70	0.69	0.60	1.45	0.04	2.6%
NC_767	60	4572	10.75	10.87	0.64	11.02	5.39	6.81	6.75	6.69	10.05	10.75	9.50	7.94	10.75	-0.27	-2.5%
NC_768	15	4410	0.58	0.58	0.07	0.58	0.58	0.53	0.60	0.56	0.60	0.26	0.26	0.23	0.60	0.02	2.9%
NC_769	45	4542	4.86	4.78	0.38	4.83	3.70	4.37	4.23	3.98	4.96	3.97	3.52	3.05	4.96	0.13	2.6%
NC_770	180	4659	121.52	121.49	14.30	122.53	57.45	69.83	69.40	68.97	101.14	120.61	122.53	124.22	124.22	1.69	1.4%
NC_771	15	4412	0.81	0.80	0.09	0.80	0.80	0.74	0.83	0.78	0.83	0.38	0.38	0.33	0.83	0.03	3.4%
NC_772	20	4435	0.52	0.52	0.09	0.53	0.50	0.47	0.52	0.53	0.54	0.26	0.26	0.22	0.54	0.01	2.3%
NC_773	20	4435	0.42	0.41	0.08	0.44	0.38	0.38	0.36	0.44	0.42	0.25	0.24	0.21	0.44	0.00	0.9%
NC_774	15	4410	2.75	2.75	0.27	2.78	2.78	2.65	2.76	2.57	2.79	1.40	1.38	1.20	2.79	0.01	0.4%
NC_775	15	4412	0.82	0.81	0.09	0.81	0.80	0.76	0.84	0.81	0.85	0.41	0.40	0.35	0.85	0.04	4.6%
NC_776	45	4536	0.62	0.60	0.10	0.63	0.52	0.58	0.48	0.61	0.63	0.46	0.44	0.40	0.63	0.00	-0.6%
NC_777	30	4509	4.63	4.65	0.38	4.69	3.90	4.44	4.24	3.92	4.80	3.54	3.22	2.82	4.80	0.11	2.3%
NC_778	15	4412	0.54	0.53	0.07	0.53	0.53	0.50	0.55	0.54	0.56	0.26	0.26	0.22	0.56	0.03	6.2%
NC_779	30	4513	5.28	5.27	0.46	5.30	4.56	5.14	4.81	4.68	5.42	4.20	3.69	3.51	5.42	0.12	2.2%
NC_780	45	4478	3.43	3.36	0.33	3.41	2.87	3.22	3.06	2.91	3.45	2.90	2.50	2.37	3.45	0.04	1.3%
NC_781	45	4478	0.69	0.66	0.10	0.66	0.49	0.60	0.53	0.61	0.66	0.53	0.50	0.45	0.66	0.00	-0.2%
NC_782	15	4410	0.84	0.84	0.09	0.84	0.84	0.77	0.87	0.79	0.85	0.37	0.37	0.32	0.87	0.03	3.0%
NC_783	20	4435	0.78	0.77	0.12	0.79	0.72	0.74	0.61	0.79	0.78	0.50	0.49	0.43	0.79	0.00	0.1%
NC_784	20	4434	3.02	3.00	0.37	3.01	3.15	2.98	3.01	2.76	3.15	1.63	1.60	1.40	3.15	0.14	4.8%
NC_785	45	4542	2.19	2.11	0.32	2.20	1.83	2.07	1.77	2.00	2.24	1.61	1.55	1.38	2.24	0.03	1.6%
NC_786	15	4410	0.61	0.60	0.07	0.60	0.60	0.55	0.62	0.59	0.62	0.28	0.27	0.24	0.62	0.02	3.7%
NC_787	30	4509	4.66	4.66	0.52	4.68	4.32	4.72	4.42	4.07	4.95	3.39	3.18	2.80	4.95	0.27	5.7%
NC_788	45	4536	0.37	0.35	0.06	0.36	0.30	0.34	0.28	0.38	0.36	0.26	0.25	0.23	0.38	0.02	5.3%
NC_789	60	4572	10.81	10.97	0.67	11.13	5.46	6.88	6.82	6.75	10.11	10.77	9.38	7.95	10.77	-0.36	-3.2%
NC_790	20	4435	0.63	0.63	0.11	0.63	0.61	0.59	0.62	0.63	0.65	0.32	0.32	0.27	0.65	0.02	3.2%
NC_791	20	4434	1.08	1.06	0.16	1.09	1.07	1.03	1.09	1.03	1.09	0.54	0.53	0.46	1.09	0.00	0.1%
NC_792	20	4436	3.42	3.36	0.42	3.39	3.55	3.39	3.34	3.17	3.56	1.90	1.87	1.64	3.56	0.17	4.9%
NC_793	15	4410	1.79	1.80	0.17	1.84	1.84	1.74	1.79	1.65	1.81	0.91	0.90	0.78	1.84	0.00	0.1%
NC_794	20	4436	4.13	4.09	0.45	4.22	4.29	4.22	3.97	3.74	4.40	2.40	2.37	2.08	4.40	0.18	4.2%
NC_795	15	4409	0.68	0.69	0.06	0.69	0.69	0.61	0.70	0.61	0.67	0.29	0.27	0.24	0.70	0.01	1.7%
NC_796	45	4541	0.73	0.69	0.10	0.69	0.50	0.62	0.57	0.61	0.67	0.59	0.54	0.50	0.67	-0.02	-2.3%
NC_797	20	4436	3.66	3.62	0.38	3.72	3.80	3.72	3.49	3.35	3.89	2.38	2.30	2.05	3.89	0.17	4.5%
NC_798	20	4435	0.48	0.48	0.09	0.51	0.43	0.44	0.38	0.51	0.47	0.32	0.31	0.27	0.51	0.00	0.0%
NC_799	20	4434	0.53	0.53	0.09	0.53	0.51	0.48	0.53	0.53	0.55	0.26	0.26	0.22	0.55	0.02	3.8%
NC_800	20	4435	0.40	0.40	0.07	0.43	0.36	0.38	0.30	0.43	0.40	0.26	0.25	0.22	0.43	0.00	-0.7%
NC_801	45	4536	0.35	0.34	0.06	0.35	0.29	0.33	0.27	0.36	0.35	0.26	0.25	0.22	0.36	0.01	4.0%
NC_802	20	4436	1.36	1.32	0.16	1.35	1.40	1.35	1.25	1.28	1.39	0.76	0.76	0.66	1.40	0.05	3.4%
NC_803	60	4565	1.90	1.92	0.22	1.97	1.55	1.68	1.51	1.64	1.76	1.69	1.43	1.42	1.76	-0.21	-10.5%
NC_804	20	4434	1.32	1.30	0.18	1.35	1.31	1.26	1.35	1.26	1.34	0.65	0.64	0.56	1.35	0.00	-0.2%
NC_805	20	4434	2.68	2.63	0.37	2.69	2.68	2.56	2.69	2.53	2.76	1.38	1.36	1.18	2.76	0.07	2.7%
NC_806	20	4434	0.65	0.65	0.11	0.66	0.63	0.60	0.66	0.65	0.67	0.32	0.32	0.28	0.67	0.01	1.8%
NC_807	15	4410	0.63	0.63	0.07	0.63	0.63	0.57	0.65	0.61	0.65	0.29	0.29	0.25	0.65	0.02	2.5%
NC_808	45	4536	0.32	0.30	0.05	0.32	0.25	0.29	0.24	0.32	0.32	0.23	0.22	0.20	0.32	0.00	0.3%
NC_809	20	4434	1.01	0.99	0.15	1.00	1.02	0.96	1.00	0.98	1.02	0.52	0.52	0.45	1.02	0.02	1.7%
NC_810	20	4435	0.38	0.38	0.06	0.40	0.34	0.36	0.28	0.40	0.39	0.25	0.25	0.22	0.40	0.00	-0.5%
NC_811	20	4435	0.41	0.41	0.07	0.44	0.37	0.38	0.32	0.44	0.40	0.27	0.26	0.23	0.44	0.00	0.2%
NC_812	15	4410	0.66	0.66	0.08	0.66	0.66	0.61	0.68	0.64	0.68	0.31	0.30	0.26	0.68	0.02	3.3%
NC_813	20	4434	0.54	0.54	0.09	0.55	0.53	0.49	0.55	0.54	0.56	0.26	0.26	0.23	0.56	0.01	2.2%
NC_814	20	4436	2.75	2.69	0.30	2.76	2.80	2.76	2.56	2.56	2.91	1.86	1.78	1.59	2.91	0.15	5.5%
NC_815	60	4572	10.81	11.03	0.74	11.20	5.49	6.93	6.86	6.80	10.13	10.73	9.13	7.94	10.73	-0.47	-4.2%
NC_816	20	4435	0.52	0.53	0.09	0.53	0.50	0.48	0.52	0.53	0.54	0.26	0.26	0.22	0.54	0.01	2.5%
NC_817	15	4410	0.65	0.65	0.07	0.65	0.65	0.59	0.67	0.62	0.66	0.29	0.29	0.25	0.67	0.02	2.9%
NC_818	15	4410	0.61	0.60	0.07	0.60	0.60	0.55	0.62	0.58	0.62	0.27	0.27	0.24	0.62	0.02	3.8%
NC_819	15	4410	0.67	0.67	0.07	0.67	0.67	0.60	0.69	0.62	0.67	0.29	0.28	0.24	0.69	0.02	2.8%
NC_820	15	4410	0.57	0.57	0.07	0.57	0.57	0.52	0.59	0.56	0.59	0.27	0.26	0.23	0.59	0.02	3.3%
NC_821	20	4434	0.62	0.62	0.10	0.63	0.60	0.57	0.63	0.62	0.64	0.30	0.30	0.26	0.64	0.01	1.7%
NC_822	15	4410	0.63	0.63	0.07	0.63	0.63	0.58	0.65	0.60	0.65	0.28	0.28	0.24	0.65	0.02	3.2%
NC_823	20	4435	0.38	0.37	0.07	0.40	0.33	0.35	0.28	0.40	0.37	0.25	0.24	0.21	0.40	0.00	0.0%
NC_824	20	4436	2.41	2.33	0.30	2.35	2.40	2.35	2.21	2.32	2.48	1.62	1.55	1.39	2.48	0.13	5.4%
NC_825	45	4536	0.50	0.48	0.08	0.50	0.43	0.47	0.38	0.53	0.50	0.36	0.35	0.31	0.53	0.03	5.4%
NC_826	20	4434	0.55	0.56	0.10	0.56	0.54	0.51	0.56	0.56	0.58	0.27	0.27	0.24	0.58	0.02	3.0%
NC_827	60	4565	10.65	10.94	0.84	11.10	5.49	6.91	6.84	6.77	10.02	10.49	8.71	7.78	10.49	-0.61	-5.5%
NC_828	20	4435	0.79	0.78	0.11	0.80	0.75	0.76	0.67	0.80	0.79	0.50	0.49	0.43	0.80	0.00	-0.3%
NC_829	60	4565	1.60	1.64	0.19	1.66	1.14	1.29	1.23	1.28	1.44	1.45	1.20	1.18	1.45	-0.21	-12.5%
NC_830	20	4435	1.52	1.49	0.20	1.52	1.44	1.47	1.28	1.52	1.55	1.10	1.05	0.95	1.55	0.03	2.2%
NC_831	20	4435	0.53	0.53	0.09	0.53	0.51	0.48	0.53	0.53	0.55	0.26	0.26	0.22	0.55	0.02	3.6%
NC_832	60	4565	1.45	1.47	0.20	1.53	1.01	1.19	1.13	1.18	1.29	1.24	1.10	1.04	1.29	-0.24	-15.8%
NC_833	20	4435	0.46	0.46	0.09	0.48	0.43	0.41	0.43	0.48	0.47	0.26	0.25	0.22	0.48	0.00	0.8%
NC_834	60	4565	10.71	11.03	0.91	11.12	5.58	7.00	6.92	6.85	10.10	10.53	8.59	7.84	10.53	-0.59	-5.3%
NC_835	45	4536	0.68	0.65	0.09	0.65	0.56	0.61	0.51	0.66	0.65	0.53	0.50	0.46	0.66	0.01	1.5%
NC_836	20	4435	0.42	0.41	0.06	0.42	0.40	0.40	0.35	0.42	0.42	0.26	0.25	0.22	0.42	0.00	0.7%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_837	20	4435	0.34	0.34	0.06	0.36	0.29	0.32	0.26	0.36	0.34	0.24	0.23	0.20	0.36	0.00	0.0%
NC_838	20	4435	0.39	0.38	0.06	0.39	0.37	0.38	0.32	0.39	0.40	0.25	0.25	0.22	0.40	0.01	2.3%
NC_839	60	4565	10.08	10.39	0.89	10.48	5.26	6.60	6.53	6.46	9.57	9.87	8.02	7.37	9.87	-0.61	-5.8%
NC_840	45	4478	1.26	1.21	0.17	1.21	0.91	1.10	1.01	1.05	1.20	0.99	0.93	0.85	1.20	-0.01	-0.9%
NC_841	20	4435	0.45	0.44	0.08	0.47	0.40	0.41	0.35	0.47	0.43	0.29	0.28	0.25	0.47	0.00	0.6%
NC_842	60	4565	1.38	1.39	0.19	1.44	0.90	1.07	1.02	1.02	1.20	1.22	1.05	1.01	1.22	-0.22	-15.1%
NC_843	45	4536	0.65	0.62	0.09	0.65	0.54	0.61	0.52	0.63	0.65	0.48	0.46	0.41	0.65	0.00	-0.6%
NC_844	20	4435	0.56	0.56	0.10	0.58	0.53	0.51	0.55	0.58	0.58	0.30	0.29	0.25	0.58	0.00	0.5%
NC_845	60	4565	10.07	10.38	0.91	10.42	5.28	6.59	6.52	6.45	9.59	9.85	7.91	7.39	9.85	-0.57	-5.4%
NC_846	20	4436	1.93	1.91	0.18	1.95	1.88	1.95	1.69	1.83	2.02	1.29	1.25	1.11	2.02	0.07	3.6%
NC_847	30	4513	2.53	2.53	0.17	2.55	2.01	2.35	2.27	2.16	2.52	1.90	1.75	1.57	2.52	-0.03	-1.0%
NC_848	20	4435	0.42	0.41	0.07	0.44	0.37	0.38	0.32	0.44	0.40	0.27	0.26	0.23	0.44	0.00	0.7%
NC_849	45	4536	0.33	0.32	0.05	0.33	0.28	0.31	0.25	0.35	0.33	0.24	0.23	0.20	0.35	0.02	6.1%
NC_850	45	4541	1.66	1.62	0.16	1.63	1.38	1.53	1.40	1.51	1.59	1.47	1.23	1.22	1.59	-0.04	-2.2%
NC_851	60	4565	8.20	8.45	0.74	8.58	4.27	5.43	5.38	5.36	7.85	7.85	6.43	5.81	7.85	-0.73	-8.5%
NC_852	60	4565	0.59	0.59	0.10	0.61	0.36	0.47	0.44	0.48	0.52	0.48	0.45	0.41	0.52	-0.09	-15.2%
NC_853	15	4412	0.58	0.57	0.07	0.57	0.57	0.53	0.59	0.57	0.60	0.28	0.27	0.24	0.60	0.03	4.7%
NC_854	30	4509	2.01	2.01	0.19	2.01	1.75	2.00	1.86	1.79	2.07	1.45	1.38	1.24	2.07	0.06	2.9%
NC_855	20	4435	0.83	0.82	0.14	0.84	0.78	0.74	0.80	0.84	0.84	0.49	0.48	0.42	0.84	0.00	0.4%
NC_856	45	4536	0.67	0.65	0.09	0.65	0.52	0.61	0.53	0.63	0.65	0.52	0.49	0.45	0.65	0.00	0.0%
NC_857	15	4412	0.59	0.58	0.07	0.58	0.58	0.54	0.60	0.58	0.61	0.27	0.27	0.24	0.61	0.03	4.7%
NC_858	45	4539	1.40	1.36	0.15	1.37	1.24	1.30	1.14	1.32	1.35	1.18	1.03	0.99	1.35	-0.02	-1.3%
NC_859	20	4435	0.36	0.36	0.07	0.39	0.32	0.34	0.26	0.39	0.35	0.24	0.23	0.21	0.39	-0.01	-1.3%
NC_860	60	4572	6.27	6.34	0.54	6.48	3.37	4.25	4.21	4.17	6.13	5.93	4.96	4.32	6.13	-0.36	-5.5%
NC_861	15	4412	0.57	0.56	0.07	0.56	0.56	0.52	0.58	0.56	0.58	0.26	0.26	0.23	0.58	0.02	4.3%
NC_862	45	4478	1.07	1.04	0.12	1.04	0.87	0.94	0.83	0.99	0.99	0.88	0.80	0.75	0.99	-0.05	-4.7%
NC_863	60	4573	5.85	5.94	0.53	6.09	3.29	4.13	4.09	4.04	5.75	5.41	4.54	3.98	5.75	-0.34	-5.6%
NC_864	20	4434	0.56	0.56	0.10	0.56	0.54	0.51	0.57	0.56	0.58	0.28	0.27	0.24	0.58	0.02	3.9%
NC_865	45	4536	0.64	0.62	0.09	0.65	0.54	0.61	0.52	0.62	0.65	0.48	0.46	0.41	0.65	0.00	-0.6%
NC_866	20	4435	0.40	0.40	0.07	0.43	0.36	0.36	0.33	0.43	0.40	0.25	0.24	0.21	0.43	0.00	-0.9%
NC_867	20	4435	0.85	0.84	0.10	0.85	0.80	0.84	0.70	0.85	0.87	0.55	0.54	0.47	0.87	0.02	2.2%
NC_868	45	4541	3.57	3.51	0.19	3.53	2.18	2.71	2.68	2.65	3.43	3.03	2.60	2.29	3.43	-0.10	-2.8%
NC_869	60	4573	2.35	2.40	0.23	2.47	1.33	1.68	1.65	1.62	2.28	2.18	1.82	1.60	2.28	-0.19	-7.7%
NC_870	60	4573	2.42	2.44	0.22	2.51	1.30	1.65	1.63	1.60	2.36	2.29	1.93	1.67	2.36	-0.15	-6.1%
NC_871	45	4536	0.61	0.58	0.08	0.60	0.50	0.56	0.48	0.59	0.60	0.46	0.44	0.39	0.60	0.00	-0.2%
NC_872	45	4541	2.53	2.49	0.13	2.50	1.69	2.05	2.03	1.97	2.47	2.06	1.79	1.58	2.47	-0.03	-1.1%
NC_873	45	4478	1.06	1.01	0.13	1.02	0.84	0.99	0.90	0.96	1.04	0.81	0.76	0.69	1.04	0.02	1.8%
NC_874	20	4435	0.44	0.44	0.08	0.47	0.41	0.40	0.40	0.47	0.45	0.25	0.25	0.22	0.47	0.00	-0.4%
NC_875	60	4568	2.25	2.32	0.25	2.36	1.37	1.72	1.68	1.65	2.14	2.02	1.71	1.53	2.14	-0.22	-9.2%
NC_876	30	4509	2.11	2.13	0.09	2.14	1.60	1.88	1.84	1.75	2.12	1.59	1.43	1.24	2.12	-0.02	-1.2%
NC_877	45	4539	2.17	2.11	0.19	2.13	1.43	1.77	1.71	1.67	2.06	1.86	1.62	1.48	2.06	-0.07	-3.5%
NC_878	20	4435	0.81	0.80	0.11	0.82	0.77	0.78	0.69	0.82	0.81	0.53	0.51	0.45	0.82	0.00	0.0%
NC_879	30	4513	2.05	2.06	0.15	2.06	1.72	1.96	1.90	1.78	2.09	1.41	1.32	1.16	2.09	0.03	1.6%
NC_880	60	4565	0.76	0.76	0.12	0.79	0.39	0.53	0.52	0.53	0.64	0.67	0.59	0.56	0.67	-0.12	-15.1%
NC_881	15	4410	0.61	0.61	0.07	0.61	0.61	0.56	0.63	0.59	0.63	0.28	0.28	0.24	0.63	0.02	2.6%
NC_882	20	4435	0.46	0.46	0.08	0.49	0.41	0.43	0.34	0.49	0.46	0.32	0.31	0.28	0.49	0.00	0.6%
NC_883	45	4478	2.10	2.02	0.24	2.03	1.53	1.84	1.75	1.73	2.01	1.67	1.53	1.41	2.01	-0.02	-1.0%
NC_884	20	4435	0.53	0.53	0.10	0.54	0.50	0.48	0.53	0.54	0.55	0.27	0.27	0.24	0.55	0.01	2.0%
NC_885	15	4410	0.57	0.56	0.07	0.56	0.57	0.52	0.58	0.56	0.59	0.26	0.26	0.23	0.59	0.03	4.8%
NC_886	20	4436	1.66	1.64	0.16	1.67	1.66	1.67	1.48	1.58	1.71	0.99	0.98	0.86	1.71	0.04	2.2%
NC_887	20	4435	0.89	0.87	0.12	0.88	0.88	0.85	0.83	0.88	0.88	0.51	0.50	0.44	0.88	0.00	0.3%
NC_888	20	4435	0.53	0.53	0.10	0.54	0.50	0.48	0.52	0.54	0.55	0.27	0.27	0.23	0.55	0.01	1.9%
NC_889	45	4536	0.33	0.32	0.05	0.33	0.28	0.31	0.25	0.35	0.33	0.24	0.23	0.20	0.35	0.02	5.5%
NC_890	45	4541	0.96	0.90	0.14	0.91	0.65	0.81	0.74	0.80	0.88	0.77	0.72	0.66	0.88	-0.03	-3.5%
NC_891	20	4435	0.35	0.35	0.06	0.37	0.30	0.32	0.26	0.37	0.34	0.24	0.23	0.21	0.37	0.00	-0.3%
NC_892	20	4435	0.38	0.38	0.07	0.40	0.34	0.35	0.28	0.40	0.37	0.25	0.24	0.21	0.40	0.00	1.0%
NC_893	45	4536	0.44	0.42	0.07	0.44	0.37	0.41	0.34	0.46	0.44	0.32	0.31	0.28	0.46	0.02	3.6%
NC_894	20	4435	0.48	0.48	0.09	0.51	0.43	0.45	0.37	0.51	0.47	0.33	0.32	0.28	0.51	0.00	0.8%
NC_895	45	4536	0.33	0.31	0.05	0.33	0.27	0.30	0.25	0.34	0.33	0.23	0.23	0.20	0.34	0.01	2.4%
NC_896	45	4536	0.33	0.31	0.05	0.33	0.26	0.30	0.25	0.33	0.33	0.24	0.23	0.21	0.33	0.00	-0.9%
NC_897	20	4435	0.34	0.34	0.05	0.36	0.29	0.32	0.26	0.36	0.34	0.24	0.23	0.21	0.36	0.00	-0.3%
NC_898	45	4541	1.12	1.06	0.16	1.06	0.68	0.89	0.84	0.87	1.02	0.89	0.83	0.76	1.02	-0.04	-3.8%
NC_899	45	4536	0.38	0.36	0.06	0.38	0.30	0.35	0.29	0.38	0.38	0.29	0.27	0.24	0.38	0.00	-0.8%
NC_900	45	4541	0.68	0.64	0.10	0.65	0.49	0.59	0.53	0.61	0.64	0.55	0.51	0.47	0.64	-0.01	-1.8%
NC_901	20	4435	0.41	0.41	0.07	0.44	0.37	0.38	0.32	0.44	0.40	0.26	0.26	0.23	0.44	0.00	-0.2%
NC_902	45	4536	0.66	0.64	0.09	0.67	0.58	0.63	0.53	0.66	0.67	0.49	0.47	0.42	0.67	0.00	-0.1%
NC_903	45	4541	1.44	1.35	0.21	1.36	1.04	1.23	1.12	1.22	1.33	1.14	1.08	0.98	1.33	-0.03	-2.0%
NC_904	15	4412	0.56	0.55	0.07	0.55	0.55	0.51	0.57	0.55	0.58	0.26	0.26	0.22	0.58	0.03	4.7%
NC_905	60	4565	1.46	1.49	0.22	1.54	0.96	1.19	1.14	1.13	1.34	1.22	1.10	1.02	1.34	-0.20	-13.2%
NC_906	45	4536	0.36	0.34	0.05	0.36	0.29	0.33	0.28	0.36	0.36	0.27	0.26	0.23	0.36	0.00	0.0%
NC_907	20	4435	1.04	1.01	0.14	1.04	1.01	0.99	0.93	1.04	1.02	0.61	0.60	0.52	1.04	0.00	-0.4%
NC_908	60	4568	1.86	1.88	0.16	1.92	0.84	1.10	1.09	1.10	1.71	1.95	1.49	1.60	1.95	0.03	1.7%
NC_909	20	4435	0.42	0.41	0.08	0.45	0.38	0.38	0.36	0.45	0.42	0.25	0.25	0.22	0.45	-0.01	-1.1%
NC_910	45	4536	0.32	0.31	0.05	0.32	0.26	0.30	0.25	0.33	0.32	0.23	0.22	0.20	0.33	0.01	3.1%
NC_911	20	4435	0.30	0.30	0.06	0.32	0.28	0.26	0.28	0.32	0.31	0.16	0.16	0.14	0.32	0.00	-0.3%
NC_912	20	4435	0.51	0.51	0.09	0.52	0.48	0.46	0.50	0.52	0.53	0.26	0.25	0.22	0.53	0.01	1.3%

ARR2019 Results for 5%AEP Event																	
Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_913	20	4436	2.00	1.95	0.24	1.98	2.08	1.98	1.92	1.84	2.08	1.15	1.14	0.99	2.08	0.10	5.1%
NC_914	20	4435	1.70	1.65	0.22	1.65	1.70	1.64	1.57	1.65	1.69	0.98	0.96	0.84	1.70	0.05	2.9%
NC_915	20	4435	1.57	1.50	0.22	1.50	1.59	1.50	1.49	1.50	1.60	0.89	0.88	0.77	1.60	0.10	6.9%
NC_916	15	4412	0.61	0.60	0.07	0.60	0.60	0.55	0.62	0.59	0.62	0.28	0.28	0.24	0.62	0.02	4.0%
NC_917	60	4565	0.85	0.87	0.15	0.90	0.50	0.66	0.63	0.65	0.76	0.70	0.65	0.59	0.76	-0.14	-15.3%
NC_918	20	4435	0.35	0.35	0.06	0.37	0.30	0.33	0.26	0.37	0.35	0.24	0.23	0.21	0.37	0.00	0.8%
NC_919	45	4536	1.20	1.17	0.16	1.18	1.01	1.11	0.97	1.12	1.18	0.94	0.88	0.81	1.18	0.00	-0.3%
NC_920	20	4436	2.27	2.24	0.23	2.29	2.31	2.29	2.11	2.11	2.41	1.56	1.50	1.35	2.41	0.12	5.0%
NC_921	20	4434	0.57	0.58	0.10	0.58	0.56	0.53	0.58	0.57	0.60	0.28	0.28	0.24	0.60	0.02	2.6%
NC_922	45	4536	0.32	0.30	0.05	0.32	0.25	0.29	0.24	0.32	0.32	0.23	0.22	0.20	0.32	0.00	0.3%
NC_923	60	4565	0.54	0.55	0.10	0.56	0.33	0.44	0.41	0.44	0.48	0.44	0.41	0.38	0.48	-0.08	-13.8%
NC_924	45	4536	0.32	0.31	0.05	0.32	0.26	0.30	0.25	0.33	0.32	0.23	0.22	0.20	0.33	0.01	1.9%
NC_925	60	4568	3.30	3.42	0.33	3.42	2.23	2.67	2.65	2.51	3.09	3.03	2.49	2.39	3.09	-0.34	-9.8%
NC_926	60	4565	1.00	1.01	0.16	1.05	0.53	0.71	0.69	0.70	0.87	0.86	0.76	0.72	0.87	-0.18	-17.3%
NC_927	45	4536	0.34	0.33	0.05	0.34	0.29	0.32	0.26	0.36	0.34	0.25	0.24	0.21	0.36	0.02	5.3%
NC_928	20	4435	0.47	0.47	0.08	0.50	0.42	0.44	0.35	0.50	0.46	0.32	0.31	0.28	0.50	0.00	0.2%
NC_929	20	4436	1.79	1.75	0.21	1.75	1.74	1.75	1.61	1.75	1.84	1.25	1.20	1.08	1.84	0.09	5.3%
NC_930	30	4513	8.47	8.48	0.84	8.48	7.63	8.42	7.90	7.40	8.85	6.17	5.77	5.20	8.85	0.37	4.4%
NC_931	15	4412	0.69	0.69	0.08	0.69	0.69	0.63	0.71	0.67	0.71	0.32	0.32	0.28	0.71	0.02	2.9%
NC_932	60	4568	3.97	4.04	0.46	4.07	1.99	2.58	2.53	2.52	3.58	3.99	3.09	3.20	3.99	-0.08	-2.0%
NC_933	15	4412	0.55	0.54	0.07	0.54	0.54	0.51	0.56	0.55	0.57	0.27	0.26	0.23	0.57	0.03	6.3%
NC_934	15	4412	0.57	0.56	0.07	0.56	0.56	0.52	0.58	0.56	0.59	0.27	0.27	0.23	0.59	0.03	5.4%
NC_935	45	4536	0.69	0.67	0.10	0.68	0.55	0.64	0.56	0.64	0.68	0.53	0.51	0.46	0.68	0.00	-0.1%
NC_936	60	4565	1.16	1.18	0.16	1.19	0.55	0.75	0.73	0.74	1.02	1.08	0.90	0.86	1.08	-0.11	-9.5%
NC_937	60	4568	3.69	3.82	0.34	3.84	2.56	3.03	2.97	2.88	3.47	3.44	2.77	2.69	3.47	-0.37	-9.6%
NC_938	20	4434	1.02	1.00	0.16	1.01	0.99	0.95	1.01	0.99	1.03	0.52	0.52	0.45	1.03	0.02	1.7%
NC_939	20	4435	0.44	0.44	0.08	0.47	0.39	0.41	0.33	0.47	0.43	0.29	0.28	0.25	0.47	0.00	-0.9%
NC_940	60	4568	4.21	4.32	0.45	4.37	2.12	2.71	2.66	2.62	3.86	4.30	3.33	3.41	4.30	-0.07	-1.7%
NC_941	60	4568	1.29	1.33	0.15	1.35	0.57	0.78	0.77	0.77	1.18	1.26	1.02	0.97	1.26	-0.09	-6.4%
NC_942	20	4435	0.37	0.37	0.07	0.39	0.32	0.34	0.27	0.39	0.36	0.24	0.23	0.21	0.39	0.00	0.3%
NC_943	15	4412	0.81	0.80	0.09	0.80	0.80	0.75	0.83	0.79	0.83	0.39	0.39	0.34	0.83	0.03	4.2%
NC_944	20	4435	0.51	0.51	0.09	0.52	0.48	0.46	0.51	0.52	0.53	0.26	0.25	0.22	0.53	0.01	1.5%
NC_945	45	4536	0.33	0.31	0.05	0.33	0.26	0.30	0.25	0.33	0.33	0.24	0.23	0.20	0.33	0.00	0.0%
NC_946	15	4412	0.55	0.54	0.07	0.54	0.54	0.50	0.56	0.55	0.57	0.26	0.26	0.23	0.57	0.03	5.7%
NC_947	45	4536	0.32	0.31	0.05	0.32	0.26	0.30	0.25	0.33	0.32	0.23	0.22	0.20	0.33	0.01	2.2%
NC_948	60	4568	1.88	1.91	0.23	1.94	0.83	1.13	1.11	1.12	1.69	1.87	1.48	1.46	1.87	-0.07	-3.5%
NC_949	60	4569	4.27	4.41	0.44	4.45	2.13	2.73	2.68	2.64	3.92	4.37	3.44	3.45	4.37	-0.09	-1.9%
NC_950	1440	4873	2.98	2.61	1.07	2.66	0.40	0.39	0.38	0.46	0.44	0.34	0.43	0.64	0.64	-2.02	-75.9%
NC_951	45	4540	2.55	2.49	0.25	2.50	1.73	2.13	2.09	2.01	2.41	2.11	1.86	1.74	2.41	-0.10	-3.8%
NC_952	20	4434	0.57	0.57	0.10	0.57	0.55	0.52	0.58	0.57	0.59	0.28	0.27	0.24	0.59	0.02	3.3%
NC_953	15	4410	0.65	0.64	0.08	0.64	0.64	0.59	0.66	0.63	0.67	0.30	0.30	0.26	0.67	0.03	3.9%
NC_954	20	4435	0.37	0.37	0.06	0.40	0.32	0.35	0.28	0.40	0.37	0.26	0.26	0.23	0.40	0.00	-1.0%
NC_955	45	4536	0.35	0.34	0.06	0.35	0.29	0.33	0.27	0.37	0.35	0.25	0.24	0.21	0.37	0.02	4.9%
NC_956	1440	4873	4.69	4.12	1.69	4.20	3.49	4.04	3.87	3.85	4.37	4.35	3.43	3.80	4.37	0.17	4.0%
NC_957	20	4435	2.06	2.00	0.27	2.02	2.02	1.98	1.85	2.02	2.08	1.30	1.26	1.11	2.08	0.06	2.8%
NC_958	45	4536	0.34	0.32	0.05	0.33	0.27	0.31	0.26	0.34	0.33	0.24	0.24	0.21	0.34	0.01	3.0%
NC_959	20	4435	1.52	1.46	0.21	1.46	1.53	1.45	1.45	1.46	1.54	0.87	0.85	0.74	1.54	0.08	5.3%
NC_960	30	4513	9.05	9.00	0.81	9.08	7.97	8.80	8.21	7.96	9.31	7.45	6.41	6.47	9.31	0.23	2.5%
NC_961	20	4435	0.88	0.86	0.13	0.90	0.82	0.82	0.76	0.90	0.85	0.57	0.55	0.49	0.90	0.00	0.2%
NC_962	45	4536	0.32	0.31	0.05	0.32	0.26	0.30	0.25	0.32	0.32	0.23	0.23	0.20	0.32	0.00	0.9%
NC_963	20	4435	1.07	1.04	0.17	1.08	1.04	0.99	1.01	1.08	1.07	0.62	0.60	0.53	1.08	-0.01	-0.5%
NC_964	60	4568	6.62	6.82	0.69	6.92	3.21	4.16	4.10	4.04	6.09	6.79	5.29	5.36	6.79	-0.14	-2.0%
NC_965	45	4541	0.61	0.57	0.09	0.58	0.40	0.51	0.47	0.51	0.56	0.49	0.46	0.42	0.56	-0.02	-3.3%
NC_966	20	4435	0.46	0.45	0.08	0.48	0.42	0.41	0.39	0.48	0.45	0.28	0.27	0.24	0.48	0.00	0.4%
NC_967	45	4478	8.91	8.73	0.76	8.89	7.29	8.31	7.93	7.57	9.01	7.61	6.40	6.41	9.01	0.12	1.4%
NC_968	45	4478	1.03	1.00	0.14	1.00	0.82	0.94	0.84	0.90	1.01	0.80	0.76	0.69	1.01	0.01	0.7%
NC_969	1440	4873	2.93	2.55	1.05	2.60	0.09	0.14	0.14	0.14	0.26	0.33	0.42	0.49	0.49	-2.11	-81.2%
NC_970	20	4440	2.01	2.02	0.13	2.04	1.97	2.12	1.92	1.78	2.16	1.29	1.27	1.11	2.16	0.12	5.9%
NC_971	60	4573	4.48	4.44	0.25	4.46	3.41	3.91	3.88	3.80	4.48	4.27	3.89	3.35	4.48	0.02	0.4%
NC_972	20	4436	3.09	3.05	0.33	3.13	3.15	3.13	2.90	2.86	3.29	1.92	1.88	1.66	3.29	0.16	5.1%
NC_973	180	4659	17.88	18.12	0.89	18.17	7.87	9.25	9.23	9.19	12.70	16.00	18.17	18.41	18.41	0.24	1.3%
NC_974	180	4659	22.83	23.57	3.25	23.59	11.80	14.01	13.74	13.26	17.57	19.18	23.59	23.02	23.59	0.00	0.0%
NC_975	15	4410	0.87	0.87	0.09	0.87	0.87	0.84	0.89	0.82	0.88	0.42	0.42	0.36	0.89	0.02	2.6%
NC_976	180	4659	22.70	23.42	3.28	23.44	11.78	13.97	13.69	13.21	17.24	19.09	23.44	22.93	23.44	0.00	0.0%
NC_977	180	4663	22.29	22.96	3.34	22.97	11.58	13.71	13.40	12.95	16.23	18.76	22.95	22.62	22.95	-0.02	-0.1%
NC_978	180	4663	41.16	42.70	4.12	42.97	19.24	23.06	22.81	22.27	31.30	36.26	42.44	42.85	42.85	-0.12	-0.3%
NC_979	180	4663	42.02	43.65	4.08	43.93	19.44	23.36	23.20	22.63	32.49	37.40	43.38	44.23	44.23	0.30	0.7%
NC_980	60	4475	28.35	28.33	1.42	28.45	15.84	19.33	19.21	18.80	27.28	29.16	27.13	24.25	29.16	0.71	2.5%
NC_981	180	4663	72.50	74.26	7.92	74.44	33.35	40.83	40.65	40.06	59.98	69.42	74.08	73.94	74.08	-0.36	-0.5%
NC_982	60	4475	21.66	21.63	1.53	21.67	11.46	13.60	13.50	13.43	19.99	22.68	18.85	18.73	22.68	1.01	4.7%
NC_983	60	4475	21.57	21.49	1.42	21.59	11.37	13.51	13.43	13.36	19.90	22.61	19.67	18.79	22.61	1.02	4.7%
NC_984	15	4410	1.41	1.41	0.14	1.44	1.44	1.37	1.42	1.30	1.43	0.70	0.69	0.60	1.44	0.00	-0.2%
NC_985	20	4435	0.68	0.68	0.12	0.69	0.64	0.62	0.68	0.69	0.70	0.35	0.35	0.30	0.70	0.01	2.0%
NC_986	30	4509	2.59	2.58	0.26	2.59	2.28	2.58	2.40	2.32	2.69	1.77	1.73	1.52	2.69	0.10	3.7%
NC_987	20	4435	0.38	0.38	0.07	0.41	0.34	0.35	0.30	0.41	0.37	0.24	0.24	0.21	0.41	0.00	-0.5%
NC_988	20	4435	0.52	0.52	0.10	0.54	0.49	0.47	0.51	0.54	0.54	0.28	0.27	0.24	0.54	0.00	0.2%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_989	20	4434	3.25	3.19	0.41	3.20	3.37	3.18	3.20	2.99	3.33	1.75	1.73	1.51	3.37	0.17	5.2%
NC_990	60	4568	19.03	19.98	2.35	20.00	7.25	9.20	9.00	8.56	17.20	19.05	13.83	15.12	19.05	-0.95	-4.8%
NC_991	20	4435	0.41	0.42	0.08	0.43	0.39	0.37	0.40	0.43	0.43	0.22	0.21	0.19	0.43	0.00	0.5%
NC_992	30	4509	2.52	2.53	0.08	2.53	2.16	2.37	2.32	2.24	2.52	2.16	1.94	1.78	2.52	-0.01	-0.6%
NC_993	20	4434	1.04	1.00	0.16	1.00	1.04	0.99	1.01	1.01	1.07	0.56	0.55	0.48	1.07	0.07	6.6%
NC_994	20	4435	0.78	0.76	0.13	0.78	0.76	0.72	0.74	0.78	0.80	0.42	0.41	0.36	0.80	0.02	2.3%
NC_995	20	4434	1.20	1.16	0.17	1.18	1.20	1.14	1.18	1.15	1.23	0.63	0.62	0.55	1.23	0.05	3.9%
NC_996	20	4434	1.13	1.11	0.16	1.13	1.14	1.09	1.13	1.07	1.16	0.58	0.57	0.50	1.16	0.03	2.9%
NC_997	20	4436	3.68	3.66	0.35	3.76	3.70	3.76	3.43	3.40	3.94	2.56	2.43	2.26	3.94	0.18	4.7%
NC_998	15	4410	0.49	0.48	0.06	0.48	0.48	0.45	0.50	0.48	0.51	0.23	0.23	0.20	0.51	0.03	5.6%
NC_999	20	4434	1.00	0.99	0.15	1.01	0.98	0.94	1.01	0.97	1.02	0.50	0.49	0.43	1.02	0.01	0.6%
NC_1000	30	4513	2.38	2.35	0.21	2.37	2.10	2.33	2.14	2.20	2.40	1.85	1.68	1.56	2.40	0.03	1.4%
NC_1001	45	4542	1.72	1.68	0.22	1.73	1.64	1.69	1.48	1.60	1.77	1.32	1.23	1.16	1.77	0.04	2.3%
NC_1002	20	4434	0.93	0.92	0.14	0.94	0.91	0.87	0.94	0.90	0.94	0.46	0.46	0.40	0.94	0.00	0.3%
NC_1003	20	4435	0.73	0.70	0.13	0.74	0.70	0.66	0.67	0.74	0.74	0.41	0.40	0.35	0.74	0.00	-0.4%
NC_1004	20	4435	0.94	0.93	0.13	0.94	0.89	0.91	0.77	0.94	0.96	0.62	0.60	0.53	0.96	0.02	2.4%
NC_1005	20	4440	5.08	5.09	0.44	5.21	5.12	5.28	4.83	4.60	5.48	3.48	3.30	3.05	5.48	0.27	5.2%
NC_1006	15	4412	0.54	0.53	0.06	0.53	0.53	0.49	0.55	0.53	0.56	0.25	0.25	0.22	0.56	0.03	5.1%
NC_1007	30	4509	11.02	11.05	1.28	11.15	10.45	11.42	10.62	9.81	11.81	7.57	7.19	6.49	11.81	0.66	5.9%
NC_1008	20	4436	1.76	1.73	0.21	1.73	1.84	1.73	1.73	1.61	1.81	0.94	0.93	0.81	1.84	0.11	6.4%
NC_1009	20	4435	0.55	0.55	0.10	0.57	0.52	0.49	0.52	0.57	0.57	0.31	0.30	0.26	0.57	0.00	0.7%
NC_1010	20	4436	1.22	1.18	0.14	1.21	1.23	1.21	1.11	1.15	1.25	0.71	0.71	0.61	1.25	0.04	3.4%
NC_1011	20	4435	0.40	0.40	0.08	0.42	0.37	0.36	0.38	0.42	0.42	0.22	0.22	0.19	0.42	0.00	1.0%
NC_1012	45	4536	0.30	0.28	0.05	0.30	0.25	0.28	0.23	0.31	0.30	0.21	0.20	0.18	0.31	0.01	4.0%
NC_1013	45	4536	0.74	0.71	0.11	0.73	0.58	0.68	0.57	0.72	0.73	0.55	0.53	0.47	0.73	0.00	0.5%
NC_1014	45	4536	1.11	1.06	0.16	1.09	0.85	1.00	0.87	1.00	1.09	0.83	0.80	0.71	1.09	0.00	0.0%
NC_1015	180	4658	15.28	14.94	2.50	14.97	4.04	5.22	5.14	5.07	10.98	15.45	14.92	13.44	15.45	0.48	3.2%
NC_1016	60	4565	4.73	4.80	0.66	4.91	2.76	3.50	3.36	3.36	4.21	4.20	3.61	3.32	4.21	-0.70	-14.3%
NC_1017	120	4625	12.53	12.62	1.62	12.69	2.94	4.72	4.67	4.67	10.08	13.49	11.89	10.97	13.49	0.80	6.3%
NC_1018	180	4658	2.83	2.82	0.33	2.84	1.32	1.67	1.66	1.65	2.42	2.86	2.80	2.77	2.86	0.02	0.7%
NC_1019	45	4539	0.56	0.55	0.07	0.55	0.45	0.51	0.46	0.47	0.55	0.46	0.42	0.38	0.55	0.00	-0.4%
NC_1020	90	4594	11.46	11.64	1.94	12.45	3.03	4.95	4.89	4.89	10.06	12.45	10.03	9.85	12.45	0.00	0.0%
NC_1021	45	4536	1.60	1.56	0.20	1.59	1.24	1.45	1.34	1.35	1.59	1.25	1.16	1.04	1.59	-0.01	-0.3%
NC_1022	60	4565	0.86	0.87	0.12	0.87	0.41	0.55	0.54	0.55	0.74	0.79	0.66	0.64	0.79	-0.08	-9.0%
NC_1023	90	4594	12.16	12.39	1.98	13.19	3.05	4.98	4.92	4.92	10.36	13.19	10.84	10.49	13.19	0.00	0.0%
NC_1024	60	4568	9.68	9.98	1.06	10.07	4.67	6.14	6.05	6.01	8.81	9.75	7.76	7.66	9.75	-0.32	-3.1%
NC_1025	45	4536	3.66	3.54	0.50	3.56	2.64	3.18	2.88	3.07	3.56	2.86	2.66	2.40	3.56	0.00	-0.1%
NC_1026	45	4539	1.37	1.32	0.20	1.33	0.95	1.17	1.04	1.18	1.30	1.08	1.01	0.92	1.30	-0.03	-2.0%
NC_1027	45	4536	2.29	2.23	0.32	2.27	1.75	2.06	1.85	1.96	2.27	1.77	1.65	1.51	2.27	0.00	0.0%
NC_1028	20	4435	0.40	0.39	0.07	0.42	0.35	0.36	0.30	0.42	0.38	0.26	0.25	0.22	0.42	0.00	0.2%
NC_1029	20	4435	0.36	0.36	0.07	0.39	0.33	0.33	0.30	0.39	0.36	0.22	0.22	0.19	0.39	0.00	-0.8%
NC_1030	20	4435	0.22	0.22	0.04	0.23	0.20	0.20	0.22	0.23	0.23	0.11	0.10	0.09	0.23	0.00	0.4%
NC_1031	45	4478	0.29	0.28	0.04	0.29	0.21	0.26	0.23	0.27	0.29	0.21	0.21	0.18	0.29	0.00	-0.7%
NC_1032	45	4536	0.59	0.56	0.08	0.57	0.47	0.54	0.46	0.56	0.57	0.45	0.43	0.38	0.57	0.00	0.5%
NC_1033	60	4565	1.06	1.07	0.15	1.09	0.51	0.69	0.68	0.68	0.91	0.96	0.81	0.78	0.96	-0.13	-12.0%
NC_1034	60	4568	1.87	1.89	0.16	1.93	0.83	1.10	1.09	1.10	1.71	1.95	1.50	1.59	1.95	0.02	1.2%
NC_1035	20	4435	0.34	0.34	0.07	0.37	0.31	0.31	0.29	0.37	0.35	0.20	0.20	0.17	0.37	0.00	-1.1%
NC_1036	2160	4803	0.76	0.79	0.25	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.83	-100.0%
NC_1037	60	4565	1.07	1.09	0.16	1.13	0.61	0.79	0.78	0.77	0.95	0.92	0.82	0.77	0.95	-0.18	-16.1%
NC_1038	60	4568	0.89	0.90	0.12	0.90	0.42	0.56	0.55	0.55	0.77	0.83	0.68	0.67	0.83	-0.07	-7.9%
NC_1039	2160	4803	1.16	1.12	0.44	1.25	0.56	0.73	0.73	0.72	1.05	1.15	0.91	0.91	1.15	-0.10	-7.9%
NC_1040	20	4435	0.20	0.20	0.03	0.21	0.17	0.19	0.15	0.21	0.20	0.13	0.13	0.12	0.21	0.00	-1.4%
NC_1041	2160	4803	1.18	1.13	0.44	1.26	0.56	0.74	0.73	0.72	1.07	1.18	0.94	0.93	1.18	-0.09	-6.7%
NC_1042	45	4542	0.45	0.43	0.07	0.45	0.41	0.45	0.38	0.45	0.48	0.32	0.31	0.27	0.48	0.03	6.2%
NC_1043	60	4565	1.56	1.58	0.21	1.61	0.85	1.10	1.07	1.07	1.36	1.42	1.20	1.13	1.42	-0.19	-11.8%
NC_1044	60	4565	3.36	3.47	0.35	3.49	1.52	2.03	2.00	2.00	3.09	3.37	2.79	2.55	3.37	-0.12	-3.4%
NC_1045	180	4659	21.36	21.72	3.28	21.83	10.51	12.29	11.81	11.49	14.42	18.85	21.83	21.10	21.83	0.00	0.0%
NC_1046	60	4568	8.81	8.99	0.80	9.09	4.14	5.36	5.26	5.19	7.90	9.25	7.35	7.28	9.25	0.16	1.8%
NC_1047	60	4569	9.40	9.63	0.74	9.66	4.48	5.71	5.62	5.50	8.49	9.97	8.19	7.89	9.97	0.31	3.2%
NC_1048	60	4565	4.61	4.67	0.52	4.72	3.89	4.38	4.12	3.95	4.63	4.19	3.37	3.41	4.63	-0.09	-1.8%
NC_1049	60	4568	3.39	3.33	0.29	3.37	2.00	2.41	2.33	2.34	3.07	3.33	2.58	2.64	3.33	-0.04	-1.1%
NC_1050	60	4567	2.73	2.79	0.16	2.82	1.46	1.77	1.76	1.79	2.61	2.68	2.15	2.08	2.68	-0.14	-4.8%
NC_1051	20	4435	0.23	0.24	0.05	0.24	0.22	0.21	0.23	0.24	0.25	0.11	0.11	0.10	0.25	0.01	2.9%
NC_1052	60	4565	3.63	3.59	0.38	3.68	2.91	3.30	3.09	3.01	3.48	3.47	2.69	2.83	3.48	-0.21	-5.6%
NC_1053	20	4436	0.78	0.75	0.10	0.76	0.81	0.76	0.75	0.73	0.79	0.41	0.41	0.36	0.81	0.05	5.9%
NC_1054	45	4541	2.08	2.05	0.07	2.06	1.44	1.69	1.67	1.63	2.04	1.89	1.57	1.43	2.04	-0.02	-0.8%
NC_1055	15	4412	0.53	0.52	0.06	0.53	0.52	0.49	0.54	0.53	0.55	0.26	0.25	0.22	0.55	0.02	4.5%
NC_1056	15	4412	0.78	0.78	0.09	0.78	0.78	0.73	0.81	0.73	0.79	0.35	0.34	0.30	0.81	0.03	4.0%
NC_1057	15	4410	0.45	0.46	0.05	0.46	0.46	0.40	0.47	0.42	0.46	0.20	0.19	0.16	0.47	0.01	1.3%
NC_1058	60	4475	2.40	2.39	0.14	2.40	1.43	1.71	1.70	1.67	2.40	2.34	1.92	1.79	2.40	0.00	0.0%
NC_1059	60	4573	1.92	1.94	0.15	1.98	0.88	1.15	1.14	1.13	1.79	1.96	1.60	1.46	1.96	-0.02	-1.2%
NC_1060	15	4413	0.94	0.93	0.07	0.95	0.96	0.91	0.91	0.87	0.94	0.48	0.48	0.42	0.96	0.01	1.1%
NC_1061	60	4572	2.38	2.43	0.16	2.48	1.66	1.93	1.90	1.88	2.32	2.23	1.87	1.74	2.32	-0.16	-6.5%
NC_1062	60	4567	2.96	2.94	0.20	2.98	1.61	2.07	2.06	2.08	2.82	2.86	2.35	2.35	2.86	-0.12	-4.0%
NC_1063	30	4513	0.96	0.96	0.10	0.96	0.80	0.94	0.87	0.86	0.99	0.67	0.66	0.58	0.99	0.03	2.6%
NC_1064	30	4509	6.49	6.54	0.47	6.57	5.58	6.30	6.06	5.65	6.69	4.36	4.08	3.53	6.69	0.12	1.8%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_1065	30	4513	1.07	1.07	0.06	1.08	0.77	0.93	0.91	0.87	1.05	0.80	0.75	0.67	1.05	-0.03	-2.5%
NC_1066	20	4436	1.61	1.56	0.20	1.58	1.63	1.58	1.46	1.54	1.65	0.97	0.95	0.83	1.65	0.07	4.6%
NC_1067	20	4435	0.44	0.44	0.08	0.46	0.41	0.40	0.43	0.46	0.46	0.23	0.23	0.20	0.46	0.00	-0.2%
NC_1068	20	4435	0.63	0.62	0.10	0.64	0.60	0.59	0.54	0.64	0.64	0.38	0.37	0.32	0.64	0.00	0.2%
NC_1069	15	4410	0.65	0.64	0.07	0.65	0.65	0.58	0.66	0.62	0.66	0.29	0.28	0.24	0.66	0.01	2.0%
NC_1070	15	4410	0.92	0.92	0.10	0.92	0.92	0.86	0.95	0.86	0.93	0.42	0.42	0.36	0.95	0.03	2.8%
NC_1071	15	4410	0.33	0.33	0.04	0.33	0.33	0.30	0.34	0.33	0.35	0.16	0.15	0.13	0.35	0.02	6.1%
NC_1072	20	4435	0.44	0.43	0.08	0.46	0.40	0.39	0.39	0.46	0.44	0.25	0.25	0.22	0.46	0.00	0.2%
NC_1073	20	4436	3.30	3.22	0.43	3.24	3.42	3.24	3.20	3.06	3.40	1.82	1.80	1.57	3.42	0.18	5.6%
NC_1074	20	4440	4.97	4.98	0.47	5.11	5.15	5.17	4.80	4.39	5.34	2.92	2.89	2.54	5.34	0.23	4.6%
NC_1075	20	4435	1.69	1.64	0.28	1.70	1.65	1.57	1.59	1.70	1.74	0.96	0.94	0.82	1.74	0.04	2.5%
NC_1076	20	4435	0.29	0.29	0.05	0.31	0.25	0.27	0.21	0.31	0.28	0.19	0.19	0.17	0.31	-0.01	-1.6%
NC_1077	20	4435	0.19	0.19	0.04	0.20	0.17	0.17	0.13	0.20	0.18	0.12	0.11	0.10	0.20	0.00	2.0%
NC_1078	20	4436	1.24	1.20	0.15	1.23	1.29	1.23	1.18	1.17	1.27	0.68	0.68	0.59	1.29	0.06	4.6%
NC_1079	20	4440	1.96	1.98	0.11	2.01	1.87	2.04	1.83	1.82	2.08	1.27	1.24	1.08	2.08	0.07	3.5%
NC_1080	15	4410	0.34	0.34	0.04	0.34	0.34	0.31	0.35	0.34	0.36	0.15	0.15	0.13	0.36	0.02	4.7%
NC_1081	45	4541	0.80	0.76	0.11	0.77	0.55	0.68	0.63	0.67	0.73	0.64	0.60	0.55	0.73	-0.04	-5.5%
NC_1082	20	4436	0.80	0.79	0.08	0.80	0.76	0.80	0.67	0.78	0.83	0.51	0.50	0.44	0.83	0.03	3.2%
NC_1083	20	4435	0.30	0.30	0.06	0.32	0.27	0.27	0.23	0.32	0.29	0.19	0.18	0.16	0.32	0.00	0.6%
NC_1084	45	4536	0.52	0.50	0.08	0.52	0.44	0.48	0.39	0.54	0.52	0.38	0.37	0.33	0.54	0.02	4.0%
NC_1085	45	4541	0.81	0.76	0.11	0.77	0.57	0.70	0.65	0.68	0.75	0.64	0.60	0.54	0.75	-0.02	-3.0%
NC_1086	20	4435	0.33	0.32	0.06	0.35	0.30	0.29	0.28	0.35	0.33	0.19	0.18	0.16	0.35	0.00	-0.9%
NC_1087	60	4565	1.75	1.79	0.21	1.82	1.37	1.50	1.37	1.48	1.57	1.58	1.32	1.29	1.58	-0.24	-13.4%
NC_1088	20	4435	0.95	0.93	0.12	0.94	0.92	0.92	0.85	0.94	0.95	0.60	0.58	0.51	0.95	0.01	0.7%
NC_1089	20	4435	0.58	0.58	0.07	0.58	0.55	0.58	0.48	0.58	0.60	0.40	0.39	0.34	0.60	0.02	3.4%
NC_1090	20	4435	0.36	0.35	0.07	0.38	0.32	0.32	0.30	0.38	0.35	0.22	0.21	0.19	0.38	0.00	0.5%
NC_1091	20	4436	1.46	1.42	0.18	1.43	1.45	1.43	1.32	1.42	1.48	0.90	0.88	0.77	1.48	0.05	3.3%
NC_1092	60	4572	10.83	11.00	0.68	11.16	5.47	6.90	6.84	6.77	10.13	10.77	9.34	7.95	10.77	-0.39	-3.5%
NC_1093	60	4565	1.95	1.98	0.21	2.01	1.49	1.67	1.57	1.57	1.80	1.77	1.46	1.45	1.80	-0.21	-10.6%
NC_1094	20	4440	1.59	1.61	0.10	1.63	1.55	1.67	1.49	1.44	1.71	1.08	1.04	0.93	1.71	0.08	4.9%
NC_1095	20	4436	1.55	1.50	0.18	1.53	1.56	1.53	1.43	1.47	1.59	0.96	0.94	0.83	1.59	0.06	3.9%
NC_1096	45	4478	0.66	0.63	0.09	0.63	0.48	0.58	0.51	0.60	0.62	0.53	0.50	0.45	0.62	-0.01	-1.0%
NC_1097	60	4565	0.83	0.84	0.13	0.87	0.48	0.63	0.61	0.61	0.73	0.71	0.63	0.60	0.73	-0.14	-15.7%
NC_1098	20	4436	0.58	0.56	0.08	0.56	0.59	0.56	0.54	0.55	0.59	0.32	0.32	0.28	0.59	0.03	5.2%
NC_1099	20	4436	0.66	0.65	0.08	0.65	0.65	0.65	0.57	0.64	0.68	0.40	0.39	0.34	0.68	0.03	4.0%
NC_1100	60	4572	10.74	10.86	0.64	11.02	5.39	6.81	6.75	6.68	10.05	10.75	9.51	7.94	10.75	-0.27	-2.5%
NC_1101	45	4540	6.66	6.61	0.22	6.63	4.12	5.06	5.03	4.91	6.59	5.83	4.93	4.39	6.59	-0.04	-0.6%
NC_1102	180	4659	110.12	110.66	12.76	111.32	50.54	61.06	60.68	60.31	90.46	107.96	111.32	113.29	113.29	1.97	1.8%
NC_1103	20	4436	1.36	1.31	0.16	1.34	1.39	1.34	1.26	1.28	1.37	0.75	0.74	0.64	1.39	0.05	3.7%
NC_1104	20	4436	0.64	0.63	0.08	0.63	0.67	0.63	0.62	0.58	0.66	0.33	0.33	0.29	0.67	0.04	5.6%
NC_1105	540	4764	3.52	3.62	1.01	3.63	0.46	0.56	0.56	0.56	0.83	1.16	3.01	4.93	4.93	1.30	35.9%
NC_1106	180	4659	107.40	107.46	12.11	108.13	50.35	60.77	60.35	59.96	89.74	107.06	108.13	108.91	108.91	0.78	0.7%
NC_1107	45	4478	5.32	5.29	0.27	5.29	3.72	4.46	4.38	4.13	5.39	4.50	3.90	3.41	5.39	0.10	1.9%
NC_1108	20	4434	0.60	0.58	0.08	0.58	0.62	0.58	0.58	0.57	0.61	0.32	0.32	0.28	0.62	0.04	6.0%
NC_1109	20	4440	5.62	5.63	0.43	5.76	5.52	5.80	5.28	5.17	6.05	4.34	3.88	3.69	6.05	0.29	5.1%
NC_1110	30	4513	5.27	5.28	0.42	5.29	4.44	5.04	4.77	4.58	5.39	4.26	3.70	3.46	5.39	0.10	1.8%
NC_1111	20	4435	1.07	1.04	0.15	1.08	1.03	1.01	0.96	1.08	1.04	0.65	0.63	0.56	1.08	-0.01	-0.5%
NC_1112	180	4659	121.62	121.68	14.22	122.79	57.24	69.62	69.21	68.78	101.11	120.52	122.79	124.12	124.12	1.33	1.1%
NC_1113	180	4659	123.05	124.11	13.21	125.72	51.59	64.35	64.12	63.72	99.15	118.96	125.72	123.81	125.72	0.00	0.0%
NC_1114	180	4659	122.98	124.09	13.09	125.70	51.43	64.11	63.87	63.47	98.87	118.67	125.70	123.56	125.70	-0.01	0.0%
NC_1115	20	4435	0.98	0.97	0.16	0.97	0.97	0.92	0.96	0.97	0.99	0.53	0.52	0.45	0.99	0.02	2.4%
NC_1116	20	4434	1.18	1.14	0.17	1.14	1.18	1.12	1.14	1.13	1.21	0.65	0.64	0.56	1.21	0.07	5.7%
NC_1117	20	4436	2.27	2.30	0.16	2.35	2.23	2.35	2.07	2.11	2.41	1.44	1.42	1.25	2.41	0.06	2.6%
NC_1118	15	4410	0.39	0.39	0.04	0.39	0.39	0.35	0.40	0.38	0.40	0.17	0.17	0.15	0.40	0.01	3.3%
NC_1119	20	4440	11.20	11.23	0.68	11.29	10.96	11.83	11.04	9.82	12.07	7.07	6.92	6.01	12.07	0.78	6.9%
NC_1120	20	4436	1.62	1.60	0.16	1.63	1.63	1.63	1.46	1.54	1.66	0.92	0.91	0.79	1.66	0.03	1.5%
NC_1121	30	4509	17.04	17.16	0.91	17.24	13.68	15.74	15.32	14.37	17.29	16.49	13.09	14.47	17.29	0.05	0.3%
NC_1122	15	4412	0.43	0.42	0.05	0.42	0.42	0.39	0.44	0.43	0.45	0.20	0.20	0.17	0.45	0.03	6.2%
NC_1123	20	4434	1.22	1.18	0.18	1.19	1.23	1.16	1.19	1.17	1.25	0.67	0.66	0.58	1.25	0.06	5.2%
NC_1124	30	4509	16.37	16.44	1.10	16.47	13.81	15.59	14.98	14.06	16.69	15.84	12.45	14.04	16.69	0.22	1.3%
NC_1125	30	4513	16.50	16.53	1.19	16.56	14.15	15.87	15.16	14.27	16.84	15.88	12.42	14.14	16.84	0.28	1.7%
NC_1126	20	4435	0.51	0.51	0.10	0.53	0.47	0.45	0.48	0.53	0.52	0.28	0.27	0.24	0.53	0.00	-0.6%
NC_1127	15	4410	1.61	1.63	0.14	1.65	1.65	1.57	1.63	1.44	1.61	0.79	0.78	0.68	1.65	0.00	0.1%
NC_1128	20	4434	0.97	0.96	0.15	0.97	0.95	0.92	0.97	0.94	0.99	0.49	0.49	0.42	0.99	0.02	1.8%
NC_1129	15	4411	2.03	2.05	0.15	2.07	2.14	2.02	2.02	1.78	2.07	1.07	1.06	0.92	2.14	0.07	3.4%
NC_1130	20	4436	3.07	3.02	0.33	3.10	3.19	3.10	2.93	2.81	3.22	1.80	1.77	1.55	3.22	0.12	4.0%
NC_1131	60	4475	6.10	6.10	0.34	6.11	2.70	3.42	3.39	3.37	5.68	6.22	5.27	5.10	6.22	0.11	1.8%
NC_1132	20	4435	0.86	0.87	0.14	0.87	0.82	0.79	0.86	0.87	0.89	0.46	0.45	0.39	0.89	0.02	2.1%
NC_1133	20	4436	3.42	3.36	0.37	3.45	3.45	3.45	3.15	3.21	3.60	2.04	2.03	1.77	3.60	0.15	4.2%
NC_1134	20	4435	1.68	1.62	0.25	1.64	1.69	1.60	1.60	1.64	1.72	0.95	0.94	0.81	1.72	0.08	4.9%
NC_1135	20	4435	0.40	0.40	0.08	0.43	0.37	0.36	0.38	0.43	0.42	0.22	0.22	0.19	0.43	0.00	-0.9%
NC_1136	60	4565	1.26	1.29	0.17	1.31	0.66	0.88	0.86	0.86	1.11	1.13	0.97	0.90	1.13	-0.18	-13.6%
NC_1137	30	4509	4.97	4.99	0.45	5.01	4.38	4.90	4.66	4.34	5.19	3.36	3.19	2.75	5.19	0.18	3.5%
NC_1138	15	4412	0.47	0.46	0.06	0.46	0.46	0.43	0.48	0.47	0.49	0.22	0.22	0.19	0.49	0.03	5.9%
NC_1139	20	4434	1.22	1.20	0.18	1.22	1.20	1.15	1.22	1.18	1.23	0.62	0.61	0.53	1.23	0.01	1.0%
NC_1140	20	4435	0.86	0.84	0.11	0.84	0.86	0.84	0.77	0.84	0.86	0.49	0.48	0.42	0.86	0.02	2.1%

ARR2019 Results for 5%AEP Event																	
Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_1141	60	4568	4.97	5.11	0.63	5.12	2.64	3.54	3.42	3.21	4.65	4.43	3.00	2.75	4.65	-0.47	-9.2%
NC_1142	60	4568	4.88	5.02	0.59	5.12	2.60	3.37	3.27	3.09	4.64	4.40	3.08	2.77	4.64	-0.48	-9.3%
NC_1143	20	4435	0.74	0.73	0.13	0.75	0.71	0.68	0.70	0.75	0.76	0.41	0.40	0.35	0.76	0.01	1.3%
NC_1144	60	4572	5.12	5.23	0.59	5.36	2.63	3.41	3.32	3.14	5.07	4.68	3.41	3.26	5.07	-0.30	-5.5%
NC_1145	60	4572	5.31	5.38	0.58	5.43	2.67	3.45	3.36	3.19	5.33	4.92	3.63	3.59	5.33	-0.10	-1.9%
NC_1146	20	4434	0.52	0.52	0.09	0.52	0.50	0.47	0.52	0.52	0.54	0.25	0.25	0.22	0.54	0.02	3.7%
NC_1147	20	4434	0.56	0.54	0.08	0.54	0.57	0.54	0.54	0.53	0.57	0.30	0.30	0.26	0.57	0.03	5.6%
NC_1148	60	4573	5.55	5.55	0.58	5.58	3.22	3.62	3.43	3.61	5.59	5.24	3.96	4.01	5.59	0.01	0.2%
NC_1149	20	4435	0.71	0.70	0.12	0.71	0.68	0.65	0.69	0.71	0.73	0.37	0.36	0.32	0.73	0.02	2.3%
NC_1150	20	4435	0.47	0.47	0.08	0.48	0.44	0.42	0.46	0.48	0.49	0.23	0.23	0.20	0.49	0.01	1.3%
NC_1151	20	4436	1.26	1.25	0.13	1.28	1.27	1.28	1.13	1.19	1.33	0.77	0.76	0.67	1.33	0.05	3.8%
NC_1152	20	4436	1.50	1.50	0.14	1.53	1.50	1.53	1.35	1.39	1.59	0.92	0.91	0.80	1.59	0.05	3.6%
NC_1153	20	4436	1.54	1.53	0.14	1.57	1.52	1.57	1.39	1.43	1.62	0.94	0.93	0.82	1.62	0.05	3.4%
NC_1154	20	4435	1.36	1.35	0.22	1.35	1.32	1.27	1.35	1.35	1.41	0.70	0.69	0.60	1.41	0.06	4.4%
NC_1155	20	4436	2.38	2.38	0.20	2.43	2.35	2.43	2.15	2.24	2.48	1.43	1.41	1.23	2.48	0.05	2.1%
NC_1156	20	4440	2.32	2.33	0.21	2.37	2.42	2.44	2.29	2.03	2.50	1.34	1.33	1.16	2.50	0.13	5.3%
NC_1157	30	4509	2.81	2.82	0.29	2.83	2.55	2.85	2.64	2.55	2.95	1.86	1.80	1.58	2.95	0.12	4.4%
NC_1158	30	4509	5.30	5.33	0.38	5.36	4.41	5.05	4.86	4.52	5.45	3.69	3.45	2.97	5.45	0.09	1.6%
NC_1159	30	4509	5.39	5.43	0.37	5.47	4.42	5.09	4.91	4.57	5.53	3.80	3.53	3.04	5.53	0.06	1.0%
NC_1160	30	4509	5.55	5.59	0.33	5.64	4.40	5.12	4.97	4.65	5.67	4.06	3.72	3.15	5.67	0.03	0.6%
NC_1161	60	4565	2.07	2.06	0.30	2.11	1.47	1.62	1.45	1.68	1.74	1.83	1.61	1.55	1.83	-0.28	-13.1%
NC_1162	20	4435	0.56	0.54	0.10	0.58	0.52	0.50	0.50	0.58	0.56	0.33	0.32	0.28	0.58	0.00	0.7%
NC_1163	20	4435	0.69	0.68	0.12	0.69	0.66	0.63	0.66	0.69	0.70	0.37	0.36	0.31	0.70	0.01	1.3%
NC_1164	60	4568	1.63	1.67	0.21	1.68	0.79	1.04	1.02	1.02	1.46	1.52	1.25	1.22	1.52	-0.16	-9.5%
NC_1165	20	4435	0.39	0.39	0.08	0.42	0.37	0.35	0.37	0.42	0.41	0.22	0.21	0.19	0.42	-0.01	-1.2%
NC_1166	15	4412	0.93	0.92	0.10	0.92	0.92	0.85	0.95	0.88	0.94	0.42	0.42	0.36	0.95	0.03	3.5%
NC_1167	60	4565	2.63	2.62	0.34	2.69	2.07	2.26	2.05	2.09	2.37	2.40	2.00	1.99	2.40	-0.30	-11.0%
NC_1168	45	4541	8.61	8.49	0.36	8.50	5.42	6.67	6.59	6.39	8.48	7.38	6.33	5.60	8.48	-0.02	-0.2%
NC_1169	90	4594	1.47	1.50	0.18	1.57	0.64	0.83	0.82	0.82	1.32	1.57	1.38	1.39	1.57	0.00	0.2%
NC_1170	90	4594	0.85	0.86	0.13	0.92	0.38	0.49	0.49	0.48	0.75	0.92	0.78	0.77	0.92	0.00	-0.2%
NC_1171	45	4536	0.30	0.29	0.05	0.30	0.24	0.28	0.23	0.30	0.30	0.22	0.21	0.19	0.30	0.00	0.3%
NC_1172	45	4541	0.50	0.47	0.07	0.47	0.33	0.42	0.39	0.42	0.46	0.39	0.37	0.34	0.46	-0.01	-1.5%
NC_1173	120	4626	2.26	2.22	0.20	2.22	1.22	1.49	1.43	1.43	1.92	2.39	2.09	2.22	2.39	0.17	7.5%
NC_1174	20	4435	0.61	0.61	0.11	0.63	0.57	0.55	0.59	0.63	0.63	0.33	0.33	0.29	0.63	0.00	0.0%
NC_1175	20	4434	0.46	0.46	0.08	0.46	0.44	0.42	0.46	0.46	0.48	0.22	0.22	0.19	0.48	0.02	3.5%
NC_1176	60	4565	1.17	1.19	0.18	1.23	0.66	0.87	0.85	0.85	1.04	0.99	0.88	0.83	1.04	-0.19	-15.3%
NC_1177	45	4540	8.77	8.70	0.30	8.72	5.33	6.59	6.51	6.36	8.73	7.69	6.62	5.72	8.73	0.01	0.1%
NC_1178	120	4623	2.35	2.33	0.20	2.33	1.14	1.44	1.41	1.40	1.99	2.47	2.23	2.30	2.47	0.14	6.0%
NC_1179	20	4435	0.28	0.28	0.05	0.30	0.24	0.27	0.21	0.30	0.28	0.20	0.19	0.17	0.30	0.00	0.0%
NC_1180	20	4435	0.44	0.44	0.08	0.45	0.42	0.40	0.44	0.45	0.46	0.22	0.22	0.19	0.46	0.01	2.0%
NC_1181	20	4436	1.06	1.05	0.10	1.07	1.03	1.07	0.93	1.01	1.10	0.66	0.65	0.56	1.10	0.03	3.1%
NC_1182	30	4513	1.53	1.52	0.15	1.53	1.27	1.48	1.38	1.36	1.56	1.08	1.04	0.92	1.56	0.03	2.2%
NC_1183	60	4565	1.49	1.48	0.20	1.52	0.95	1.16	1.09	1.09	1.31	1.38	1.14	1.11	1.38	-0.14	-9.2%
NC_1184	20	4436	0.53	0.51	0.07	0.52	0.53	0.52	0.47	0.50	0.54	0.30	0.30	0.26	0.54	0.02	3.7%
NC_1185	60	4568	1.07	1.08	0.14	1.08	0.53	0.70	0.68	0.68	0.94	1.03	0.83	0.82	1.03	-0.05	-4.9%
NC_1186	20	4435	0.30	0.30	0.06	0.32	0.26	0.28	0.22	0.32	0.29	0.19	0.19	0.17	0.32	0.00	-0.3%
NC_1187	120	4623	2.50	2.46	0.21	2.47	1.24	1.56	1.54	1.52	2.14	2.64	2.36	2.47	2.64	0.17	6.7%
NC_1188	60	4565	2.12	2.16	0.25	2.17	1.15	1.48	1.44	1.42	1.89	2.04	1.64	1.60	2.04	-0.14	-6.2%
NC_1189	20	4435	0.43	0.43	0.08	0.45	0.40	0.38	0.41	0.45	0.44	0.23	0.23	0.20	0.45	0.00	-0.9%
NC_1190	30	4509	5.74	5.78	0.34	5.79	4.45	5.23	5.06	4.84	5.78	4.34	3.95	3.43	5.78	-0.01	-0.1%
NC_1191	15	4412	0.96	0.95	0.11	0.95	0.95	0.88	0.98	0.92	0.97	0.45	0.44	0.39	0.98	0.03	3.3%
NC_1192	20	4436	2.48	2.43	0.27	2.48	2.44	2.48	2.19	2.36	2.59	1.55	1.53	1.35	2.59	0.11	4.4%
NC_1193	30	4509	3.65	3.66	0.27	3.66	3.01	3.47	3.37	3.11	3.71	2.60	2.42	2.14	3.71	0.05	1.5%
NC_1194	30	4509	15.83	15.91	1.57	16.09	15.01	16.26	15.37	14.16	16.84	10.51	10.08	8.79	16.84	0.75	4.7%
NC_1195	20	4434	1.40	1.35	0.19	1.36	1.43	1.34	1.36	1.33	1.43	0.76	0.75	0.65	1.43	0.06	4.8%
NC_1196	20	4435	1.12	1.08	0.17	1.09	1.12	1.05	1.08	1.09	1.12	0.60	0.59	0.52	1.12	0.03	2.9%
NC_1197	15	4410	0.57	0.56	0.06	0.57	0.57	0.51	0.58	0.53	0.57	0.25	0.24	0.21	0.58	0.01	1.9%
NC_1198	15	4410	0.74	0.74	0.08	0.74	0.74	0.67	0.76	0.69	0.75	0.33	0.32	0.28	0.76	0.02	3.1%
NC_1199	20	4440	8.49	8.53	0.53	8.70	8.32	8.75	8.01	7.88	8.95	5.57	5.41	4.84	8.95	0.25	2.9%
NC_1200	15	4410	0.74	0.74	0.08	0.74	0.74	0.68	0.76	0.70	0.75	0.33	0.33	0.28	0.76	0.02	3.2%
NC_1201	20	4440	7.02	7.06	0.43	7.19	6.87	7.23	6.60	6.54	7.38	4.68	4.55	4.06	7.38	0.19	2.7%
NC_1202	15	4410	0.89	0.89	0.10	0.90	0.90	0.83	0.92	0.84	0.90	0.41	0.40	0.35	0.92	0.02	2.2%
NC_1203	20	4435	1.39	1.35	0.19	1.37	1.38	1.33	1.30	1.37	1.38	0.81	0.79	0.69	1.38	0.01	0.9%
NC_1204	20	4434	1.51	1.46	0.20	1.47	1.56	1.46	1.47	1.42	1.54	0.81	0.80	0.70	1.56	0.09	5.9%
NC_1205	20	4434	1.09	1.08	0.16	1.12	1.08	1.04	1.12	1.04	1.11	0.53	0.53	0.46	1.12	0.00	-0.3%
NC_1206	15	4410	0.47	0.47	0.05	0.47	0.47	0.42	0.48	0.44	0.48	0.20	0.20	0.17	0.48	0.01	2.3%
NC_1207	15	4412	0.94	0.94	0.10	0.94	0.93	0.89	0.97	0.89	0.96	0.44	0.43	0.38	0.97	0.03	3.6%
NC_1208	15	4412	0.66	0.65	0.08	0.65	0.65	0.60	0.67	0.65	0.68	0.31	0.31	0.27	0.68	0.03	4.2%
NC_1209	20	4434	1.18	1.15	0.18	1.15	1.17	1.11	1.15	1.15	1.20	0.63	0.62	0.54	1.20	0.05	4.1%
NC_1210	20	4435	0.82	0.81	0.11	0.83	0.77	0.80	0.69	0.83	0.83	0.56	0.54	0.48	0.83	0.00	-0.1%
NC_1211	20	4434	2.18	2.12	0.29	2.14	2.22	2.10	2.14	2.06	2.24	1.18	1.16	1.01	2.24	0.09	4.4%
NC_1212	15	4410	1.29	1.29	0.13	1.30	1.30	1.24	1.30	1.19	1.30	0.63	0.62	0.54	1.30	0.00	0.3%
NC_1213	20	4435	0.40	0.39	0.08	0.42	0.37	0.35	0.37	0.42	0.41	0.22	0.22	0.19	0.42	0.00	0.2%
NC_1214	20	4434	0.41	0.42	0.07	0.42	0.40	0.38	0.42	0.42	0.43	0.20	0.20	0.17	0.43	0.01	3.1%
NC_1215	20	4440	9.90	9.96	0.60	10.12	9.66	10.24	9.35	9.16	10.49	6.49	6.31	5.63	10.49	0.37	3.6%
NC_1216	20	4440	2.89	2.90	0.26	2.98	2.92	2.99	2.73	2.62	3.10	1.82	1.78	1.57	3.10	0.12	4.0%

Catchment Simulation Solutions

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_1217	15	4410	0.46	0.46	0.06	0.46	0.46	0.42	0.47	0.45	0.48	0.21	0.21	0.18	0.48	0.02	4.1%
NC_1218	20	4435	0.92	0.90	0.13	0.92	0.89	0.87	0.83	0.92	0.90	0.53	0.52	0.46	0.92	0.00	0.2%
NC_1219	30	4509	2.89	2.90	0.26	2.91	2.53	2.83	2.73	2.49	3.00	2.03	1.90	1.68	3.00	0.09	3.2%
NC_1220	20	4434	2.05	2.02	0.27	2.07	2.07	1.97	2.07	1.94	2.05	1.04	1.03	0.90	2.07	0.00	-0.1%
NC_1221	15	4410	0.51	0.51	0.06	0.51	0.51	0.46	0.53	0.49	0.52	0.23	0.23	0.20	0.53	0.02	2.9%
NC_1222	20	4436	1.74	1.72	0.21	1.73	1.83	1.73	1.71	1.59	1.81	0.95	0.94	0.82	1.83	0.10	5.8%
NC_1223	15	4410	0.92	0.92	0.10	0.92	0.92	0.86	0.95	0.85	0.92	0.42	0.41	0.36	0.95	0.03	2.8%
NC_1224	20	4435	0.59	0.58	0.11	0.61	0.56	0.53	0.55	0.61	0.61	0.34	0.33	0.29	0.61	0.00	0.5%
NC_1225	20	4436	1.59	1.56	0.17	1.59	1.55	1.59	1.38	1.52	1.65	1.00	0.98	0.86	1.65	0.06	3.7%
NC_1226	20	4436	1.29	1.28	0.12	1.28	1.19	1.28	1.10	1.27	1.33	0.90	0.86	0.77	1.33	0.05	4.1%
NC_1227	30	4509	17.77	17.90	1.46	18.08	15.83	17.63	16.89	15.54	18.57	12.09	11.41	9.82	18.57	0.49	2.7%
NC_1228	30	4509	19.98	20.16	1.41	20.38	17.21	19.39	18.76	17.18	20.69	13.76	12.85	11.04	20.69	0.31	1.5%
NC_1229	20	4440	2.71	2.73	0.22	2.80	2.79	2.82	2.60	2.42	2.86	1.53	1.53	1.33	2.86	0.06	2.2%
NC_1230	15	4410	1.05	1.04	0.11	1.05	1.05	1.00	1.08	0.99	1.07	0.50	0.49	0.43	1.08	0.03	3.0%
NC_1231	20	4434	1.65	1.62	0.21	1.64	1.70	1.60	1.64	1.54	1.67	0.85	0.84	0.73	1.70	0.06	3.4%
NC_1232	45	4536	0.56	0.53	0.09	0.56	0.48	0.52	0.42	0.59	0.56	0.41	0.39	0.35	0.59	0.03	4.6%
NC_1233	45	4542	2.74	2.62	0.39	2.71	2.46	2.69	2.35	2.51	2.87	2.02	1.91	1.75	2.87	0.16	6.0%
NC_1234	45	4542	2.23	2.15	0.32	2.23	1.86	2.09	1.81	2.02	2.28	1.64	1.57	1.42	2.28	0.05	2.1%
NC_1235	60	4565	1.68	1.67	0.23	1.74	1.21	1.39	1.29	1.30	1.50	1.48	1.27	1.23	1.50	-0.24	-14.0%
NC_1236	20	4435	0.38	0.37	0.07	0.40	0.35	0.34	0.35	0.40	0.39	0.21	0.21	0.18	0.40	0.00	0.5%
NC_1237	60	4565	2.24	2.27	0.26	2.31	1.73	1.94	1.79	1.92	2.02	2.06	1.68	1.70	2.06	-0.25	-10.7%
NC_1238	20	4435	0.63	0.61	0.09	0.62	0.61	0.60	0.55	0.62	0.63	0.38	0.37	0.33	0.63	0.01	1.8%
NC_1239	45	4478	2.82	2.76	0.30	2.79	2.41	2.61	2.32	2.57	2.73	2.44	2.09	2.09	2.73	-0.06	-2.2%
NC_1240	45	4536	3.13	3.09	0.35	3.11	2.77	2.96	2.62	2.84	3.11	2.67	2.29	2.29	3.11	0.00	0.0%
NC_1241	20	4435	0.73	0.72	0.12	0.73	0.71	0.68	0.72	0.73	0.75	0.38	0.37	0.32	0.75	0.02	3.2%
NC_1242	20	4434	0.95	0.92	0.14	0.92	0.95	0.90	0.92	0.91	0.98	0.50	0.49	0.43	0.98	0.06	6.1%
NC_1243	20	4434	0.83	0.82	0.13	0.82	0.80	0.77	0.82	0.81	0.84	0.42	0.41	0.36	0.84	0.02	2.8%
NC_1244	20	4434	1.82	1.76	0.26	1.80	1.82	1.73	1.80	1.73	1.88	0.96	0.94	0.82	1.88	0.08	4.6%
NC_1245	20	4434	0.75	0.75	0.12	0.75	0.73	0.70	0.75	0.74	0.77	0.38	0.37	0.33	0.77	0.02	2.9%
NC_1246	15	4410	0.55	0.55	0.06	0.55	0.55	0.50	0.57	0.54	0.57	0.25	0.25	0.22	0.57	0.02	3.3%
NC_1247	15	4410	0.82	0.81	0.09	0.82	0.82	0.76	0.84	0.77	0.83	0.38	0.37	0.32	0.84	0.02	2.3%
NC_1248	20	4434	1.17	1.14	0.17	1.16	1.16	1.10	1.16	1.13	1.18	0.61	0.60	0.52	1.18	0.02	1.3%
NC_1249	45	4536	0.54	0.51	0.08	0.51	0.38	0.47	0.42	0.47	0.51	0.42	0.40	0.36	0.51	0.00	-0.6%
NC_1250	45	4542	2.68	2.57	0.38	2.66	2.44	2.65	2.28	2.48	2.81	1.98	1.88	1.70	2.81	0.15	5.8%
NC_1251	20	4435	0.28	0.28	0.05	0.30	0.25	0.26	0.21	0.30	0.28	0.19	0.18	0.16	0.30	0.00	0.3%
NC_1252	45	4542	1.28	1.21	0.20	1.27	1.15	1.26	1.05	1.21	1.36	0.91	0.89	0.79	1.36	0.09	6.7%
NC_1253	45	4536	0.86	0.82	0.13	0.87	0.68	0.80	0.67	0.81	0.87	0.63	0.60	0.54	0.87	-0.01	-0.6%
NC_1254	45	4536	0.29	0.28	0.05	0.29	0.24	0.27	0.22	0.30	0.29	0.21	0.20	0.18	0.30	0.01	4.1%
NC_1255	45	4542	1.88	1.81	0.28	1.87	1.47	1.74	1.55	1.64	1.90	1.38	1.33	1.18	1.90	0.03	1.7%
NC_1256	45	4478	2.44	2.32	0.32	2.33	1.62	2.04	1.98	1.90	2.31	1.92	1.80	1.63	2.31	-0.02	-1.1%
NC_1257	45	4540	2.52	2.40	0.31	2.40	1.68	2.10	2.02	1.96	2.39	2.01	1.86	1.69	2.39	-0.01	-0.6%
NC_1258	20	4435	0.33	0.33	0.06	0.35	0.30	0.30	0.27	0.35	0.33	0.20	0.20	0.17	0.35	0.00	0.9%
NC_1259	45	4539	6.65	6.41	0.85	6.42	4.79	5.74	5.38	5.38	6.40	5.21	4.87	4.35	6.40	-0.03	-0.4%
NC_1260	20	4435	0.46	0.45	0.08	0.48	0.41	0.42	0.36	0.48	0.44	0.30	0.29	0.26	0.48	0.00	0.8%
NC_1261	180	4659	131.00	132.04	10.72	134.22	52.21	65.08	64.84	64.45	101.08	122.32	134.22	128.60	134.22	0.00	0.0%
NC_1262	45	4478	0.50	0.47	0.07	0.48	0.32	0.42	0.38	0.41	0.47	0.39	0.37	0.33	0.47	-0.01	-2.3%
NC_1263	15	4410	1.30	1.29	0.13	1.29	1.29	1.19	1.33	1.25	1.29	0.86	0.79	0.74	1.33	0.04	3.3%
NC_1264	45	4536	1.10	1.06	0.16	1.08	0.81	0.98	0.87	0.94	1.08	0.82	0.79	0.70	1.08	0.00	-0.3%
NC_1265	45	4542	1.52	1.46	0.23	1.52	1.23	1.43	1.24	1.34	1.55	1.11	1.07	0.95	1.55	0.03	1.9%
NC_1266	45	4536	2.84	2.75	0.41	2.80	2.10	2.51	2.30	2.37	2.80	2.13	2.03	1.81	2.80	0.00	-0.1%
NC_1267	20	4435	0.33	0.33	0.06	0.35	0.30	0.30	0.26	0.35	0.32	0.20	0.20	0.17	0.35	0.00	0.9%
NC_1268	20	4435	0.36	0.36	0.07	0.38	0.34	0.32	0.34	0.38	0.38	0.20	0.20	0.17	0.38	0.00	1.1%
NC_1269	45	4536	2.98	2.89	0.40	2.93	2.15	2.59	2.41	2.42	2.93	2.29	2.15	1.92	2.93	0.00	-0.1%
NC_1270	20	4435	0.80	0.78	0.13	0.81	0.75	0.75	0.68	0.81	0.81	0.48	0.47	0.41	0.81	0.00	0.4%
NC_1271	45	4540	2.94	2.79	0.36	2.80	2.04	2.49	2.36	2.38	2.76	2.35	2.18	1.98	2.76	-0.04	-1.3%
NC_1272	20	4435	0.13	0.13	0.02	0.14	0.11	0.12	0.09	0.14	0.13	0.08	0.08	0.07	0.14	0.00	-2.9%
NC_1273	60	4569	4.71	4.86	0.45	4.88	2.34	3.02	2.98	2.95	4.32	4.92	4.05	4.27	4.92	0.04	0.8%
NC_1274	20	4436	1.45	1.44	0.14	1.48	1.46	1.48	1.32	1.34	1.53	0.87	0.86	0.75	1.53	0.04	3.0%
NC_1275	30	4509	2.56	2.57	0.16	2.58	2.08	2.40	2.33	2.16	2.60	1.78	1.66	1.43	2.60	0.02	0.8%
NC_1276	20	4434	0.89	0.88	0.14	0.89	0.87	0.83	0.89	0.87	0.91	0.45	0.45	0.39	0.91	0.02	1.7%
NC_1277	45	4542	0.91	0.86	0.14	0.90	0.80	0.88	0.73	0.88	0.95	0.64	0.63	0.55	0.95	0.05	6.0%
NC_1278	15	4412	6.73	6.80	0.48	6.80	7.07	6.66	6.86	5.67	6.78	3.23	3.20	2.78	7.07	0.27	4.0%
NC_1279	15	4412	9.87	9.99	0.47	10.07	10.40	10.28	9.88	8.27	10.27	5.10	5.09	4.44	10.40	0.33	3.3%
NC_1280	10	4376	1.51	1.53	0.07	1.53	1.52	1.41	1.56	1.32	1.47	0.65	0.64	0.56	1.56	0.03	1.7%
NC_1281	15	4410	0.64	0.64	0.06	0.65	0.65	0.57	0.66	0.58	0.64	0.28	0.26	0.23	0.66	0.01	1.2%
NC_1282	15	4410	0.45	0.44	0.05	0.44	0.44	0.40	0.46	0.44	0.46	0.20	0.20	0.17	0.46	0.02	4.8%
NC_1283	15	4411	6.45	6.55	0.49	6.61	6.70	6.34	6.59	5.57	6.48	3.07	3.04	2.64	6.70	0.09	1.3%
NC_1284	10	4376	1.04	1.05	0.05	1.06	1.04	0.96	1.08	0.92	1.02	0.45	0.44	0.38	1.08	0.01	1.4%
NC_1285	15	4410	0.54	0.54	0.06	0.54	0.54	0.49	0.56	0.53	0.56	0.25	0.25	0.21	0.56	0.02	3.1%
NC_1286	15	4410	0.45	0.45	0.05	0.45	0.45	0.41	0.46	0.44	0.46	0.20	0.20	0.17	0.46	0.01	2.9%
NC_1287	20	4434	0.41	0.42	0.07	0.42	0.40	0.38	0.42	0.42	0.43	0.20	0.20	0.17	0.43	0.01	3.3%
NC_1288	15	4412	1.34	1.33	0.14	1.34	1.32	1.26	1.38	1.25	1.34	0.62	0.62	0.54	1.38	0.04	3.0%
NC_1289	15	4410	0.41	0.41	0.05	0.41	0.41	0.38	0.42	0.41	0.43	0.19	0.19	0.16	0.43	0.02	4.9%
NC_1290	20	4435	0.78	0.77	0.13	0.77	0.76	0.73	0.77	0.77	0.80	0.40	0.40	0.35	0.80	0.03	3.6%
NC_1291	20	4435	0.48	0.48	0.08	0.49	0.46	0.44	0.48	0.49	0.50	0.24	0.23	0.20	0.50	0.01	2.0%
NC_1292	20	4435	0.53	0.52	0.10	0.55	0.50	0.48	0.50	0.55	0.55	0.29	0.29	0.25	0.55	0.00	-0.2%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_1293	20	4435	0.84	0.82	0.14	0.85	0.81	0.77	0.79	0.85	0.84	0.47	0.46	0.40	0.85	-0.01	-0.6%
NC_1294	20	4436	1.22	1.19	0.16	1.19	1.22	1.19	1.09	1.19	1.24	0.74	0.72	0.63	1.24	0.05	4.2%
NC_1295	20	4435	0.39	0.39	0.07	0.40	0.36	0.35	0.38	0.40	0.40	0.19	0.19	0.17	0.40	0.00	0.8%
NC_1296	20	4436	3.06	2.98	0.40	3.02	3.17	3.02	2.95	2.85	3.21	1.75	1.72	1.51	3.21	0.19	6.4%
NC_1297	30	4513	4.31	4.32	0.38	4.32	3.63	4.15	3.95	3.71	4.45	3.03	2.87	2.54	4.45	0.13	2.9%
NC_1298	15	4410	0.46	0.46	0.05	0.46	0.46	0.42	0.47	0.45	0.47	0.21	0.20	0.18	0.47	0.01	3.0%
NC_1299	20	4434	0.42	0.43	0.07	0.43	0.41	0.38	0.43	0.43	0.44	0.20	0.20	0.17	0.44	0.01	2.6%
NC_1300	20	4434	0.46	0.46	0.08	0.46	0.44	0.42	0.46	0.46	0.48	0.22	0.22	0.19	0.48	0.02	3.7%
NC_1301	60	4572	21.15	21.64	2.01	21.77	10.04	11.72	11.63	11.53	19.46	21.67	16.61	17.34	21.67	-0.11	-0.5%
NC_1302	15	4410	0.47	0.46	0.06	0.46	0.46	0.43	0.48	0.46	0.48	0.22	0.21	0.18	0.48	0.02	5.2%
NC_1303	20	4436	0.63	0.61	0.08	0.62	0.63	0.62	0.56	0.61	0.64	0.36	0.36	0.31	0.64	0.02	3.1%
NC_1304	30	4509	3.89	3.89	0.41	3.89	3.46	3.87	3.60	3.47	4.07	2.68	2.57	2.25	4.07	0.18	4.7%
NC_1305	15	4412	0.46	0.45	0.06	0.45	0.45	0.42	0.47	0.45	0.48	0.22	0.21	0.18	0.48	0.03	5.6%
NC_1306	20	4434	0.80	0.80	0.12	0.82	0.79	0.76	0.82	0.78	0.82	0.39	0.39	0.34	0.82	0.00	0.4%
NC_1307	20	4434	1.23	1.20	0.17	1.22	1.23	1.18	1.22	1.18	1.26	0.65	0.64	0.56	1.26	0.04	3.4%
NC_1308	15	4410	0.43	0.43	0.05	0.43	0.43	0.39	0.44	0.42	0.45	0.20	0.19	0.17	0.45	0.02	3.7%
NC_1309	15	4412	0.74	0.73	0.09	0.74	0.73	0.70	0.76	0.72	0.76	0.35	0.35	0.30	0.76	0.02	3.1%
NC_1310	20	4436	4.10	4.06	0.47	4.16	4.28	4.16	3.97	3.70	4.36	2.36	2.34	2.05	4.36	0.20	4.8%
NC_1311	20	4436	3.09	3.01	0.39	3.06	3.19	3.06	2.96	2.88	3.25	1.77	1.75	1.54	3.25	0.19	6.2%
NC_1312	20	4435	0.85	0.82	0.12	0.84	0.84	0.80	0.81	0.84	0.85	0.45	0.45	0.39	0.85	0.01	1.1%
NC_1313	20	4434	1.04	1.02	0.16	1.03	1.02	0.97	1.03	1.01	1.05	0.53	0.52	0.45	1.05	0.02	1.9%
NC_1314	15	4410	0.44	0.44	0.05	0.44	0.44	0.40	0.45	0.43	0.46	0.20	0.20	0.17	0.46	0.02	3.6%
NC_1315	20	4434	0.45	0.46	0.08	0.46	0.44	0.41	0.46	0.46	0.47	0.22	0.22	0.19	0.47	0.01	2.6%
NC_1316	20	4435	0.46	0.46	0.08	0.47	0.44	0.42	0.46	0.47	0.48	0.23	0.22	0.20	0.48	0.01	1.7%
NC_1317	20	4435	1.68	1.61	0.25	1.63	1.68	1.59	1.59	1.63	1.72	0.94	0.92	0.81	1.72	0.09	5.7%
NC_1318	15	4412	0.51	0.50	0.06	0.51	0.50	0.47	0.52	0.51	0.53	0.24	0.24	0.21	0.53	0.02	4.5%
NC_1319	60	4563	5.11	5.09	0.10	5.11	3.39	3.88	3.86	3.79	4.87	5.11	4.60	4.04	5.11	0.00	0.1%
NC_1320	20	4434	0.91	0.90	0.14	0.92	0.89	0.86	0.92	0.87	0.93	0.44	0.44	0.38	0.93	0.01	0.5%
NC_1321	30	4509	4.36	4.39	0.22	4.41	3.66	4.10	4.00	3.80	4.42	3.36	3.07	2.65	4.42	0.01	0.2%
NC_1322	30	4509	4.35	4.38	0.20	4.40	3.60	4.06	3.97	3.77	4.44	3.40	3.09	2.65	4.44	0.04	0.8%
NC_1323	20	4435	0.26	0.25	0.05	0.27	0.24	0.22	0.24	0.27	0.27	0.14	0.14	0.12	0.27	0.00	1.1%
NC_1324	45	4541	14.20	13.87	0.80	13.88	10.01	11.88	11.62	11.19	13.86	12.87	10.65	10.23	13.86	-0.03	-0.2%
NC_1325	45	4536	4.30	4.20	0.50	4.26	3.60	4.00	3.62	3.82	4.26	3.38	3.11	2.83	4.26	0.00	0.0%
NC_1326	20	4435	0.29	0.28	0.06	0.31	0.26	0.25	0.25	0.31	0.29	0.16	0.16	0.14	0.31	0.00	-1.3%
NC_1327	45	4539	4.29	4.20	0.33	4.24	3.02	3.59	3.49	3.36	4.09	3.73	3.18	2.96	4.09	-0.15	-3.6%
NC_1328	20	4436	0.64	0.62	0.09	0.62	0.66	0.62	0.61	0.61	0.65	0.35	0.35	0.30	0.66	0.04	6.3%
NC_1329	20	4435	0.45	0.45	0.09	0.47	0.42	0.40	0.43	0.47	0.47	0.25	0.24	0.21	0.47	0.00	0.9%
NC_1330	45	4478	1.90	1.84	0.23	1.85	1.50	1.76	1.62	1.66	1.85	1.47	1.37	1.26	1.85	0.00	0.1%
NC_1331	45	4542	0.55	0.53	0.08	0.56	0.49	0.54	0.46	0.54	0.58	0.40	0.39	0.34	0.58	0.02	3.0%
NC_1332	20	4435	0.44	0.43	0.08	0.46	0.40	0.40	0.36	0.46	0.43	0.27	0.27	0.23	0.46	0.00	0.9%
NC_1333	45	4540	3.22	3.15	0.32	3.16	2.50	2.86	2.70	2.68	3.01	2.76	2.38	2.28	3.01	-0.15	-4.9%
NC_1334	45	4540	2.31	2.23	0.26	2.25	1.61	1.94	1.85	1.82	2.16	1.93	1.73	1.61	2.16	-0.09	-3.8%
NC_1335	45	4542	3.39	3.24	0.48	3.37	3.32	3.42	2.97	3.22	3.59	2.46	2.36	2.11	3.59	0.22	6.6%
NC_1336	20	4436	2.48	2.46	0.24	2.53	2.55	2.53	2.34	2.28	2.64	1.69	1.62	1.48	2.64	0.11	4.5%
NC_1337	20	4436	5.47	5.48	0.44	5.62	5.34	5.62	4.97	5.08	5.86	3.83	3.70	3.31	5.86	0.24	4.3%
NC_1338	20	4435	1.16	1.12	0.19	1.17	1.12	1.07	1.07	1.17	1.17	0.66	0.65	0.56	1.17	0.00	-0.1%
NC_1339	45	4478	0.60	0.57	0.09	0.57	0.44	0.52	0.46	0.54	0.56	0.47	0.45	0.41	0.56	-0.01	-1.2%
NC_1340	20	4435	0.39	0.39	0.07	0.40	0.36	0.35	0.37	0.40	0.40	0.20	0.20	0.17	0.40	0.00	0.5%
NC_1341	20	4435	0.90	0.88	0.12	0.91	0.83	0.85	0.77	0.91	0.88	0.62	0.59	0.53	0.91	0.00	0.2%
NC_1342	45	4536	0.46	0.44	0.07	0.45	0.38	0.42	0.36	0.45	0.45	0.34	0.32	0.29	0.45	0.00	0.9%
NC_1343	20	4435	1.73	1.69	0.21	1.70	1.66	1.68	1.51	1.70	1.77	1.21	1.16	1.04	1.77	0.07	4.1%
NC_1344	20	4435	0.55	0.54	0.10	0.57	0.49	0.50	0.45	0.58	0.53	0.35	0.34	0.30	0.58	0.01	0.9%
NC_1345	20	4435	0.29	0.29	0.05	0.31	0.26	0.27	0.21	0.31	0.28	0.18	0.18	0.16	0.31	0.00	0.0%
NC_1346	20	4435	0.35	0.35	0.07	0.38	0.32	0.32	0.31	0.38	0.36	0.20	0.20	0.18	0.38	-0.01	-1.3%
NC_1347	20	4435	1.86	1.82	0.28	1.88	1.75	1.77	1.54	1.88	1.88	1.18	1.16	1.01	1.88	0.00	0.0%
NC_1348	20	4435	0.39	0.40	0.07	0.40	0.38	0.36	0.40	0.40	0.41	0.19	0.19	0.16	0.41	0.01	3.5%
NC_1349	20	4435	1.19	1.16	0.19	1.17	1.17	1.11	1.14	1.17	1.19	0.65	0.64	0.56	1.19	0.02	1.7%
NC_1350	20	4436	6.11	6.08	0.63	6.25	6.15	6.25	5.67	5.59	6.60	3.90	3.82	3.36	6.60	0.35	5.6%
NC_1351	20	4435	0.83	0.81	0.14	0.82	0.80	0.77	0.80	0.82	0.84	0.44	0.43	0.37	0.84	0.02	2.1%
NC_1352	20	4435	0.50	0.50	0.09	0.50	0.48	0.45	0.50	0.50	0.52	0.25	0.24	0.21	0.52	0.02	3.4%
NC_1353	20	4435	0.42	0.42	0.08	0.43	0.39	0.38	0.41	0.43	0.44	0.21	0.21	0.18	0.44	0.01	1.4%
NC_1354	20	4435	1.20	1.16	0.19	1.19	1.18	1.11	1.14	1.19	1.20	0.67	0.66	0.58	1.20	0.01	0.6%
NC_1355	20	4435	0.80	0.79	0.13	0.79	0.77	0.74	0.78	0.79	0.81	0.42	0.41	0.36	0.81	0.02	2.8%
NC_1356	20	4440	6.36	6.38	0.59	6.57	6.40	6.60	6.01	5.74	6.93	4.15	4.05	3.57	6.93	0.36	5.5%
NC_1357	15	4410	0.28	0.28	0.04	0.28	0.28	0.26	0.29	0.28	0.30	0.13	0.12	0.11	0.30	0.02	5.7%
NC_1358	20	4436	1.65	1.59	0.20	1.63	1.69	1.63	1.51	1.56	1.70	0.96	0.95	0.83	1.70	0.07	4.3%
NC_1359	20	4434	0.46	0.47	0.08	0.47	0.45	0.42	0.47	0.47	0.48	0.22	0.22	0.19	0.48	0.01	2.3%
NC_1360	20	4435	0.82	0.81	0.13	0.81	0.79	0.76	0.80	0.81	0.84	0.43	0.42	0.37	0.84	0.03	3.7%
NC_1361	60	4568	2.65	2.71	0.16	2.72	1.39	1.75	1.73	1.73	2.45	2.79	2.50	2.58	2.79	0.07	2.7%
NC_1362	20	4436	1.92	1.85	0.25	1.89	1.97	1.89	1.82	1.80	2.00	1.12	1.10	0.96	2.00	0.11	5.7%
NC_1363	20	4435	1.60	1.54	0.24	1.57	1.60	1.51	1.52	1.57	1.63	0.90	0.89	0.77	1.63	0.06	3.8%
NC_1364	20	4434	0.69	0.68	0.11	0.69	0.67	0.64	0.69	0.68	0.71	0.35	0.34	0.30	0.71	0.02	2.6%
NC_1365	20	4436	4.27	4.22	0.47	4.34	4.43	4.34	4.08	3.89	4.54	2.52	2.49	2.19	4.54	0.20	4.7%
NC_1366	20	4436	2.62	2.54	0.34	2.58	2.70	2.58	2.50	2.46	2.73	1.51	1.49	1.31	2.73	0.15	5.6%
NC_1367	20	4435	1.26	1.21	0.18	1.21	1.28	1.21	1.20	1.21	1.29	0.70	0.69	0.60	1.29	0.08	6.6%
NC_1368	45	4539	1.94	1.88	0.22	1.89	1.69	1.80	1.57	1.81	1.88	1.59	1.44	1.37	1.88	-0.01	-0.8%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_1369	15	4412	0.41	0.41	0.05	0.41	0.41	0.38	0.42	0.41	0.43	0.19	0.19	0.17	0.43	0.02	5.4%
NC_1370	20	4435	0.91	0.89	0.15	0.91	0.89	0.84	0.88	0.91	0.92	0.50	0.49	0.43	0.92	0.01	0.8%
NC_1371	180	4659	19.11	18.65	2.98	18.90	6.12	7.39	7.31	7.24	13.33	18.74	18.90	17.36	18.90	0.00	0.0%
NC_1372	20	4435	0.96	0.93	0.15	0.94	0.94	0.90	0.92	0.94	0.99	0.53	0.52	0.45	0.99	0.05	4.8%
NC_1373	180	4662	15.13	14.79	2.52	14.95	4.01	5.21	5.11	5.07	11.14	15.56	14.62	13.35	15.56	0.61	4.1%
NC_1374	15	4410	0.28	0.27	0.04	0.27	0.27	0.25	0.29	0.28	0.29	0.13	0.13	0.11	0.29	0.02	8.9%
NC_1375	20	4435	0.55	0.54	0.10	0.57	0.52	0.50	0.52	0.57	0.57	0.30	0.30	0.26	0.57	0.00	-0.2%
NC_1376	20	4435	1.09	1.06	0.17	1.07	1.07	1.02	1.05	1.07	1.11	0.59	0.58	0.51	1.11	0.04	3.6%
NC_1377	20	4435	0.42	0.42	0.07	0.44	0.36	0.39	0.31	0.44	0.41	0.29	0.28	0.25	0.44	0.00	0.7%
NC_1378	20	4435	0.35	0.34	0.07	0.37	0.32	0.31	0.30	0.37	0.35	0.21	0.20	0.18	0.37	0.00	0.5%
NC_1379	45	4542	1.64	1.60	0.22	1.65	1.53	1.61	1.38	1.53	1.69	1.25	1.18	1.07	1.69	0.04	2.5%
NC_1380	20	4436	1.91	1.85	0.25	1.86	1.96	1.86	1.84	1.79	1.97	1.14	1.11	0.98	1.97	0.11	5.9%
NC_1381	20	4435	0.39	0.38	0.07	0.41	0.35	0.35	0.32	0.41	0.38	0.23	0.23	0.20	0.41	0.00	-0.2%
NC_1382	20	4435	0.59	0.59	0.10	0.59	0.56	0.54	0.59	0.59	0.61	0.30	0.29	0.26	0.61	0.02	3.2%
NC_1383	20	4436	1.11	1.08	0.13	1.10	1.09	1.10	0.96	1.07	1.14	0.69	0.68	0.59	1.14	0.04	3.6%
NC_1384	20	4435	0.80	0.79	0.14	0.80	0.78	0.74	0.77	0.80	0.82	0.43	0.42	0.37	0.82	0.02	2.1%
NC_1385	15	4410	0.50	0.50	0.06	0.50	0.50	0.45	0.52	0.47	0.51	0.22	0.22	0.19	0.52	0.02	3.0%
NC_1386	60	4565	11.63	11.90	0.93	11.93	6.10	7.54	7.44	7.17	10.75	12.30	9.98	9.84	12.30	0.37	3.1%
NC_1387	20	4436	1.19	1.17	0.13	1.18	1.16	1.18	1.02	1.17	1.22	0.81	0.77	0.69	1.22	0.04	3.1%
NC_1388	45	4540	1.45	1.41	0.15	1.41	1.09	1.27	1.20	1.20	1.37	1.21	1.07	1.00	1.37	-0.04	-3.1%
NC_1389	20	4435	0.38	0.38	0.07	0.40	0.36	0.34	0.37	0.40	0.40	0.20	0.20	0.18	0.40	0.00	0.3%
NC_1390	20	4435	1.48	1.45	0.23	1.45	1.47	1.39	1.44	1.45	1.50	0.80	0.79	0.68	1.50	0.05	3.7%
NC_1391	20	4435	0.47	0.47	0.08	0.48	0.45	0.43	0.47	0.48	0.49	0.24	0.23	0.20	0.49	0.01	2.1%
NC_1392	20	4435	0.70	0.70	0.12	0.70	0.68	0.65	0.69	0.70	0.72	0.36	0.36	0.31	0.72	0.02	2.7%
NC_1393	60	4565	16.50	16.95	1.43	17.01	9.74	11.83	11.67	11.19	15.52	17.28	13.90	13.79	17.28	0.27	1.6%
NC_1394	60	4569	4.58	4.70	0.47	4.71	3.49	4.07	3.93	3.73	4.54	4.30	3.46	3.40	4.54	-0.17	-3.5%
NC_1395	60	4565	4.61	4.71	0.49	4.77	3.66	4.22	4.04	3.84	4.59	4.28	3.42	3.42	4.59	-0.18	-3.9%
NC_1396	45	4478	1.00	0.96	0.14	0.99	0.86	0.97	0.85	0.92	1.02	0.74	0.71	0.63	1.02	0.03	2.9%
NC_1397	15	4412	0.52	0.51	0.06	0.51	0.51	0.48	0.53	0.52	0.54	0.25	0.24	0.21	0.54	0.03	6.3%
NC_1398	20	4436	1.23	1.22	0.12	1.25	1.25	1.25	1.12	1.15	1.28	0.71	0.70	0.61	1.28	0.02	2.0%
NC_1399	15	4412	0.46	0.45	0.06	0.45	0.45	0.42	0.47	0.45	0.48	0.22	0.21	0.19	0.48	0.03	5.6%
NC_1400	20	4435	0.42	0.43	0.08	0.44	0.40	0.38	0.42	0.44	0.44	0.22	0.21	0.19	0.44	0.00	0.5%
NC_1401	15	4410	0.65	0.65	0.06	0.66	0.66	0.63	0.66	0.59	0.66	0.31	0.31	0.27	0.66	0.00	0.3%
NC_1402	15	4408	0.03	0.03	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.01	0.01	0.01	0.03	0.00	10.0%
NC_1403	20	4435	0.64	0.63	0.09	0.64	0.61	0.61	0.58	0.64	0.63	0.40	0.39	0.34	0.64	0.00	0.3%
NC_1404	20	4434	1.04	1.01	0.14	1.01	1.04	0.99	1.01	1.00	1.05	0.61	0.60	0.53	1.05	0.04	4.3%
NC_1405	30	4513	1.33	1.33	0.14	1.34	1.18	1.34	1.22	1.29	1.38	0.85	0.84	0.73	1.38	0.04	2.8%
NC_1406	15	4409	0.04	0.04	0.00	0.04	0.04	0.03	0.04	0.03	0.04	0.01	0.01	0.01	0.04	0.00	-10.0%
NC_1407	20	4444	0.14	0.14	0.03	0.15	0.13	0.13	0.13	0.15	0.15	0.07	0.07	0.06	0.15	0.00	2.7%
NC_1408	20	4435	1.10	1.07	0.17	1.09	1.08	1.02	1.05	1.09	1.10	0.61	0.60	0.52	1.10	0.01	1.3%
NC_1409	20	4435	0.59	0.59	0.11	0.61	0.56	0.54	0.58	0.61	0.61	0.31	0.31	0.27	0.61	0.00	0.5%
NC_1410	15	4410	0.48	0.48	0.06	0.48	0.48	0.43	0.49	0.46	0.49	0.22	0.21	0.19	0.49	0.01	2.7%
NC_1411	15	4412	0.98	0.97	0.11	0.97	0.96	0.91	1.00	0.96	1.01	0.48	0.47	0.41	1.01	0.03	3.6%
NC_1412	20	4436	1.13	1.13	0.11	1.17	1.16	1.17	1.06	1.03	1.20	0.65	0.65	0.56	1.20	0.03	2.3%
NC_1413	15	4410	0.21	0.21	0.03	0.21	0.21	0.19	0.21	0.21	0.22	0.09	0.09	0.08	0.22	0.01	4.3%
NC_1414	15	4410	0.52	0.52	0.06	0.53	0.53	0.47	0.54	0.49	0.53	0.23	0.22	0.19	0.54	0.01	1.5%
NC_1415	20	4440	2.65	2.67	0.17	2.71	2.62	2.76	2.50	2.41	2.79	1.61	1.58	1.42	2.79	0.08	2.8%
NC_1416	20	4434	1.24	1.21	0.15	1.22	1.27	1.20	1.22	1.16	1.27	0.72	0.70	0.63	1.27	0.05	3.9%
NC_1417	20	4436	1.88	1.89	0.16	1.94	1.93	1.94	1.76	1.73	1.97	1.13	1.11	1.00	1.97	0.03	1.3%
NC_1418	15	4409	0.55	0.56	0.05	0.56	0.55	0.48	0.56	0.49	0.54	0.23	0.22	0.19	0.56	0.00	0.4%
NC_1419	30	4509	2.65	2.68	0.23	2.71	2.45	2.72	2.59	2.37	2.78	1.72	1.64	1.48	2.78	0.07	2.6%
NC_1420	20	4440	5.34	5.37	0.31	5.46	5.15	5.52	5.04	4.95	5.67	3.38	3.26	2.90	5.67	0.21	3.8%
NC_1421	60	4475	28.49	28.50	1.48	28.62	16.07	19.58	19.45	19.02	27.50	29.25	26.84	24.29	29.25	0.63	2.2%
NC_1422	10	4376	1.12	1.13	0.05	1.13	1.12	1.02	1.16	0.95	1.07	0.47	0.45	0.39	1.16	0.03	2.3%
NC_1423	20	4434	3.27	3.26	0.39	3.32	3.38	3.20	3.32	2.99	3.34	1.75	1.72	1.51	3.38	0.06	1.7%
NC_1424	20	4435	0.32	0.31	0.06	0.34	0.29	0.29	0.26	0.34	0.31	0.19	0.19	0.16	0.34	0.00	-0.6%
NC_1425	60	4573	20.26	20.53	1.26	20.84	11.24	13.78	13.65	13.27	19.17	21.19	18.82	17.17	21.19	0.35	1.7%
NC_1426	20	4435	1.24	1.20	0.18	1.21	1.24	1.18	1.17	1.21	1.24	0.70	0.69	0.60	1.24	0.03	2.6%
NC_1427	15	4410	2.59	2.62	0.22	2.66	2.66	2.53	2.64	2.26	2.58	1.23	1.22	1.06	2.66	0.00	0.2%
NC_1428	10	4376	1.35	1.37	0.06	1.38	1.36	1.25	1.40	1.16	1.30	0.58	0.55	0.48	1.40	0.02	1.4%
NC_1429	15	4410	1.04	1.05	0.09	1.05	1.05	0.93	1.07	0.92	1.01	0.44	0.42	0.36	1.07	0.02	1.9%
NC_1430	15	4410	1.07	1.07	0.11	1.07	1.07	0.98	1.11	0.99	1.07	0.47	0.46	0.40	1.11	0.03	3.3%
NC_1431	10	4376	1.24	1.25	0.06	1.25	1.25	1.14	1.28	1.07	1.20	0.53	0.51	0.44	1.28	0.03	2.2%
NC_1432	15	4410	1.75	1.75	0.17	1.77	1.77	1.69	1.78	1.61	1.77	0.86	0.85	0.74	1.78	0.00	0.3%
NC_1433	15	4412	6.32	6.36	0.41	6.38	6.70	6.39	6.32	5.40	6.48	3.22	3.21	2.79	6.70	0.32	5.0%
NC_1434	20	4440	10.14	10.19	0.92	10.38	10.63	10.58	9.99	8.92	10.72	5.73	5.67	4.97	10.72	0.34	3.2%
NC_1435	20	4436	2.12	2.13	0.18	2.18	2.16	2.18	1.98	1.93	2.22	1.22	1.22	1.07	2.22	0.04	1.9%
NC_1436	20	4435	0.53	0.52	0.10	0.56	0.50	0.48	0.49	0.56	0.54	0.31	0.30	0.26	0.56	0.00	-0.4%
NC_1437	15	4410	0.49	0.49	0.06	0.49	0.49	0.45	0.51	0.48	0.51	0.22	0.22	0.19	0.51	0.02	3.5%
NC_1438	15	4410	1.09	1.09	0.11	1.09	1.09	1.00	1.13	1.02	1.10	0.49	0.48	0.42	1.13	0.04	3.5%
NC_1439	20	4435	0.28	0.28	0.05	0.30	0.24	0.26	0.21	0.30	0.28	0.19	0.19	0.16	0.30	0.00	0.0%
NC_1440	15	4410	1.50	1.50	0.15	1.51	1.51	1.44	1.51	1.40	1.53	0.75	0.74	0.65	1.53	0.02	1.2%
NC_1441	15	4410	0.48	0.48	0.05	0.48	0.48	0.43	0.49	0.45	0.49	0.21	0.20	0.18	0.49	0.01	2.3%
NC_1442	15	4410	0.84	0.83	0.09	0.83	0.83	0.78	0.85	0.81	0.86	0.41	0.40	0.35	0.86	0.03	3.3%
NC_1443	20	4440	8.87	8.89	0.73	9.08	8.98	9.28	8.59	7.85	9.53	5.36	5.26	4.61	9.53	0.45	5.0%
NC_1444	15	4410	0.46	0.46	0.05	0.46	0.46	0.41	0.47	0.44	0.47	0.20	0.20	0.17	0.47	0.01	3.0%

ARR2019 Results for 5%AEP Event																	
Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_1445	15	4410	0.49	0.49	0.06	0.49	0.49	0.45	0.51	0.48	0.51	0.22	0.22	0.19	0.51	0.02	3.5%
NC_1446	20	4440	4.10	4.10	0.33	4.18	4.18	4.30	3.96	3.64	4.40	2.72	2.61	2.32	4.40	0.22	5.2%
NC_1447	15	4410	0.45	0.45	0.05	0.45	0.45	0.41	0.46	0.43	0.46	0.20	0.20	0.17	0.46	0.01	2.4%
NC_1448	60	4475	21.59	21.55	1.50	21.61	11.41	13.54	13.44	13.37	19.93	22.63	19.05	18.71	22.63	1.02	4.7%
NC_1449	15	4412	1.34	1.32	0.14	1.32	1.31	1.27	1.37	1.27	1.35	0.65	0.64	0.55	1.37	0.05	3.8%
NC_1450	15	4410	0.58	0.58	0.06	0.58	0.58	0.52	0.60	0.55	0.59	0.26	0.25	0.22	0.60	0.02	2.8%
NC_1451	15	4412	0.56	0.55	0.07	0.55	0.55	0.51	0.57	0.56	0.58	0.27	0.27	0.23	0.58	0.03	5.5%
NC_1452	15	4412	0.51	0.50	0.06	0.50	0.50	0.47	0.52	0.51	0.53	0.24	0.24	0.21	0.53	0.03	5.8%
NC_1453	15	4410	0.48	0.47	0.06	0.47	0.47	0.43	0.49	0.46	0.49	0.22	0.21	0.19	0.49	0.02	4.5%
NC_1454	20	4434	1.35	1.33	0.19	1.38	1.33	1.29	1.38	1.29	1.37	0.67	0.66	0.57	1.38	0.00	-0.3%
NC_1455	60	4565	1.30	1.31	0.21	1.36	0.89	1.07	0.98	1.08	1.15	1.10	0.99	0.94	1.15	-0.21	-15.4%
NC_1456	20	4435	0.38	0.37	0.07	0.40	0.35	0.33	0.35	0.40	0.39	0.20	0.20	0.18	0.40	-0.01	-1.3%
NC_1457	45	4536	0.42	0.40	0.06	0.41	0.32	0.38	0.32	0.41	0.41	0.31	0.30	0.27	0.41	0.00	-0.5%
NC_1458	15	4412	0.92	0.90	0.10	0.90	0.90	0.85	0.94	0.91	0.95	0.46	0.45	0.39	0.95	0.04	5.0%
NC_1459	20	4435	0.31	0.31	0.06	0.33	0.27	0.29	0.22	0.33	0.30	0.20	0.20	0.17	0.33	0.00	-0.6%
NC_1460	45	4541	1.06	1.00	0.14	1.01	0.82	0.94	0.86	0.91	1.00	0.84	0.79	0.72	1.00	-0.02	-1.5%
NC_1461	45	4536	1.36	1.32	0.17	1.34	1.20	1.28	1.12	1.26	1.34	1.06	0.99	0.90	1.34	0.00	0.0%
NC_1462	45	4536	1.54	1.51	0.20	1.55	1.42	1.48	1.28	1.43	1.55	1.19	1.11	1.03	1.55	0.00	0.0%
NC_1463	20	4436	4.53	4.44	0.47	4.49	4.43	4.49	4.07	4.38	4.66	3.07	2.89	2.65	4.66	0.17	3.8%
NC_1464	20	4434	0.44	0.45	0.08	0.45	0.43	0.40	0.45	0.45	0.46	0.21	0.21	0.18	0.46	0.01	3.1%
NC_1465	20	4440	7.08	7.12	0.52	7.25	6.97	7.39	6.73	6.35	7.68	4.90	4.67	4.28	7.68	0.43	5.9%
NC_1466	15	4410	0.47	0.46	0.06	0.46	0.46	0.43	0.48	0.46	0.49	0.22	0.22	0.19	0.49	0.03	5.9%
NC_1467	15	4412	0.42	0.41	0.05	0.41	0.41	0.38	0.43	0.42	0.44	0.20	0.20	0.17	0.44	0.03	7.6%
NC_1468	20	4434	0.45	0.45	0.08	0.46	0.44	0.41	0.46	0.45	0.47	0.22	0.22	0.19	0.47	0.01	2.2%
NC_1469	20	4434	1.04	1.03	0.15	1.05	1.02	0.98	1.05	1.00	1.06	0.52	0.51	0.44	1.06	0.00	0.5%
NC_1470	15	4410	0.46	0.46	0.06	0.46	0.46	0.42	0.47	0.46	0.48	0.22	0.21	0.19	0.48	0.02	4.6%
NC_1471	20	4434	1.10	1.08	0.16	1.11	1.07	1.03	1.11	1.06	1.11	0.55	0.54	0.47	1.11	0.00	0.4%
NC_1472	15	4410	0.42	0.42	0.05	0.42	0.42	0.39	0.43	0.42	0.44	0.20	0.20	0.17	0.44	0.02	5.0%
NC_1473	15	4410	0.44	0.44	0.05	0.44	0.44	0.40	0.46	0.43	0.46	0.20	0.20	0.17	0.46	0.02	4.1%
NC_1474	15	4410	0.47	0.47	0.05	0.47	0.47	0.42	0.48	0.45	0.48	0.21	0.21	0.18	0.48	0.01	2.3%
NC_1475	20	4434	0.72	0.72	0.12	0.72	0.69	0.66	0.72	0.72	0.74	0.36	0.36	0.31	0.74	0.02	2.6%
NC_1476	15	4410	0.30	0.30	0.03	0.30	0.30	0.26	0.30	0.28	0.30	0.13	0.12	0.11	0.30	0.00	1.3%
NC_1477	20	4435	0.80	0.79	0.13	0.79	0.78	0.75	0.78	0.79	0.81	0.42	0.41	0.36	0.81	0.02	3.0%
NC_1478	180	4667	12.08	12.15	0.49	12.28	5.83	6.82	6.80	6.77	9.29	10.99	12.59	11.97	12.59	0.31	2.5%
NC_1479	60	4565	0.92	0.92	0.16	0.93	0.62	0.77	0.68	0.80	0.84	0.78	0.70	0.69	0.84	-0.09	-10.0%
NC_1480	60	4565	2.61	2.63	0.42	2.72	1.43	1.93	1.84	1.90	2.30	2.23	1.97	1.90	2.30	-0.42	-15.4%
NC_1481	60	4565	3.10	3.13	0.49	3.22	1.65	2.23	2.14	2.20	2.72	2.67	2.35	2.21	2.72	-0.50	-15.5%
NC_1482	45	4536	8.93	8.60	1.05	8.61	6.31	7.60	7.13	7.12	8.61	7.15	6.58	5.88	8.61	0.00	0.0%
NC_1483	45	4536	1.68	1.63	0.24	1.67	1.22	1.49	1.38	1.39	1.67	1.26	1.20	1.09	1.67	0.00	-0.3%
NC_1484	45	4536	0.41	0.39	0.06	0.40	0.31	0.37	0.31	0.40	0.40	0.31	0.29	0.27	0.40	0.00	-0.3%
NC_1485	20	4435	0.67	0.66	0.11	0.70	0.60	0.62	0.52	0.70	0.66	0.47	0.45	0.40	0.70	0.00	0.6%
NC_1486	45	4536	0.40	0.38	0.06	0.39	0.30	0.36	0.30	0.38	0.39	0.30	0.29	0.26	0.39	0.00	-0.5%
NC_1487	30	4509	3.68	3.70	0.28	3.72	3.09	3.54	3.44	3.11	3.79	2.54	2.41	2.10	3.79	0.07	2.0%
NC_1488	30	4513	2.14	2.12	0.18	2.12	1.86	2.09	1.94	1.96	2.15	1.68	1.53	1.42	2.15	0.03	1.3%
NC_1489	60	4569	11.60	11.92	0.96	12.05	3.08	5.11	5.05	5.04	10.25	12.50	9.96	9.86	12.50	0.45	3.7%
NC_1490	45	4536	0.56	0.54	0.08	0.54	0.41	0.50	0.43	0.53	0.54	0.44	0.41	0.38	0.54	0.00	-0.4%
NC_1491	20	4440	3.18	3.18	0.31	3.28	3.27	3.29	3.07	2.85	3.40	1.89	1.86	1.63	3.40	0.12	3.7%
NC_1492	15	4412	9.85	10.00	0.48	10.09	10.39	10.22	9.83	8.25	10.25	5.07	5.09	4.41	10.39	0.30	2.9%
NC_1493	60	4565	13.90	13.97	1.40	14.09	12.36	13.49	12.58	12.13	14.12	14.02	11.01	12.51	14.12	0.03	0.2%
NC_1494	20	4434	1.11	1.09	0.17	1.10	1.08	1.04	1.10	1.08	1.12	0.57	0.56	0.49	1.12	0.02	1.5%
NC_1495	15	4410	1.01	1.02	0.09	1.02	1.02	0.91	1.04	0.90	0.99	0.43	0.41	0.35	1.04	0.02	2.2%
NC_1496	20	4434	1.23	1.21	0.17	1.25	1.21	1.17	1.25	1.17	1.24	0.61	0.60	0.52	1.25	0.00	0.1%
NC_1497	20	4434	1.89	1.86	0.24	1.87	1.96	1.84	1.87	1.76	1.91	0.98	0.97	0.84	1.96	0.09	4.6%
NC_1498	20	4435	0.30	0.29	0.06	0.32	0.27	0.26	0.27	0.32	0.31	0.17	0.16	0.14	0.32	0.00	-0.9%
NC_1499	20	4435	0.40	0.40	0.07	0.41	0.38	0.36	0.40	0.41	0.42	0.20	0.19	0.17	0.42	0.01	1.7%
NC_1500	20	4436	2.93	2.86	0.34	2.92	2.96	2.92	2.69	2.75	3.07	1.81	1.77	1.55	3.07	0.15	5.2%
NC_1501	180	4659	22.34	22.99	3.43	23.02	12.51	14.64	14.09	13.65	16.25	18.93	23.02	22.84	23.02	0.00	0.0%
NC_1502	15	4410	0.37	0.37	0.04	0.37	0.37	0.33	0.38	0.36	0.38	0.16	0.16	0.14	0.38	0.01	3.2%
NC_1503	20	4435	1.75	1.69	0.25	1.70	1.77	1.67	1.65	1.70	1.78	0.99	0.97	0.85	1.78	0.08	4.6%
NC_1504	20	4435	0.32	0.32	0.06	0.33	0.29	0.28	0.31	0.33	0.33	0.16	0.16	0.14	0.33	0.00	0.3%
NC_1505	15	4410	0.20	0.19	0.03	0.20	0.20	0.17	0.20	0.19	0.20	0.09	0.08	0.07	0.20	0.00	2.0%
NC_1506	20	4434	1.39	1.35	0.20	1.36	1.38	1.32	1.36	1.35	1.42	0.76	0.74	0.65	1.42	0.06	4.3%
NC_1507	20	4435	1.45	1.42	0.22	1.42	1.44	1.36	1.41	1.42	1.45	0.79	0.78	0.68	1.45	0.03	2.1%
NC_1508	20	4435	0.62	0.62	0.11	0.63	0.58	0.56	0.61	0.63	0.64	0.32	0.32	0.28	0.64	0.01	1.1%
NC_1509	20	4435	0.95	0.95	0.16	0.97	0.91	0.87	0.92	0.97	0.97	0.54	0.53	0.46	0.97	0.00	0.4%
NC_1510	20	4436	2.41	2.34	0.30	2.39	2.48	2.39	2.28	2.25	2.52	1.45	1.42	1.25	2.52	0.13	5.4%
NC_1511	15	4412	0.55	0.54	0.07	0.55	0.54	0.50	0.56	0.54	0.57	0.26	0.26	0.22	0.57	0.02	3.8%
NC_1512	20	4434	1.04	1.02	0.16	1.02	1.02	0.98	1.03	1.01	1.05	0.54	0.53	0.46	1.05	0.03	2.7%
NC_1513	20	4435	1.20	1.16	0.19	1.19	1.19	1.13	1.13	1.19	1.20	0.69	0.68	0.59	1.20	0.01	1.1%
NC_1514	20	4435	0.62	0.62	0.11	0.64	0.58	0.56	0.61	0.64	0.64	0.33	0.33	0.29	0.64	0.00	0.5%
NC_1515	20	4435	0.66	0.66	0.11	0.67	0.62	0.60	0.66	0.67	0.68	0.34	0.34	0.29	0.68	0.01	2.1%
NC_1516	20	4435	0.85	0.85	0.14	0.85	0.81	0.78	0.85	0.85	0.87	0.44	0.43	0.38	0.87	0.02	2.6%
NC_1517	20	4435	1.22	1.19	0.19	1.19	1.21	1.15	1.19	1.19	1.24	0.66	0.65	0.57	1.24	0.05	4.5%
NC_1518	20	4435	0.43	0.43	0.08	0.44	0.40	0.38	0.41	0.44	0.44	0.22	0.22	0.19	0.44	0.00	0.7%
NC_1519	20	4435	0.83	0.80	0.14	0.83	0.81	0.76	0.77	0.83	0.83	0.47	0.46	0.40	0.83	0.00	0.0%
NC_1520	60	4569	5.00	5.13	0.65	5.17	2.65	3.60	3.47	3.26	4.64	4.44	2.98	2.75	4.64	-0.53	-10.2%

ARR2019 Results for 5%AEP Event																	
Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_1521	20	4435	2.02	1.95	0.30	1.98	2.02	1.91	1.92	1.98	2.06	1.18	1.15	1.01	2.06	0.08	3.9%
NC_1522	20	4434	3.04	2.96	0.41	2.98	3.11	2.95	2.98	2.86	3.14	1.70	1.67	1.46	3.14	0.16	5.2%
NC_1523	20	4436	2.52	2.46	0.29	2.53	2.60	2.53	2.40	2.34	2.66	1.52	1.49	1.32	2.66	0.13	5.1%
NC_1524	20	4434	1.10	1.10	0.17	1.11	1.05	1.02	1.11	1.10	1.13	0.58	0.57	0.50	1.13	0.02	1.6%
NC_1525	45	4541	5.16	5.06	0.56	5.08	2.72	3.88	3.71	3.49	4.77	4.39	2.93	2.76	4.77	-0.31	-6.0%
NC_1526	30	4509	3.17	3.19	0.26	3.19	2.98	3.20	3.04	2.85	3.30	2.21	2.12	1.88	3.30	0.11	3.3%
NC_1527	15	4410	0.71	0.71	0.08	0.71	0.71	0.67	0.73	0.67	0.72	0.33	0.32	0.28	0.73	0.02	3.0%
NC_1528	15	4412	0.49	0.49	0.06	0.49	0.49	0.45	0.51	0.47	0.50	0.22	0.21	0.19	0.51	0.02	3.3%
NC_1529	20	4435	0.34	0.34	0.06	0.34	0.32	0.31	0.34	0.34	0.35	0.16	0.16	0.14	0.35	0.01	4.1%
NC_1530	60	4565	16.80	17.53	2.35	17.67	5.09	8.50	8.29	7.89	14.93	16.23	11.57	13.01	16.23	-1.44	-8.1%
NC_1531	20	4435	0.30	0.31	0.06	0.31	0.29	0.27	0.30	0.31	0.32	0.15	0.14	0.13	0.32	0.01	2.6%
NC_1532	90	4592	11.52	11.60	0.27	11.62	6.81	8.00	7.96	7.87	10.11	11.91	11.64	11.40	11.91	0.29	2.5%
NC_1533	180	4667	11.68	12.01	0.82	12.02	5.95	7.03	7.00	6.96	9.46	11.13	12.18	11.66	12.18	0.16	1.3%
NC_1534	30	4513	3.06	3.05	0.25	3.07	2.51	2.89	2.76	2.64	3.10	2.28	2.12	1.90	3.10	0.03	0.8%
NC_1535	20	4440	4.23	4.26	0.34	4.36	4.21	4.39	3.95	3.84	4.52	2.70	2.64	2.32	4.52	0.16	3.6%
NC_1536	15	4412	0.46	0.45	0.06	0.45	0.45	0.42	0.47	0.45	0.47	0.21	0.21	0.18	0.47	0.02	5.3%
NC_1537	30	4509	1.99	1.99	0.20	2.00	1.72	1.96	1.85	1.74	2.07	1.40	1.34	1.19	2.07	0.07	3.3%
NC_1538	15	4410	1.06	1.07	0.10	1.08	1.08	0.96	1.10	0.95	1.04	0.46	0.43	0.38	1.10	0.02	1.7%

ARR2019 Results for 1%AEP Event																	
Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_1	180	4599	209.29	209.47	15.06	215.96	62.77	111.26	111.74	111.78	193.17	199.29	217.99	184.20	217.99	2.03	0.9%
NC_2	25	4464	0.98	0.98	0.07	0.99	0.56	0.91	0.96	0.94	0.84	0.79	0.51	0.55	0.96	-0.03	-3.4%
NC_3	20	4429	0.51	0.49	0.08	0.49	0.44	0.49	0.49	0.49	0.35	0.32	0.19	0.21	0.49	0.00	0.6%
NC_4	45	4528	1.28	1.27	0.12	1.30	0.57	1.07	1.11	1.10	1.15	1.10	0.71	0.77	1.15	-0.15	-11.5%
NC_5	20	4404	7.23	7.10	0.70	7.11	6.65	6.15	7.22	6.86	4.89	4.75	2.73	3.07	7.22	0.11	1.5%
NC_6	10	4364	1.56	1.57	0.12	1.58	1.58	1.39	1.47	1.45	0.96	0.92	0.52	0.58	1.58	0.00	-0.1%
NC_7	20	4433	1.28	1.19	0.20	1.19	1.28	1.18	1.19	1.19	0.82	0.76	0.43	0.48	1.28	0.09	7.8%
NC_8	20	4433	0.71	0.69	0.08	0.70	0.50	0.68	0.71	0.70	0.54	0.52	0.32	0.35	0.71	0.01	1.1%
NC_9	20	4399	2.20	2.17	0.19	2.17	1.90	2.00	2.19	2.16	1.45	1.42	0.84	0.94	2.19	0.02	1.0%
NC_10	45	4534	6.89	6.84	0.35	6.91	3.54	5.51	5.76	5.74	5.78	6.01	4.00	4.39	6.01	-0.90	-13.0%
NC_11	20	4367	4.25	4.14	0.44	4.19	3.98	3.70	4.20	4.05	2.86	2.76	1.60	1.79	4.20	0.01	0.3%
NC_12	20	4433	0.88	0.84	0.14	0.84	0.83	0.83	0.83	0.84	0.59	0.54	0.31	0.35	0.84	0.00	-0.5%
NC_13	20	4433	0.58	0.56	0.08	0.57	0.45	0.55	0.57	0.57	0.41	0.39	0.23	0.26	0.57	0.00	-0.2%
NC_14	20	4429	1.75	1.65	0.24	1.67	1.74	1.56	1.67	1.64	1.10	1.05	0.60	0.67	1.74	0.07	4.1%
NC_15	30	4498	1.78	1.77	0.14	1.78	0.86	1.50	1.59	1.57	1.57	1.50	0.95	1.04	1.59	-0.19	-10.7%
NC_16	20	4371	0.74	0.69	0.12	0.69	0.73	0.69	0.69	0.69	0.48	0.44	0.25	0.27	0.73	0.04	5.5%
NC_17	20	4433	0.56	0.55	0.08	0.56	0.43	0.54	0.56	0.56	0.41	0.39	0.23	0.26	0.56	0.00	-0.2%
NC_18	20	4433	1.90	1.82	0.21	1.83	1.72	1.75	1.86	1.83	1.32	1.26	0.75	0.84	1.86	0.03	1.7%
NC_19	25	4464	0.93	0.92	0.07	0.93	0.55	0.87	0.91	0.90	0.78	0.74	0.47	0.51	0.91	-0.02	-2.4%
NC_20	20	4433	0.55	0.54	0.07	0.54	0.39	0.52	0.55	0.54	0.40	0.39	0.23	0.26	0.55	0.01	1.9%
NC_21	45	4534	8.41	8.39	0.42	8.48	4.28	6.72	6.94	6.93	7.17	7.33	4.95	5.41	7.33	-1.16	-13.6%
NC_22	20	4429	0.69	0.66	0.10	0.66	0.60	0.66	0.66	0.67	0.48	0.44	0.26	0.29	0.67	0.01	0.8%
NC_23	45	4528	3.08	3.06	0.27	3.16	1.43	2.53	2.67	2.64	2.72	2.66	1.70	1.86	2.72	-0.44	-14.0%
NC_24	20	4399	1.52	1.51	0.11	1.51	1.05	1.42	1.53	1.51	1.20	1.15	0.70	0.77	1.53	0.02	1.5%
NC_25	20	4433	1.02	0.95	0.17	0.95	1.02	0.95	0.95	0.95	0.65	0.61	0.34	0.38	1.02	0.07	6.9%
NC_26	20	4433	0.62	0.59	0.09	0.60	0.51	0.59	0.60	0.60	0.43	0.40	0.24	0.27	0.60	0.00	-0.2%
NC_27	10	4357	0.92	0.92	0.09	0.93	0.93	0.81	0.80	0.80	0.55	0.51	0.28	0.30	0.93	0.00	0.1%
NC_28	20	4433	1.19	1.15	0.14	1.16	1.02	1.13	1.17	1.16	0.86	0.82	0.49	0.55	1.17	0.01	0.6%
NC_29	20	4433	1.18	1.10	0.19	1.10	1.19	1.10	1.10	1.10	0.76	0.71	0.40	0.44	1.19	0.09	7.7%
NC_30	45	4534	11.34	11.45	0.58	11.63	4.57	8.13	8.32	8.30	10.82	10.80	7.71	8.27	10.82	-0.82	-7.0%
NC_31	20	4433	0.56	0.55	0.08	0.55	0.43	0.54	0.56	0.55	0.40	0.39	0.23	0.26	0.56	0.01	1.5%
NC_32	25	4462	1.96	1.97	0.19	1.99	1.27	1.84	1.98	1.94	1.60	1.53	0.94	1.04	1.98	-0.01	-0.7%
NC_33	20	4433	0.59	0.57	0.08	0.58	0.45	0.56	0.58	0.58	0.43	0.41	0.24	0.27	0.58	0.00	0.5%
NC_34	45	4528	15.86	16.02	1.04	16.33	6.64	11.86	12.18	12.15	14.98	14.84	10.37	11.16	14.98	-1.35	-8.3%
NC_35	20	4433	0.91	0.88	0.12	0.89	0.75	0.88	0.89	0.89	0.66	0.62	0.37	0.41	0.89	0.00	0.2%
NC_36	25	4461	3.54	3.59	0.33	3.64	2.39	3.17	3.55	3.44	2.89	2.76	1.68	1.86	3.55	-0.09	-2.6%
NC_37	20	4371	0.75	0.70	0.12	0.71	0.73	0.71	0.70	0.70	0.49	0.45	0.26	0.28	0.73	0.02	3.2%
NC_38	10	4364	0.93	0.93	0.10	0.94	0.94	0.83	0.82	0.82	0.56	0.52	0.29	0.31	0.94	0.00	0.2%
NC_39	20	4433	0.71	0.68	0.10	0.69	0.59	0.68	0.69	0.69	0.50	0.47	0.28	0.31	0.69	0.00	0.0%
NC_40	45	4528	15.82	15.95	0.89	16.30	6.51	11.66	11.98	11.94	14.84	14.91	10.56	11.31	14.91	-1.39	-8.5%
NC_41	20	4433	1.36	1.30	0.15	1.31	1.23	1.25	1.33	1.31	0.89	0.86	0.50	0.56	1.33	0.01	1.1%
NC_42	20	4399	1.10	1.09	0.10	1.09	0.87	1.02	1.11	1.09	0.81	0.78	0.47	0.52	1.11	0.02	1.9%
NC_43	20	4429	1.50	1.44	0.20	1.45	1.43	1.37	1.45	1.43	0.97	0.92	0.53	0.59	1.45	0.00	0.1%
NC_44	20	4371	0.75	0.70	0.13	0.70	0.75	0.70	0.69	0.70	0.48	0.45	0.25	0.27	0.75	0.05	6.7%
NC_45	20	4433	0.98	0.91	0.16	0.91	0.99	0.91	0.90	0.91	0.63	0.58	0.33	0.36	0.99	0.08	8.5%
NC_46	20	4433	0.64	0.62	0.09	0.63	0.49	0.61	0.63	0.63	0.46	0.44	0.26	0.29	0.63	0.00	-0.2%
NC_47	10	4364	1.97	1.98	0.14	1.99	1.99	1.74	1.85	1.82	1.20	1.15	0.66	0.73	1.99	0.00	0.0%
NC_48	20	4433	2.06	1.97	0.22	1.98	1.91	1.86	2.02	1.98	1.33	1.29	0.75	0.85	2.02	0.04	1.8%
NC_49	720	4785	15.47	13.09	6.69	13.42	7.64	10.22	10.31	10.31	13.83	13.16	12.04	11.29	13.83	0.41	3.0%
NC_50	20	4433	0.65	0.64	0.08	0.64	0.47	0.62	0.65	0.64	0.48	0.47	0.28	0.31	0.65	0.01	1.3%
NC_51	20	4367	2.28	2.19	0.26	2.19	2.14	2.02	2.25	2.18	1.48	1.43	0.83	0.92	2.25	0.06	2.7%
NC_52	20	4433	1.95	1.92	0.18	1.92	1.54	1.84	1.94	1.92	1.51	1.44	0.89	0.98	1.94	0.02	1.3%
NC_53	20	4399	3.06	3.03	0.25	3.04	2.19	2.80	3.09	2.99	2.44	2.32	1.42	1.56	3.09	0.04	1.5%
NC_54	20	4429	1.43	1.35	0.21	1.36	1.39	1.30	1.36	1.34	0.91	0.86	0.49	0.55	1.39	0.03	2.1%
NC_55	20	4371	0.70	0.66	0.11	0.66	0.67	0.66	0.66	0.66	0.46	0.43	0.24	0.27	0.67	0.01	0.8%
NC_56	10	4364	0.78	0.79	0.08	0.79	0.79	0.72	0.71	0.72	0.49	0.46	0.25	0.28	0.79	0.00	0.4%
NC_57	20	4433	1.08	1.02	0.16	1.02	1.01	1.01	1.02	1.02	0.72	0.67	0.38	0.43	1.02	0.00	0.0%
NC_58	720	4785	15.50	13.15	6.68	13.47	7.60	10.19	10.28	10.28	13.68	13.02	12.08	11.33	13.68	0.21	1.5%
NC_59	20	4433	1.10	1.02	0.18	1.03	1.10	1.02	1.02	1.03	0.71	0.66	0.37	0.41	1.10	0.07	6.5%
NC_60	20	4371	0.77	0.71	0.13	0.71	0.77	0.71	0.70	0.71	0.49	0.45	0.25	0.28	0.77	0.06	8.9%
NC_61	20	4429	0.85	0.81	0.12	0.81	0.76	0.81	0.81	0.81	0.58	0.54	0.31	0.35	0.81	0.00	0.4%
NC_62	20	4429	8.86	8.82	0.47	8.88	7.41	8.13	8.88	8.75	6.42	6.22	3.86	4.26	8.88	0.00	0.0%
NC_63	10	4364	0.82	0.82	0.09	0.83	0.83	0.75	0.74	0.75	0.51	0.48	0.26	0.29	0.83	0.00	0.0%
NC_64	20	4428	2.34	2.33	0.14	2.36	1.73	2.12	2.37	2.31	1.76	1.69	1.02	1.13	2.37	0.01	0.2%
NC_65	10	4364	1.17	1.18	0.12	1.19	1.19	1.02	1.02	1.03	0.70	0.65	0.36	0.39	1.19	0.00	-0.3%
NC_66	10	4357	0.86	0.87	0.09	0.88	0.88	0.78	0.77	0.78	0.53	0.49	0.27	0.30	0.88	0.00	-0.3%
NC_67	20	4428	2.80	2.79	0.16	2.82	2.14	2.56	2.82	2.77	2.23	2.12	1.33	1.45	2.82	0.00	0.1%
NC_68	10	4364	0.87	0.88	0.09	0.89	0.89	0.77	0.76	0.76	0.52	0.48	0.27	0.29	0.89	-0.01	-0.6%
NC_69	25	4461	3.00	3.03	0.14	3.03	1.91	2.69	2.88	2.87	2.48	2.38	1.52	1.66	2.88	-0.15	-5.0%
NC_70	20	4371	0.76	0.71	0.13	0.71	0.76	0.71	0.70	0.70	0.49	0.45	0.25	0.28	0.76	0.05	7.0%
NC_71	20	4371	0.74	0.69	0.13	0.69	0.73	0.69	0.68	0.69	0.48	0.44	0.25	0.27	0.73	0.04	5.8%
NC_72	20	4371	0.78	0.72	0.13	0.73	0.78	0.73	0.72	0.72	0.50	0.46	0.26	0.28	0.78	0.05	6.6%
NC_73	20	4433	1.68	1.64	0.17	1.65	1.47	1.56	1.66	1.65	1.15	1.12	0.67	0.75	1.66	0.01	0.8%
NC_74	20	4433	0.61	0.59	0.09	0.59	0.51	0.58	0.59	0.59	0.43	0.40	0.23	0.26	0.59	0.00	0.5%
NC_75	20	4429	10.39	10.35	0.58	10.43	8.58	9.42	10.43	10.25	7.56	7.32	4.53	5.01	10.43	0.00	0.0%
NC_76	20	4367	2.39	2.32	0.26	2.33	2.22	2.07	2.37	2.28	1.56	1.52	0.87	0.98	2.37	0.04	1.6%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_77	20	4399	2.91	2.90	0.20	2.90	2.39	2.68	2.92	2.86	2.36	2.24	1.39	1.58	2.92	0.02	0.6%
NC_78	20	4429	0.83	0.78	0.13	0.78	0.80	0.75	0.78	0.77	0.52	0.49	0.28	0.31	0.80	0.02	3.1%
NC_79	20	4433	0.99	0.92	0.16	0.92	0.99	0.92	0.92	0.92	0.64	0.59	0.33	0.37	0.99	0.07	7.9%
NC_80	20	4433	2.01	1.98	0.18	1.98	1.53	1.87	2.02	1.98	1.56	1.49	0.92	1.01	2.02	0.04	1.9%
NC_81	20	4399	1.42	1.39	0.14	1.39	1.22	1.30	1.41	1.39	0.94	0.93	0.54	0.61	1.41	0.02	1.7%
NC_82	25	4461	3.96	4.01	0.31	4.04	2.87	3.56	3.97	3.89	3.04	2.93	1.78	1.97	3.97	-0.07	-1.8%
NC_83	10	4364	1.03	1.03	0.10	1.04	1.04	0.88	0.87	0.88	0.60	0.55	0.30	0.33	1.04	0.00	-0.3%
NC_84	20	4433	0.97	0.91	0.16	0.91	0.95	0.91	0.91	0.91	0.63	0.59	0.33	0.37	0.95	0.04	4.0%
NC_85	20	4429	0.68	0.64	0.10	0.65	0.61	0.64	0.65	0.65	0.46	0.42	0.24	0.27	0.65	0.00	-0.5%
NC_86	15	4401	4.12	3.96	0.39	4.01	3.98	3.43	4.04	3.87	2.56	2.50	1.43	1.60	4.04	0.03	0.7%
NC_87	10	4364	1.28	1.29	0.13	1.30	1.30	1.13	1.13	1.13	0.76	0.71	0.40	0.43	1.30	0.00	0.1%
NC_88	20	4399	3.32	3.17	0.39	3.17	2.85	2.95	3.29	3.16	2.28	2.18	1.25	1.42	3.29	0.12	3.7%
NC_89	20	4433	0.54	0.52	0.07	0.53	0.39	0.51	0.54	0.53	0.39	0.38	0.22	0.25	0.54	0.01	0.9%
NC_90	20	4428	5.68	5.63	0.45	5.63	4.88	5.00	5.68	5.47	4.24	4.05	2.44	2.76	5.68	0.05	0.9%
NC_91	20	4371	0.75	0.70	0.13	0.70	0.74	0.70	0.69	0.69	0.48	0.45	0.25	0.28	0.74	0.04	5.1%
NC_92	20	4433	0.71	0.67	0.11	0.67	0.65	0.67	0.67	0.67	0.47	0.43	0.25	0.28	0.67	0.00	-0.3%
NC_93	20	4433	1.25	1.22	0.14	1.23	1.00	1.20	1.24	1.23	0.94	0.90	0.56	0.61	1.24	0.01	0.8%
NC_94	20	4429	1.70	1.61	0.24	1.62	1.68	1.53	1.62	1.60	1.07	1.02	0.58	0.65	1.68	0.05	3.4%
NC_95	20	4429	1.48	1.40	0.21	1.41	1.46	1.33	1.41	1.39	0.93	0.89	0.51	0.56	1.46	0.05	3.3%
NC_96	20	4399	2.22	2.17	0.21	2.18	1.90	2.02	2.21	2.17	1.48	1.45	0.85	0.95	2.21	0.03	1.6%
NC_97	20	4371	0.76	0.71	0.13	0.71	0.74	0.71	0.71	0.71	0.49	0.46	0.26	0.28	0.74	0.03	4.5%
NC_98	20	4399	2.33	2.27	0.22	2.27	2.09	2.12	2.31	2.27	1.58	1.54	0.91	1.02	2.31	0.04	1.8%
NC_99	20	4404	4.99	4.90	0.49	4.94	4.77	4.26	4.95	4.76	3.20	3.13	1.79	2.01	4.95	0.01	0.3%
NC_100	20	4433	0.87	0.82	0.14	0.82	0.83	0.82	0.82	0.82	0.57	0.53	0.30	0.34	0.83	0.01	0.6%
NC_101	20	4429	2.12	2.02	0.29	2.04	2.04	1.91	2.04	2.00	1.36	1.30	0.74	0.83	2.04	0.00	0.2%
NC_102	720	4443	15.86	13.53	6.75	13.82	7.57	10.19	10.28	10.28	13.58	12.94	12.45	11.57	13.58	-0.24	-1.7%
NC_103	20	4371	0.80	0.74	0.14	0.74	0.81	0.74	0.74	0.74	0.51	0.47	0.26	0.29	0.81	0.07	9.2%
NC_104	20	4433	0.59	0.57	0.08	0.58	0.48	0.57	0.58	0.58	0.42	0.40	0.23	0.26	0.58	0.00	0.2%
NC_105	20	4399	6.65	6.36	0.75	6.40	5.88	5.81	6.61	6.31	4.50	4.35	2.48	2.81	6.61	0.21	3.2%
NC_106	20	4371	0.77	0.71	0.13	0.71	0.78	0.71	0.71	0.71	0.49	0.45	0.25	0.28	0.78	0.07	10.1%
NC_107	20	4433	1.14	1.11	0.13	1.12	0.94	1.07	1.13	1.12	0.80	0.78	0.47	0.52	1.13	0.01	0.7%
NC_108	20	4433	0.93	0.87	0.15	0.87	0.89	0.87	0.87	0.87	0.61	0.56	0.32	0.36	0.89	0.02	2.4%
NC_109	20	4367	9.53	9.58	0.84	9.59	8.59	7.85	9.56	9.10	6.26	6.14	3.48	3.94	9.56	-0.03	-0.3%
NC_110	10	4357	0.83	0.84	0.09	0.84	0.84	0.76	0.75	0.76	0.52	0.48	0.27	0.29	0.84	0.00	0.5%
NC_111	10	4364	0.85	0.85	0.09	0.86	0.86	0.75	0.73	0.74	0.50	0.47	0.26	0.28	0.86	0.00	-0.2%
NC_112	25	4464	0.98	0.97	0.08	0.98	0.57	0.91	0.95	0.94	0.84	0.79	0.50	0.55	0.95	-0.03	-2.8%
NC_113	10	4364	1.08	1.09	0.11	1.10	1.10	0.99	0.99	0.99	0.68	0.63	0.35	0.39	1.10	0.00	-0.1%
NC_114	20	4371	0.87	0.81	0.14	0.81	0.86	0.81	0.80	0.81	0.56	0.52	0.29	0.32	0.86	0.05	5.9%
NC_115	20	4433	0.57	0.55	0.08	0.56	0.44	0.54	0.56	0.56	0.41	0.39	0.23	0.26	0.56	0.00	0.2%
NC_116	20	4429	2.86	2.78	0.32	2.82	2.71	2.47	2.82	2.71	1.85	1.79	1.03	1.15	2.82	0.00	0.1%
NC_117	20	4429	1.55	1.47	0.22	1.48	1.55	1.39	1.48	1.45	0.97	0.92	0.53	0.59	1.55	0.07	4.6%
NC_118	20	4433	0.64	0.62	0.09	0.63	0.51	0.61	0.63	0.63	0.46	0.43	0.26	0.29	0.63	0.00	-0.2%
NC_119	20	4399	7.21	7.08	0.72	7.09	6.22	6.11	7.23	6.81	4.99	4.85	2.76	3.12	7.23	0.14	1.9%
NC_120	20	4429	1.45	1.38	0.20	1.38	1.32	1.36	1.38	1.38	1.00	0.92	0.55	0.61	1.38	0.00	0.2%
NC_121	45	4528	1.26	1.25	0.12	1.28	0.57	1.05	1.09	1.09	1.13	1.08	0.70	0.76	1.13	-0.15	-11.7%
NC_122	20	4371	0.77	0.71	0.13	0.71	0.77	0.71	0.70	0.71	0.49	0.45	0.25	0.28	0.77	0.06	7.7%
NC_123	20	4428	1.65	1.65	0.10	1.66	1.13	1.50	1.67	1.63	1.30	1.24	0.75	0.83	1.67	0.01	0.8%
NC_124	20	4429	24.27	24.29	1.52	24.40	19.65	21.03	24.40	23.69	17.13	16.92	10.15	11.36	24.40	0.00	0.0%
NC_125	10	4357	0.90	0.90	0.09	0.91	0.91	0.78	0.76	0.77	0.52	0.49	0.27	0.29	0.91	0.00	0.0%
NC_126	20	4433	1.39	1.34	0.15	1.34	1.31	1.27	1.36	1.34	0.88	0.85	0.49	0.55	1.36	0.01	1.1%
NC_127	20	4433	0.88	0.82	0.14	0.82	0.86	0.82	0.82	0.82	0.57	0.53	0.30	0.33	0.86	0.04	4.9%
NC_128	20	4429	1.56	1.46	0.23	1.47	1.56	1.40	1.47	1.45	0.97	0.92	0.53	0.58	1.56	0.09	6.3%
NC_129	25	4460	3.83	3.84	0.28	3.86	2.34	3.47	3.71	3.65	3.28	3.10	1.96	2.14	3.71	-0.15	-3.8%
NC_130	20	4371	0.82	0.77	0.14	0.77	0.82	0.77	0.76	0.76	0.53	0.49	0.27	0.30	0.82	0.05	6.9%
NC_131	45	4528	1.70	1.68	0.16	1.72	0.80	1.44	1.52	1.50	1.52	1.44	0.93	1.01	1.52	-0.20	-11.8%
NC_132	20	4371	0.72	0.68	0.12	0.68	0.70	0.68	0.67	0.68	0.47	0.44	0.24	0.27	0.70	0.02	3.5%
NC_133	20	4429	2.32	2.25	0.27	2.28	2.21	2.04	2.28	2.21	1.49	1.44	0.83	0.93	2.28	0.00	0.1%
NC_134	20	4371	0.85	0.78	0.14	0.78	0.86	0.78	0.78	0.78	0.54	0.50	0.28	0.31	0.86	0.08	10.0%
NC_135	45	4528	1.25	1.24	0.12	1.28	0.58	1.04	1.09	1.08	1.12	1.07	0.69	0.75	1.12	-0.16	-12.6%
NC_136	10	4357	0.81	0.81	0.09	0.82	0.82	0.73	0.72	0.72	0.50	0.46	0.25	0.28	0.82	0.00	0.1%
NC_137	20	4433	0.56	0.55	0.08	0.55	0.44	0.54	0.56	0.55	0.40	0.38	0.23	0.25	0.56	0.01	1.1%
NC_138	20	4429	9.86	9.83	0.74	9.92	8.08	8.41	9.92	9.52	7.31	7.05	4.20	4.76	9.92	0.00	0.0%
NC_139	25	4464	0.98	0.98	0.08	0.98	0.56	0.90	0.96	0.94	0.83	0.78	0.49	0.54	0.96	-0.02	-2.1%
NC_140	20	4429	1.59	1.50	0.23	1.51	1.58	1.44	1.51	1.49	1.00	0.94	0.54	0.60	1.58	0.07	4.8%
NC_141	10	4364	0.84	0.84	0.09	0.85	0.85	0.74	0.73	0.74	0.50	0.47	0.26	0.28	0.85	0.00	-0.1%
NC_142	10	4364	1.70	1.71	0.14	1.72	1.72	1.42	1.50	1.47	0.97	0.92	0.52	0.57	1.72	0.00	0.1%
NC_143	20	4433	0.58	0.56	0.08	0.57	0.46	0.56	0.57	0.57	0.41	0.39	0.23	0.26	0.57	0.00	0.4%
NC_144	20	4371	0.76	0.71	0.13	0.71	0.75	0.71	0.70	0.70	0.49	0.45	0.25	0.28	0.75	0.04	5.5%
NC_145	20	4429	0.80	0.76	0.12	0.76	0.72	0.76	0.76	0.76	0.54	0.50	0.29	0.33	0.76	0.00	0.3%
NC_146	20	4428	7.51	7.45	0.56	7.46	6.33	6.72	7.50	7.29	5.66	5.36	3.33	3.68	7.50	0.04	0.5%
NC_147	10	4364	1.82	1.83	0.13	1.84	1.84	1.60	1.70	1.68	1.11	1.05	0.60	0.67	1.84	0.00	-0.1%
NC_148	20	4429	3.92	3.93	0.27	3.97	3.20	3.37	3.97	3.84	2.64	2.60	1.49	1.68	3.97	0.00	0.0%
NC_149	10	4357	0.90	0.91	0.09	0.92	0.92	0.82	0.81	0.82	0.56	0.52	0.29	0.32	0.92	0.00	-0.4%
NC_150	10	4364	0.79	0.80	0.08	0.80	0.80	0.72	0.71	0.72	0.49	0.46	0.25	0.28	0.80	0.00	0.3%
NC_151	20	4429	1.64	1.56	0.22	1.59	1.61	1.44	1.59	1.54	1.03	0.99	0.57	0.63	1.61	0.02	1.0%
NC_152	60	4558	21.53	21.39	1.28	21.40	5.14	12.63	12.73	12.73	20.82	21.26	16.63	17.05	21.26	-0.14	-0.6%

ARR2019 Results for 1%AEP Event																	
Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_153	20	4433	0.60	0.59	0.07	0.59	0.43	0.57	0.60	0.59	0.44	0.43	0.26	0.29	0.60	0.01	1.4%
NC_154	25	4466	8.92	8.92	0.43	8.95	5.69	7.88	8.55	8.47	6.73	6.77	4.15	4.61	8.55	-0.40	-4.5%
NC_155	20	4429	2.71	2.58	0.35	2.62	2.72	2.35	2.62	2.53	1.71	1.64	0.93	1.04	2.72	0.10	3.8%
NC_156	25	4460	5.04	5.11	0.36	5.15	2.98	4.47	4.87	4.75	4.35	4.12	2.61	2.85	4.87	-0.29	-5.5%
NC_157	15	4401	3.51	3.39	0.33	3.43	3.40	2.92	3.47	3.30	2.22	2.17	1.24	1.38	3.47	0.04	1.0%
NC_158	60	4558	21.33	21.21	1.20	21.22	5.02	12.36	12.46	12.46	20.72	21.16	16.78	17.07	21.16	-0.06	-0.3%
NC_159	10	4364	0.87	0.88	0.09	0.88	0.88	0.78	0.77	0.77	0.53	0.49	0.27	0.30	0.88	0.00	0.5%
NC_160	20	4433	0.99	0.92	0.16	0.92	1.00	0.92	0.91	0.92	0.63	0.59	0.33	0.36	1.00	0.08	8.7%
NC_161	10	4364	0.80	0.80	0.08	0.81	0.81	0.73	0.72	0.73	0.50	0.46	0.26	0.28	0.81	0.00	0.1%
NC_162	20	4371	0.74	0.69	0.13	0.69	0.73	0.69	0.69	0.69	0.48	0.44	0.25	0.27	0.73	0.04	6.1%
NC_163	10	4364	0.82	0.83	0.09	0.83	0.83	0.76	0.75	0.75	0.52	0.48	0.27	0.29	0.83	0.00	0.5%
NC_164	20	4429	1.84	1.75	0.25	1.76	1.83	1.65	1.76	1.73	1.16	1.10	0.63	0.70	1.83	0.06	3.7%
NC_165	10	4364	0.82	0.82	0.09	0.83	0.83	0.73	0.72	0.73	0.50	0.46	0.26	0.28	0.83	0.00	-0.2%
NC_166	10	4364	0.94	0.94	0.09	0.95	0.95	0.83	0.85	0.84	0.57	0.53	0.30	0.33	0.95	0.00	-0.1%
NC_167	20	4399	8.88	8.81	0.64	8.89	7.47	7.82	8.89	8.59	6.68	6.33	3.90	4.32	8.89	0.00	0.0%
NC_168	20	4429	14.59	14.61	1.03	14.73	11.69	12.46	14.73	14.24	10.59	10.30	6.12	6.92	14.73	0.00	0.0%
NC_169	10	4364	1.37	1.38	0.13	1.39	1.39	1.25	1.26	1.26	0.86	0.80	0.45	0.50	1.39	0.00	0.1%
NC_170	20	4433	0.92	0.86	0.15	0.86	0.89	0.86	0.85	0.86	0.60	0.55	0.31	0.35	0.89	0.03	3.7%
NC_171	25	4461	7.58	7.70	0.48	7.75	4.40	6.70	7.23	7.10	6.67	6.33	4.04	4.41	7.23	-0.52	-6.7%
NC_172	20	4399	11.42	11.37	0.98	11.49	9.53	9.50	11.52	10.95	8.02	7.86	4.49	5.06	11.52	0.03	0.3%
NC_173	20	4429	1.49	1.42	0.21	1.43	1.44	1.35	1.43	1.40	0.95	0.90	0.52	0.58	1.44	0.01	1.0%
NC_174	20	4404	2.97	2.92	0.28	2.93	2.64	2.52	2.99	2.86	1.95	1.92	1.09	1.23	2.99	0.06	1.9%
NC_175	20	4429	2.58	2.49	0.30	2.52	2.51	2.25	2.52	2.45	1.63	1.58	0.91	1.01	2.52	0.00	0.2%
NC_176	60	4558	4.97	4.98	0.97	4.99	1.72	2.83	2.87	2.86	5.47	5.42	3.42	3.31	5.47	0.48	9.6%
NC_177	10	4364	0.91	0.92	0.09	0.93	0.93	0.81	0.80	0.80	0.55	0.51	0.28	0.31	0.93	0.00	-0.3%
NC_178	10	4364	1.56	1.57	0.12	1.58	1.58	1.36	1.44	1.42	0.94	0.89	0.51	0.56	1.58	0.00	-0.3%
NC_179	30	4500	2.23	2.23	0.16	2.24	1.30	1.99	2.08	2.06	2.00	1.87	1.22	1.32	2.08	-0.16	-7.3%
NC_180	10	4357	0.90	0.91	0.09	0.92	0.92	0.83	0.82	0.83	0.57	0.53	0.29	0.32	0.92	0.00	-0.1%
NC_181	60	4558	4.70	4.65	0.70	4.66	1.64	2.76	2.79	2.79	4.97	5.08	3.78	3.56	5.08	0.42	9.1%
NC_182	20	4433	1.06	0.99	0.17	0.99	1.04	0.99	0.99	0.99	0.69	0.64	0.36	0.40	1.04	0.05	5.1%
NC_183	10	4357	0.81	0.82	0.09	0.83	0.83	0.73	0.72	0.73	0.50	0.46	0.26	0.28	0.83	0.00	-0.4%
NC_184	20	4371	0.85	0.78	0.14	0.78	0.86	0.78	0.78	0.78	0.54	0.50	0.28	0.31	0.86	0.08	10.3%
NC_185	20	4429	1.52	1.43	0.22	1.45	1.50	1.37	1.45	1.42	0.96	0.91	0.52	0.58	1.50	0.05	3.1%
NC_186	20	4433	0.63	0.62	0.07	0.62	0.44	0.60	0.63	0.62	0.47	0.46	0.28	0.31	0.63	0.01	1.9%
NC_187	10	4364	0.82	0.83	0.09	0.84	0.84	0.74	0.73	0.74	0.51	0.47	0.26	0.28	0.84	0.00	-0.4%
NC_188	10	4364	1.90	1.91	0.14	1.92	1.92	1.65	1.75	1.72	1.13	1.08	0.62	0.68	1.92	0.00	-0.1%
NC_189	20	4433	0.60	0.57	0.08	0.58	0.48	0.57	0.58	0.58	0.42	0.39	0.23	0.26	0.58	0.00	0.3%
NC_190	30	4502	8.53	8.53	0.22	8.60	4.93	7.64	7.63	7.64	7.03	7.06	4.65	5.16	7.64	-0.96	-11.1%
NC_191	10	4364	0.95	0.96	0.10	0.97	0.97	0.87	0.86	0.87	0.59	0.55	0.31	0.34	0.97	0.00	-0.2%
NC_192	20	4429	15.83	15.86	1.08	15.99	12.55	13.57	15.99	15.51	11.45	11.18	6.64	7.52	15.99	0.00	0.0%
NC_193	720	4785	17.70	15.19	5.91	15.76	6.93	10.17	10.21	10.21	16.16	16.55	16.85	14.88	16.85	1.09	6.9%
NC_194	45	4528	1.67	1.65	0.16	1.69	0.85	1.43	1.49	1.48	1.49	1.42	0.91	0.99	1.49	-0.20	-11.8%
NC_195	20	4433	1.01	0.95	0.16	0.95	0.97	0.94	0.95	0.95	0.66	0.61	0.35	0.39	0.97	0.02	2.2%
NC_196	25	4460	1.03	1.04	0.09	1.05	0.66	0.96	1.04	1.02	0.83	0.79	0.49	0.54	1.04	-0.01	-1.0%
NC_197	20	4429	0.70	0.67	0.10	0.67	0.61	0.66	0.67	0.67	0.48	0.44	0.26	0.29	0.67	0.00	-0.3%
NC_198	10	4364	0.82	0.82	0.09	0.83	0.83	0.74	0.73	0.74	0.51	0.47	0.26	0.29	0.83	0.00	-0.1%
NC_199	15	4401	2.02	1.92	0.25	1.92	2.04	1.75	1.93	1.87	1.24	1.19	0.68	0.75	2.04	0.12	6.0%
NC_200	20	4429	3.38	3.24	0.40	3.29	3.33	2.94	3.29	3.19	2.11	2.04	1.18	1.31	3.33	0.04	1.3%
NC_201	20	4433	0.83	0.81	0.09	0.82	0.57	0.79	0.83	0.82	0.65	0.63	0.39	0.43	0.83	0.01	1.1%
NC_202	20	4367	2.12	2.04	0.25	2.07	2.02	1.86	2.08	2.01	1.36	1.32	0.76	0.84	2.08	0.01	0.4%
NC_203	20	4433	1.52	1.49	0.15	1.49	1.34	1.39	1.51	1.49	1.01	0.99	0.58	0.65	1.51	0.02	1.3%
NC_204	20	4433	0.62	0.60	0.08	0.61	0.46	0.59	0.62	0.61	0.45	0.44	0.26	0.29	0.62	0.01	0.8%
NC_205	20	4399	9.26	9.22	0.65	9.30	7.66	8.06	9.31	8.94	7.00	6.67	4.12	4.56	9.31	0.01	0.1%
NC_206	20	4399	1.13	1.12	0.09	1.12	0.69	1.05	1.15	1.12	0.91	0.87	0.53	0.58	1.15	0.03	2.4%
NC_207	20	4404	3.94	3.86	0.41	3.88	3.74	3.32	3.91	3.75	2.51	2.46	1.40	1.57	3.91	0.03	0.8%
NC_208	10	4357	0.78	0.79	0.08	0.80	0.80	0.72	0.71	0.72	0.49	0.46	0.25	0.28	0.80	0.00	-0.4%
NC_209	20	4433	0.54	0.53	0.07	0.53	0.39	0.51	0.54	0.53	0.39	0.38	0.23	0.25	0.54	0.01	1.3%
NC_210	20	4429	16.82	16.86	1.10	16.93	13.10	14.47	16.93	16.46	12.16	11.95	7.11	8.08	16.93	0.00	0.0%
NC_211	20	4371	0.93	0.86	0.15	0.86	0.93	0.86	0.85	0.86	0.59	0.55	0.31	0.34	0.93	0.07	8.5%
NC_212	20	4433	0.54	0.52	0.07	0.53	0.39	0.51	0.53	0.53	0.39	0.38	0.22	0.25	0.53	0.00	0.6%
NC_213	30	4498	12.24	12.17	0.89	12.38	7.11	10.64	11.23	11.18	9.53	9.68	6.00	6.66	11.23	-1.15	-9.3%
NC_214	45	4528	1.11	1.10	0.10	1.14	0.61	0.93	0.99	0.98	1.00	0.97	0.63	0.69	1.00	-0.14	-12.3%
NC_215	45	4533	8.39	8.43	0.22	8.49	3.85	5.41	5.67	5.66	6.82	6.65	4.95	4.69	6.82	-1.67	-19.6%
NC_216	20	4433	0.57	0.55	0.08	0.56	0.45	0.55	0.56	0.56	0.41	0.38	0.23	0.25	0.56	0.00	0.0%
NC_217	25	4464	0.90	0.89	0.07	0.90	0.51	0.83	0.87	0.86	0.76	0.72	0.45	0.49	0.87	-0.03	-2.9%
NC_218	60	4558	9.85	9.72	0.61	9.75	3.83	6.77	6.94	6.94	8.79	8.73	6.56	6.96	8.79	-0.96	-9.8%
NC_219	25	4464	1.37	1.37	0.12	1.37	0.83	1.27	1.36	1.34	1.14	1.08	0.67	0.74	1.36	-0.01	-1.0%
NC_220	20	4399	3.01	2.92	0.29	2.94	2.78	2.60	3.01	2.89	1.95	1.92	1.10	1.23	3.01	0.06	2.2%
NC_221	20	4371	0.79	0.74	0.13	0.74	0.79	0.74	0.73	0.74	0.51	0.47	0.26	0.29	0.79	0.05	6.8%
NC_222	20	4371	0.77	0.72	0.13	0.72	0.75	0.72	0.71	0.72	0.50	0.46	0.26	0.29	0.75	0.03	4.2%
NC_223	10	4357	0.99	1.00	0.10	1.00	1.00	0.90	0.90	0.90	0.62	0.58	0.32	0.35	1.00	0.00	0.4%
NC_224	20	4371	0.81	0.76	0.14	0.76	0.82	0.76	0.75	0.75	0.52	0.48	0.27	0.30	0.82	0.05	7.2%
NC_225	30	4498	8.75	8.63	0.62	8.82	5.27	7.47	8.06	8.00	6.43	6.95	4.28	4.80	8.06	-0.77	-8.7%
NC_226	20	4399	4.54	4.51	0.42	4.51	4.15	3.76	4.56	4.34	2.96	2.91	1.64	1.85	4.56	0.05	1.0%
NC_227	60	4558	4.76	4.67	0.64	4.67	2.25	2.77	2.80	2.79	4.97	5.11	3.95	3.77	5.11	0.44	9.4%
NC_228	20	4433	0.75	0.71	0.12	0.71	0.70	0.71	0.71	0.71	0.50	0.46	0.26	0.29	0.71	0.00	-0.1%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_229	720	4785	16.33	15.36	3.33	15.89	6.74	9.94	9.96	9.97	15.06	15.59	16.34	14.42	16.34	0.45	2.9%
NC_230	20	4433	0.61	0.59	0.09	0.60	0.48	0.59	0.60	0.60	0.44	0.41	0.25	0.27	0.60	0.00	0.0%
NC_231	20	4433	1.53	1.48	0.16	1.49	1.32	1.44	1.50	1.49	1.08	1.04	0.63	0.70	1.50	0.01	0.5%
NC_232	20	4429	17.10	17.15	1.09	17.22	13.22	14.69	17.22	16.76	12.42	12.27	7.31	8.30	17.22	0.00	0.0%
NC_233	20	4433	0.57	0.55	0.08	0.56	0.44	0.55	0.57	0.56	0.41	0.39	0.23	0.26	0.57	0.00	0.9%
NC_234	30	4498	13.08	13.03	0.87	13.25	7.38	11.35	11.86	11.84	10.26	10.46	6.51	7.22	11.86	-1.39	-10.5%
NC_235	10	4357	0.84	0.85	0.09	0.86	0.86	0.78	0.77	0.77	0.53	0.49	0.27	0.30	0.86	0.00	-0.1%
NC_236	25	4460	1.76	1.78	0.15	1.80	0.98	1.56	1.72	1.67	1.46	1.39	0.86	0.94	1.72	-0.08	-4.6%
NC_237	60	4558	10.12	10.00	0.56	10.01	3.91	6.83	7.00	7.00	9.05	8.92	6.85	7.21	9.05	-0.96	-9.6%
NC_238	30	4498	41.78	41.31	2.76	42.15	25.19	36.05	38.39	38.14	31.47	33.65	21.32	23.74	38.39	-3.76	-8.9%
NC_239	25	4461	12.47	12.68	0.78	12.70	4.27	10.82	11.50	11.36	10.30	10.09	6.13	6.82	11.50	-1.20	-9.4%
NC_240	45	4496	13.89	13.80	0.59	13.91	6.81	11.05	11.40	11.37	11.20	11.76	7.68	8.51	11.76	-2.15	-15.5%
NC_241	20	4429	0.86	0.83	0.12	0.83	0.75	0.82	0.83	0.83	0.60	0.55	0.33	0.37	0.83	0.00	0.1%
NC_242	20	4433	0.65	0.63	0.09	0.63	0.50	0.62	0.64	0.63	0.47	0.44	0.26	0.30	0.64	0.01	1.1%
NC_243	25	4460	3.43	3.44	0.25	3.49	2.70	3.23	3.41	3.35	2.95	2.75	1.80	1.97	3.41	-0.09	-2.4%
NC_244	30	4498	42.33	41.79	3.13	42.72	26.36	36.71	39.51	39.22	31.53	33.53	20.90	23.34	39.51	-3.21	-7.5%
NC_245	30	4498	2.97	2.93	0.29	2.96	1.47	2.52	2.73	2.68	2.59	2.49	1.57	1.72	2.73	-0.24	-7.9%
NC_246	10	4364	0.89	0.90	0.09	0.90	0.90	0.80	0.79	0.79	0.54	0.50	0.28	0.30	0.90	0.00	0.2%
NC_247	20	4371	0.81	0.75	0.14	0.75	0.80	0.75	0.75	0.75	0.52	0.48	0.27	0.30	0.80	0.05	6.9%
NC_248	45	4528	1.38	1.39	0.10	1.42	0.65	1.07	1.11	1.11	1.24	1.25	0.82	0.90	1.25	-0.17	-11.8%
NC_249	25	4394	2.06	2.07	0.13	2.07	1.32	1.87	1.99	1.97	1.73	1.64	1.03	1.13	1.99	-0.08	-3.7%
NC_250	20	4433	0.54	0.52	0.07	0.53	0.39	0.51	0.54	0.53	0.39	0.38	0.23	0.25	0.54	0.01	0.9%
NC_251	20	4433	0.54	0.52	0.06	0.53	0.38	0.51	0.53	0.53	0.39	0.38	0.23	0.25	0.53	0.00	0.8%
NC_252	60	4558	10.25	10.14	0.52	10.15	3.95	6.85	7.01	7.01	9.18	9.01	7.02	7.33	9.18	-0.97	-9.5%
NC_253	30	4502	2.38	2.38	0.14	2.38	1.58	2.16	2.21	2.22	2.10	2.01	1.30	1.41	2.22	-0.16	-6.8%
NC_254	20	4433	0.53	0.52	0.06	0.53	0.38	0.51	0.53	0.53	0.39	0.38	0.22	0.25	0.53	0.00	0.4%
NC_255	20	4433	0.91	0.89	0.08	0.90	0.60	0.87	0.91	0.90	0.74	0.70	0.44	0.48	0.91	0.01	1.0%
NC_256	20	4433	0.57	0.56	0.08	0.56	0.43	0.55	0.57	0.56	0.41	0.40	0.24	0.26	0.57	0.01	1.6%
NC_257	20	4399	1.09	1.07	0.09	1.08	0.71	1.01	1.10	1.07	0.85	0.81	0.49	0.54	1.10	0.02	1.7%
NC_258	60	4556	8.74	8.66	0.31	8.69	3.81	5.26	5.44	5.44	7.14	6.55	5.90	5.84	7.14	-1.55	-17.8%
NC_259	20	4433	0.64	0.62	0.09	0.63	0.50	0.62	0.63	0.63	0.46	0.44	0.26	0.29	0.63	0.00	0.5%
NC_260	25	4394	31.03	31.53	2.01	31.78	16.22	26.57	29.04	28.56	24.68	24.54	14.75	16.62	29.04	-2.74	-8.6%
NC_261	10	4357	0.86	0.86	0.09	0.87	0.87	0.75	0.74	0.74	0.51	0.47	0.26	0.28	0.87	0.00	-0.2%
NC_262	20	4399	7.06	7.05	0.67	7.06	6.28	5.81	7.08	6.67	4.75	4.64	2.62	2.98	7.08	0.02	0.3%
NC_263	180	4599	208.69	209.14	15.48	215.86	62.82	111.33	111.82	111.86	193.21	199.32	217.69	184.09	217.69	1.83	0.8%
NC_264	20	4433	0.55	0.53	0.07	0.54	0.40	0.52	0.54	0.54	0.40	0.38	0.23	0.26	0.54	0.00	0.7%
NC_265	20	4433	1.16	1.08	0.19	1.08	1.18	1.07	1.08	1.08	0.74	0.69	0.39	0.43	1.18	0.10	8.9%
NC_266	20	4399	2.00	1.97	0.18	1.97	1.71	1.82	2.00	1.96	1.34	1.32	0.77	0.86	2.00	0.03	1.5%
NC_267	25	4464	1.04	1.04	0.07	1.05	0.58	0.95	1.01	0.99	0.92	0.86	0.55	0.60	1.01	-0.05	-4.3%
NC_268	90	4395	30.41	30.65	2.44	30.79	7.72	15.61	15.68	15.69	30.79	31.28	27.49	26.53	31.28	0.49	1.6%
NC_269	25	4464	0.89	0.89	0.07	0.90	0.49	0.82	0.87	0.86	0.76	0.72	0.45	0.49	0.87	-0.03	-3.4%
NC_270	30	4498	2.55	2.52	0.23	2.57	1.50	2.21	2.39	2.36	1.99	2.01	1.24	1.37	2.39	-0.18	-7.1%
NC_271	60	4559	8.61	8.59	0.29	8.62	3.74	5.16	5.31	5.31	7.72	6.64	6.34	6.30	7.72	-0.90	-10.4%
NC_272	720	4785	16.61	15.81	3.23	16.36	6.72	9.92	9.94	9.95	15.06	15.60	16.69	14.63	16.69	0.33	2.0%
NC_273	25	4464	1.01	1.01	0.07	1.01	0.53	0.91	0.97	0.95	0.89	0.83	0.53	0.58	0.97	-0.04	-4.4%
NC_274	60	4558	10.97	10.89	0.46	10.92	4.37	7.10	7.25	7.25	9.99	9.59	7.66	7.96	9.99	-0.93	-8.5%
NC_275	25	4394	31.08	31.57	1.94	31.78	16.25	26.53	28.95	28.47	24.86	24.84	14.95	16.84	28.95	-2.83	-8.9%
NC_276	20	4371	0.72	0.68	0.12	0.68	0.70	0.68	0.67	0.68	0.47	0.44	0.24	0.27	0.70	0.02	3.1%
NC_277	45	4534	2.74	2.71	0.15	2.72	1.39	2.23	2.34	2.33	2.21	2.31	1.45	1.62	2.34	-0.38	-13.9%
NC_278	20	4433	0.74	0.70	0.12	0.70	0.70	0.70	0.69	0.70	0.49	0.45	0.26	0.28	0.70	0.00	-0.1%
NC_279	30	4498	32.87	32.29	3.43	32.93	17.66	27.58	29.82	29.46	26.91	27.34	16.53	18.62	29.82	-3.12	-9.5%
NC_280	180	4599	208.65	209.12	15.53	215.86	62.84	111.38	111.86	111.91	193.24	199.36	217.69	184.11	217.69	1.83	0.8%
NC_281	20	4371	0.72	0.67	0.12	0.68	0.70	0.68	0.67	0.67	0.47	0.43	0.24	0.27	0.70	0.02	2.5%
NC_282	20	4433	0.62	0.60	0.07	0.61	0.43	0.59	0.62	0.61	0.46	0.45	0.27	0.30	0.62	0.01	1.1%
NC_283	20	4429	1.33	1.25	0.20	1.26	1.32	1.20	1.26	1.25	0.83	0.79	0.45	0.50	1.32	0.06	4.8%
NC_284	45	4528	2.64	2.67	0.19	2.73	1.12	2.00	2.07	2.06	2.40	2.41	1.60	1.75	2.41	-0.32	-11.6%
NC_285	30	4498	42.61	42.19	2.53	42.99	24.98	36.52	38.64	38.43	32.44	34.94	22.53	24.91	38.64	-4.35	-10.1%
NC_286	20	4433	0.53	0.52	0.06	0.53	0.38	0.51	0.53	0.53	0.39	0.38	0.23	0.25	0.53	0.00	0.6%
NC_287	180	4599	209.21	209.42	15.12	215.94	62.78	111.28	111.77	111.81	193.18	199.30	217.96	184.13	217.96	2.02	0.9%
NC_288	20	4433	1.19	1.11	0.19	1.11	1.19	1.10	1.11	1.11	0.77	0.71	0.40	0.44	1.19	0.08	6.9%
NC_289	20	4429	5.20	5.18	0.41	5.22	4.31	4.40	5.22	5.00	3.58	3.52	2.02	2.28	5.22	0.00	0.0%
NC_290	20	4371	0.78	0.72	0.13	0.72	0.79	0.72	0.72	0.72	0.50	0.46	0.25	0.28	0.79	0.07	10.0%
NC_291	20	4433	0.94	0.87	0.15	0.88	0.92	0.87	0.87	0.88	0.61	0.56	0.32	0.35	0.92	0.04	4.5%
NC_292	25	4464	1.20	1.19	0.10	1.20	0.75	1.13	1.17	1.16	1.05	0.98	0.64	0.69	1.17	-0.03	-2.3%
NC_293	45	4496	16.39	16.28	0.59	16.45	7.73	12.76	13.13	13.10	13.26	13.96	9.47	10.32	13.96	-2.49	-15.1%
NC_294	45	4534	5.41	5.43	0.28	5.53	2.19	3.97	4.09	4.07	4.84	4.99	3.42	3.73	4.99	-0.54	-9.8%
NC_295	20	4371	0.83	0.77	0.14	0.77	0.82	0.77	0.77	0.77	0.53	0.49	0.28	0.31	0.82	0.05	6.2%
NC_296	20	4371	0.80	0.74	0.13	0.74	0.79	0.74	0.73	0.74	0.51	0.47	0.26	0.29	0.79	0.05	7.0%
NC_297	20	4433	1.30	1.24	0.16	1.24	1.15	1.16	1.28	1.24	0.87	0.84	0.48	0.54	1.28	0.04	3.5%
NC_298	25	4466	5.11	5.07	0.34	5.10	3.69	4.33	5.01	4.89	3.60	3.70	2.17	2.45	5.01	-0.09	-1.8%
NC_299	45	4496	64.41	63.86	2.44	64.18	32.89	51.75	53.85	53.62	51.91	54.80	37.33	40.55	54.80	-9.38	-14.6%
NC_300	20	4371	0.88	0.81	0.15	0.82	0.89	0.82	0.81	0.81	0.56	0.52	0.29	0.32	0.89	0.07	8.3%
NC_301	20	4429	1.62	1.49	0.27	1.50	1.64	1.47	1.50	1.49	1.01	0.95	0.53	0.59	1.64	0.14	9.2%
NC_302	180	4599	208.69	209.18	15.55	215.95	62.94	111.54	112.03	112.08	193.42	199.53	217.73	184.17	217.73	1.78	0.8%
NC_303	20	4429	2.89	2.91	0.16	2.93	2.12	2.60	2.93	2.87	2.13	2.06	1.24	1.37	2.93	0.00	0.0%
NC_304	45	4528	2.00	2.00	0.17	2.05	0.95	1.62	1.70	1.69	1.77	1.74	1.11	1.22	1.77	-0.28	-13.5%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_305	20	4371	0.75	0.70	0.12	0.70	0.72	0.70	0.70	0.70	0.49	0.45	0.25	0.28	0.72	0.02	3.3%
NC_306	60	4558	6.45	6.36	0.51	6.37	2.41	4.45	4.55	4.54	5.89	6.06	4.37	4.72	6.06	-0.31	-4.9%
NC_307	25	4464	1.76	1.77	0.10	1.77	1.01	1.59	1.68	1.66	1.54	1.45	0.93	1.01	1.68	-0.10	-5.4%
NC_308	45	4496	22.63	22.58	0.65	22.67	9.45	16.48	16.75	16.72	19.24	19.80	14.27	15.25	19.80	-2.87	-12.6%
NC_309	25	4464	1.47	1.46	0.11	1.47	0.80	1.34	1.43	1.41	1.27	1.20	0.77	0.83	1.43	-0.04	-3.0%
NC_310	90	4562	9.19	9.34	0.50	9.51	4.64	6.50	6.81	6.76	9.57	8.33	7.49	7.49	9.57	0.05	0.6%
NC_311	20	4429	2.65	2.65	0.19	2.68	2.15	2.28	2.68	2.58	1.82	1.78	1.03	1.15	2.68	0.00	-0.1%
NC_312	20	4429	1.49	1.40	0.22	1.41	1.50	1.34	1.41	1.39	0.93	0.88	0.50	0.56	1.50	0.09	6.5%
NC_313	45	4496	16.33	16.21	0.54	16.40	7.62	12.60	12.96	12.92	13.25	13.96	9.63	10.40	13.96	-2.45	-14.9%
NC_314	20	4433	0.78	0.76	0.10	0.77	0.59	0.75	0.77	0.77	0.58	0.55	0.34	0.37	0.77	0.00	0.4%
NC_315	20	4429	2.47	2.36	0.32	2.40	2.44	2.15	2.40	2.32	1.56	1.50	0.86	0.95	2.44	0.04	1.7%
NC_316	60	4558	7.04	6.97	0.53	6.98	2.52	4.69	4.78	4.77	6.60	6.62	4.83	5.21	6.62	-0.36	-5.2%
NC_317	20	4371	0.77	0.72	0.13	0.72	0.78	0.72	0.71	0.72	0.49	0.46	0.26	0.28	0.78	0.06	7.6%
NC_318	120	4611	195.39	196.15	15.35	196.47	62.29	110.22	110.73	110.76	189.86	195.83	204.99	176.78	204.99	8.52	4.3%
NC_319	10	4364	0.82	0.83	0.09	0.84	0.84	0.75	0.74	0.74	0.51	0.47	0.26	0.28	0.84	0.00	-0.5%
NC_320	60	4558	7.31	7.26	0.53	7.27	2.56	4.78	4.87	4.86	6.92	6.88	5.05	5.43	6.92	-0.35	-4.8%
NC_321	20	4371	0.91	0.84	0.15	0.84	0.92	0.84	0.84	0.84	0.58	0.54	0.30	0.33	0.92	0.08	9.8%
NC_322	20	4433	0.57	0.55	0.08	0.56	0.44	0.55	0.56	0.56	0.41	0.39	0.23	0.26	0.56	0.00	0.7%
NC_323	20	4429	1.83	1.74	0.26	1.74	1.74	1.71	1.74	1.74	1.23	1.14	0.67	0.75	1.74	0.00	0.2%
NC_324	45	4528	11.89	11.95	0.75	12.07	5.16	8.85	9.17	9.06	11.56	11.14	7.94	8.49	11.56	-0.51	-4.2%
NC_325	180	4653	23.23	23.29	1.45	23.31	9.12	13.54	13.56	13.56	22.49	22.74	23.31	20.22	23.31	0.00	0.0%
NC_326	45	4528	12.14	12.21	0.61	12.38	4.83	8.69	8.94	8.88	11.76	11.54	8.40	8.96	11.76	-0.62	-5.0%
NC_327	20	4433	0.92	0.90	0.08	0.91	0.62	0.88	0.92	0.91	0.75	0.72	0.45	0.49	0.92	0.01	0.5%
NC_328	20	4429	0.76	0.71	0.13	0.71	0.77	0.70	0.71	0.71	0.48	0.45	0.25	0.28	0.77	0.06	7.9%
NC_329	20	4371	0.88	0.82	0.15	0.82	0.88	0.82	0.82	0.82	0.57	0.53	0.29	0.33	0.88	0.06	7.4%
NC_330	20	4371	0.76	0.71	0.13	0.71	0.77	0.71	0.70	0.71	0.49	0.45	0.25	0.28	0.77	0.06	7.9%
NC_331	45	4496	17.31	17.25	0.50	17.41	7.87	13.13	13.48	13.44	14.09	14.85	10.50	11.27	14.85	-2.56	-14.7%
NC_332	20	4429	2.58	2.48	0.31	2.51	2.46	2.31	2.51	2.45	1.71	1.63	0.95	1.07	2.51	0.00	0.0%
NC_333	25	4394	6.16	6.27	0.47	6.33	4.42	5.41	6.16	6.02	4.51	4.47	2.66	2.98	6.16	-0.18	-2.8%
NC_334	20	4371	0.81	0.75	0.13	0.75	0.80	0.75	0.75	0.75	0.52	0.48	0.27	0.30	0.80	0.05	6.0%
NC_335	20	4433	0.53	0.52	0.07	0.53	0.39	0.51	0.53	0.53	0.39	0.38	0.22	0.25	0.53	0.00	0.4%
NC_336	20	4433	0.54	0.53	0.07	0.53	0.39	0.52	0.54	0.53	0.39	0.38	0.23	0.25	0.54	0.01	2.1%
NC_337	20	4433	1.00	0.92	0.17	0.92	1.01	0.92	0.92	0.92	0.63	0.59	0.33	0.36	1.01	0.09	9.7%
NC_338	20	4433	0.61	0.60	0.07	0.61	0.43	0.58	0.61	0.61	0.46	0.44	0.27	0.30	0.61	0.00	0.5%
NC_339	20	4367	1.70	1.66	0.16	1.66	1.52	1.43	1.70	1.61	1.13	1.10	0.62	0.70	1.70	0.04	2.3%
NC_340	20	4429	0.64	0.61	0.09	0.61	0.55	0.61	0.61	0.61	0.44	0.40	0.23	0.26	0.61	0.00	0.2%
NC_341	180	4653	23.23	23.30	1.45	23.38	9.10	13.53	13.55	13.55	22.30	22.84	23.38	20.22	23.38	0.00	0.0%
NC_342	20	4429	4.68	4.56	0.51	4.62	4.46	4.05	4.62	4.45	3.01	2.93	1.68	1.88	4.62	0.00	0.0%
NC_343	20	4399	1.23	1.21	0.11	1.21	0.83	1.14	1.24	1.21	0.95	0.92	0.55	0.61	1.24	0.03	2.8%
NC_344	20	4429	1.57	1.49	0.22	1.50	1.55	1.42	1.50	1.48	0.99	0.94	0.54	0.60	1.55	0.05	3.2%
NC_345	20	4433	0.53	0.52	0.06	0.53	0.38	0.51	0.53	0.53	0.39	0.38	0.23	0.25	0.53	0.00	0.6%
NC_346	20	4429	4.50	4.34	0.53	4.42	4.32	3.85	4.42	4.24	2.88	2.78	1.59	1.78	4.42	0.00	-0.1%
NC_347	10	4364	0.81	0.81	0.08	0.82	0.82	0.74	0.73	0.74	0.50	0.47	0.26	0.28	0.82	0.00	0.1%
NC_348	25	4464	0.93	0.93	0.06	0.94	0.49	0.84	0.90	0.88	0.80	0.75	0.48	0.52	0.90	-0.04	-4.7%
NC_349	45	4528	1.31	1.29	0.13	1.32	0.71	1.16	1.20	1.19	1.19	1.12	0.73	0.79	1.20	-0.12	-9.2%
NC_350	60	4405	12.76	12.71	1.05	12.72	4.90	8.88	9.12	9.08	12.27	12.17	9.03	9.60	12.27	-0.45	-3.5%
NC_351	25	4464	0.89	0.88	0.08	0.89	0.54	0.83	0.87	0.87	0.74	0.70	0.44	0.48	0.87	-0.02	-1.9%
NC_352	45	4528	1.61	1.61	0.15	1.62	0.78	1.31	1.34	1.34	1.48	1.43	0.94	1.01	1.48	-0.14	-8.6%
NC_353	20	4433	1.49	1.44	0.16	1.45	1.34	1.37	1.46	1.45	0.97	0.94	0.55	0.62	1.46	0.01	0.8%
NC_354	45	4496	22.52	22.47	0.66	22.55	9.44	16.45	16.71	16.68	19.12	19.67	14.08	15.10	19.67	-2.88	-12.8%
NC_355	120	4611	195.39	196.15	15.36	196.46	62.29	110.23	110.75	110.79	189.86	195.83	204.98	176.83	204.98	8.52	4.3%
NC_356	60	4405	13.17	13.14	0.40	13.14	4.38	7.69	7.72	7.69	13.13	12.80	10.63	10.61	13.13	-0.01	-0.1%
NC_357	10	4357	0.88	0.89	0.09	0.89	0.89	0.80	0.79	0.80	0.54	0.51	0.28	0.31	0.89	0.00	0.2%
NC_358	45	4528	6.48	6.40	0.56	6.69	3.21	5.47	5.92	5.81	5.59	5.60	3.52	3.87	5.92	-0.77	-11.5%
NC_359	20	4429	1.59	1.51	0.21	1.53	1.56	1.39	1.53	1.48	1.00	0.96	0.55	0.61	1.56	0.03	1.8%
NC_360	25	4462	1.28	1.29	0.13	1.30	0.76	1.19	1.29	1.26	1.04	1.00	0.61	0.67	1.29	-0.01	-0.9%
NC_361	25	4460	1.86	1.86	0.15	1.86	1.32	1.75	1.85	1.84	1.52	1.45	0.91	1.00	1.85	-0.01	-0.4%
NC_362	120	4611	195.39	196.16	15.36	196.46	62.30	110.24	110.75	110.80	189.88	195.85	204.96	176.87	204.96	8.50	4.3%
NC_363	20	4433	0.61	0.60	0.08	0.60	0.46	0.59	0.61	0.60	0.45	0.43	0.26	0.29	0.61	0.01	1.3%
NC_364	20	4371	0.78	0.72	0.13	0.72	0.78	0.72	0.71	0.72	0.50	0.46	0.26	0.28	0.78	0.06	8.8%
NC_365	45	4528	1.33	1.33	0.13	1.36	0.58	1.09	1.13	1.12	1.20	1.16	0.75	0.81	1.20	-0.16	-11.7%
NC_366	20	4433	1.16	1.08	0.18	1.08	1.15	1.08	1.08	1.08	0.75	0.70	0.39	0.44	1.15	0.07	6.3%
NC_367	25	4464	1.00	1.00	0.07	1.01	0.54	0.91	0.97	0.95	0.86	0.81	0.52	0.56	0.97	-0.04	-4.3%
NC_368	25	4461	6.61	6.73	0.53	6.77	3.69	5.81	6.41	6.24	5.60	5.41	3.36	3.69	6.41	-0.36	-5.4%
NC_369	20	4433	0.58	0.57	0.07	0.57	0.42	0.56	0.58	0.58	0.43	0.41	0.25	0.28	0.58	0.01	1.9%
NC_370	20	4371	0.79	0.73	0.13	0.74	0.79	0.74	0.73	0.73	0.51	0.47	0.26	0.29	0.79	0.05	6.1%
NC_371	25	4462	2.88	2.92	0.28	2.97	1.76	2.62	2.88	2.81	2.36	2.26	1.37	1.52	2.88	-0.09	-2.9%
NC_372	120	4611	195.40	196.15	15.36	196.44	62.31	110.26	110.77	110.81	189.89	195.86	204.95	176.87	204.95	8.51	4.3%
NC_373	10	4364	0.79	0.80	0.08	0.81	0.81	0.73	0.72	0.72	0.50	0.46	0.26	0.28	0.81	-0.01	-0.6%
NC_374	20	4433	1.15	1.13	0.10	1.13	0.74	1.10	1.15	1.13	0.98	0.92	0.60	0.64	1.15	0.02	1.5%
NC_375	60	4558	7.52	7.46	0.67	7.46	3.21	5.56	5.73	5.71	7.55	7.62	5.91	6.08	7.62	0.16	2.1%
NC_376	20	4371	0.88	0.82	0.15	0.82	0.89	0.82	0.81	0.82	0.56	0.52	0.29	0.32	0.89	0.07	9.0%
NC_377	60	4558	14.50	14.42	1.24	14.42	5.74	10.20	10.50	10.46	14.04	13.91	10.34	10.96	14.04	-0.38	-2.7%
NC_378	20	4433	0.61	0.59	0.09	0.59	0.49	0.58	0.60	0.59	0.43	0.41	0.24	0.27	0.60	0.01	1.0%
NC_379	10	4364	0.92	0.92	0.10	0.93	0.93	0.83	0.82	0.82	0.56	0.52	0.29	0.32	0.93	0.00	0.0%
NC_380	25	4461	6.27	6.38	0.52	6.43	3.57	5.56	6.13	5.97	5.30	5.07	3.15	3.47	6.13	-0.31	-4.7%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_381	60	4405	13.30	13.25	0.40	13.26	4.46	7.73	7.80	7.76	13.27	13.06	10.86	10.82	13.27	0.01	0.1%
NC_382	20	4429	0.73	0.68	0.12	0.68	0.71	0.68	0.68	0.68	0.47	0.44	0.25	0.27	0.71	0.03	4.0%
NC_383	20	4433	1.49	1.45	0.18	1.46	1.16	1.40	1.48	1.46	1.08	1.05	0.63	0.70	1.48	0.02	1.6%
NC_384	20	4433	0.71	0.69	0.08	0.70	0.51	0.68	0.71	0.70	0.53	0.51	0.31	0.34	0.71	0.01	0.7%
NC_385	120	4499	34.77	34.52	3.80	35.28	14.42	21.83	22.60	22.53	33.96	35.28	34.25	31.25	35.28	0.00	0.0%
NC_386	10	4364	0.85	0.85	0.09	0.86	0.86	0.75	0.73	0.74	0.50	0.47	0.26	0.28	0.86	0.00	0.0%
NC_387	20	4429	0.79	0.76	0.12	0.76	0.70	0.75	0.76	0.76	0.55	0.50	0.29	0.33	0.76	0.00	0.0%
NC_388	20	4433	0.93	0.92	0.09	0.92	0.61	0.89	0.93	0.92	0.76	0.72	0.46	0.50	0.93	0.01	1.3%
NC_389	25	4460	3.46	3.48	0.24	3.51	2.07	3.11	3.35	3.28	3.06	2.86	1.85	2.02	3.35	-0.17	-4.7%
NC_390	20	4433	0.66	0.65	0.07	0.65	0.46	0.63	0.66	0.65	0.50	0.48	0.29	0.32	0.66	0.01	1.7%
NC_391	20	4429	2.53	2.42	0.33	2.45	2.38	2.28	2.45	2.40	1.66	1.57	0.90	1.02	2.45	0.00	0.0%
NC_392	20	4433	0.61	0.59	0.07	0.60	0.42	0.57	0.61	0.60	0.45	0.44	0.26	0.29	0.61	0.01	1.0%
NC_393	10	4364	2.47	2.48	0.18	2.50	2.50	2.10	2.25	2.20	1.46	1.39	0.79	0.87	2.50	0.00	-0.1%
NC_394	120	4499	195.59	196.37	15.50	196.40	62.66	110.82	111.35	111.39	190.43	196.40	204.59	176.95	204.59	8.19	4.2%
NC_395	20	4371	0.76	0.70	0.13	0.71	0.76	0.71	0.70	0.70	0.48	0.45	0.25	0.28	0.76	0.05	6.8%
NC_396	25	4460	2.99	3.03	0.23	3.06	1.66	2.66	2.91	2.84	2.58	2.44	1.55	1.69	2.91	-0.15	-5.0%
NC_397	45	4533	3.33	3.33	0.05	3.35	2.49	3.01	3.09	3.09	2.93	2.96	2.34	2.46	3.09	-0.26	-7.6%
NC_398	20	4433	0.55	0.53	0.07	0.54	0.40	0.52	0.54	0.54	0.39	0.38	0.23	0.25	0.54	0.00	0.4%
NC_399	120	4611	195.40	196.16	15.36	196.44	62.31	110.26	110.78	110.82	189.91	195.88	204.94	176.85	204.94	8.50	4.3%
NC_400	10	4364	0.83	0.84	0.09	0.85	0.85	0.74	0.73	0.73	0.50	0.47	0.26	0.28	0.85	-0.01	-0.6%
NC_401	60	4558	14.40	14.32	0.59	14.33	6.10	9.34	9.56	9.55	14.92	14.65	11.92	11.99	14.92	0.59	4.1%
NC_402	20	4429	1.95	1.86	0.25	1.88	1.94	1.73	1.88	1.84	1.23	1.18	0.68	0.76	1.94	0.06	3.3%
NC_403	120	4611	195.40	196.12	15.42	196.18	62.45	110.48	111.01	111.05	190.08	196.05	204.62	176.81	204.62	8.44	4.3%
NC_404	120	4611	195.40	196.16	15.37	196.43	62.32	110.28	110.80	110.83	189.91	195.88	204.93	176.81	204.93	8.50	4.3%
NC_405	20	4433	0.56	0.55	0.08	0.55	0.44	0.54	0.56	0.55	0.40	0.38	0.23	0.25	0.56	0.01	1.1%
NC_406	10	4364	3.70	3.72	0.23	3.74	3.74	3.23	3.53	3.44	2.31	2.20	1.25	1.38	3.74	0.00	0.1%
NC_407	20	4371	0.79	0.73	0.13	0.73	0.78	0.73	0.73	0.73	0.51	0.47	0.26	0.29	0.78	0.05	7.1%
NC_408	25	4464	3.06	3.05	0.21	3.06	1.86	2.81	2.96	2.91	2.69	2.51	1.64	1.77	2.96	-0.10	-3.3%
NC_409	10	4364	0.93	0.94	0.10	0.95	0.95	0.84	0.83	0.84	0.57	0.53	0.29	0.32	0.95	-0.01	-0.5%
NC_410	20	4433	1.57	1.49	0.20	1.50	1.43	1.44	1.53	1.50	1.05	0.99	0.58	0.65	1.53	0.03	1.8%
NC_411	20	4429	2.76	2.69	0.30	2.72	2.68	2.38	2.72	2.63	1.75	1.71	0.98	1.10	2.72	0.00	0.0%
NC_412	20	4429	1.67	1.60	0.22	1.61	1.56	1.54	1.61	1.59	1.10	1.03	0.60	0.67	1.61	0.00	0.1%
NC_413	10	4364	0.89	0.89	0.09	0.90	0.90	0.80	0.80	0.80	0.55	0.51	0.28	0.31	0.90	0.00	0.0%
NC_414	20	4371	0.77	0.71	0.13	0.71	0.77	0.71	0.70	0.71	0.49	0.45	0.25	0.28	0.77	0.06	8.9%
NC_415	10	4364	1.08	1.09	0.11	1.10	1.10	0.97	0.97	0.98	0.66	0.62	0.34	0.38	1.10	0.00	0.0%
NC_416	10	4364	1.05	1.06	0.10	1.07	1.07	0.96	0.96	0.96	0.66	0.61	0.34	0.38	1.07	0.00	-0.1%
NC_417	25	4464	2.20	2.17	0.14	2.19	1.58	2.10	2.15	2.15	1.83	1.71	1.12	1.21	2.15	-0.04	-1.7%
NC_418	10	4364	0.97	0.97	0.10	0.98	0.98	0.85	0.84	0.84	0.57	0.53	0.29	0.32	0.98	0.00	0.0%
NC_419	20	4429	3.73	3.73	0.30	3.77	3.16	3.14	3.77	3.62	2.50	2.46	1.40	1.58	3.77	0.00	0.0%
NC_420	10	4364	0.81	0.82	0.09	0.83	0.83	0.74	0.73	0.74	0.51	0.47	0.26	0.28	0.83	0.00	-0.4%
NC_421	45	4528	1.62	1.61	0.14	1.65	0.74	1.32	1.36	1.36	1.44	1.40	0.91	0.99	1.44	-0.21	-12.5%
NC_422	120	4499	195.13	195.71	15.55	196.24	62.67	110.83	111.36	111.40	190.28	196.24	203.62	176.40	203.62	7.38	3.8%
NC_423	20	4371	0.83	0.77	0.14	0.77	0.84	0.77	0.76	0.76	0.53	0.49	0.27	0.30	0.84	0.07	9.2%
NC_424	25	4394	5.13	5.22	0.34	5.25	2.87	4.41	4.91	4.80	4.16	4.10	2.49	2.78	4.91	-0.34	-6.6%
NC_425	20	4399	1.09	1.08	0.09	1.08	0.69	1.01	1.11	1.08	0.86	0.83	0.50	0.55	1.11	0.03	2.6%
NC_426	20	4371	0.80	0.73	0.14	0.74	0.81	0.74	0.73	0.73	0.50	0.47	0.26	0.29	0.81	0.07	9.2%
NC_427	15	4401	3.94	3.77	0.41	3.81	3.86	3.33	3.87	3.71	2.47	2.41	1.38	1.53	3.87	0.06	1.5%
NC_428	20	4433	1.19	1.15	0.13	1.15	1.09	1.09	1.17	1.15	0.75	0.73	0.42	0.48	1.17	0.02	1.7%
NC_429	20	4371	0.78	0.72	0.13	0.72	0.79	0.72	0.71	0.72	0.49	0.46	0.25	0.28	0.79	0.07	9.9%
NC_430	10	4364	1.26	1.26	0.12	1.27	1.27	1.06	1.05	1.06	0.71	0.67	0.37	0.40	1.27	0.00	0.0%
NC_431	20	4433	0.63	0.61	0.09	0.61	0.52	0.60	0.61	0.61	0.44	0.41	0.24	0.27	0.61	0.00	0.2%
NC_432	15	4401	3.48	3.38	0.30	3.43	3.27	2.95	3.47	3.33	2.22	2.19	1.25	1.40	3.47	0.04	1.1%
NC_433	20	4428	2.66	2.65	0.19	2.66	2.11	2.36	2.69	2.62	1.83	1.80	1.04	1.17	2.69	0.03	1.1%
NC_434	20	4433	0.53	0.52	0.06	0.53	0.38	0.50	0.53	0.53	0.39	0.38	0.23	0.25	0.53	0.00	0.4%
NC_435	10	4364	0.91	0.91	0.09	0.92	0.92	0.79	0.78	0.79	0.54	0.50	0.27	0.30	0.92	0.00	0.1%
NC_436	25	4461	3.82	3.81	0.23	3.84	2.66	3.37	3.72	3.70	2.72	2.72	1.61	1.81	3.72	-0.12	-3.2%
NC_437	120	4499	195.28	195.91	15.59	196.46	62.79	111.03	111.57	111.61	190.50	196.46	203.68	176.57	203.68	7.22	3.7%
NC_438	10	4364	1.64	1.65	0.13	1.66	1.66	1.40	1.48	1.46	0.96	0.91	0.52	0.57	1.66	0.00	0.1%
NC_439	20	4433	0.53	0.52	0.06	0.53	0.38	0.50	0.53	0.53	0.39	0.38	0.23	0.25	0.53	0.00	0.4%
NC_440	25	4460	4.16	4.17	0.28	4.20	3.07	3.85	4.10	4.06	3.44	3.23	2.09	2.29	4.10	-0.10	-2.4%
NC_441	20	4433	1.39	1.34	0.17	1.35	1.17	1.27	1.38	1.35	0.96	0.93	0.54	0.61	1.38	0.03	2.0%
NC_442	20	4433	0.81	0.77	0.13	0.77	0.76	0.77	0.77	0.77	0.54	0.50	0.29	0.32	0.77	0.00	0.0%
NC_443	60	4558	17.78	17.62	1.24	17.65	10.99	14.43	15.67	15.43	19.34	18.62	14.43	14.75	19.34	1.69	9.6%
NC_444	20	4433	1.32	1.28	0.14	1.28	1.20	1.21	1.30	1.28	0.85	0.83	0.48	0.54	1.30	0.02	1.6%
NC_445	20	4433	0.63	0.62	0.08	0.62	0.45	0.60	0.63	0.62	0.47	0.45	0.27	0.30	0.63	0.01	1.3%
NC_446	10	4364	2.35	2.36	0.13	2.37	2.37	1.96	2.19	2.12	1.38	1.34	0.77	0.84	2.37	0.00	-0.1%
NC_447	20	4429	1.76	1.69	0.22	1.71	1.67	1.58	1.71	1.68	1.14	1.09	0.63	0.71	1.71	0.00	0.1%
NC_448	25	4461	3.48	3.54	0.22	3.55	1.81	3.04	3.29	3.23	3.06	2.91	1.85	2.02	3.29	-0.26	-7.2%
NC_449	25	4394	3.94	4.01	0.29	4.01	2.79	3.50	3.93	3.87	2.90	2.83	1.69	1.89	3.93	-0.08	-1.9%
NC_450	25	4394	4.30	4.39	0.32	4.41	2.49	3.71	4.15	4.05	3.46	3.41	2.06	2.30	4.15	-0.26	-5.9%
NC_451	25	4394	3.90	3.99	0.31	3.99	2.32	3.39	3.81	3.71	3.14	3.05	1.84	2.06	3.81	-0.18	-4.5%
NC_452	120	4499	6.34	6.33	0.42	6.48	1.89	3.44	3.45	3.46	6.15	6.48	6.61	5.70	6.61	0.13	2.0%
NC_453	20	4433	1.44	1.38	0.17	1.39	1.30	1.35	1.40	1.39	1.00	0.94	0.56	0.63	1.40	0.01	0.6%
NC_454	25	4464	1.33	1.33	0.08	1.34	0.78	1.22	1.27	1.26	1.16	1.09	0.70	0.76	1.27	-0.07	-5.1%
NC_455	25	4460	2.22	2.23	0.16	2.24	1.20	1.98	2.13	2.09	1.93	1.82	1.15	1.26	2.13	-0.11	-4.9%
NC_456	10	4364	1.94	1.96	0.15	1.97	1.97	1.62	1.71	1.69	1.10	1.05	0.60	0.65	1.97	0.00	-0.2%

ARR2019 Results for 1%AEP Event																	
Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_457	120	4499	195.38	196.04	15.61	196.62	62.87	111.16	111.70	111.74	190.66	196.62	203.73	176.59	203.73	7.10	3.6%
NC_458	120	4499	60.42	60.47	3.33	61.16	23.37	36.57	37.30	37.27	56.47	61.16	60.97	52.88	61.16	0.00	0.0%
NC_459	10	4364	0.88	0.89	0.09	0.89	0.89	0.76	0.75	0.75	0.51	0.48	0.26	0.28	0.89	0.00	0.3%
NC_460	10	4364	0.88	0.89	0.09	0.89	0.89	0.77	0.76	0.77	0.52	0.49	0.27	0.29	0.89	0.00	0.4%
NC_461	20	4429	2.73	2.71	0.19	2.74	2.34	2.41	2.74	2.68	1.75	1.73	1.00	1.12	2.74	0.00	0.1%
NC_462	20	4429	2.31	2.20	0.30	2.23	2.27	2.03	2.23	2.17	1.47	1.40	0.80	0.89	2.27	0.04	1.8%
NC_463	15	4401	2.67	2.54	0.31	2.55	2.69	2.29	2.56	2.48	1.63	1.58	0.91	1.00	2.69	0.14	5.5%
NC_464	20	4433	0.61	0.59	0.09	0.59	0.51	0.58	0.59	0.59	0.42	0.39	0.23	0.26	0.59	0.00	0.2%
NC_465	10	4364	1.94	1.95	0.14	1.97	1.97	1.73	1.84	1.81	1.20	1.14	0.66	0.72	1.97	0.00	-0.3%
NC_466	60	4558	39.09	38.21	2.99	38.41	13.30	25.54	26.23	26.19	35.65	38.49	26.10	28.51	38.49	0.08	0.2%
NC_467	20	4433	0.53	0.52	0.06	0.53	0.38	0.51	0.53	0.53	0.39	0.38	0.23	0.25	0.53	0.00	0.4%
NC_468	20	4433	1.11	1.03	0.18	1.04	1.12	1.03	1.03	1.04	0.71	0.66	0.37	0.41	1.12	0.08	7.5%
NC_469	20	4404	2.08	2.07	0.16	2.07	1.68	1.85	2.10	2.04	1.42	1.39	0.81	0.91	2.10	0.03	1.2%
NC_470	30	4498	4.25	4.22	0.32	4.28	2.60	3.69	3.94	3.91	3.61	3.54	2.29	2.50	3.94	-0.34	-7.9%
NC_471	10	4364	0.88	0.89	0.09	0.89	0.89	0.77	0.75	0.76	0.52	0.48	0.26	0.29	0.89	0.00	0.4%
NC_472	20	4433	0.97	0.96	0.08	0.96	0.67	0.91	0.97	0.96	0.76	0.73	0.45	0.49	0.97	0.01	1.0%
NC_473	10	4364	0.92	0.93	0.10	0.93	0.93	0.83	0.82	0.82	0.56	0.52	0.29	0.32	0.93	0.00	0.3%
NC_474	20	4433	0.53	0.52	0.06	0.52	0.38	0.50	0.53	0.52	0.39	0.38	0.23	0.25	0.53	0.01	2.1%
NC_475	10	4364	0.91	0.90	0.09	0.91	0.91	0.77	0.75	0.76	0.51	0.48	0.26	0.28	0.91	0.00	0.1%
NC_476	20	4429	0.66	0.63	0.10	0.63	0.59	0.63	0.63	0.63	0.45	0.41	0.24	0.27	0.63	0.00	0.6%
NC_477	20	4371	0.78	0.72	0.13	0.73	0.77	0.73	0.72	0.72	0.50	0.46	0.26	0.29	0.77	0.04	5.9%
NC_478	10	4364	1.69	1.70	0.14	1.71	1.71	1.41	1.49	1.47	0.96	0.92	0.52	0.57	1.71	0.00	-0.2%
NC_479	10	4364	2.67	2.68	0.14	2.69	2.69	2.17	2.43	2.36	1.52	1.48	0.85	0.93	2.69	0.00	0.1%
NC_480	10	4364	1.50	1.50	0.14	1.51	1.51	1.25	1.26	1.26	0.85	0.79	0.44	0.48	1.51	0.00	0.0%
NC_481	25	4464	1.02	1.02	0.07	1.03	0.56	0.94	0.99	0.98	0.90	0.84	0.54	0.59	0.99	-0.04	-4.2%
NC_482	10	4364	1.82	1.84	0.15	1.85	1.85	1.55	1.63	1.61	1.06	1.00	0.57	0.62	1.85	0.00	-0.2%
NC_483	60	4558	39.80	38.97	2.55	39.15	13.87	25.33	25.95	25.93	36.40	39.27	27.41	29.50	39.27	0.12	0.3%
NC_484	60	4558	6.08	6.07	0.34	6.08	2.52	3.84	3.93	3.92	5.88	5.65	4.73	4.73	5.88	-0.20	-3.2%
NC_485	45	4528	7.05	7.03	0.45	7.25	4.38	6.04	6.54	6.47	6.57	6.41	4.63	4.91	6.57	-0.68	-9.4%
NC_486	10	4357	1.05	1.06	0.10	1.06	1.06	0.96	0.96	0.96	0.66	0.61	0.34	0.38	1.06	0.00	0.3%
NC_487	10	4364	1.10	1.08	0.09	1.09	1.09	0.96	0.88	0.93	0.60	0.56	0.30	0.33	1.09	0.00	0.1%
NC_488	180	4651	6.63	6.81	0.75	7.01	1.91	3.49	3.50	3.50	6.27	6.62	7.01	5.97	7.01	0.00	0.0%
NC_489	20	4433	1.16	1.07	0.19	1.07	1.17	1.07	1.07	1.07	0.74	0.69	0.39	0.43	1.17	0.10	9.3%
NC_490	10	4364	1.09	1.08	0.10	1.09	1.09	0.93	0.89	0.92	0.61	0.57	0.31	0.34	1.09	0.00	0.3%
NC_491	10	4364	1.13	1.12	0.10	1.13	1.13	0.97	0.91	0.95	0.62	0.58	0.32	0.34	1.13	0.00	-0.4%
NC_492	60	4558	33.55	33.27	2.19	33.30	14.40	23.19	23.82	23.80	32.30	32.08	25.66	26.33	32.30	-1.00	-3.0%
NC_493	10	4364	1.58	1.59	0.12	1.60	1.60	1.40	1.48	1.46	0.97	0.92	0.52	0.58	1.60	0.00	-0.1%
NC_494	10	4364	1.66	1.67	0.13	1.68	1.68	1.40	1.48	1.46	0.96	0.92	0.52	0.57	1.68	0.00	-0.2%
NC_495	20	4371	0.75	0.70	0.12	0.70	0.72	0.70	0.70	0.70	0.49	0.45	0.26	0.28	0.72	0.02	3.3%
NC_496	10	4364	0.85	0.86	0.09	0.86	0.86	0.75	0.74	0.74	0.51	0.47	0.26	0.28	0.86	0.00	0.5%
NC_497	25	4464	0.99	1.00	0.06	1.00	0.50	0.89	0.94	0.93	0.87	0.82	0.52	0.57	0.94	-0.06	-5.8%
NC_498	10	4364	1.06	1.07	0.11	1.08	1.08	0.97	0.96	0.97	0.66	0.61	0.34	0.38	1.08	0.00	-0.1%
NC_499	120	4499	60.58	60.64	3.25	61.37	23.35	36.61	37.30	37.28	56.50	61.37	61.25	52.99	61.37	0.00	0.0%
NC_500	25	4461	2.34	2.38	0.24	2.41	1.56	2.04	2.37	2.27	1.84	1.77	1.05	1.18	2.37	-0.04	-1.9%
NC_501	10	4364	2.69	2.70	0.14	2.71	2.71	2.23	2.50	2.42	1.56	1.51	0.87	0.96	2.71	0.00	0.0%
NC_502	120	4499	195.49	196.17	15.64	196.77	62.95	111.29	111.82	111.86	190.80	196.77	203.77	176.76	203.77	7.00	3.6%
NC_503	10	4364	1.95	1.96	0.15	1.97	1.97	1.59	1.63	1.62	1.04	1.00	0.56	0.61	1.97	0.00	0.1%
NC_504	20	4399	1.76	1.74	0.17	1.74	1.31	1.58	1.78	1.71	1.30	1.26	0.73	0.83	1.78	0.04	2.4%
NC_505	20	4433	1.32	1.27	0.15	1.28	1.18	1.24	1.29	1.28	0.90	0.86	0.51	0.57	1.29	0.01	0.9%
NC_506	60	4558	6.05	6.07	0.42	6.07	2.55	3.94	4.06	4.04	5.90	5.63	4.56	4.68	5.90	-0.17	-2.8%
NC_507	10	4364	4.00	4.02	0.21	4.04	4.04	3.21	3.60	3.48	2.25	2.18	1.25	1.37	4.04	0.00	-0.1%
NC_508	20	4399	1.12	1.11	0.10	1.11	0.85	1.04	1.13	1.11	0.81	0.79	0.47	0.52	1.13	0.02	1.7%
NC_509	20	4399	1.07	1.06	0.08	1.06	0.66	0.99	1.09	1.06	0.85	0.82	0.49	0.55	1.09	0.03	2.5%
NC_510	10	4364	2.63	2.65	0.15	2.66	2.66	2.19	2.44	2.37	1.53	1.48	0.85	0.93	2.66	0.00	-0.2%
NC_511	10	4364	1.63	1.64	0.13	1.65	1.65	1.39	1.46	1.44	0.95	0.90	0.51	0.56	1.65	0.00	0.2%
NC_512	10	4364	1.08	1.09	0.11	1.10	1.10	0.98	0.97	0.98	0.67	0.62	0.35	0.38	1.10	0.00	0.1%
NC_513	10	4364	2.33	2.34	0.14	2.35	2.35	1.87	2.08	2.02	1.31	1.26	0.72	0.79	2.35	0.00	0.1%
NC_514	10	4364	1.31	1.31	0.12	1.32	1.32	1.12	1.08	1.11	0.73	0.68	0.37	0.41	1.32	0.00	-0.1%
NC_515	25	4460	1.61	1.64	0.14	1.66	0.91	1.44	1.59	1.54	1.32	1.26	0.77	0.85	1.59	-0.07	-4.3%
NC_516	10	4364	2.54	2.56	0.13	2.57	2.57	2.04	2.30	2.22	1.44	1.40	0.80	0.88	2.57	0.00	-0.2%
NC_517	20	4433	0.68	0.67	0.07	0.67	0.47	0.64	0.68	0.67	0.52	0.50	0.31	0.34	0.68	0.01	1.3%
NC_518	15	4401	3.30	3.20	0.32	3.22	3.30	2.70	3.14	3.01	1.94	1.90	1.09	1.20	3.30	0.08	2.5%
NC_519	120	4499	195.57	196.27	15.67	196.92	63.03	111.42	111.96	111.99	190.95	196.92	203.76	176.74	203.76	6.84	3.5%
NC_520	120	4499	60.61	60.66	3.22	61.39	23.31	36.59	37.27	37.25	56.49	61.39	61.33	53.03	61.39	0.00	0.0%
NC_521	20	4433	0.54	0.53	0.06	0.53	0.38	0.51	0.54	0.53	0.40	0.39	0.23	0.26	0.54	0.01	1.9%
NC_522	10	4364	2.29	2.30	0.17	2.31	2.31	1.97	2.09	2.06	1.35	1.28	0.74	0.81	2.31	0.00	0.1%
NC_523	10	4364	1.87	1.88	0.15	1.90	1.90	1.54	1.63	1.61	1.05	1.00	0.57	0.62	1.90	0.00	-0.3%
NC_524	60	4558	33.50	33.20	2.10	33.23	14.26	23.10	23.69	23.68	32.23	32.01	25.81	26.32	32.23	-1.00	-3.0%
NC_525	25	4394	1.39	1.39	0.09	1.40	0.79	1.26	1.35	1.33	1.12	1.07	0.67	0.73	1.35	-0.05	-3.8%
NC_526	25	4394	23.46	23.76	1.45	23.89	17.13	20.83	23.07	22.68	24.49	23.16	17.44	17.85	24.49	0.59	2.5%
NC_527	30	4498	1.65	1.65	0.10	1.67	0.80	1.40	1.43	1.43	1.41	1.37	0.87	0.95	1.43	-0.24	-14.3%
NC_528	45	4534	2.90	2.89	0.14	2.92	1.20	2.13	2.19	2.18	2.54	2.60	1.76	1.93	2.60	-0.32	-10.9%
NC_529	45	4496	3.01	3.01	0.09	3.03	1.19	2.13	2.18	2.18	2.70	2.74	1.94	2.12	2.74	-0.29	-9.5%
NC_530	10	4364	0.99	0.99	0.10	1.00	1.00	0.88	0.88	0.88	0.60	0.56	0.31	0.34	1.00	0.00	0.2%
NC_531	10	4357	0.86	0.87	0.09	0.88	0.88	0.80	0.79	0.79	0.54	0.51	0.28	0.31	0.88	0.00	-0.1%
NC_532	120	4499	195.71	196.44	15.71	197.15	63.15	111.61	112.15	112.19	191.18	197.15	203.79	176.93	203.79	6.64	3.4%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_533	10	4364	0.90	0.90	0.09	0.91	0.91	0.77	0.75	0.76	0.52	0.48	0.26	0.28	0.91	0.00	0.0%
NC_534	45	4528	2.49	2.48	0.21	2.54	1.20	2.07	2.15	2.14	2.18	2.12	1.37	1.49	2.18	-0.36	-14.1%
NC_535	120	4499	195.75	196.48	15.74	197.28	63.23	111.75	112.29	112.32	191.32	197.28	203.68	176.87	203.68	6.40	3.2%
NC_536	45	4528	2.70	2.72	0.19	2.79	1.19	2.09	2.17	2.15	2.35	2.38	1.55	1.70	2.38	-0.42	-14.9%
NC_537	10	4357	0.93	0.92	0.09	0.93	0.93	0.80	0.75	0.79	0.52	0.48	0.26	0.28	0.93	0.00	0.1%
NC_538	15	4401	3.61	3.48	0.35	3.51	3.57	2.97	3.47	3.34	2.14	2.11	1.21	1.34	3.57	0.06	1.8%
NC_539	60	4558	33.39	33.08	2.03	33.10	14.12	22.96	23.53	23.52	32.09	31.87	25.95	26.29	32.09	-1.01	-3.1%
NC_540	10	4364	0.89	0.89	0.09	0.89	0.89	0.76	0.75	0.75	0.51	0.48	0.26	0.28	0.89	0.00	0.4%
NC_541	45	4528	6.01	6.09	0.40	6.15	2.59	4.31	4.50	4.47	5.93	5.56	4.33	4.56	5.93	-0.22	-3.6%
NC_542	10	4357	0.88	0.88	0.09	0.89	0.89	0.76	0.75	0.76	0.52	0.48	0.26	0.29	0.89	0.00	0.2%
NC_543	15	4401	4.24	4.14	0.33	4.19	4.05	3.41	4.11	3.93	2.53	2.50	1.42	1.59	4.11	-0.08	-1.9%
NC_544	20	4433	0.81	0.78	0.11	0.79	0.69	0.78	0.79	0.79	0.57	0.53	0.32	0.35	0.79	0.00	-0.3%
NC_545	20	4433	1.25	1.23	0.13	1.23	0.98	1.18	1.24	1.23	0.91	0.88	0.53	0.59	1.24	0.01	1.1%
NC_546	20	4433	0.74	0.72	0.08	0.73	0.52	0.70	0.73	0.73	0.56	0.54	0.33	0.36	0.73	0.00	0.3%
NC_547	20	4433	0.56	0.54	0.08	0.55	0.43	0.54	0.56	0.55	0.40	0.39	0.23	0.26	0.56	0.01	0.9%
NC_548	10	4364	1.01	1.02	0.06	1.02	1.02	0.80	0.90	0.87	0.56	0.54	0.31	0.34	1.02	0.00	0.0%
NC_549	20	4371	0.75	0.70	0.13	0.70	0.76	0.70	0.69	0.70	0.48	0.45	0.25	0.27	0.76	0.06	7.9%
NC_550	20	4433	1.22	1.18	0.16	1.19	1.00	1.13	1.21	1.19	0.85	0.82	0.48	0.53	1.21	0.02	1.3%
NC_551	20	4399	1.81	1.79	0.16	1.80	1.29	1.62	1.84	1.77	1.38	1.33	0.79	0.88	1.84	0.03	1.9%
NC_552	20	4429	1.61	1.53	0.23	1.54	1.59	1.45	1.54	1.51	1.01	0.96	0.55	0.61	1.59	0.05	3.4%
NC_553	20	4433	1.44	1.39	0.15	1.40	1.32	1.31	1.42	1.40	0.92	0.90	0.52	0.59	1.42	0.02	1.2%
NC_554	20	4433	0.58	0.57	0.07	0.57	0.41	0.55	0.58	0.57	0.43	0.42	0.25	0.28	0.58	0.01	1.4%
NC_555	15	4401	7.43	7.19	0.72	7.23	7.30	6.06	7.12	6.82	4.44	4.34	2.48	2.76	7.30	0.07	0.9%
NC_556	20	4429	0.63	0.60	0.09	0.61	0.54	0.60	0.61	0.61	0.44	0.40	0.24	0.27	0.61	0.00	-0.3%
NC_557	20	4371	0.92	0.85	0.16	0.85	0.94	0.85	0.85	0.85	0.58	0.54	0.30	0.33	0.94	0.09	10.2%
NC_558	60	4558	33.82	33.41	1.81	33.43	14.10	23.00	23.53	23.54	32.33	32.18	26.85	26.76	32.33	-1.10	-3.3%
NC_559	15	4401	8.05	7.87	0.66	7.95	7.76	6.46	7.78	7.38	4.87	4.79	2.71	3.03	7.78	-0.17	-2.2%
NC_560	180	4651	7.17	7.27	0.71	7.43	1.94	3.56	3.57	3.57	6.46	6.87	7.43	6.21	7.43	0.00	0.0%
NC_561	15	4401	9.42	9.34	0.65	9.44	8.87	7.52	9.13	8.62	5.75	5.67	3.20	3.61	9.13	-0.31	-3.3%
NC_562	10	4364	1.59	1.60	0.15	1.61	1.61	1.35	1.36	1.36	0.91	0.85	0.47	0.52	1.61	0.00	-0.2%
NC_563	10	4364	1.14	1.15	0.11	1.16	1.16	1.04	1.04	1.04	0.71	0.66	0.37	0.41	1.16	0.00	0.0%
NC_564	20	4433	1.39	1.33	0.15	1.34	1.30	1.26	1.36	1.34	0.87	0.84	0.49	0.55	1.36	0.02	1.3%
NC_565	10	4364	0.91	0.90	0.09	0.91	0.91	0.77	0.75	0.76	0.52	0.48	0.26	0.28	0.91	0.00	0.1%
NC_566	10	4364	1.00	1.00	0.10	1.01	1.01	0.86	0.85	0.86	0.58	0.54	0.30	0.32	1.01	0.00	0.2%
NC_567	10	4364	0.86	0.86	0.09	0.87	0.87	0.75	0.74	0.74	0.51	0.47	0.26	0.28	0.87	0.00	-0.3%
NC_568	20	4433	0.67	0.64	0.10	0.64	0.62	0.64	0.64	0.64	0.45	0.41	0.24	0.27	0.64	0.00	-0.5%
NC_569	20	4429	0.75	0.72	0.09	0.73	0.73	0.65	0.73	0.70	0.47	0.45	0.26	0.29	0.73	0.00	0.4%
NC_570	20	4433	0.72	0.68	0.11	0.68	0.67	0.68	0.68	0.68	0.48	0.44	0.25	0.28	0.68	0.00	-0.1%
NC_571	120	4617	62.54	62.73	2.47	63.57	23.73	37.98	37.75	37.78	58.67	63.83	63.85	54.25	63.85	0.28	0.4%
NC_572	20	4433	1.15	1.12	0.13	1.12	0.97	1.08	1.14	1.12	0.79	0.77	0.46	0.51	1.14	0.01	1.3%
NC_573	15	4401	10.56	10.66	0.42	10.73	9.39	8.25	10.44	10.03	6.57	6.52	3.66	4.20	10.44	-0.29	-2.7%
NC_574	120	4499	101.98	101.74	9.02	104.06	40.09	65.69	66.27	66.34	100.16	104.06	102.42	91.46	104.06	0.00	0.0%
NC_575	25	4394	14.04	14.27	0.91	14.33	8.52	12.22	13.48	13.22	11.40	11.32	6.90	7.68	13.48	-0.85	-6.0%
NC_576	20	4371	0.80	0.74	0.14	0.74	0.80	0.74	0.73	0.74	0.51	0.47	0.26	0.29	0.80	0.06	8.6%
NC_577	60	4558	38.93	38.13	2.02	38.26	13.18	24.36	24.92	24.89	36.10	38.57	28.86	29.77	38.57	0.31	0.8%
NC_578	20	4433	0.67	0.63	0.10	0.63	0.60	0.63	0.63	0.63	0.45	0.41	0.24	0.27	0.63	0.00	0.5%
NC_579	20	4433	1.16	1.13	0.15	1.14	0.90	1.09	1.16	1.14	0.82	0.80	0.47	0.53	1.16	0.02	1.6%
NC_580	10	4364	1.00	0.99	0.09	1.00	1.00	0.86	0.80	0.84	0.55	0.51	0.28	0.30	1.00	-0.01	-0.5%
NC_581	25	4458	16.90	16.72	1.11	17.02	13.49	14.43	16.84	16.58	10.89	11.28	6.52	7.40	16.84	-0.18	-1.0%
NC_582	20	4433	0.54	0.53	0.07	0.54	0.39	0.52	0.54	0.54	0.40	0.39	0.23	0.26	0.54	0.00	0.4%
NC_583	20	4433	1.02	0.95	0.17	0.95	1.03	0.95	0.95	0.95	0.66	0.61	0.34	0.38	1.03	0.08	7.9%
NC_584	20	4371	0.80	0.74	0.14	0.74	0.81	0.74	0.73	0.74	0.51	0.47	0.26	0.29	0.81	0.07	8.8%
NC_585	60	4558	33.69	33.28	1.74	33.30	13.96	22.85	23.36	23.36	32.20	32.03	27.01	26.75	32.20	-1.10	-3.3%
NC_586	15	4407	11.69	11.76	0.36	11.80	10.12	9.47	11.64	11.32	7.30	7.31	4.13	4.72	11.64	-0.16	-1.4%
NC_587	60	4558	46.11	45.38	1.82	45.43	19.30	31.42	31.88	31.91	43.31	43.20	38.42	37.21	43.31	-2.12	-4.7%
NC_588	10	4364	2.65	2.67	0.20	2.69	2.69	2.18	2.34	2.29	1.49	1.43	0.81	0.89	2.69	0.00	-0.1%
NC_589	20	4433	1.25	1.20	0.16	1.21	1.03	1.16	1.24	1.21	0.87	0.84	0.49	0.55	1.24	0.03	2.1%
NC_590	20	4399	3.45	3.40	0.29	3.42	3.00	3.16	3.43	3.39	2.25	2.20	1.31	1.46	3.43	0.01	0.4%
NC_591	25	4458	17.18	17.06	0.89	17.40	12.60	14.92	16.74	16.59	11.20	11.91	6.99	7.91	16.74	-0.66	-3.8%
NC_592	20	4433	1.00	0.92	0.17	0.93	1.01	0.92	0.92	0.93	0.64	0.59	0.33	0.36	1.01	0.08	8.8%
NC_593	120	4499	102.03	101.76	9.00	104.07	40.06	65.65	66.23	66.29	100.16	104.07	102.50	91.48	104.07	0.00	0.0%
NC_594	20	4433	0.58	0.56	0.08	0.56	0.46	0.55	0.57	0.56	0.41	0.39	0.23	0.26	0.57	0.00	0.9%
NC_595	25	4394	13.30	13.52	0.90	13.56	8.15	11.62	12.82	12.57	10.76	10.61	6.45	7.17	12.82	-0.74	-5.4%
NC_596	20	4429	1.71	1.63	0.24	1.64	1.69	1.54	1.64	1.61	1.08	1.03	0.59	0.66	1.69	0.05	2.9%
NC_597	10	4357	0.96	0.94	0.08	0.95	0.95	0.85	0.76	0.81	0.52	0.48	0.26	0.29	0.95	0.00	0.0%
NC_598	120	4499	188.77	188.86	15.81	191.81	62.11	109.41	109.97	110.01	186.14	191.81	194.24	170.19	194.24	2.43	1.3%
NC_599	10	4364	1.83	1.84	0.14	1.85	1.85	1.51	1.60	1.57	1.03	0.98	0.56	0.61	1.85	0.00	-0.1%
NC_600	20	4367	12.91	13.10	0.92	13.20	10.84	10.84	12.92	12.72	8.11	8.18	4.65	5.32	12.92	-0.28	-2.1%
NC_601	120	4499	102.06	101.76	8.99	104.07	40.03	65.61	66.18	66.25	100.15	104.07	102.60	91.49	104.07	0.00	0.0%
NC_602	20	4429	2.62	2.52	0.33	2.55	2.51	2.34	2.55	2.49	1.68	1.61	0.93	1.04	2.55	0.00	0.2%
NC_603	120	4499	110.84	109.94	7.99	111.64	40.52	66.85	67.24	67.33	109.26	111.64	111.99	97.73	111.99	0.34	0.3%
NC_604	60	4558	142.87	142.43	3.34	142.59	51.82	90.60	91.21	91.31	145.08	150.36	140.80	127.44	150.36	7.77	5.4%
NC_605	120	4499	195.23	195.37	16.11	198.01	63.81	112.58	113.14	113.18	192.07	198.01	201.45	176.13	201.45	3.44	1.7%
NC_606	120	4499	110.78	109.87	7.97	111.60	40.41	66.75	67.10	67.20	109.02	111.60	112.13	97.79	112.13	0.53	0.5%
NC_607	120	4499	110.91	110.01	8.00	111.70	40.59	66.93	67.34	67.43	109.47	111.70	111.96	97.69	111.96	0.26	0.2%
NC_608	15	4401	14.44	14.47	0.52	14.55	12.64	11.58	14.33	13.88	8.99	9.11	5.15	5.86	14.33	-0.22	-1.5%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_609	25	4458	12.92	12.80	0.79	12.97	9.83	11.33	12.78	12.71	8.36	8.70	5.06	5.77	12.78	-0.19	-1.4%
NC_610	60	4558	142.65	142.18	3.29	142.34	51.56	90.42	91.00	91.10	144.96	150.23	141.20	127.64	150.23	7.89	5.5%
NC_611	10	4364	1.47	1.48	0.14	1.49	1.49	1.27	1.27	1.28	0.86	0.80	0.45	0.49	1.49	0.00	-0.1%
NC_612	20	4429	3.27	3.19	0.35	3.23	3.12	2.82	3.23	3.11	2.11	2.05	1.18	1.32	3.23	0.00	0.1%
NC_613	20	4429	1.80	1.70	0.25	1.72	1.82	1.61	1.72	1.69	1.12	1.07	0.61	0.68	1.82	0.10	5.5%
NC_614	20	4428	2.16	2.16	0.17	2.16	1.52	1.92	2.19	2.10	1.67	1.61	0.95	1.06	2.19	0.03	1.4%
NC_615	20	4429	0.72	0.68	0.11	0.68	0.66	0.67	0.68	0.68	0.47	0.44	0.25	0.28	0.68	0.00	0.4%
NC_616	120	4499	105.65	105.18	8.41	106.89	40.36	66.26	66.79	66.86	102.94	106.89	106.33	93.66	106.89	0.00	0.0%
NC_617	20	4433	0.99	0.93	0.16	0.93	0.98	0.92	0.92	0.93	0.64	0.60	0.34	0.37	0.98	0.05	5.8%
NC_618	10	4364	0.85	0.85	0.09	0.86	0.86	0.75	0.73	0.74	0.50	0.47	0.26	0.28	0.86	0.00	-0.2%
NC_619	60	4558	142.56	142.10	3.32	142.26	51.52	90.42	91.01	91.11	144.81	150.11	140.80	127.46	150.11	7.85	5.5%
NC_620	120	4499	188.71	188.75	15.84	191.84	62.14	109.47	110.03	110.06	186.18	191.84	194.03	170.05	194.03	2.19	1.1%
NC_621	120	4499	195.23	195.41	16.07	197.87	63.73	112.46	113.02	113.06	191.92	197.87	201.64	176.14	201.64	3.77	1.9%
NC_622	25	4464	0.93	0.93	0.08	0.93	0.55	0.86	0.92	0.90	0.77	0.73	0.45	0.50	0.92	-0.01	-1.4%
NC_623	120	4499	107.10	106.21	8.07	107.75	40.27	66.20	66.70	66.77	104.18	107.75	108.37	94.76	108.37	0.62	0.6%
NC_624	10	4364	1.00	1.00	0.10	1.00	1.00	0.85	0.82	0.84	0.56	0.53	0.29	0.31	1.00	0.00	0.4%
NC_625	25	4461	3.47	3.50	0.24	3.51	2.55	3.10	3.48	3.43	2.49	2.43	1.46	1.63	3.48	-0.03	-1.0%
NC_626	60	4558	46.25	45.52	1.86	45.56	19.45	31.59	32.07	32.10	43.38	43.31	38.27	37.23	43.38	-2.18	-4.8%
NC_627	20	4433	0.59	0.57	0.08	0.58	0.46	0.57	0.58	0.58	0.42	0.40	0.24	0.27	0.58	0.00	0.7%
NC_628	20	4433	0.59	0.57	0.08	0.58	0.49	0.57	0.58	0.58	0.42	0.39	0.23	0.26	0.58	0.00	-0.2%
NC_629	120	4499	106.19	105.58	8.26	107.18	40.35	66.26	66.79	66.85	103.44	107.18	107.05	94.00	107.18	0.00	0.0%
NC_630	20	4399	1.74	1.73	0.13	1.74	1.16	1.58	1.76	1.70	1.39	1.33	0.80	0.88	1.76	0.02	1.4%
NC_631	10	4364	0.97	0.95	0.08	0.96	0.96	0.85	0.76	0.82	0.52	0.49	0.26	0.29	0.96	-0.01	-0.5%
NC_632	10	4364	0.87	0.88	0.09	0.89	0.89	0.77	0.75	0.76	0.52	0.48	0.26	0.29	0.89	-0.01	-0.6%
NC_633	10	4364	0.91	0.91	0.09	0.92	0.92	0.78	0.77	0.77	0.53	0.49	0.27	0.29	0.92	0.00	0.0%
NC_634	25	4458	18.37	18.26	0.80	18.57	12.58	16.06	17.59	17.50	12.39	13.40	7.97	9.01	17.59	-0.98	-5.3%
NC_635	45	4534	26.32	26.13	1.25	26.58	16.14	22.63	24.14	24.02	26.27	26.66	20.18	20.64	26.66	0.08	0.3%
NC_636	20	4371	0.76	0.71	0.13	0.71	0.75	0.71	0.70	0.71	0.49	0.45	0.25	0.28	0.75	0.04	6.2%
NC_637	60	4558	34.01	33.49	1.45	33.51	13.77	22.72	23.17	23.17	32.38	32.22	28.43	27.38	32.38	-1.13	-3.4%
NC_638	10	4364	1.89	1.91	0.15	1.92	1.92	1.63	1.72	1.69	1.12	1.06	0.61	0.67	1.92	0.00	-0.2%
NC_639	25	4394	10.87	11.06	0.73	11.08	6.59	9.52	10.47	10.28	8.77	8.61	5.24	5.82	10.47	-0.61	-5.5%
NC_640	25	4464	0.88	0.88	0.06	0.88	0.48	0.80	0.85	0.84	0.75	0.70	0.44	0.48	0.85	-0.03	-3.3%
NC_641	10	4364	0.95	0.94	0.08	0.94	0.94	0.83	0.76	0.80	0.52	0.48	0.26	0.29	0.94	0.00	0.3%
NC_642	45	4533	16.07	16.05	0.57	16.25	8.16	12.54	12.88	12.88	12.94	13.40	9.64	10.40	13.40	-2.85	-17.6%
NC_643	10	4364	0.93	0.92	0.09	0.93	0.93	0.80	0.75	0.79	0.52	0.48	0.26	0.28	0.93	0.00	0.2%
NC_644	15	4401	14.99	14.89	0.95	15.03	13.57	12.33	14.93	14.24	9.68	9.52	5.39	6.07	14.93	-0.10	-0.7%
NC_645	20	4371	0.83	0.77	0.14	0.77	0.81	0.77	0.77	0.77	0.54	0.50	0.28	0.31	0.81	0.04	4.8%
NC_646	20	4433	0.54	0.53	0.07	0.54	0.39	0.52	0.54	0.54	0.40	0.39	0.23	0.26	0.54	0.00	0.4%
NC_647	10	4364	0.93	0.93	0.09	0.94	0.94	0.80	0.78	0.79	0.54	0.50	0.27	0.30	0.94	0.00	-0.2%
NC_648	20	4428	3.40	3.37	0.26	3.40	2.91	2.99	3.42	3.32	2.29	2.23	1.31	1.46	3.42	0.02	0.5%
NC_649	20	4399	2.25	2.22	0.20	2.22	1.93	2.06	2.24	2.21	1.47	1.45	0.85	0.95	2.24	0.02	1.0%
NC_650	120	4499	106.26	105.59	8.24	107.19	40.30	66.19	66.71	66.78	103.45	107.19	107.23	94.10	107.23	0.04	0.0%
NC_651	10	4364	1.24	1.25	0.12	1.26	1.26	1.10	1.10	1.11	0.75	0.70	0.39	0.43	1.26	0.00	-0.2%
NC_652	120	4499	186.63	185.68	16.28	191.18	62.09	109.32	109.88	109.92	185.59	191.18	190.92	168.25	191.18	0.00	0.0%
NC_653	20	4429	1.52	1.44	0.22	1.45	1.50	1.37	1.45	1.43	0.96	0.91	0.52	0.58	1.50	0.05	3.7%
NC_654	20	4429	1.64	1.56	0.22	1.58	1.59	1.48	1.58	1.55	1.05	1.00	0.57	0.64	1.59	0.01	0.7%
NC_655	20	4399	1.70	1.66	0.17	1.67	1.30	1.53	1.71	1.66	1.22	1.19	0.69	0.78	1.71	0.04	2.6%
NC_656	15	4401	12.95	12.82	0.89	12.95	11.85	10.69	12.92	12.28	8.37	8.23	4.65	5.24	12.92	-0.04	-0.3%
NC_657	120	4499	107.00	106.18	8.11	107.72	40.32	66.26	66.77	66.84	104.19	107.72	108.17	94.63	108.17	0.45	0.4%
NC_658	90	4395	162.40	164.05	9.10	164.64	59.41	99.48	100.00	100.09	164.64	169.18	159.48	144.43	169.18	4.54	2.8%
NC_659	20	4429	1.48	1.41	0.20	1.42	1.41	1.34	1.42	1.40	0.95	0.90	0.52	0.58	1.42	0.00	0.1%
NC_660	120	4499	106.30	105.60	8.23	107.20	40.27	66.16	66.68	66.75	103.46	107.20	107.29	94.12	107.29	0.09	0.1%
NC_661	20	4429	1.68	1.61	0.19	1.62	1.65	1.52	1.62	1.60	1.03	0.98	0.58	0.64	1.65	0.03	1.9%
NC_662	20	4433	1.31	1.28	0.14	1.29	0.95	1.21	1.32	1.29	0.98	0.95	0.57	0.63	1.32	0.02	1.9%
NC_663	20	4371	0.75	0.70	0.13	0.70	0.74	0.70	0.70	0.70	0.48	0.45	0.25	0.28	0.74	0.04	5.7%
NC_664	20	4367	2.30	2.23	0.26	2.26	2.19	2.01	2.27	2.19	1.48	1.44	0.83	0.92	2.27	0.01	0.3%
NC_665	20	4433	1.20	1.15	0.15	1.16	0.99	1.11	1.19	1.16	0.83	0.80	0.47	0.52	1.19	0.03	2.2%
NC_666	120	4499	186.73	185.80	16.32	191.37	62.17	109.44	110.00	110.04	185.75	191.37	190.94	168.23	191.37	0.00	0.0%
NC_667	20	4433	0.74	0.71	0.10	0.72	0.61	0.71	0.72	0.72	0.53	0.49	0.29	0.33	0.72	0.00	0.1%
NC_668	20	4433	0.61	0.60	0.09	0.60	0.48	0.59	0.61	0.60	0.44	0.42	0.25	0.28	0.61	0.01	0.8%
NC_669	20	4371	0.82	0.76	0.14	0.76	0.83	0.76	0.75	0.76	0.52	0.48	0.27	0.29	0.83	0.07	9.2%
NC_670	10	4364	0.96	0.96	0.10	0.97	0.97	0.84	0.83	0.83	0.57	0.53	0.29	0.32	0.97	0.00	-0.1%
NC_671	20	4433	0.73	0.70	0.10	0.71	0.60	0.70	0.71	0.71	0.51	0.48	0.29	0.32	0.71	0.00	-0.4%
NC_672	20	4429	1.98	1.91	0.23	1.94	1.88	1.74	1.94	1.88	1.27	1.23	0.71	0.79	1.94	0.00	0.2%
NC_673	10	4364	1.04	1.04	0.10	1.05	1.05	0.89	0.88	0.88	0.60	0.56	0.31	0.33	1.05	0.00	0.2%
NC_674	20	4371	0.76	0.70	0.13	0.70	0.75	0.70	0.70	0.70	0.48	0.45	0.25	0.28	0.75	0.05	7.1%
NC_675	20	4399	2.79	2.70	0.28	2.72	2.53	2.39	2.78	2.67	1.84	1.80	1.03	1.17	2.78	0.06	2.1%
NC_676	20	4433	1.92	1.84	0.22	1.84	1.72	1.70	1.90	1.84	1.27	1.23	0.71	0.80	1.90	0.06	3.2%
NC_677	10	4364	1.05	1.06	0.11	1.07	1.07	0.93	0.92	0.93	0.63	0.59	0.32	0.35	1.07	0.00	-0.3%
NC_678	25	4460	2.86	2.88	0.20	2.90	1.96	2.65	2.86	2.83	2.17	2.07	1.29	1.42	2.86	-0.04	-1.3%
NC_679	20	4399	4.50	4.38	0.46	4.39	4.09	3.83	4.49	4.29	2.96	2.90	1.65	1.86	4.49	0.10	2.3%
NC_680	20	4429	0.67	0.63	0.10	0.63	0.60	0.63	0.63	0.64	0.45	0.41	0.24	0.27	0.64	0.01	0.8%
NC_681	15	4401	9.15	9.01	0.68	9.11	8.50	7.46	9.09	8.64	5.84	5.75	3.25	3.66	9.09	-0.02	-0.2%
NC_682	20	4433	1.61	1.54	0.20	1.55	1.39	1.47	1.59	1.55	1.08	1.04	0.60	0.68	1.59	0.04	2.4%
NC_683	20	4433	0.56	0.55	0.07	0.55	0.41	0.54	0.56	0.55	0.41	0.40	0.24	0.26	0.56	0.01	1.6%
NC_684	20	4429	1.45	1.37	0.21	1.39	1.43	1.31	1.39	1.36	0.92	0.87	0.50	0.55	1.43	0.04	2.7%

ARR2019 Results for 1%AEP Event																	
Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_685	20	4433	0.65	0.61	0.09	0.62	0.56	0.61	0.63	0.62	0.43	0.40	0.23	0.26	0.63	0.01	1.1%
NC_686	45	4496	15.18	15.03	0.74	15.25	8.33	12.29	12.82	12.78	11.90	12.49	8.72	9.49	12.82	-2.44	-16.0%
NC_687	20	4429	5.72	5.73	0.42	5.76	4.59	4.85	5.76	5.55	4.02	3.94	2.28	2.56	5.76	0.00	0.0%
NC_688	20	4429	2.06	1.94	0.30	1.96	2.04	1.85	1.96	1.92	1.31	1.24	0.71	0.78	2.04	0.08	4.0%
NC_689	10	4364	0.83	0.84	0.09	0.84	0.84	0.76	0.76	0.76	0.52	0.48	0.27	0.30	0.84	0.00	0.2%
NC_690	25	4464	2.41	2.40	0.11	2.40	1.57	2.27	2.31	2.32	1.84	1.76	1.13	1.22	2.32	-0.08	-3.5%
NC_691	20	4433	0.73	0.71	0.10	0.71	0.59	0.70	0.72	0.71	0.52	0.49	0.29	0.33	0.72	0.01	0.7%
NC_692	20	4428	1.73	1.72	0.12	1.72	1.41	1.56	1.73	1.71	1.11	1.10	0.64	0.72	1.73	0.01	0.7%
NC_693	25	4464	3.27	3.26	0.17	3.26	2.31	3.02	3.19	3.15	2.60	2.43	1.61	1.73	3.19	-0.07	-2.3%
NC_694	20	4433	0.91	0.88	0.12	0.89	0.74	0.86	0.90	0.89	0.63	0.60	0.35	0.39	0.90	0.01	1.6%
NC_695	20	4399	1.95	1.93	0.17	1.93	1.68	1.81	1.94	1.92	1.29	1.26	0.76	0.84	1.94	0.01	0.6%
NC_696	90	4395	162.77	164.32	8.95	164.85	59.36	99.52	100.01	100.11	164.85	169.38	160.19	144.79	169.38	4.53	2.7%
NC_697	20	4429	1.40	1.35	0.16	1.36	1.33	1.27	1.36	1.34	0.88	0.85	0.49	0.55	1.36	0.00	-0.2%
NC_698	20	4433	0.62	0.60	0.07	0.61	0.44	0.59	0.62	0.61	0.46	0.44	0.27	0.30	0.62	0.01	0.8%
NC_699	10	4357	0.90	0.90	0.09	0.91	0.91	0.77	0.76	0.77	0.52	0.49	0.27	0.29	0.91	0.00	0.0%
NC_700	120	4499	186.56	185.31	16.46	191.52	62.27	109.58	110.15	110.19	185.91	191.52	190.28	168.01	191.52	0.00	0.0%
NC_701	20	4367	15.36	15.47	1.19	15.51	12.62	12.69	15.43	14.87	10.38	10.42	5.96	6.76	15.43	-0.08	-0.5%
NC_702	10	4364	0.84	0.85	0.09	0.86	0.86	0.75	0.73	0.74	0.50	0.47	0.26	0.28	0.86	0.00	-0.5%
NC_703	10	4364	0.87	0.88	0.09	0.88	0.88	0.76	0.75	0.75	0.51	0.48	0.26	0.29	0.88	0.00	0.5%
NC_704	20	4433	0.61	0.59	0.08	0.60	0.46	0.58	0.60	0.60	0.44	0.42	0.25	0.28	0.60	0.00	0.5%
NC_705	20	4433	0.76	0.74	0.10	0.74	0.57	0.73	0.75	0.74	0.56	0.53	0.32	0.36	0.75	0.01	1.2%
NC_706	15	4401	5.26	5.16	0.42	5.21	5.01	4.23	5.14	4.85	3.27	3.21	1.82	2.03	5.14	-0.07	-1.3%
NC_707	20	4429	1.67	1.57	0.24	1.58	1.68	1.50	1.58	1.56	1.04	0.99	0.56	0.62	1.68	0.10	6.6%
NC_708	20	4429	15.01	15.07	1.19	15.10	12.51	12.41	15.10	14.51	10.10	10.06	5.73	6.51	15.10	0.00	0.0%
NC_709	30	4498	10.87	10.71	0.77	10.95	6.71	9.42	10.11	10.05	7.97	8.52	5.34	6.00	10.11	-0.84	-7.7%
NC_710	25	4394	4.27	4.33	0.24	4.34	2.77	3.82	4.15	4.09	3.35	3.22	2.02	2.22	4.15	-0.19	-4.4%
NC_711	20	4429	0.66	0.63	0.10	0.63	0.59	0.63	0.63	0.63	0.45	0.41	0.24	0.27	0.63	0.00	0.0%
NC_712	20	4371	0.76	0.71	0.13	0.71	0.77	0.71	0.70	0.70	0.49	0.45	0.25	0.28	0.77	0.06	8.3%
NC_713	20	4433	1.30	1.25	0.16	1.26	1.09	1.20	1.29	1.26	0.90	0.86	0.51	0.57	1.29	0.03	2.1%
NC_714	120	4499	186.17	184.59	16.65	191.58	62.37	109.71	110.27	110.31	185.97	191.58	189.36	167.51	191.58	0.00	0.0%
NC_715	20	4399	1.87	1.84	0.18	1.84	1.44	1.69	1.89	1.83	1.35	1.32	0.77	0.86	1.89	0.05	2.7%
NC_716	20	4433	0.78	0.76	0.11	0.76	0.63	0.75	0.76	0.76	0.56	0.53	0.32	0.35	0.76	0.00	0.5%
NC_717	20	4433	1.31	1.24	0.17	1.25	1.20	1.20	1.28	1.25	0.86	0.82	0.47	0.53	1.28	0.03	2.1%
NC_718	20	4433	2.07	2.02	0.23	2.02	1.57	1.90	2.08	2.02	1.49	1.44	0.85	0.95	2.08	0.06	2.9%
NC_719	45	4496	4.28	4.29	0.27	4.34	1.83	2.67	2.71	2.71	3.11	3.01	2.60	2.68	3.11	-1.23	-28.2%
NC_720	20	4399	3.43	3.41	0.30	3.42	2.58	3.05	3.48	3.35	2.55	2.47	1.45	1.63	3.48	0.06	1.7%
NC_721	20	4371	0.80	0.73	0.14	0.74	0.81	0.74	0.73	0.73	0.50	0.47	0.26	0.28	0.81	0.07	8.9%
NC_722	20	4429	1.44	1.38	0.20	1.39	1.36	1.32	1.39	1.37	0.94	0.88	0.51	0.57	1.39	0.00	-0.4%
NC_723	20	4433	1.24	1.19	0.14	1.19	1.14	1.14	1.21	1.19	0.83	0.79	0.47	0.53	1.21	0.02	1.6%
NC_724	20	4429	0.85	0.81	0.12	0.81	0.76	0.80	0.81	0.81	0.58	0.53	0.31	0.35	0.81	0.00	0.1%
NC_725	25	4458	11.01	10.92	0.45	10.95	7.13	9.65	10.48	10.39	8.00	8.45	5.18	5.82	10.48	-0.47	-4.3%
NC_726	20	4433	0.56	0.54	0.08	0.55	0.43	0.53	0.55	0.55	0.40	0.38	0.23	0.25	0.55	0.00	0.4%
NC_727	20	4371	0.72	0.67	0.12	0.67	0.69	0.67	0.67	0.67	0.47	0.43	0.24	0.27	0.69	0.02	3.3%
NC_728	20	4429	0.82	0.78	0.12	0.79	0.73	0.78	0.79	0.79	0.56	0.52	0.30	0.34	0.79	0.00	-0.4%
NC_729	20	4429	13.22	13.17	1.14	13.23	11.53	10.97	13.23	12.66	8.82	8.67	4.91	5.56	13.23	0.00	0.0%
NC_730	90	4395	168.30	170.03	9.11	170.66	59.76	100.34	100.83	100.93	170.66	175.54	165.71	149.43	175.54	4.88	2.9%
NC_731	20	4371	0.77	0.71	0.13	0.71	0.78	0.71	0.70	0.71	0.49	0.45	0.25	0.28	0.78	0.07	9.2%
NC_732	90	4395	185.37	186.02	8.45	186.06	62.52	109.86	110.43	110.47	186.06	191.62	187.35	166.44	191.62	5.56	3.0%
NC_733	20	4433	1.35	1.31	0.14	1.32	1.19	1.25	1.34	1.32	0.88	0.87	0.51	0.57	1.34	0.02	1.2%
NC_734	20	4371	0.77	0.71	0.13	0.71	0.76	0.71	0.71	0.71	0.49	0.45	0.25	0.28	0.76	0.05	7.2%
NC_735	10	4364	0.86	0.86	0.08	0.87	0.87	0.74	0.75	0.75	0.50	0.47	0.26	0.28	0.87	0.00	-0.3%
NC_736	10	4364	1.88	1.89	0.17	1.90	1.90	1.63	1.65	1.65	1.10	1.03	0.58	0.63	1.90	0.00	0.1%
NC_737	15	4401	4.52	4.37	0.45	4.41	4.46	3.71	4.37	4.16	2.80	2.71	1.55	1.72	4.46	0.05	1.1%
NC_738	20	4433	0.55	0.54	0.07	0.54	0.41	0.53	0.55	0.54	0.40	0.38	0.23	0.25	0.55	0.01	1.3%
NC_739	10	4364	1.00	1.01	0.10	1.02	1.02	0.90	0.89	0.90	0.61	0.57	0.32	0.35	1.02	0.00	-0.2%
NC_740	45	4496	10.15	10.13	0.46	10.15	5.06	8.23	8.38	8.40	8.32	8.64	5.62	6.23	8.64	-1.52	-14.9%
NC_741	120	4499	185.30	183.69	16.92	191.29	62.36	109.63	110.21	110.25	185.72	191.29	187.79	166.55	191.29	0.00	0.0%
NC_742	10	4364	2.31	2.33	0.13	2.34	2.34	1.97	2.19	2.13	1.39	1.35	0.77	0.85	2.34	0.00	-0.2%
NC_743	20	4433	0.72	0.69	0.11	0.69	0.66	0.69	0.69	0.69	0.49	0.45	0.26	0.29	0.69	0.00	-0.3%
NC_744	25	4394	8.27	8.41	0.76	8.44	5.84	7.29	8.29	8.02	6.54	6.37	3.83	4.28	8.29	-0.15	-1.8%
NC_745	20	4399	10.49	10.40	0.93	10.49	9.22	8.78	10.51	9.99	6.95	6.82	3.86	4.38	10.51	0.02	0.2%
NC_746	10	4364	0.79	0.79	0.08	0.80	0.80	0.72	0.71	0.72	0.49	0.46	0.25	0.28	0.80	0.00	0.1%
NC_747	20	4429	1.45	1.39	0.17	1.40	1.40	1.32	1.40	1.39	0.90	0.86	0.50	0.56	1.40	0.00	0.0%
NC_748	20	4371	0.72	0.67	0.12	0.67	0.68	0.67	0.67	0.67	0.47	0.43	0.25	0.27	0.68	0.01	1.6%
NC_749	25	4466	7.86	7.84	0.46	7.87	5.70	6.94	7.74	7.62	5.56	5.60	3.41	3.83	7.74	-0.13	-1.7%
NC_750	90	4395	187.16	189.06	10.50	190.08	68.53	113.26	114.25	114.18	190.08	195.09	182.66	165.91	195.09	5.01	2.6%
NC_751	10	4364	0.81	0.82	0.09	0.83	0.83	0.73	0.72	0.73	0.50	0.46	0.25	0.28	0.83	-0.01	-0.6%
NC_752	10	4364	1.63	1.64	0.13	1.65	1.65	1.41	1.49	1.47	0.97	0.92	0.52	0.58	1.65	0.00	-0.2%
NC_753	20	4433	1.05	0.98	0.17	0.98	1.06	0.97	0.97	0.98	0.67	0.62	0.35	0.39	1.06	0.08	8.0%
NC_754	25	4464	1.17	1.17	0.06	1.17	0.67	1.07	1.11	1.10	1.02	0.96	0.62	0.67	1.11	-0.06	-5.4%
NC_755	20	4433	1.23	1.18	0.14	1.19	1.08	1.15	1.20	1.19	0.86	0.82	0.49	0.55	1.20	0.01	0.5%
NC_756	90	4395	187.35	189.31	10.58	190.38	68.85	113.39	114.46	114.38	190.38	195.32	182.55	165.95	195.32	4.94	2.6%
NC_757	20	4429	0.65	0.62	0.10	0.62	0.57	0.61	0.62	0.62	0.44	0.40	0.23	0.26	0.62	0.00	-0.3%
NC_758	20	4371	0.71	0.67	0.12	0.67	0.68	0.67	0.66	0.67	0.47	0.43	0.24	0.27	0.68	0.01	1.5%
NC_759	10	4364	0.94	0.95	0.10	0.95	0.95	0.83	0.82	0.82	0.56	0.52	0.29	0.31	0.95	0.00	0.3%
NC_760	10	4364	3.91	3.93	0.23	3.95	3.95	3.34	3.69	3.59	2.40	2.30	1.31	1.45	3.95	0.00	-0.1%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_761	20	4433	0.58	0.56	0.08	0.57	0.46	0.56	0.57	0.57	0.41	0.39	0.23	0.26	0.57	0.00	-0.2%
NC_762	20	4399	1.37	1.34	0.13	1.35	1.14	1.24	1.37	1.34	0.91	0.89	0.52	0.58	1.37	0.02	1.3%
NC_763	20	4399	2.19	2.17	0.20	2.18	1.62	1.96	2.22	2.14	1.63	1.58	0.93	1.03	2.22	0.04	1.9%
NC_764	20	4433	0.61	0.59	0.09	0.59	0.50	0.58	0.59	0.59	0.43	0.40	0.23	0.26	0.59	0.00	0.2%
NC_765	20	4429	1.87	1.90	0.09	1.90	1.34	1.68	1.90	1.87	1.31	1.29	0.76	0.85	1.90	0.00	-0.2%
NC_766	10	4364	2.07	2.09	0.15	2.10	2.10	1.78	1.91	1.87	1.24	1.18	0.68	0.74	2.10	0.00	-0.1%
NC_767	60	4558	17.28	16.97	0.83	16.99	6.87	11.90	12.08	12.06	15.31	15.38	12.65	12.76	15.38	-1.61	-9.5%
NC_768	10	4364	0.84	0.84	0.09	0.85	0.85	0.74	0.73	0.74	0.50	0.47	0.26	0.28	0.85	0.00	-0.1%
NC_769	30	4498	7.63	7.50	0.62	7.68	4.66	6.50	7.10	7.03	5.95	6.35	3.94	4.39	7.10	-0.58	-7.5%
NC_770	90	4395	186.96	188.81	10.44	189.81	68.28	113.16	114.08	114.03	189.81	194.85	182.67	165.86	194.85	5.04	2.7%
NC_771	10	4364	1.17	1.18	0.12	1.19	1.19	1.05	1.05	1.05	0.71	0.67	0.37	0.41	1.19	0.00	-0.3%
NC_772	20	4371	0.77	0.71	0.13	0.72	0.78	0.72	0.71	0.71	0.49	0.45	0.25	0.28	0.78	0.06	8.3%
NC_773	20	4433	0.67	0.64	0.10	0.64	0.62	0.64	0.64	0.64	0.45	0.42	0.24	0.27	0.64	0.00	0.0%
NC_774	10	4364	4.05	4.07	0.24	4.09	4.09	3.47	3.81	3.71	2.46	2.36	1.35	1.50	4.09	0.00	-0.1%
NC_775	10	4364	1.20	1.21	0.12	1.22	1.22	1.10	1.10	1.10	0.75	0.70	0.39	0.43	1.22	0.00	0.0%
NC_776	20	4433	1.04	1.01	0.12	1.02	0.79	0.97	1.04	1.02	0.78	0.75	0.45	0.51	1.04	0.02	2.0%
NC_777	25	4466	7.26	7.23	0.43	7.27	4.93	6.23	7.02	6.90	5.55	5.70	3.48	3.87	7.02	-0.25	-3.4%
NC_778	10	4364	0.79	0.80	0.08	0.81	0.81	0.73	0.72	0.72	0.50	0.46	0.25	0.28	0.81	0.00	-0.2%
NC_779	25	4394	8.13	8.23	0.50	8.28	5.66	7.24	7.98	7.86	6.77	6.47	4.27	4.63	7.98	-0.30	-3.6%
NC_780	30	4498	5.30	5.19	0.48	5.27	3.59	4.65	5.09	5.01	4.59	4.47	2.94	3.20	5.09	-0.18	-3.5%
NC_781	20	4399	1.13	1.12	0.09	1.12	0.72	1.05	1.14	1.12	0.89	0.86	0.52	0.58	1.14	0.02	1.6%
NC_782	10	4364	1.19	1.20	0.12	1.21	1.21	1.04	1.03	1.04	0.70	0.66	0.36	0.40	1.21	0.00	-0.1%
NC_783	20	4433	1.28	1.22	0.16	1.23	1.10	1.18	1.25	1.23	0.86	0.83	0.48	0.54	1.25	0.02	1.9%
NC_784	15	4401	4.52	4.36	0.48	4.40	4.40	3.78	4.41	4.18	2.85	2.76	1.56	1.75	4.41	0.01	0.1%
NC_785	20	4399	3.58	3.56	0.31	3.57	2.62	3.23	3.63	3.52	2.74	2.65	1.57	1.75	3.63	0.06	1.8%
NC_786	10	4364	0.88	0.88	0.09	0.89	0.89	0.78	0.77	0.77	0.53	0.49	0.27	0.30	0.89	0.00	-0.1%
NC_787	25	4394	7.34	7.46	0.59	7.58	5.55	6.30	7.32	7.12	5.57	5.52	3.33	3.70	7.32	-0.26	-3.4%
NC_788	20	4433	0.62	0.61	0.08	0.61	0.48	0.60	0.62	0.61	0.45	0.43	0.26	0.29	0.62	0.01	1.1%
NC_789	60	4558	17.35	17.04	0.88	17.05	6.95	12.02	12.20	12.19	15.36	15.45	12.48	12.74	15.45	-1.60	-9.4%
NC_790	20	4429	0.95	0.88	0.15	0.88	0.96	0.85	0.88	0.87	0.59	0.55	0.31	0.34	0.96	0.08	9.0%
NC_791	10	4364	1.60	1.61	0.12	1.62	1.62	1.39	1.48	1.45	0.96	0.91	0.52	0.57	1.62	0.00	-0.2%
NC_792	20	4429	5.15	5.01	0.57	5.07	4.94	4.39	5.07	4.83	3.29	3.20	1.82	2.05	5.07	0.00	0.0%
NC_793	15	4401	2.62	2.51	0.31	2.52	2.64	2.23	2.51	2.43	1.58	1.54	0.88	0.97	2.64	0.12	4.9%
NC_794	20	4399	6.33	6.22	0.63	6.23	5.79	5.28	6.32	5.97	4.15	4.06	2.29	2.60	6.32	0.09	1.4%
NC_795	10	4357	0.95	0.95	0.09	0.95	0.95	0.81	0.78	0.80	0.53	0.50	0.27	0.29	0.95	0.00	0.3%
NC_796	25	4464	1.18	1.17	0.09	1.18	0.71	1.08	1.16	1.14	0.99	0.93	0.59	0.64	1.16	-0.02	-1.8%
NC_797	20	4428	5.74	5.64	0.51	5.65	5.14	4.92	5.75	5.49	4.07	3.94	2.31	2.58	5.75	0.10	1.8%
NC_798	20	4429	0.80	0.77	0.11	0.77	0.69	0.76	0.77	0.77	0.56	0.52	0.31	0.34	0.77	0.00	0.3%
NC_799	20	4371	0.78	0.72	0.13	0.72	0.79	0.72	0.71	0.71	0.49	0.46	0.25	0.28	0.79	0.07	9.7%
NC_800	20	4433	0.67	0.64	0.10	0.65	0.57	0.64	0.65	0.65	0.46	0.43	0.25	0.28	0.65	0.00	0.5%
NC_801	20	4433	0.60	0.58	0.08	0.59	0.46	0.58	0.60	0.59	0.44	0.42	0.25	0.28	0.60	0.01	1.0%
NC_802	20	4399	2.06	1.99	0.20	2.01	1.91	1.78	2.04	1.98	1.30	1.28	0.73	0.82	2.04	0.03	1.6%
NC_803	45	4528	3.01	2.99	0.26	3.03	2.05	2.69	2.75	2.74	2.72	2.61	1.74	1.86	2.75	-0.28	-9.4%
NC_804	10	4364	1.94	1.96	0.14	1.97	1.97	1.68	1.79	1.76	1.16	1.10	0.63	0.69	1.97	0.00	-0.2%
NC_805	10	4364	3.95	3.97	0.25	3.99	3.99	3.43	3.75	3.65	2.46	2.35	1.33	1.47	3.99	0.00	0.1%
NC_806	10	4364	0.95	0.96	0.10	0.97	0.97	0.88	0.87	0.88	0.60	0.56	0.31	0.34	0.97	0.00	-0.2%
NC_807	10	4364	0.91	0.92	0.09	0.92	0.92	0.81	0.80	0.81	0.55	0.51	0.28	0.31	0.92	0.00	0.4%
NC_808	20	4433	0.54	0.53	0.07	0.53	0.40	0.51	0.54	0.53	0.39	0.38	0.23	0.25	0.54	0.01	1.3%
NC_809	20	4429	1.50	1.42	0.20	1.43	1.50	1.32	1.43	1.40	0.91	0.88	0.51	0.56	1.50	0.07	5.1%
NC_810	20	4433	0.64	0.61	0.09	0.62	0.53	0.60	0.63	0.62	0.44	0.41	0.24	0.27	0.63	0.01	1.3%
NC_811	20	4429	0.69	0.66	0.10	0.66	0.59	0.66	0.66	0.66	0.48	0.44	0.26	0.29	0.66	0.00	0.6%
NC_812	10	4364	0.96	0.97	0.10	0.98	0.98	0.86	0.85	0.86	0.58	0.54	0.30	0.33	0.98	0.00	-0.4%
NC_813	10	4357	0.79	0.80	0.08	0.81	0.81	0.73	0.72	0.72	0.50	0.46	0.26	0.28	0.81	0.00	-0.4%
NC_814	20	4399	4.39	4.29	0.40	4.31	3.85	3.82	4.39	4.20	3.17	3.05	1.80	2.01	4.39	0.08	1.9%
NC_815	60	4558	17.29	17.00	0.97	17.01	7.00	12.09	12.28	12.27	15.35	15.44	12.14	12.54	15.44	-1.57	-9.2%
NC_816	20	4371	0.77	0.71	0.13	0.71	0.78	0.71	0.71	0.71	0.49	0.45	0.25	0.28	0.78	0.07	10.0%
NC_817	10	4364	0.93	0.94	0.10	0.95	0.95	0.82	0.81	0.82	0.56	0.52	0.28	0.31	0.95	0.00	-0.4%
NC_818	10	4364	0.87	0.88	0.09	0.89	0.89	0.77	0.76	0.77	0.52	0.49	0.27	0.29	0.89	0.00	-0.3%
NC_819	10	4364	0.94	0.94	0.09	0.95	0.95	0.81	0.79	0.80	0.54	0.51	0.28	0.30	0.95	0.00	0.1%
NC_820	10	4364	0.83	0.84	0.09	0.84	0.84	0.74	0.73	0.74	0.50	0.47	0.26	0.28	0.84	0.00	0.4%
NC_821	10	4364	0.91	0.91	0.09	0.92	0.92	0.83	0.83	0.83	0.57	0.53	0.29	0.32	0.92	0.00	0.1%
NC_822	10	4364	0.91	0.91	0.09	0.92	0.92	0.80	0.79	0.80	0.54	0.50	0.28	0.30	0.92	0.00	0.1%
NC_823	20	4429	0.63	0.60	0.09	0.61	0.53	0.60	0.61	0.61	0.44	0.40	0.24	0.27	0.61	0.00	-0.5%
NC_824	20	4399	3.87	3.73	0.39	3.74	3.46	3.46	3.84	3.72	2.76	2.65	1.57	1.75	3.84	0.10	2.6%
NC_825	20	4433	0.85	0.83	0.12	0.84	0.68	0.82	0.84	0.84	0.63	0.59	0.36	0.40	0.84	0.00	0.0%
NC_826	20	4371	0.82	0.75	0.14	0.76	0.83	0.76	0.75	0.75	0.52	0.48	0.27	0.29	0.83	0.07	9.2%
NC_827	60	4558	16.92	16.67	1.11	16.68	6.99	12.06	12.26	12.25	15.11	15.19	11.53	12.07	15.19	-1.49	-9.0%
NC_828	20	4433	1.26	1.22	0.14	1.23	1.09	1.17	1.24	1.23	0.85	0.82	0.49	0.54	1.24	0.01	0.7%
NC_829	45	4528	2.58	2.58	0.20	2.61	1.49	2.18	2.20	2.21	2.30	2.26	1.47	1.60	2.30	-0.31	-12.0%
NC_830	20	4433	2.53	2.45	0.27	2.46	2.14	2.35	2.51	2.46	1.86	1.79	1.08	1.20	2.51	0.05	1.9%
NC_831	20	4371	0.78	0.72	0.13	0.72	0.79	0.72	0.71	0.72	0.49	0.46	0.25	0.28	0.79	0.07	9.7%
NC_832	30	4498	2.33	2.32	0.15	2.34	1.36	2.06	2.12	2.12	2.03	1.95	1.25	1.36	2.12	-0.22	-9.4%
NC_833	20	4371	0.72	0.68	0.12	0.68	0.69	0.68	0.68	0.68	0.48	0.44	0.25	0.28	0.69	0.01	1.3%
NC_834	45	4534	16.97	17.01	0.53	17.10	7.10	12.20	12.41	12.39	15.24	15.28	11.33	12.01	15.28	-1.82	-10.7%
NC_835	20	4433	1.12	1.09	0.11	1.10	0.86	1.08	1.11	1.10	0.89	0.85	0.53	0.58	1.11	0.01	0.6%
NC_836	20	4433	0.67	0.65	0.08	0.65	0.59	0.61	0.66	0.65	0.44	0.43	0.25	0.28	0.66	0.01	2.0%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_837	20	4433	0.58	0.56	0.08	0.56	0.46	0.55	0.57	0.57	0.41	0.39	0.23	0.26	0.57	0.01	1.4%
NC_838	20	4433	0.64	0.61	0.08	0.62	0.55	0.58	0.63	0.62	0.43	0.42	0.24	0.27	0.63	0.01	1.8%
NC_839	45	4534	16.02	16.05	0.50	16.11	6.68	11.51	11.69	11.68	14.30	14.34	10.51	11.19	14.34	-1.77	-11.0%
NC_840	25	4460	2.03	2.05	0.15	2.06	1.25	1.82	1.99	1.95	1.68	1.59	0.99	1.09	1.99	-0.07	-3.3%
NC_841	20	4429	0.74	0.71	0.11	0.71	0.64	0.70	0.71	0.71	0.51	0.47	0.28	0.31	0.71	0.00	-0.1%
NC_842	45	4528	2.21	2.20	0.20	2.25	1.20	1.87	1.95	1.94	1.99	1.90	1.25	1.34	1.99	-0.26	-11.6%
NC_843	20	4433	1.07	1.05	0.10	1.06	0.79	1.01	1.07	1.06	0.81	0.78	0.48	0.53	1.07	0.01	0.9%
NC_844	20	4371	0.85	0.80	0.14	0.80	0.84	0.80	0.79	0.80	0.55	0.51	0.29	0.32	0.84	0.04	5.5%
NC_845	45	4534	16.05	16.11	0.55	16.18	6.69	11.52	11.69	11.68	14.35	14.30	10.33	11.11	14.35	-1.84	-11.3%
NC_846	20	4404	3.05	3.04	0.23	3.04	2.50	2.74	3.07	3.00	2.18	2.11	1.26	1.40	3.07	0.03	1.1%
NC_847	25	4461	3.92	3.93	0.18	3.93	2.48	3.47	3.74	3.71	3.07	3.01	1.87	2.07	3.74	-0.19	-4.7%
NC_848	20	4433	0.69	0.66	0.10	0.67	0.59	0.66	0.67	0.67	0.48	0.44	0.26	0.29	0.67	0.00	-0.1%
NC_849	20	4433	0.57	0.55	0.08	0.56	0.44	0.55	0.56	0.56	0.41	0.39	0.23	0.26	0.56	0.00	0.7%
NC_850	45	4528	2.56	2.54	0.21	2.57	1.76	2.37	2.45	2.45	2.36	2.22	1.54	1.62	2.45	-0.12	-4.6%
NC_851	45	4534	13.05	13.06	0.44	13.09	5.46	9.52	9.68	9.66	11.35	11.54	8.25	8.88	11.54	-1.55	-11.8%
NC_852	25	4464	0.95	0.95	0.07	0.96	0.54	0.88	0.93	0.92	0.81	0.77	0.48	0.53	0.93	-0.03	-3.4%
NC_853	10	4364	0.84	0.85	0.09	0.86	0.86	0.77	0.76	0.76	0.52	0.49	0.27	0.29	0.86	0.00	-0.5%
NC_854	25	4394	3.15	3.21	0.21	3.21	2.17	2.81	3.12	3.08	2.42	2.33	1.43	1.58	3.12	-0.09	-2.9%
NC_855	20	4429	1.28	1.22	0.18	1.22	1.21	1.20	1.22	1.22	0.87	0.80	0.47	0.53	1.22	0.00	-0.1%
NC_856	20	4433	1.10	1.09	0.10	1.09	0.78	1.05	1.10	1.09	0.88	0.84	0.52	0.57	1.10	0.01	1.0%
NC_857	10	4357	0.86	0.86	0.09	0.87	0.87	0.77	0.76	0.76	0.52	0.49	0.27	0.29	0.87	0.00	0.0%
NC_858	30	4500	2.15	2.15	0.14	2.17	1.69	2.06	2.11	2.11	1.93	1.79	1.23	1.30	2.11	-0.06	-2.6%
NC_859	20	4433	0.61	0.58	0.09	0.59	0.51	0.58	0.59	0.59	0.42	0.39	0.23	0.26	0.59	0.00	-0.2%
NC_860	45	4496	10.00	9.95	0.27	10.06	4.29	7.34	7.50	7.49	8.46	8.78	6.25	6.75	8.78	-1.29	-12.8%
NC_861	10	4364	0.82	0.83	0.09	0.84	0.84	0.74	0.73	0.74	0.50	0.47	0.26	0.28	0.84	0.00	-0.4%
NC_862	25	4464	1.67	1.65	0.11	1.67	1.25	1.61	1.62	1.63	1.45	1.35	0.90	0.97	1.63	-0.04	-2.5%
NC_863	45	4496	9.34	9.31	0.32	9.38	4.18	7.06	7.24	7.23	7.79	8.14	5.63	6.13	8.14	-1.24	-13.3%
NC_864	20	4371	0.83	0.76	0.14	0.76	0.84	0.76	0.76	0.76	0.52	0.48	0.27	0.30	0.84	0.08	10.1%
NC_865	20	4433	1.06	1.05	0.09	1.05	0.77	1.00	1.06	1.05	0.80	0.77	0.47	0.52	1.06	0.01	1.3%
NC_866	20	4429	0.65	0.62	0.10	0.62	0.58	0.62	0.62	0.62	0.44	0.41	0.24	0.26	0.62	0.00	0.6%
NC_867	20	4433	1.35	1.33	0.14	1.33	1.13	1.25	1.35	1.33	0.92	0.90	0.53	0.59	1.35	0.02	1.3%
NC_868	45	4534	5.56	5.54	0.29	5.60	2.72	4.50	4.64	4.62	4.49	4.63	3.00	3.32	4.64	-0.96	-17.2%
NC_869	45	4496	3.77	3.75	0.16	3.75	1.73	2.89	3.01	2.99	3.14	3.32	2.24	2.46	3.32	-0.43	-11.5%
NC_870	45	4496	3.88	3.86	0.12	3.90	1.69	2.89	2.98	2.97	3.26	3.46	2.42	2.63	3.46	-0.44	-11.4%
NC_871	20	4433	1.01	0.99	0.10	1.00	0.74	0.96	1.01	1.00	0.76	0.74	0.45	0.50	1.01	0.00	0.5%
NC_872	45	4534	3.89	3.86	0.20	3.87	2.07	3.24	3.37	3.36	3.07	3.20	2.02	2.24	3.37	-0.50	-12.8%
NC_873	25	4464	1.68	1.67	0.12	1.68	1.11	1.56	1.67	1.65	1.35	1.27	0.81	0.88	1.67	-0.01	-0.7%
NC_874	20	4433	0.70	0.66	0.11	0.66	0.66	0.66	0.66	0.66	0.46	0.43	0.24	0.27	0.66	0.00	0.5%
NC_875	45	4534	3.60	3.58	0.21	3.65	1.79	2.90	3.05	3.03	3.00	3.14	2.02	2.23	3.14	-0.52	-14.1%
NC_876	30	4498	3.21	3.20	0.22	3.27	1.94	2.76	2.96	2.94	2.40	2.51	1.55	1.72	2.96	-0.32	-9.6%
NC_877	30	4498	3.43	3.41	0.25	3.46	1.87	2.91	3.09	3.07	2.89	2.91	1.85	2.03	3.09	-0.37	-10.6%
NC_878	20	4433	1.29	1.25	0.14	1.26	1.12	1.21	1.27	1.26	0.88	0.86	0.51	0.57	1.27	0.01	1.0%
NC_879	25	4461	3.10	3.08	0.16	3.08	2.09	2.72	3.00	2.96	2.26	2.26	1.37	1.53	3.00	-0.08	-2.7%
NC_880	45	4528	1.23	1.22	0.12	1.25	0.57	1.04	1.08	1.07	1.11	1.05	0.68	0.74	1.11	-0.15	-11.6%
NC_881	10	4364	0.88	0.89	0.09	0.90	0.90	0.79	0.78	0.78	0.53	0.50	0.27	0.30	0.90	-0.01	-0.6%
NC_882	20	4433	0.79	0.76	0.11	0.76	0.65	0.75	0.77	0.76	0.56	0.52	0.31	0.35	0.77	0.01	0.7%
NC_883	25	4461	3.33	3.38	0.17	3.38	1.99	2.94	3.17	3.13	2.76	2.64	1.67	1.83	3.17	-0.21	-6.2%
NC_884	20	4371	0.80	0.74	0.13	0.74	0.80	0.74	0.74	0.74	0.51	0.48	0.27	0.29	0.80	0.06	7.6%
NC_885	10	4364	0.83	0.83	0.09	0.84	0.84	0.74	0.73	0.74	0.50	0.47	0.26	0.28	0.84	0.00	0.0%
NC_886	20	4399	2.50	2.48	0.19	2.49	2.16	2.25	2.51	2.46	1.66	1.63	0.96	1.07	2.51	0.01	0.6%
NC_887	20	4433	1.36	1.30	0.15	1.30	1.26	1.24	1.32	1.30	0.87	0.84	0.49	0.55	1.32	0.02	1.5%
NC_888	20	4371	0.80	0.74	0.13	0.74	0.79	0.74	0.74	0.74	0.51	0.47	0.26	0.29	0.79	0.05	7.3%
NC_889	20	4433	0.57	0.55	0.08	0.56	0.44	0.54	0.56	0.56	0.41	0.39	0.23	0.26	0.56	0.00	0.0%
NC_890	25	4464	1.55	1.55	0.12	1.55	0.92	1.42	1.52	1.50	1.30	1.23	0.77	0.84	1.52	-0.03	-2.1%
NC_891	20	4433	0.59	0.57	0.08	0.58	0.48	0.57	0.58	0.58	0.42	0.39	0.23	0.26	0.58	0.00	-0.3%
NC_892	20	4433	0.63	0.61	0.09	0.61	0.54	0.60	0.61	0.61	0.44	0.41	0.24	0.27	0.61	0.00	0.3%
NC_893	20	4433	0.75	0.73	0.10	0.74	0.58	0.72	0.74	0.74	0.55	0.52	0.32	0.35	0.74	0.00	0.1%
NC_894	20	4429	0.81	0.78	0.11	0.79	0.69	0.78	0.79	0.79	0.57	0.53	0.32	0.35	0.79	0.00	-0.5%
NC_895	20	4433	0.56	0.54	0.08	0.55	0.43	0.53	0.55	0.55	0.40	0.38	0.23	0.25	0.55	0.00	0.2%
NC_896	20	4433	0.56	0.54	0.07	0.55	0.40	0.53	0.56	0.55	0.41	0.39	0.24	0.26	0.56	0.01	0.9%
NC_897	20	4433	0.58	0.56	0.08	0.57	0.46	0.56	0.57	0.57	0.41	0.39	0.23	0.26	0.57	0.00	0.2%
NC_898	25	4460	1.81	1.83	0.13	1.83	0.99	1.60	1.74	1.70	1.51	1.44	0.89	0.98	1.74	-0.09	-5.0%
NC_899	20	4433	0.64	0.63	0.08	0.64	0.46	0.61	0.64	0.64	0.48	0.46	0.28	0.31	0.64	0.00	0.3%
NC_900	25	4460	1.11	1.11	0.10	1.11	0.72	1.05	1.10	1.09	0.93	0.88	0.55	0.60	1.10	-0.01	-0.5%
NC_901	20	4429	0.68	0.65	0.10	0.66	0.59	0.65	0.66	0.66	0.47	0.43	0.25	0.29	0.66	0.00	-0.6%
NC_902	20	4433	1.10	1.08	0.11	1.09	0.84	1.04	1.10	1.09	0.82	0.79	0.48	0.53	1.10	0.01	0.7%
NC_903	25	4460	2.34	2.34	0.19	2.34	1.49	2.14	2.30	2.27	1.92	1.83	1.13	1.25	2.30	-0.04	-1.6%
NC_904	10	4364	0.81	0.82	0.09	0.83	0.83	0.73	0.72	0.73	0.50	0.46	0.25	0.28	0.83	-0.01	-0.6%
NC_905	30	4498	2.34	2.32	0.21	2.34	1.30	2.04	2.19	2.16	2.02	1.92	1.22	1.33	2.19	-0.15	-6.5%
NC_906	20	4433	0.61	0.60	0.07	0.60	0.44	0.58	0.61	0.60	0.45	0.43	0.26	0.29	0.61	0.01	1.3%
NC_907	20	4433	1.58	1.52	0.17	1.53	1.44	1.46	1.55	1.53	1.03	0.99	0.58	0.65	1.55	0.02	1.0%
NC_908	45	4528	3.00	3.03	0.16	3.06	1.16	2.11	2.13	2.13	2.99	2.90	2.14	2.27	2.99	-0.07	-2.3%
NC_909	20	4433	0.68	0.64	0.10	0.65	0.62	0.64	0.64	0.65	0.46	0.42	0.24	0.27	0.65	-0.01	-0.8%
NC_910	20	4433	0.55	0.53	0.07	0.54	0.41	0.52	0.54	0.54	0.39	0.38	0.23	0.25	0.54	0.00	0.7%
NC_911	20	4371	0.47	0.44	0.08	0.44	0.45	0.44	0.44	0.44	0.31	0.28	0.16	0.17	0.45	0.01	2.7%
NC_912	20	4371	0.76	0.70	0.13	0.70	0.76	0.70	0.70	0.70	0.48	0.45	0.25	0.27	0.76	0.06	8.6%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_913	20	4404	3.06	3.00	0.32	3.04	2.90	2.59	3.05	2.91	1.99	1.94	1.11	1.24	3.05	0.01	0.2%
NC_914	20	4433	2.56	2.47	0.27	2.47	2.39	2.32	2.52	2.47	1.65	1.60	0.93	1.05	2.52	0.05	1.9%
NC_915	20	4429	2.41	2.32	0.29	2.36	2.32	2.11	2.36	2.28	1.56	1.50	0.86	0.96	2.36	0.00	0.1%
NC_916	10	4364	0.88	0.89	0.09	0.89	0.89	0.79	0.78	0.79	0.54	0.50	0.28	0.30	0.89	0.00	0.4%
NC_917	25	4460	1.38	1.39	0.09	1.39	0.72	1.22	1.32	1.29	1.17	1.11	0.70	0.76	1.32	-0.07	-5.3%
NC_918	20	4433	0.59	0.57	0.08	0.58	0.48	0.57	0.58	0.58	0.42	0.39	0.23	0.26	0.58	0.00	0.0%
NC_919	20	4433	1.93	1.92	0.13	1.92	1.43	1.83	1.93	1.92	1.58	1.49	0.94	1.03	1.93	0.01	0.7%
NC_920	20	4399	3.62	3.57	0.30	3.59	3.15	3.17	3.64	3.51	2.65	2.55	1.52	1.70	3.64	0.05	1.4%
NC_921	10	4364	0.84	0.85	0.09	0.86	0.86	0.77	0.76	0.77	0.53	0.49	0.27	0.30	0.86	-0.01	-0.6%
NC_922	20	4433	0.54	0.53	0.07	0.53	0.40	0.51	0.54	0.53	0.39	0.38	0.23	0.25	0.54	0.01	1.5%
NC_923	25	4464	0.88	0.88	0.07	0.88	0.49	0.81	0.86	0.85	0.74	0.70	0.44	0.48	0.86	-0.02	-2.4%
NC_924	20	4433	0.55	0.53	0.07	0.54	0.41	0.52	0.54	0.54	0.39	0.38	0.23	0.25	0.54	0.00	0.2%
NC_925	45	4528	5.29	5.32	0.34	5.43	2.75	4.28	4.44	4.44	4.64	4.66	3.07	3.36	4.66	-0.77	-14.3%
NC_926	30	4498	1.61	1.60	0.13	1.62	0.77	1.37	1.45	1.43	1.42	1.35	0.86	0.94	1.45	-0.17	-10.6%
NC_927	20	4433	0.59	0.57	0.08	0.57	0.45	0.56	0.58	0.58	0.42	0.40	0.24	0.27	0.58	0.01	1.4%
NC_928	20	4433	0.79	0.76	0.11	0.77	0.66	0.76	0.77	0.77	0.56	0.52	0.31	0.35	0.77	0.00	0.1%
NC_929	20	4399	2.90	2.81	0.28	2.82	2.48	2.64	2.88	2.81	2.11	2.03	1.22	1.36	2.88	0.06	2.2%
NC_930	25	4466	13.24	13.42	0.95	13.58	9.60	11.56	13.07	12.79	10.05	9.96	6.04	6.74	13.07	-0.51	-3.7%
NC_931	10	4357	1.00	1.01	0.10	1.02	1.02	0.90	0.89	0.90	0.61	0.57	0.32	0.35	1.02	0.00	-0.1%
NC_932	45	4528	6.44	6.52	0.45	6.65	2.73	4.83	5.00	4.97	6.12	6.06	4.26	4.57	6.12	-0.53	-8.0%
NC_933	10	4357	0.81	0.82	0.08	0.82	0.82	0.74	0.73	0.74	0.51	0.47	0.26	0.28	0.82	0.00	0.5%
NC_934	10	4364	0.83	0.84	0.09	0.85	0.85	0.75	0.74	0.75	0.51	0.48	0.26	0.29	0.85	-0.01	-0.6%
NC_935	20	4399	1.13	1.12	0.09	1.12	0.79	1.07	1.14	1.12	0.90	0.86	0.53	0.58	1.14	0.02	1.5%
NC_936	45	4528	1.90	1.91	0.16	1.96	0.80	1.47	1.53	1.52	1.69	1.69	1.08	1.18	1.69	-0.27	-13.8%
NC_937	45	4534	5.90	5.93	0.35	6.06	3.07	4.78	4.89	4.90	5.21	5.21	3.52	3.84	5.21	-0.85	-14.0%
NC_938	20	4429	1.51	1.41	0.22	1.42	1.52	1.35	1.42	1.40	0.93	0.89	0.51	0.56	1.52	0.10	7.0%
NC_939	20	4429	0.73	0.70	0.10	0.71	0.62	0.70	0.71	0.71	0.51	0.47	0.28	0.31	0.71	0.00	-0.3%
NC_940	45	4528	6.86	6.93	0.39	7.08	2.86	5.02	5.17	5.15	6.52	6.51	4.66	4.99	6.52	-0.56	-8.0%
NC_941	45	4534	2.13	2.15	0.13	2.19	0.83	1.55	1.60	1.59	1.91	1.96	1.29	1.41	1.96	-0.23	-10.5%
NC_942	20	4433	0.61	0.59	0.09	0.59	0.52	0.59	0.59	0.59	0.43	0.39	0.23	0.26	0.59	0.00	0.5%
NC_943	10	4364	1.18	1.19	0.12	1.20	1.20	1.07	1.07	1.07	0.73	0.68	0.38	0.42	1.20	0.00	-0.2%
NC_944	20	4371	0.76	0.70	0.13	0.70	0.76	0.70	0.70	0.70	0.48	0.45	0.25	0.27	0.76	0.06	8.7%
NC_945	20	4433	0.56	0.54	0.07	0.55	0.41	0.53	0.55	0.55	0.40	0.39	0.23	0.26	0.55	0.00	0.4%
NC_946	10	4364	0.81	0.81	0.08	0.82	0.82	0.74	0.73	0.73	0.50	0.47	0.26	0.28	0.82	0.00	-0.1%
NC_947	20	4433	0.55	0.53	0.07	0.54	0.41	0.52	0.54	0.54	0.39	0.38	0.23	0.25	0.54	0.00	0.4%
NC_948	45	4528	3.12	3.16	0.22	3.22	1.19	2.27	2.32	2.31	2.88	2.88	1.93	2.10	2.88	-0.34	-10.6%
NC_949	45	4534	6.95	6.99	0.33	7.12	2.87	5.04	5.18	5.17	6.58	6.64	4.84	5.15	6.64	-0.48	-6.7%
NC_950	720	4785	6.04	5.65	2.79	6.11	0.64	0.65	0.65	0.66	0.66	0.64	2.76	4.41	4.41	-1.70	-27.8%
NC_951	30	4498	4.04	4.02	0.30	4.07	2.22	3.48	3.66	3.64	3.40	3.31	2.11	2.31	3.66	-0.41	-10.0%
NC_952	10	4364	0.83	0.84	0.09	0.85	0.85	0.77	0.76	0.76	0.52	0.49	0.27	0.30	0.85	0.00	-0.5%
NC_953	10	4364	0.94	0.95	0.10	0.95	0.95	0.84	0.83	0.84	0.57	0.53	0.29	0.32	0.95	0.00	0.3%
NC_954	20	4433	0.64	0.62	0.09	0.63	0.51	0.61	0.63	0.63	0.46	0.43	0.26	0.29	0.63	0.00	-0.2%
NC_955	20	4433	0.60	0.58	0.08	0.59	0.47	0.57	0.59	0.59	0.43	0.41	0.24	0.27	0.59	0.00	0.2%
NC_956	720	4785	9.43	8.76	4.15	9.38	4.26	6.17	6.42	6.39	6.79	6.65	4.72	6.70	6.79	-2.59	-27.6%
NC_957	20	4433	3.26	3.13	0.36	3.14	2.95	2.95	3.21	3.14	2.22	2.13	1.25	1.40	3.21	0.07	2.2%
NC_958	20	4433	0.57	0.56	0.07	0.56	0.42	0.54	0.57	0.56	0.41	0.40	0.24	0.27	0.57	0.01	1.1%
NC_959	20	4429	2.33	2.24	0.27	2.27	2.24	2.05	2.27	2.21	1.50	1.44	0.83	0.93	2.27	0.00	0.1%
NC_960	25	4394	13.82	14.01	0.91	14.07	9.97	12.27	13.56	13.26	12.09	11.42	7.92	8.41	13.56	-0.52	-3.7%
NC_961	20	4433	1.41	1.34	0.17	1.36	1.24	1.33	1.37	1.36	0.98	0.92	0.56	0.62	1.37	0.01	0.4%
NC_962	20	4433	0.55	0.53	0.07	0.54	0.40	0.52	0.54	0.54	0.39	0.38	0.23	0.25	0.54	0.00	0.6%
NC_963	20	4429	1.66	1.59	0.22	1.60	1.59	1.52	1.60	1.58	1.08	1.02	0.59	0.66	1.60	0.00	0.0%
NC_964	45	4534	10.83	10.91	0.54	11.09	4.37	7.78	7.98	7.96	10.27	10.31	7.35	7.90	10.31	-0.78	-7.1%
NC_965	25	4464	0.99	0.99	0.08	0.99	0.58	0.91	0.97	0.96	0.82	0.78	0.49	0.53	0.97	-0.02	-1.7%
NC_966	20	4433	0.74	0.70	0.11	0.70	0.67	0.70	0.70	0.70	0.50	0.46	0.26	0.30	0.70	0.00	0.1%
NC_967	30	4498	13.51	13.22	1.20	13.46	8.97	11.85	12.94	12.76	11.87	11.67	8.07	8.55	12.94	-0.52	-3.8%
NC_968	25	4460	1.66	1.67	0.14	1.69	1.13	1.52	1.66	1.63	1.36	1.29	0.80	0.88	1.66	-0.03	-1.8%
NC_969	720	4785	5.94	5.56	2.77	6.02	0.13	0.28	0.28	0.28	0.45	0.48	2.85	4.37	4.37	-1.65	-27.5%
NC_970	20	4429	3.13	3.16	0.22	3.17	2.49	2.65	3.17	3.07	2.19	2.15	1.24	1.40	3.17	0.00	-0.1%
NC_971	45	4533	8.73	8.75	0.26	8.93	3.89	5.58	5.94	5.93	7.12	6.97	4.82	4.65	7.12	-1.81	-20.3%
NC_972	20	4399	4.86	4.77	0.46	4.78	4.34	4.16	4.86	4.61	3.30	3.21	1.84	2.08	4.86	0.08	1.6%
NC_973	180	4649	24.13	24.21	1.41	24.41	9.10	13.54	13.56	13.56	23.32	24.09	24.01	21.00	24.09	-0.32	-1.3%
NC_974	120	4499	34.99	34.68	3.67	35.36	14.39	21.86	22.62	22.56	33.99	35.36	34.72	31.37	35.36	0.00	0.0%
NC_975	10	4364	1.29	1.30	0.09	1.30	1.30	1.09	1.17	1.15	0.75	0.72	0.41	0.45	1.30	0.00	0.3%
NC_976	120	4499	34.81	34.54	3.76	35.28	14.36	21.79	22.56	22.50	33.95	35.29	34.39	31.24	35.29	0.00	0.0%
NC_977	120	4499	34.25	34.06	3.96	34.90	14.15	21.38	22.12	22.06	33.73	34.90	33.34	30.91	34.90	0.00	0.0%
NC_978	120	4499	59.61	59.37	3.61	59.95	23.11	36.03	36.78	36.75	56.08	59.95	60.01	52.38	60.01	0.06	0.1%
NC_979	120	4499	60.84	60.93	3.09	61.69	23.29	36.65	37.29	37.28	56.54	61.69	61.73	53.20	61.73	0.04	0.1%
NC_980	60	4558	46.11	45.39	1.82	45.44	19.30	31.41	31.87	31.90	43.32	43.21	38.48	37.23	43.32	-2.12	-4.7%
NC_981	120	4499	106.67	105.91	8.17	107.48	40.30	66.22	66.73	66.80	103.83	107.48	107.76	94.38	107.76	0.27	0.3%
NC_982	60	4558	39.15	38.39	2.36	38.54	13.41	24.79	25.37	25.34	36.14	38.76	27.69	29.37	38.76	0.22	0.6%
NC_983	60	4558	39.12	38.30	2.07	38.44	13.30	24.52	25.09	25.06	36.17	38.73	28.74	29.77	38.73	0.29	0.7%
NC_984	10	4364	2.08	2.09	0.12	2.10	2.10	1.74	1.94	1.88	1.23	1.19	0.68	0.75	2.10	0.00	0.0%
NC_985	20	4433	1.02	0.95	0.17	0.95	1.02	0.95	0.95	0.95	0.66	0.61	0.34	0.38	1.02	0.07	7.2%
NC_986	25	4394	4.01	4.07	0.29	4.09	2.82	3.60	4.02	3.95	2.95	2.89	1.73	1.93	4.02	-0.07	-1.7%
NC_987	20	4429	0.63	0.60	0.09	0.61	0.55	0.60	0.61	0.61	0.43	0.40	0.23	0.26	0.61	-0.01	-0.8%
NC_988	20	4371	0.80	0.74	0.13	0.74	0.78	0.74	0.74	0.74	0.51	0.48	0.27	0.30	0.78	0.04	5.8%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_989	15	4401	4.84	4.63	0.52	4.66	4.75	4.11	4.73	4.55	3.02	2.94	1.69	1.88	4.75	0.09	1.9%
NC_990	45	4534	34.44	34.51	1.95	35.56	8.90	23.78	24.61	24.54	29.99	32.18	20.12	22.71	32.18	-3.38	-9.5%
NC_991	20	4371	0.63	0.59	0.11	0.59	0.62	0.59	0.58	0.59	0.41	0.38	0.21	0.23	0.62	0.03	5.8%
NC_992	45	4496	3.25	3.25	0.07	3.25	2.47	2.98	3.07	3.06	2.89	2.89	2.25	2.35	3.07	-0.19	-5.7%
NC_993	20	4429	1.58	1.49	0.21	1.52	1.56	1.39	1.52	1.47	0.99	0.95	0.54	0.60	1.56	0.03	2.3%
NC_994	20	4429	1.19	1.12	0.18	1.13	1.17	1.08	1.13	1.12	0.75	0.72	0.41	0.45	1.17	0.04	3.9%
NC_995	20	4429	1.79	1.69	0.24	1.71	1.78	1.57	1.71	1.67	1.12	1.07	0.61	0.68	1.78	0.07	4.2%
NC_996	10	4364	1.69	1.70	0.10	1.70	1.70	1.44	1.58	1.54	1.02	0.98	0.56	0.62	1.70	0.00	0.2%
NC_997	20	4399	5.81	5.73	0.47	5.76	4.96	5.09	5.81	5.60	4.35	4.16	2.50	2.84	5.81	0.05	0.8%
NC_998	10	4364	0.71	0.72	0.08	0.72	0.72	0.64	0.63	0.64	0.44	0.41	0.22	0.24	0.72	0.00	0.6%
NC_999	10	4364	1.48	1.49	0.12	1.50	1.50	1.30	1.37	1.35	0.90	0.85	0.48	0.53	1.50	0.00	0.0%
NC_1000	25	4394	3.71	3.72	0.19	3.73	2.62	3.41	3.62	3.60	3.04	2.88	1.87	2.03	3.62	-0.11	-2.9%
NC_1001	20	4399	2.73	2.71	0.19	2.72	2.20	2.52	2.74	2.68	2.21	2.09	1.31	1.47	2.74	0.01	0.6%
NC_1002	10	4364	1.38	1.39	0.11	1.39	1.39	1.21	1.27	1.25	0.83	0.79	0.45	0.49	1.39	0.00	0.3%
NC_1003	20	4429	1.13	1.07	0.17	1.08	1.09	1.03	1.08	1.07	0.73	0.69	0.39	0.44	1.09	0.01	0.6%
NC_1004	20	4433	1.54	1.48	0.18	1.49	1.33	1.40	1.53	1.49	1.06	1.02	0.59	0.67	1.53	0.03	2.3%
NC_1005	20	4429	7.97	7.92	0.61	7.98	6.76	6.84	7.98	7.66	5.91	5.67	3.38	3.84	7.98	0.00	0.1%
NC_1006	10	4364	0.78	0.79	0.08	0.80	0.80	0.71	0.70	0.71	0.48	0.45	0.25	0.27	0.80	0.00	-0.3%
NC_1007	20	4429	17.18	17.23	1.08	17.28	13.24	14.78	17.28	16.84	12.49	12.38	7.38	8.38	17.28	0.00	0.0%
NC_1008	15	4401	2.62	2.51	0.28	2.54	2.58	2.20	2.56	2.45	1.62	1.58	0.90	1.00	2.58	0.04	1.7%
NC_1009	20	4433	0.86	0.81	0.14	0.81	0.83	0.80	0.80	0.81	0.56	0.52	0.30	0.33	0.83	0.01	1.9%
NC_1010	20	4399	1.87	1.82	0.18	1.83	1.70	1.64	1.86	1.80	1.21	1.19	0.68	0.77	1.86	0.03	1.9%
NC_1011	20	4371	0.63	0.59	0.11	0.59	0.61	0.59	0.59	0.59	0.41	0.38	0.21	0.24	0.61	0.02	2.7%
NC_1012	20	4433	0.51	0.49	0.07	0.50	0.40	0.49	0.50	0.50	0.36	0.34	0.20	0.23	0.50	0.00	0.2%
NC_1013	20	4433	1.25	1.22	0.13	1.23	0.88	1.18	1.25	1.23	0.93	0.90	0.54	0.60	1.25	0.02	1.5%
NC_1014	20	4399	1.82	1.80	0.15	1.80	1.25	1.69	1.84	1.80	1.41	1.36	0.82	0.90	1.84	0.04	2.4%
NC_1015	60	4558	24.34	24.22	0.87	24.22	5.51	13.23	13.30	13.30	24.58	25.03	21.36	21.20	25.03	0.81	3.3%
NC_1016	45	4528	7.57	7.54	0.63	7.80	3.84	6.26	6.69	6.60	6.60	6.60	4.22	4.62	6.69	-1.11	-14.2%
NC_1017	60	4558	21.27	21.14	1.16	21.15	4.96	12.25	12.35	12.35	20.69	21.14	17.02	17.13	21.14	-0.01	-0.1%
NC_1018	60	4558	4.74	4.66	0.67	4.67	1.96	2.77	2.80	2.79	4.98	5.10	3.87	3.67	5.10	0.43	9.2%
NC_1019	25	4461	0.89	0.90	0.06	0.90	0.60	0.79	0.86	0.85	0.75	0.72	0.45	0.50	0.86	-0.04	-4.2%
NC_1020	60	4558	19.65	19.47	1.53	19.48	5.23	12.42	12.56	12.56	18.78	19.10	14.25	14.93	19.10	-0.38	-2.0%
NC_1021	25	4394	2.54	2.58	0.18	2.59	1.67	2.24	2.49	2.43	2.06	2.01	1.24	1.37	2.49	-0.10	-4.0%
NC_1022	45	4528	1.40	1.41	0.12	1.43	0.59	1.09	1.14	1.13	1.26	1.24	0.80	0.87	1.26	-0.17	-11.7%
NC_1023	60	4558	20.82	20.65	1.44	20.66	5.25	12.70	12.81	12.82	19.93	20.32	15.45	16.08	20.32	-0.34	-1.6%
NC_1024	45	4528	15.81	15.91	0.82	16.27	6.44	11.57	11.89	11.85	14.80	14.95	10.69	11.39	14.95	-1.32	-8.1%
NC_1025	25	4461	5.85	5.95	0.53	6.00	3.77	5.23	5.83	5.65	4.81	4.63	2.83	3.14	5.83	-0.17	-2.9%
NC_1026	25	4462	2.21	2.23	0.21	2.27	1.41	2.04	2.21	2.16	1.82	1.74	1.06	1.17	2.21	-0.06	-2.6%
NC_1027	25	4461	3.66	3.72	0.35	3.77	2.48	3.28	3.68	3.56	2.99	2.86	1.75	1.93	3.68	-0.09	-2.4%
NC_1028	20	4433	0.66	0.63	0.10	0.63	0.56	0.63	0.64	0.63	0.46	0.42	0.25	0.28	0.64	0.01	0.8%
NC_1029	20	4429	0.59	0.56	0.09	0.56	0.53	0.56	0.56	0.56	0.40	0.37	0.21	0.24	0.56	0.00	0.7%
NC_1030	20	4371	0.32	0.30	0.06	0.30	0.33	0.30	0.29	0.30	0.20	0.19	0.10	0.11	0.33	0.03	9.7%
NC_1031	20	4399	0.49	0.48	0.04	0.48	0.31	0.45	0.50	0.48	0.37	0.36	0.21	0.23	0.50	0.02	3.1%
NC_1032	20	4433	0.97	0.95	0.09	0.96	0.70	0.92	0.97	0.96	0.75	0.72	0.44	0.49	0.97	0.01	0.8%
NC_1033	45	4528	1.73	1.73	0.16	1.76	0.74	1.37	1.41	1.40	1.54	1.51	0.96	1.05	1.54	-0.22	-12.3%
NC_1034	45	4528	3.00	3.03	0.15	3.06	1.14	2.13	2.15	2.14	2.99	2.90	2.15	2.29	2.99	-0.07	-2.4%
NC_1035	20	4371	0.55	0.53	0.09	0.53	0.51	0.53	0.52	0.53	0.37	0.34	0.19	0.22	0.53	0.00	-0.8%
NC_1036	720	4758	1.08	0.85	0.50	0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.87	-100.0%
NC_1037	30	4498	1.73	1.72	0.13	1.74	0.84	1.47	1.54	1.53	1.51	1.45	0.93	1.01	1.54	-0.20	-11.7%
NC_1038	45	4528	1.46	1.46	0.13	1.49	0.60	1.13	1.15	1.14	1.32	1.30	0.84	0.91	1.32	-0.17	-11.3%
NC_1039	45	4534	1.80	1.81	0.08	1.84	0.76	1.34	1.37	1.36	1.70	1.72	1.26	1.34	1.72	-0.13	-6.8%
NC_1040	20	4433	0.34	0.33	0.05	0.33	0.26	0.32	0.33	0.33	0.23	0.22	0.13	0.14	0.33	0.00	1.2%
NC_1041	45	4534	1.83	1.84	0.07	1.86	0.76	1.35	1.37	1.37	1.73	1.76	1.31	1.39	1.76	-0.10	-5.6%
NC_1042	20	4399	0.76	0.75	0.07	0.75	0.58	0.70	0.77	0.75	0.54	0.53	0.31	0.34	0.77	0.02	2.5%
NC_1043	45	4528	2.53	2.53	0.21	2.60	1.18	2.04	2.13	2.12	2.24	2.22	1.43	1.56	2.24	-0.36	-14.0%
NC_1044	45	4534	5.50	5.50	0.20	5.55	2.14	3.92	4.03	4.01	4.97	5.16	3.68	3.95	5.16	-0.39	-7.0%
NC_1045	90	4532	33.08	33.09	1.50	33.45	13.05	19.20	20.06	19.94	32.73	33.21	31.08	29.75	33.21	-0.24	-0.7%
NC_1046	60	4558	14.51	14.41	1.20	14.42	5.70	10.15	10.43	10.39	13.99	13.92	10.43	10.99	13.99	-0.43	-3.0%
NC_1047	60	4558	15.64	15.52	1.11	15.53	6.03	10.64	10.89	10.87	15.00	15.04	11.69	12.20	15.04	-0.49	-3.1%
NC_1048	25	4394	7.03	7.11	0.41	7.16	4.83	6.21	6.84	6.73	6.64	6.20	4.46	4.68	6.84	-0.33	-4.5%
NC_1049	45	4528	4.98	5.01	0.32	5.01	2.51	3.84	4.03	3.98	4.95	4.52	3.59	3.70	4.95	-0.06	-1.3%
NC_1050	45	4528	3.97	3.97	0.14	3.98	1.81	2.90	2.93	2.91	3.87	3.58	2.89	3.00	3.87	-0.11	-2.7%
NC_1051	20	4371	0.35	0.32	0.07	0.33	0.35	0.33	0.32	0.32	0.22	0.20	0.11	0.12	0.35	0.02	7.0%
NC_1052	45	4528	5.57	5.59	0.46	5.61	3.64	4.80	5.23	5.15	5.48	5.09	3.71	3.89	5.48	-0.13	-2.3%
NC_1053	20	4429	1.15	1.12	0.13	1.13	1.13	1.00	1.13	1.10	0.71	0.69	0.40	0.44	1.13	0.00	-0.1%
NC_1054	45	4496	2.90	2.89	0.07	2.90	1.67	2.46	2.51	2.51	2.58	2.59	1.99	2.10	2.59	-0.31	-10.6%
NC_1055	10	4364	0.78	0.79	0.08	0.80	0.80	0.71	0.70	0.71	0.49	0.45	0.25	0.27	0.80	-0.01	-0.6%
NC_1056	10	4364	1.14	1.15	0.10	1.15	1.15	0.95	0.98	0.97	0.65	0.61	0.34	0.37	1.15	0.00	0.3%
NC_1057	10	4364	0.64	0.64	0.06	0.65	0.65	0.55	0.53	0.54	0.37	0.34	0.18	0.20	0.65	-0.01	-0.8%
NC_1058	60	4558	3.47	3.44	0.14	3.46	1.67	2.57	2.60	2.60	3.28	3.11	2.52	2.63	3.28	-0.18	-5.3%
NC_1059	60	4558	3.13	3.10	0.21	3.10	1.18	2.14	2.18	2.18	2.82	2.86	2.10	2.26	2.86	-0.24	-7.8%
NC_1060	15	4401	1.35	1.28	0.14	1.29	1.31	1.18	1.32	1.29	0.82	0.81	0.47	0.52	1.32	0.03	2.2%
NC_1061	45	4528	4.80	4.82	0.59	4.95	1.92	2.73	2.78	2.77	3.24	2.93	2.38	2.47	3.24	-1.71	-34.5%
NC_1062	45	4496	4.72	4.70	0.22	4.84	2.01	3.53	3.54	3.52	4.17	3.74	3.14	3.22	4.17	-0.67	-13.8%
NC_1063	25	4461	1.52	1.54	0.12	1.55	1.01	1.37	1.52	1.50	1.13	1.09	0.66	0.73	1.52	-0.03	-1.7%
NC_1064	25	4461	9.61	9.51	0.50	9.51	6.71	8.41	9.33	9.22	6.79	6.97	4.24	4.76	9.33	-0.18	-1.9%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_1065	25	4461	1.68	1.67	0.07	1.68	0.98	1.46	1.57	1.55	1.30	1.29	0.78	0.87	1.57	-0.11	-6.6%
NC_1066	20	4399	2.52	2.42	0.27	2.43	2.31	2.21	2.50	2.41	1.65	1.61	0.92	1.04	2.50	0.06	2.7%
NC_1067	20	4371	0.68	0.63	0.12	0.63	0.66	0.63	0.63	0.63	0.44	0.40	0.23	0.25	0.66	0.03	5.2%
NC_1068	20	4433	1.01	0.96	0.14	0.96	0.92	0.92	0.98	0.96	0.66	0.63	0.36	0.40	0.98	0.02	2.3%
NC_1069	10	4364	0.93	0.93	0.09	0.93	0.93	0.81	0.79	0.80	0.55	0.51	0.28	0.30	0.93	0.00	0.4%
NC_1070	10	4364	1.34	1.35	0.12	1.36	1.36	1.14	1.17	1.16	0.78	0.73	0.41	0.45	1.36	0.00	-0.2%
NC_1071	10	4357	0.49	0.49	0.06	0.50	0.50	0.45	0.43	0.44	0.30	0.28	0.15	0.16	0.50	0.00	-0.2%
NC_1072	20	4433	0.70	0.66	0.11	0.66	0.65	0.66	0.66	0.66	0.46	0.43	0.24	0.27	0.66	0.00	0.0%
NC_1073	20	4429	4.97	4.82	0.56	4.88	4.80	4.24	4.88	4.70	3.15	3.06	1.75	1.95	4.88	0.00	0.1%
NC_1074	20	4399	7.59	7.61	0.69	7.63	6.74	6.23	7.64	7.24	5.03	4.94	2.78	3.17	7.64	0.01	0.1%
NC_1075	20	4429	2.64	2.50	0.37	2.53	2.53	2.38	2.53	2.48	1.71	1.61	0.92	1.02	2.53	0.00	0.1%
NC_1076	20	4433	0.49	0.47	0.07	0.47	0.39	0.46	0.48	0.47	0.34	0.32	0.19	0.21	0.48	0.01	1.1%
NC_1077	20	4429	0.31	0.30	0.05	0.30	0.27	0.30	0.30	0.30	0.21	0.19	0.11	0.12	0.30	0.00	0.0%
NC_1078	20	4367	1.86	1.81	0.19	1.82	1.76	1.61	1.84	1.78	1.16	1.14	0.65	0.73	1.84	0.02	0.9%
NC_1079	20	4429	3.00	3.01	0.17	3.03	2.31	2.67	3.03	2.96	2.12	2.06	1.23	1.37	3.03	0.00	-0.1%
NC_1080	10	4364	0.50	0.50	0.05	0.51	0.51	0.44	0.43	0.43	0.30	0.28	0.15	0.16	0.51	-0.01	-1.0%
NC_1081	25	4464	1.28	1.28	0.08	1.28	0.77	1.18	1.24	1.23	1.08	1.02	0.65	0.71	1.24	-0.04	-3.0%
NC_1082	20	4399	1.26	1.24	0.11	1.25	1.03	1.15	1.26	1.24	0.85	0.84	0.49	0.55	1.26	0.01	1.0%
NC_1083	20	4429	0.50	0.47	0.08	0.48	0.43	0.47	0.48	0.48	0.34	0.31	0.18	0.20	0.48	-0.01	-1.0%
NC_1084	20	4433	0.88	0.86	0.12	0.87	0.69	0.85	0.87	0.87	0.66	0.62	0.38	0.42	0.87	0.00	0.3%
NC_1085	25	4394	1.30	1.30	0.08	1.30	0.77	1.18	1.26	1.24	1.07	1.01	0.64	0.70	1.26	-0.04	-3.4%
NC_1086	20	4371	0.52	0.49	0.08	0.49	0.48	0.49	0.49	0.49	0.35	0.32	0.18	0.20	0.49	0.00	0.8%
NC_1087	45	4528	2.80	2.80	0.23	2.83	1.81	2.45	2.49	2.50	2.52	2.44	1.61	1.74	2.52	-0.31	-10.9%
NC_1088	20	4433	1.49	1.45	0.15	1.45	1.32	1.37	1.47	1.45	1.00	0.98	0.57	0.64	1.47	0.02	1.4%
NC_1089	20	4399	0.95	0.93	0.09	0.93	0.78	0.88	0.95	0.93	0.66	0.65	0.38	0.43	0.95	0.02	1.9%
NC_1090	20	4429	0.58	0.55	0.09	0.56	0.52	0.55	0.56	0.56	0.39	0.36	0.21	0.23	0.56	0.00	-0.5%
NC_1091	20	4399	2.27	2.20	0.22	2.20	2.05	2.05	2.25	2.20	1.52	1.48	0.87	0.97	2.25	0.04	2.0%
NC_1092	60	4558	17.37	17.05	0.90	17.07	6.97	12.05	12.24	12.22	15.38	15.47	12.42	12.72	15.47	-1.60	-9.4%
NC_1093	45	4528	3.09	3.09	0.24	3.15	1.89	2.61	2.73	2.70	2.79	2.71	1.82	1.96	2.79	-0.36	-11.4%
NC_1094	20	4429	2.49	2.51	0.15	2.52	1.95	2.18	2.52	2.45	1.82	1.76	1.05	1.17	2.52	0.00	0.1%
NC_1095	20	4399	2.41	2.34	0.23	2.35	2.16	2.14	2.39	2.33	1.63	1.58	0.92	1.04	2.39	0.04	1.7%
NC_1096	20	4433	1.08	1.06	0.08	1.07	0.72	1.03	1.08	1.07	0.89	0.85	0.53	0.58	1.08	0.01	0.7%
NC_1097	30	4498	1.34	1.33	0.11	1.34	0.67	1.15	1.22	1.20	1.18	1.12	0.72	0.79	1.22	-0.12	-9.2%
NC_1098	20	4429	0.88	0.85	0.10	0.87	0.84	0.77	0.87	0.84	0.56	0.54	0.31	0.35	0.87	0.00	-0.5%
NC_1099	20	4399	1.03	1.00	0.11	1.01	0.90	0.92	1.03	1.00	0.67	0.66	0.38	0.43	1.03	0.02	1.6%
NC_1100	60	4558	17.28	16.97	0.83	16.98	6.86	11.89	12.07	12.06	15.30	15.38	12.67	12.77	15.38	-1.60	-9.4%
NC_1101	45	4496	10.50	10.47	0.42	10.56	5.09	8.32	8.49	8.49	8.59	8.95	5.95	6.56	8.95	-1.61	-15.2%
NC_1102	90	4395	168.24	169.89	9.03	170.48	59.54	100.28	100.77	100.86	170.48	175.42	165.92	149.53	175.42	4.94	2.9%
NC_1103	20	4399	2.02	1.96	0.19	1.97	1.89	1.78	2.00	1.95	1.26	1.25	0.71	0.80	2.00	0.03	1.6%
NC_1104	15	4401	0.95	0.91	0.10	0.92	0.93	0.79	0.92	0.88	0.57	0.56	0.32	0.35	0.93	0.01	1.4%
NC_1105	120	4613	6.20	6.14	1.28	6.41	0.54	0.87	0.87	0.87	6.73	7.67	6.00	4.97	7.67	1.26	19.7%
NC_1106	90	4395	162.74	164.27	8.93	164.80	59.31	99.50	99.99	100.09	164.80	169.35	160.19	144.79	169.35	4.55	2.8%
NC_1107	45	4496	8.34	8.27	0.39	8.37	4.65	6.90	7.33	7.30	6.60	7.12	4.51	5.03	7.33	-1.04	-12.4%
NC_1108	20	4429	0.90	0.86	0.11	0.87	0.89	0.78	0.87	0.84	0.56	0.54	0.31	0.34	0.89	0.02	2.2%
NC_1109	20	4429	8.81	8.76	0.59	8.82	7.18	7.78	8.83	8.56	7.22	6.79	4.42	4.81	8.83	0.00	0.1%
NC_1110	25	4466	8.09	8.18	0.46	8.24	5.49	7.16	7.85	7.74	6.75	6.56	4.32	4.70	7.85	-0.39	-4.8%
NC_1111	20	4433	1.66	1.59	0.18	1.60	1.49	1.54	1.61	1.60	1.10	1.06	0.63	0.70	1.61	0.01	0.8%
NC_1112	90	4395	186.86	188.63	10.35	189.57	68.03	113.11	113.98	113.93	189.57	194.66	182.98	165.91	194.66	5.09	2.7%
NC_1113	90	4395	185.52	186.18	8.47	186.23	62.60	109.97	110.54	110.58	186.23	191.81	187.34	166.51	191.81	5.58	3.0%
NC_1114	120	4499	185.21	183.68	16.98	191.30	62.37	109.65	110.22	110.26	185.73	191.30	187.53	166.37	191.30	0.00	0.0%
NC_1115	20	4429	1.49	1.40	0.21	1.42	1.48	1.34	1.42	1.39	0.93	0.89	0.51	0.56	1.48	0.06	3.9%
NC_1116	20	4429	1.79	1.70	0.23	1.73	1.75	1.57	1.73	1.68	1.13	1.09	0.62	0.69	1.75	0.02	1.2%
NC_1117	20	4429	3.52	3.53	0.23	3.57	2.78	3.11	3.57	3.48	2.44	2.38	1.39	1.57	3.57	0.00	0.0%
NC_1118	10	4357	0.56	0.56	0.06	0.57	0.57	0.49	0.48	0.48	0.33	0.31	0.17	0.18	0.57	0.00	0.0%
NC_1119	20	4367	17.28	17.40	1.22	17.41	13.70	14.51	17.36	16.92	11.74	11.83	6.80	7.72	17.36	-0.05	-0.3%
NC_1120	20	4399	2.41	2.38	0.19	2.39	2.12	2.15	2.40	2.36	1.54	1.52	0.88	0.99	2.40	0.01	0.5%
NC_1121	30	4498	25.80	25.43	1.95	25.96	16.48	22.42	24.14	23.97	25.99	26.01	19.56	20.09	26.01	0.05	0.2%
NC_1122	10	4364	0.63	0.63	0.07	0.64	0.64	0.57	0.56	0.57	0.39	0.36	0.20	0.22	0.64	0.00	-0.3%
NC_1123	20	4429	1.85	1.76	0.24	1.79	1.81	1.63	1.79	1.74	1.18	1.13	0.65	0.72	1.81	0.02	1.3%
NC_1124	25	4466	24.70	24.66	1.17	24.71	16.72	21.71	23.69	23.43	25.32	24.74	18.57	19.05	25.32	0.61	2.5%
NC_1125	25	4466	24.94	25.01	1.26	25.09	17.16	21.97	24.06	23.76	25.48	24.72	18.49	18.99	25.48	0.39	1.5%
NC_1126	20	4371	0.78	0.74	0.13	0.74	0.76	0.74	0.73	0.74	0.51	0.47	0.27	0.30	0.76	0.02	2.7%
NC_1127	10	4364	2.32	2.33	0.11	2.34	2.34	1.92	2.18	2.10	1.36	1.32	0.76	0.84	2.34	0.00	0.0%
NC_1128	10	4364	1.44	1.45	0.11	1.46	1.46	1.28	1.35	1.33	0.88	0.84	0.48	0.52	1.46	0.00	-0.1%
NC_1129	15	4401	2.97	2.88	0.26	2.91	2.88	2.42	2.90	2.77	1.84	1.80	1.03	1.15	2.90	-0.01	-0.3%
NC_1130	20	4399	4.69	4.60	0.45	4.61	4.30	3.96	4.69	4.47	3.09	3.02	1.71	1.93	4.69	0.08	1.6%
NC_1131	60	4558	10.35	10.24	0.39	10.26	3.37	6.67	6.78	6.77	9.57	9.35	7.87	7.83	9.57	-0.69	-6.7%
NC_1132	20	4433	1.29	1.21	0.20	1.21	1.29	1.20	1.21	1.21	0.83	0.77	0.44	0.49	1.29	0.08	6.3%
NC_1133	20	4399	5.31	5.20	0.51	5.22	4.72	4.58	5.30	5.07	3.51	3.43	1.95	2.21	5.30	0.08	1.6%
NC_1134	20	4429	2.60	2.49	0.33	2.53	2.50	2.29	2.53	2.45	1.66	1.59	0.91	1.02	2.53	0.00	-0.2%
NC_1135	20	4371	0.63	0.60	0.11	0.60	0.61	0.60	0.59	0.59	0.41	0.38	0.22	0.24	0.61	0.01	1.0%
NC_1136	45	4528	2.04	2.04	0.16	2.10	0.93	1.64	1.72	1.71	1.78	1.78	1.13	1.24	1.78	-0.32	-15.1%
NC_1137	25	4466	7.55	7.54	0.50	7.59	5.42	6.53	7.44	7.29	5.37	5.44	3.25	3.64	7.44	-0.16	-2.0%
NC_1138	10	4364	0.69	0.69	0.07	0.70	0.70	0.63	0.61	0.62	0.43	0.39	0.22	0.24	0.70	0.00	-0.4%
NC_1139	10	4364	1.79	1.80	0.14	1.81	1.81	1.59	1.68	1.66	1.10	1.04	0.60	0.66	1.81	0.00	0.1%
NC_1140	20	4433	1.31	1.26	0.14	1.26	1.20	1.18	1.29	1.26	0.82	0.81	0.47	0.53	1.29	0.02	2.0%

ARR2019 Results for 1%AEP Event																	
Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_1141	45	4528	8.42	8.37	0.60	8.73	3.66	6.95	7.31	7.27	7.26	7.22	4.67	5.16	7.31	-1.42	-16.3%
NC_1142	45	4528	8.35	8.32	0.49	8.64	3.44	6.64	6.93	6.91	7.17	7.23	4.79	5.30	7.23	-1.41	-16.3%
NC_1143	20	4429	1.14	1.07	0.17	1.08	1.11	1.04	1.08	1.07	0.73	0.69	0.39	0.44	1.11	0.03	2.8%
NC_1144	45	4534	8.84	8.81	0.35	8.88	3.47	6.73	7.00	6.98	7.45	7.76	5.29	5.85	7.76	-1.12	-12.6%
NC_1145	45	4533	9.18	9.11	0.28	9.18	3.50	6.81	7.07	7.05	7.84	8.12	5.62	6.20	8.12	-1.06	-11.5%
NC_1146	10	4364	0.76	0.77	0.08	0.77	0.77	0.70	0.69	0.70	0.48	0.44	0.25	0.27	0.77	0.00	0.5%
NC_1147	20	4429	0.84	0.80	0.11	0.82	0.82	0.73	0.82	0.79	0.52	0.51	0.29	0.32	0.82	0.00	0.5%
NC_1148	45	4533	9.65	9.59	0.25	9.62	4.05	6.90	7.12	7.11	8.52	8.60	6.09	6.66	8.60	-1.02	-10.6%
NC_1149	20	4429	1.07	1.00	0.17	1.00	1.07	0.97	1.00	0.99	0.67	0.63	0.36	0.40	1.07	0.07	6.6%
NC_1150	20	4371	0.70	0.64	0.12	0.65	0.70	0.65	0.64	0.64	0.44	0.41	0.23	0.25	0.70	0.05	7.5%
NC_1151	20	4399	1.97	1.95	0.17	1.95	1.69	1.72	1.98	1.91	1.31	1.28	0.73	0.83	1.98	0.03	1.5%
NC_1152	20	4428	2.34	2.31	0.19	2.32	1.96	2.03	2.36	2.27	1.56	1.53	0.88	0.99	2.36	0.04	1.5%
NC_1153	20	4428	2.39	2.36	0.20	2.38	2.03	2.07	2.41	2.32	1.60	1.57	0.90	1.02	2.41	0.02	1.1%
NC_1154	20	4429	2.03	1.88	0.32	1.89	2.05	1.84	1.89	1.88	1.28	1.20	0.67	0.75	2.05	0.16	8.2%
NC_1155	20	4428	3.60	3.58	0.25	3.60	2.97	3.21	3.63	3.54	2.41	2.36	1.38	1.55	3.63	0.02	0.7%
NC_1156	15	4401	3.51	3.51	0.21	3.54	3.14	2.84	3.52	3.34	2.31	2.27	1.28	1.45	3.52	-0.02	-0.5%
NC_1157	25	4394	4.28	4.34	0.32	4.35	3.15	3.83	4.32	4.24	3.09	3.02	1.80	2.01	4.32	-0.03	-0.8%
NC_1158	25	4458	8.05	7.96	0.42	7.96	5.44	6.95	7.76	7.66	5.77	5.96	3.58	4.01	7.76	-0.20	-2.5%
NC_1159	25	4458	8.18	8.09	0.40	8.11	5.44	7.07	7.85	7.75	5.88	6.12	3.68	4.13	7.85	-0.26	-3.2%
NC_1160	25	4458	8.42	8.35	0.36	8.40	5.41	7.28	8.00	7.91	6.12	6.53	3.94	4.43	8.00	-0.40	-4.7%
NC_1161	45	4528	3.31	3.29	0.33	3.33	2.18	2.96	2.98	2.98	3.02	2.85	1.90	2.02	3.02	-0.31	-9.4%
NC_1162	20	4433	0.89	0.84	0.13	0.84	0.82	0.83	0.84	0.84	0.59	0.55	0.31	0.35	0.84	0.00	-0.1%
NC_1163	20	4429	1.04	0.98	0.16	0.98	1.03	0.95	0.98	0.97	0.66	0.62	0.35	0.39	1.03	0.05	5.4%
NC_1164	45	4528	2.68	2.69	0.22	2.73	1.12	2.02	2.08	2.07	2.39	2.37	1.53	1.68	2.39	-0.34	-12.6%
NC_1165	20	4371	0.62	0.58	0.10	0.58	0.59	0.58	0.57	0.58	0.40	0.37	0.21	0.23	0.59	0.01	2.1%
NC_1166	10	4364	1.32	1.33	0.13	1.34	1.34	1.16	1.17	1.17	0.79	0.74	0.41	0.45	1.34	0.00	0.2%
NC_1167	45	4528	4.18	4.18	0.39	4.24	2.67	3.53	3.77	3.72	3.88	3.68	2.48	2.64	3.88	-0.36	-8.5%
NC_1168	45	4496	13.54	13.45	0.62	13.52	6.79	10.90	11.29	11.27	10.90	11.45	7.40	8.23	11.45	-2.08	-15.3%
NC_1169	60	4558	2.55	2.54	0.15	2.54	0.86	1.59	1.62	1.61	2.56	2.58	2.11	2.12	2.58	0.04	1.6%
NC_1170	60	4558	1.60	1.60	0.12	1.60	0.51	0.93	0.95	0.95	1.62	1.60	1.21	1.27	1.62	0.01	0.9%
NC_1171	20	4433	0.51	0.50	0.06	0.50	0.37	0.49	0.51	0.50	0.37	0.36	0.21	0.24	0.51	0.01	2.2%
NC_1172	25	4460	0.82	0.82	0.07	0.82	0.48	0.75	0.81	0.80	0.67	0.64	0.39	0.43	0.81	-0.01	-1.1%
NC_1173	60	4558	3.59	3.59	0.19	3.60	1.60	2.52	2.61	2.59	3.81	3.70	3.12	3.10	3.81	0.21	5.8%
NC_1174	20	4433	0.94	0.88	0.15	0.88	0.91	0.88	0.88	0.88	0.61	0.57	0.32	0.36	0.91	0.03	3.9%
NC_1175	10	4364	0.67	0.68	0.07	0.68	0.68	0.62	0.60	0.61	0.42	0.39	0.21	0.23	0.68	0.00	0.3%
NC_1176	30	4498	1.88	1.87	0.15	1.88	0.93	1.60	1.70	1.68	1.64	1.57	1.00	1.09	1.70	-0.18	-9.7%
NC_1177	45	4496	13.88	13.79	0.52	13.96	6.67	10.88	11.23	11.20	11.20	11.81	7.90	8.65	11.81	-2.15	-15.4%
NC_1178	60	4558	3.73	3.73	0.18	3.73	1.50	2.53	2.59	2.58	3.91	3.89	3.31	3.26	3.91	0.18	4.7%
NC_1179	20	4433	0.48	0.47	0.07	0.47	0.38	0.46	0.48	0.47	0.34	0.32	0.19	0.21	0.48	0.01	1.3%
NC_1180	20	4371	0.65	0.60	0.11	0.61	0.66	0.61	0.60	0.60	0.41	0.38	0.21	0.23	0.66	0.05	8.0%
NC_1181	20	4399	1.64	1.63	0.13	1.64	1.35	1.48	1.65	1.61	1.10	1.08	0.63	0.71	1.65	0.01	0.5%
NC_1182	25	4461	2.40	2.44	0.17	2.45	1.61	2.15	2.38	2.34	1.80	1.74	1.06	1.17	2.38	-0.07	-2.9%
NC_1183	45	4528	2.38	2.39	0.21	2.44	1.29	1.97	2.10	2.08	2.20	2.13	1.42	1.53	2.20	-0.24	-9.8%
NC_1184	20	4399	0.81	0.78	0.09	0.79	0.74	0.71	0.81	0.78	0.52	0.51	0.29	0.32	0.81	0.02	2.0%
NC_1185	45	4528	1.75	1.76	0.14	1.80	0.75	1.34	1.39	1.38	1.61	1.59	1.05	1.14	1.61	-0.19	-10.7%
NC_1186	20	4429	0.50	0.48	0.07	0.48	0.42	0.48	0.48	0.48	0.34	0.32	0.19	0.21	0.48	0.00	0.4%
NC_1187	60	4405	3.96	3.96	0.22	3.96	1.62	2.73	2.81	2.80	4.16	4.13	3.50	3.46	4.16	0.20	4.9%
NC_1188	45	4528	3.44	3.49	0.26	3.56	1.58	2.68	2.81	2.79	3.13	3.14	2.09	2.27	3.14	-0.42	-11.7%
NC_1189	20	4371	0.66	0.62	0.11	0.62	0.64	0.62	0.62	0.62	0.43	0.40	0.22	0.25	0.64	0.02	3.4%
NC_1190	25	4461	8.78	8.73	0.37	8.74	5.48	7.71	8.32	8.25	6.68	6.91	4.24	4.72	8.32	-0.42	-4.8%
NC_1191	10	4364	1.38	1.39	0.13	1.40	1.40	1.23	1.23	1.24	0.84	0.78	0.44	0.48	1.40	0.00	-0.2%
NC_1192	20	4399	3.89	3.81	0.36	3.83	3.33	3.43	3.89	3.77	2.64	2.57	1.49	1.69	3.89	0.06	1.6%
NC_1193	25	4461	5.62	5.55	0.29	5.59	3.71	4.91	5.40	5.35	4.15	4.18	2.53	2.83	5.40	-0.20	-3.5%
NC_1194	25	4466	23.70	23.77	1.71	24.05	18.41	20.63	23.74	23.17	16.85	16.92	10.20	11.43	23.74	-0.32	-1.3%
NC_1195	20	4429	2.10	2.01	0.26	2.04	2.08	1.83	2.04	1.97	1.32	1.27	0.73	0.81	2.08	0.04	1.9%
NC_1196	20	4429	1.69	1.61	0.23	1.63	1.67	1.50	1.63	1.59	1.05	1.01	0.58	0.64	1.67	0.04	2.5%
NC_1197	10	4364	0.81	0.81	0.08	0.81	0.81	0.70	0.69	0.69	0.47	0.44	0.24	0.26	0.81	0.00	0.5%
NC_1198	10	4364	1.05	1.06	0.11	1.07	1.07	0.91	0.90	0.91	0.62	0.57	0.32	0.35	1.07	-0.01	-0.5%
NC_1199	20	4429	12.62	12.59	0.70	12.69	10.35	11.35	12.69	12.40	9.10	8.84	5.43	6.02	12.69	0.00	0.0%
NC_1200	10	4364	1.06	1.07	0.11	1.07	1.07	0.93	0.92	0.92	0.63	0.58	0.32	0.35	1.07	0.00	0.4%
NC_1201	20	4429	10.44	10.41	0.55	10.48	8.56	9.47	10.48	10.27	7.59	7.39	4.56	5.06	10.48	0.00	0.0%
NC_1202	10	4364	1.29	1.29	0.12	1.30	1.30	1.11	1.13	1.12	0.76	0.71	0.40	0.43	1.30	0.00	0.2%
NC_1203	20	4433	2.12	2.03	0.24	2.04	1.99	1.93	2.07	2.04	1.37	1.33	0.77	0.87	2.07	0.03	1.7%
NC_1204	15	4401	2.25	2.14	0.26	2.16	2.23	1.94	2.20	2.12	1.40	1.36	0.78	0.87	2.23	0.07	3.4%
NC_1205	10	4364	1.62	1.63	0.13	1.64	1.64	1.39	1.47	1.45	0.95	0.91	0.52	0.57	1.64	0.00	-0.2%
NC_1206	10	4364	0.67	0.67	0.07	0.67	0.67	0.58	0.56	0.57	0.39	0.36	0.20	0.21	0.67	0.00	0.6%
NC_1207	10	4364	1.38	1.39	0.12	1.40	1.40	1.17	1.22	1.21	0.80	0.76	0.43	0.47	1.40	0.00	0.1%
NC_1208	10	4364	0.96	0.96	0.10	0.97	0.97	0.87	0.86	0.86	0.59	0.55	0.30	0.33	0.97	0.00	0.1%
NC_1209	20	4429	1.77	1.68	0.25	1.69	1.76	1.59	1.69	1.66	1.12	1.06	0.61	0.68	1.76	0.07	4.3%
NC_1210	20	4433	1.33	1.30	0.14	1.30	1.12	1.24	1.32	1.30	0.94	0.91	0.55	0.61	1.32	0.02	1.3%
NC_1211	20	4429	3.26	3.11	0.41	3.16	3.24	2.83	3.16	3.06	2.07	1.98	1.14	1.26	3.24	0.07	2.4%
NC_1212	10	4364	1.90	1.91	0.12	1.92	1.92	1.58	1.74	1.69	1.11	1.07	0.61	0.67	1.92	0.00	0.1%
NC_1213	20	4371	0.63	0.59	0.10	0.59	0.60	0.59	0.59	0.59	0.41	0.38	0.22	0.24	0.60	0.01	1.0%
NC_1214	10	4364	0.61	0.62	0.07	0.62	0.62	0.56	0.55	0.55	0.38	0.35	0.19	0.21	0.62	0.00	0.0%
NC_1215	20	4429	14.79	14.79	0.84	14.91	11.93	13.17	14.91	14.56	10.64	10.33	6.33	7.04	14.91	-0.01	0.0%
NC_1216	20	4429	4.49	4.46	0.37	4.51	3.84	3.81	4.51	4.30	3.12	3.03	1.76	1.97	4.51	0.00	0.0%

Catchment Simulation Solutions

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min		m^3/s	%
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529			
NC_1217	10	4364	0.67	0.68	0.07	0.68	0.68	0.61	0.59	0.60	0.41	0.38	0.21	0.23	0.68	0.00	0.6%
NC_1218	20	4433	1.41	1.35	0.16	1.36	1.29	1.30	1.37	1.36	0.91	0.87	0.51	0.57	1.37	0.01	0.6%
NC_1219	25	4466	4.46	4.45	0.29	4.47	3.17	3.82	4.36	4.27	3.28	3.29	1.97	2.20	4.36	-0.11	-2.5%
NC_1220	10	4364	2.98	3.00	0.19	3.01	3.01	2.62	2.83	2.78	1.81	1.74	1.01	1.11	3.01	0.00	0.0%
NC_1221	10	4357	0.74	0.74	0.08	0.75	0.75	0.65	0.64	0.64	0.44	0.41	0.22	0.24	0.75	0.00	-0.4%
NC_1222	15	4401	2.62	2.52	0.26	2.54	2.54	2.19	2.57	2.46	1.64	1.60	0.91	1.02	2.57	0.03	1.3%
NC_1223	10	4364	1.33	1.34	0.12	1.35	1.35	1.13	1.17	1.16	0.77	0.73	0.41	0.45	1.35	0.00	0.1%
NC_1224	20	4429	0.93	0.87	0.14	0.88	0.88	0.86	0.88	0.87	0.61	0.57	0.32	0.36	0.88	0.00	0.3%
NC_1225	20	4399	2.49	2.44	0.22	2.45	2.10	2.23	2.49	2.42	1.68	1.64	0.96	1.08	2.49	0.04	1.6%
NC_1226	20	4399	2.06	2.04	0.17	2.04	1.60	1.92	2.06	2.04	1.49	1.44	0.88	0.97	2.06	0.02	1.1%
NC_1227	25	4466	26.55	26.30	1.57	26.33	19.27	23.03	26.07	25.64	18.84	19.37	11.73	13.15	26.07	-0.26	-1.0%
NC_1228	25	4458	29.78	29.49	1.50	29.70	20.83	25.79	28.88	28.48	21.06	22.02	13.35	14.98	28.88	-0.82	-2.8%
NC_1229	20	4429	4.02	4.01	0.30	4.06	3.48	3.40	4.06	3.92	2.61	2.58	1.47	1.66	4.06	0.00	0.0%
NC_1230	10	4364	1.55	1.56	0.13	1.57	1.57	1.32	1.39	1.37	0.90	0.86	0.49	0.53	1.57	0.00	-0.2%
NC_1231	15	4401	2.43	2.32	0.29	2.33	2.45	2.08	2.33	2.26	1.48	1.44	0.82	0.91	2.45	0.12	5.1%
NC_1232	20	4433	0.95	0.93	0.13	0.94	0.76	0.92	0.94	0.94	0.71	0.67	0.41	0.45	0.94	0.00	-0.1%
NC_1233	20	4428	4.42	4.40	0.34	4.41	3.38	3.94	4.47	4.32	3.43	3.29	1.98	2.21	4.47	0.05	1.2%
NC_1234	20	4399	3.63	3.59	0.30	3.60	2.64	3.28	3.67	3.56	2.80	2.70	1.60	1.80	3.67	0.07	1.9%
NC_1235	45	4528	2.67	2.65	0.24	2.71	1.60	2.29	2.42	2.40	2.41	2.30	1.52	1.63	2.42	-0.29	-10.6%
NC_1236	20	4371	0.60	0.57	0.10	0.57	0.57	0.57	0.56	0.57	0.39	0.37	0.21	0.23	0.57	0.00	-0.5%
NC_1237	45	4528	3.56	3.56	0.30	3.58	2.26	3.14	3.21	3.22	3.29	3.16	2.15	2.29	3.29	-0.29	-8.0%
NC_1238	20	4433	1.00	0.95	0.12	0.96	0.90	0.90	0.98	0.96	0.65	0.63	0.36	0.41	0.98	0.02	1.9%
NC_1239	30	4500	4.37	4.34	0.30	4.37	3.22	4.09	4.27	4.23	4.01	3.73	2.56	2.72	4.27	-0.10	-2.4%
NC_1240	25	4460	4.83	4.85	0.32	4.90	3.67	4.48	4.76	4.69	4.41	4.06	2.80	2.98	4.76	-0.15	-3.0%
NC_1241	20	4429	1.10	1.02	0.17	1.02	1.10	0.99	1.02	1.01	0.68	0.65	0.36	0.40	1.10	0.08	8.2%
NC_1242	20	4429	1.43	1.35	0.20	1.37	1.43	1.25	1.37	1.33	0.89	0.86	0.48	0.54	1.43	0.06	4.2%
NC_1243	10	4364	1.23	1.24	0.10	1.25	1.25	1.10	1.15	1.13	0.76	0.72	0.41	0.45	1.25	0.00	-0.4%
NC_1244	20	4429	2.72	2.56	0.38	2.60	2.72	2.36	2.60	2.52	1.71	1.63	0.93	1.02	2.72	0.12	4.7%
NC_1245	10	4364	1.11	1.12	0.10	1.13	1.13	1.01	1.03	1.03	0.69	0.65	0.37	0.41	1.13	0.00	-0.3%
NC_1246	10	4364	0.80	0.81	0.08	0.81	0.81	0.71	0.70	0.71	0.48	0.45	0.25	0.27	0.81	0.00	0.2%
NC_1247	10	4364	1.19	1.20	0.11	1.21	1.21	1.03	1.05	1.04	0.70	0.66	0.37	0.40	1.21	0.00	0.0%
NC_1248	20	4429	1.73	1.63	0.25	1.65	1.75	1.55	1.65	1.62	1.07	1.03	0.59	0.65	1.75	0.10	5.8%
NC_1249	25	4460	0.87	0.87	0.08	0.88	0.55	0.81	0.87	0.86	0.70	0.67	0.41	0.45	0.87	-0.01	-0.8%
NC_1250	20	4404	4.36	4.35	0.33	4.35	3.34	3.91	4.39	4.26	3.35	3.22	1.94	2.15	4.39	0.04	0.9%
NC_1251	20	4433	0.48	0.46	0.07	0.46	0.39	0.46	0.46	0.46	0.33	0.31	0.18	0.20	0.46	0.00	0.9%
NC_1252	20	4399	2.13	2.11	0.20	2.11	1.64	1.89	2.16	2.08	1.56	1.51	0.89	1.00	2.16	0.05	2.4%
NC_1253	20	4433	1.43	1.41	0.15	1.41	1.01	1.33	1.45	1.41	1.06	1.03	0.61	0.68	1.45	0.04	2.6%
NC_1254	20	4433	0.50	0.48	0.07	0.49	0.38	0.47	0.49	0.49	0.35	0.34	0.20	0.22	0.49	0.00	0.0%
NC_1255	20	4399	3.03	3.03	0.23	3.04	2.09	2.70	3.07	2.97	2.36	2.27	1.34	1.49	3.07	0.03	1.0%
NC_1256	25	4461	3.93	4.01	0.23	4.01	2.22	3.44	3.73	3.69	3.22	3.10	1.91	2.10	3.73	-0.28	-7.0%
NC_1257	25	4394	4.05	4.13	0.23	4.14	2.28	3.52	3.83	3.78	3.32	3.24	1.99	2.20	3.83	-0.31	-7.4%
NC_1258	20	4429	0.54	0.51	0.08	0.51	0.48	0.51	0.51	0.51	0.36	0.33	0.19	0.21	0.51	0.00	0.8%
NC_1259	25	4394	10.70	10.88	0.73	10.90	6.49	9.38	10.34	10.15	8.62	8.44	5.14	5.70	10.34	-0.57	-5.2%
NC_1260	20	4429	0.76	0.73	0.11	0.73	0.65	0.72	0.73	0.73	0.53	0.49	0.29	0.32	0.73	0.00	-0.1%
NC_1261	120	4499	194.81	194.87	15.95	197.23	63.38	111.93	112.48	112.52	191.27	197.23	201.49	175.79	201.49	4.26	2.2%
NC_1262	25	4462	0.81	0.82	0.07	0.83	0.48	0.73	0.80	0.78	0.67	0.64	0.39	0.43	0.80	-0.03	-3.6%
NC_1263	20	4433	1.93	1.84	0.23	1.84	1.86	1.82	1.83	1.84	1.46	1.35	0.86	0.94	1.86	0.02	1.1%
NC_1264	20	4404	1.77	1.77	0.13	1.77	1.16	1.60	1.81	1.75	1.39	1.34	0.80	0.89	1.81	0.04	2.3%
NC_1265	20	4428	2.47	2.47	0.20	2.47	1.73	2.19	2.52	2.43	1.89	1.83	1.08	1.20	2.52	0.05	2.2%
NC_1266	25	4461	4.57	4.65	0.43	4.67	2.96	3.99	4.55	4.39	3.63	3.50	2.09	2.33	4.55	-0.12	-2.6%
NC_1267	20	4429	0.54	0.52	0.08	0.52	0.48	0.52	0.52	0.52	0.37	0.34	0.19	0.22	0.52	0.00	-0.4%
NC_1268	20	4371	0.57	0.54	0.10	0.54	0.55	0.54	0.53	0.53	0.37	0.34	0.19	0.21	0.55	0.01	1.1%
NC_1269	25	4394	4.81	4.91	0.39	4.95	3.01	4.14	4.70	4.55	3.82	3.75	2.24	2.50	4.70	-0.25	-5.1%
NC_1270	20	4367	1.29	1.22	0.18	1.22	1.16	1.17	1.25	1.22	0.85	0.80	0.46	0.51	1.25	0.03	2.0%
NC_1271	25	4461	4.75	4.83	0.26	4.83	2.75	4.22	4.51	4.48	3.89	3.77	2.33	2.58	4.51	-0.32	-6.6%
NC_1272	20	4433	0.21	0.20	0.03	0.21	0.18	0.20	0.21	0.21	0.14	0.13	0.08	0.09	0.21	0.00	-0.5%
NC_1273	60	4558	7.64	7.56	0.62	7.57	3.15	5.51	5.66	5.64	7.59	7.74	6.09	6.20	7.74	0.17	2.2%
NC_1274	20	4428	2.24	2.21	0.19	2.21	1.91	1.93	2.25	2.17	1.48	1.45	0.83	0.93	2.25	0.04	1.8%
NC_1275	25	4458	3.88	3.84	0.17	3.86	2.55	3.36	3.70	3.66	2.77	2.88	1.72	1.93	3.70	-0.16	-4.1%
NC_1276	10	4357	1.32	1.33	0.11	1.34	1.34	1.18	1.24	1.22	0.81	0.77	0.44	0.48	1.34	0.00	-0.1%
NC_1277	20	4399	1.53	1.50	0.16	1.50	1.17	1.38	1.54	1.49	1.10	1.07	0.62	0.70	1.54	0.04	2.8%
NC_1278	15	4401	9.60	9.39	0.86	9.45	9.54	7.92	9.01	8.47	5.63	5.51	3.12	3.45	9.54	0.09	0.9%
NC_1279	15	4401	14.27	14.28	0.74	14.39	12.95	11.20	13.93	13.30	8.73	8.67	4.88	5.51	13.93	-0.46	-3.2%
NC_1280	10	4364	2.12	2.13	0.16	2.15	2.15	1.72	1.82	1.80	1.17	1.12	0.63	0.69	2.15	0.00	-0.1%
NC_1281	10	4357	0.90	0.90	0.09	0.91	0.91	0.76	0.75	0.76	0.51	0.48	0.26	0.28	0.91	-0.01	-0.5%
NC_1282	10	4364	0.65	0.65	0.07	0.66	0.66	0.58	0.56	0.57	0.39	0.36	0.20	0.22	0.66	0.00	-0.5%
NC_1283	10	4364	9.23	9.19	0.38	9.21	9.21	7.56	8.57	8.17	5.36	5.22	2.97	3.27	9.21	0.00	0.0%
NC_1284	10	4364	1.48	1.48	0.13	1.49	1.49	1.20	1.25	1.24	0.82	0.78	0.43	0.47	1.49	0.00	0.1%
NC_1285	10	4364	0.78	0.79	0.08	0.80	0.80	0.70	0.69	0.70	0.48	0.44	0.24	0.27	0.80	0.00	-0.4%
NC_1286	10	4364	0.65	0.65	0.07	0.66	0.66	0.58	0.56	0.57	0.39	0.36	0.20	0.22	0.66	0.00	0.0%
NC_1287	10	4364	0.61	0.62	0.07	0.62	0.62	0.56	0.55	0.55	0.38	0.35	0.19	0.21	0.62	0.00	0.2%
NC_1288	10	4364	1.93	1.94	0.16	1.96	1.96	1.65	1.73	1.71	1.13	1.07	0.61	0.67	1.96	0.00	-0.3%
NC_1289	10	4364	0.60	0.61	0.07	0.61	0.61	0.54	0.53	0.54	0.37	0.34	0.19	0.20	0.61	0.00	0.5%
NC_1290	20	4429	1.17	1.09	0.18	1.10	1.18	1.05	1.10	1.09	0.73	0.69	0.39	0.43	1.18	0.08	7.5%
NC_1291	20	4371	0.71	0.65	0.12	0.66	0.72	0.66	0.65	0.65	0.45	0.42	0.23	0.25	0.72	0.06	8.8%
NC_1292	20	4429	0.83	0.77	0.13	0.78	0.80	0.77	0.78	0.77	0.53	0.50	0.28	0.31	0.80	0.02	2.2%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_1293	20	4429	1.30	1.23	0.19	1.24	1.25	1.18	1.24	1.23	0.83	0.79	0.45	0.50	1.25	0.01	0.9%
NC_1294	20	4399	1.91	1.84	0.20	1.84	1.74	1.70	1.89	1.84	1.25	1.22	0.71	0.79	1.89	0.05	2.5%
NC_1295	20	4371	0.58	0.54	0.10	0.54	0.58	0.54	0.53	0.53	0.37	0.34	0.19	0.21	0.58	0.04	7.2%
NC_1296	20	4404	4.71	4.58	0.55	4.65	4.43	3.98	4.65	4.42	3.04	2.95	1.68	1.88	4.65	0.00	0.1%
NC_1297	25	4466	6.69	6.71	0.44	6.76	4.58	5.80	6.54	6.41	4.90	4.93	2.94	3.29	6.54	-0.22	-3.2%
NC_1298	10	4357	0.67	0.67	0.07	0.68	0.68	0.59	0.58	0.58	0.40	0.37	0.20	0.22	0.68	-0.01	-0.7%
NC_1299	10	4364	0.62	0.63	0.07	0.63	0.63	0.57	0.56	0.57	0.39	0.36	0.20	0.22	0.63	0.00	0.3%
NC_1300	10	4357	0.67	0.68	0.07	0.69	0.69	0.62	0.61	0.62	0.42	0.39	0.22	0.24	0.69	0.00	-0.7%
NC_1301	45	4534	37.52	37.48	1.38	37.95	11.63	25.24	25.96	25.90	33.79	36.50	24.24	26.69	36.50	-1.45	-3.8%
NC_1302	10	4364	0.68	0.69	0.07	0.69	0.69	0.61	0.60	0.60	0.41	0.38	0.21	0.23	0.69	0.00	0.1%
NC_1303	20	4399	0.97	0.94	0.10	0.94	0.89	0.86	0.96	0.94	0.62	0.61	0.35	0.39	0.96	0.02	2.2%
NC_1304	25	4394	6.04	6.14	0.47	6.19	4.38	5.33	6.05	5.91	4.43	4.37	2.60	2.90	6.05	-0.14	-2.3%
NC_1305	10	4364	0.67	0.67	0.07	0.68	0.68	0.61	0.59	0.60	0.41	0.38	0.21	0.23	0.68	0.00	0.0%
NC_1306	10	4364	1.19	1.20	0.10	1.21	1.21	1.05	1.09	1.07	0.72	0.68	0.38	0.42	1.21	0.00	0.1%
NC_1307	20	4429	1.83	1.73	0.25	1.75	1.83	1.61	1.75	1.71	1.14	1.09	0.62	0.69	1.83	0.08	4.7%
NC_1308	10	4364	0.63	0.63	0.07	0.64	0.64	0.56	0.55	0.55	0.38	0.35	0.19	0.21	0.64	0.00	-0.6%
NC_1309	10	4364	1.10	1.11	0.10	1.12	1.12	0.95	0.98	0.97	0.65	0.62	0.34	0.38	1.12	0.00	-0.2%
NC_1310	20	4399	6.28	6.14	0.65	6.15	5.83	5.21	6.27	5.90	4.10	4.01	2.26	2.56	6.27	0.12	1.9%
NC_1311	20	4429	4.76	4.64	0.54	4.70	4.48	4.04	4.70	4.45	3.09	3.00	1.70	1.92	4.70	0.00	0.0%
NC_1312	20	4429	1.26	1.21	0.15	1.22	1.21	1.15	1.22	1.20	0.79	0.75	0.44	0.49	1.22	0.00	-0.4%
NC_1313	20	4429	1.53	1.43	0.23	1.44	1.55	1.37	1.44	1.42	0.95	0.90	0.51	0.57	1.55	0.11	7.6%
NC_1314	10	4364	0.64	0.65	0.07	0.65	0.65	0.58	0.56	0.57	0.39	0.36	0.20	0.22	0.65	0.00	0.0%
NC_1315	10	4357	0.67	0.67	0.07	0.68	0.68	0.62	0.60	0.61	0.42	0.39	0.21	0.23	0.68	0.00	-0.3%
NC_1316	20	4371	0.68	0.63	0.12	0.63	0.69	0.63	0.62	0.63	0.43	0.40	0.22	0.24	0.69	0.06	9.0%
NC_1317	20	4429	2.58	2.46	0.33	2.50	2.50	2.27	2.50	2.43	1.64	1.58	0.90	1.00	2.50	0.00	0.0%
NC_1318	10	4364	0.75	0.76	0.08	0.76	0.76	0.68	0.67	0.68	0.46	0.43	0.24	0.26	0.76	0.00	0.4%
NC_1319	60	4558	8.88	8.74	0.34	8.74	3.86	5.37	5.58	5.58	6.94	6.69	5.67	5.57	6.94	-1.80	-20.5%
NC_1320	10	4364	1.35	1.35	0.11	1.36	1.36	1.17	1.23	1.21	0.80	0.76	0.43	0.47	1.36	0.00	0.2%
NC_1321	30	4498	6.37	6.30	0.45	6.43	4.29	5.61	6.02	5.97	4.93	5.15	3.29	3.66	6.02	-0.41	-6.4%
NC_1322	30	4498	6.36	6.28	0.43	6.41	4.23	5.58	5.96	5.92	4.92	5.18	3.35	3.72	5.96	-0.45	-7.0%
NC_1323	20	4371	0.40	0.38	0.07	0.38	0.39	0.38	0.37	0.37	0.26	0.24	0.13	0.15	0.39	0.01	1.6%
NC_1324	45	4534	22.12	22.08	1.11	22.47	12.20	18.24	19.14	19.06	19.17	19.52	13.70	14.70	19.52	-2.95	-13.1%
NC_1325	25	4460	6.76	6.83	0.46	6.90	4.76	6.15	6.65	6.54	5.59	5.30	3.38	3.70	6.65	-0.25	-3.6%
NC_1326	20	4371	0.46	0.43	0.08	0.43	0.43	0.43	0.43	0.43	0.30	0.28	0.16	0.17	0.43	0.00	0.5%
NC_1327	45	4528	6.75	6.73	0.45	6.92	3.79	5.68	6.01	5.97	5.77	5.78	3.74	4.09	6.01	-0.91	-13.2%
NC_1328	20	4429	0.97	0.94	0.11	0.95	0.94	0.85	0.95	0.92	0.60	0.59	0.34	0.38	0.95	0.00	-0.1%
NC_1329	20	4371	0.70	0.66	0.12	0.66	0.68	0.66	0.66	0.66	0.46	0.42	0.24	0.26	0.68	0.02	3.2%
NC_1330	25	4394	3.03	3.04	0.19	3.04	1.91	2.75	2.97	2.93	2.46	2.34	1.48	1.61	2.97	-0.08	-2.5%
NC_1331	20	4399	0.92	0.91	0.08	0.92	0.69	0.85	0.93	0.91	0.67	0.66	0.39	0.43	0.93	0.01	1.3%
NC_1332	20	4429	0.72	0.68	0.11	0.68	0.63	0.68	0.68	0.68	0.49	0.45	0.26	0.29	0.68	0.00	0.6%
NC_1333	30	4498	5.09	5.07	0.34	5.12	3.10	4.46	4.68	4.66	4.45	4.29	2.80	3.02	4.68	-0.44	-8.7%
NC_1334	30	4498	3.69	3.65	0.33	3.69	2.13	3.20	3.44	3.40	3.17	3.05	1.94	2.12	3.44	-0.25	-6.8%
NC_1335	20	4404	5.52	5.50	0.44	5.50	4.50	4.97	5.57	5.42	4.15	4.00	2.40	2.66	5.57	0.07	1.3%
NC_1336	20	4428	3.92	3.88	0.31	3.89	3.42	3.41	3.94	3.77	2.88	2.77	1.65	1.86	3.94	0.05	1.3%
NC_1337	20	4399	8.79	8.76	0.60	8.84	6.96	7.80	8.87	8.63	6.48	6.30	3.73	4.17	8.87	0.03	0.3%
NC_1338	20	4429	1.81	1.72	0.26	1.73	1.73	1.64	1.73	1.70	1.16	1.10	0.63	0.70	1.73	0.00	0.2%
NC_1339	20	4433	0.97	0.96	0.07	0.97	0.65	0.93	0.98	0.97	0.80	0.76	0.47	0.52	0.98	0.01	0.5%
NC_1340	20	4371	0.59	0.55	0.10	0.55	0.58	0.55	0.54	0.55	0.38	0.35	0.19	0.21	0.58	0.03	5.6%
NC_1341	20	4433	1.45	1.40	0.16	1.41	1.25	1.37	1.42	1.41	1.05	1.00	0.61	0.67	1.42	0.01	0.8%
NC_1342	20	4433	0.76	0.75	0.08	0.75	0.57	0.72	0.76	0.75	0.57	0.55	0.33	0.37	0.76	0.01	1.6%
NC_1343	20	4433	2.81	2.74	0.28	2.74	2.42	2.59	2.80	2.74	2.03	1.96	1.18	1.31	2.80	0.06	2.0%
NC_1344	20	4429	0.89	0.85	0.13	0.86	0.79	0.85	0.86	0.86	0.62	0.57	0.34	0.38	0.86	0.00	-0.5%
NC_1345	20	4429	0.48	0.46	0.07	0.47	0.41	0.46	0.47	0.47	0.33	0.30	0.18	0.20	0.47	0.00	-0.9%
NC_1346	20	4433	0.57	0.54	0.09	0.54	0.52	0.54	0.53	0.54	0.38	0.35	0.20	0.22	0.54	0.00	-0.7%
NC_1347	20	4433	3.04	2.89	0.38	2.92	2.66	2.78	2.98	2.92	2.06	1.96	1.13	1.27	2.98	0.06	2.1%
NC_1348	10	4357	0.58	0.59	0.06	0.59	0.59	0.54	0.53	0.53	0.37	0.34	0.19	0.20	0.59	0.00	0.5%
NC_1349	20	4429	1.81	1.72	0.24	1.74	1.77	1.63	1.74	1.71	1.15	1.09	0.63	0.70	1.77	0.03	1.6%
NC_1350	20	4428	9.74	9.61	0.91	9.65	8.43	8.23	9.78	9.26	6.73	6.55	3.73	4.22	9.78	0.13	1.4%
NC_1351	20	4429	1.25	1.17	0.19	1.18	1.24	1.13	1.18	1.17	0.78	0.74	0.42	0.47	1.24	0.06	5.3%
NC_1352	20	4371	0.73	0.68	0.13	0.68	0.74	0.68	0.67	0.67	0.46	0.43	0.24	0.26	0.74	0.06	9.3%
NC_1353	20	4371	0.63	0.58	0.11	0.58	0.63	0.58	0.57	0.58	0.40	0.37	0.20	0.23	0.63	0.05	8.3%
NC_1354	20	4429	1.84	1.76	0.24	1.77	1.78	1.66	1.77	1.74	1.17	1.12	0.65	0.72	1.78	0.01	0.5%
NC_1355	20	4429	1.20	1.12	0.18	1.13	1.20	1.08	1.13	1.12	0.75	0.71	0.40	0.44	1.20	0.07	5.9%
NC_1356	20	4399	10.19	10.10	0.90	10.20	8.63	8.52	10.24	9.71	7.15	6.97	3.98	4.49	10.24	0.04	0.4%
NC_1357	10	4364	0.41	0.42	0.05	0.42	0.42	0.37	0.35	0.36	0.25	0.23	0.12	0.13	0.42	0.00	-0.2%
NC_1358	20	4399	2.55	2.46	0.26	2.47	2.36	2.20	2.53	2.44	1.64	1.61	0.92	1.03	2.53	0.06	2.6%
NC_1359	10	4357	0.68	0.69	0.07	0.69	0.69	0.63	0.62	0.62	0.43	0.40	0.22	0.24	0.69	0.00	0.1%
NC_1360	20	4429	1.23	1.15	0.19	1.15	1.23	1.11	1.15	1.14	0.77	0.73	0.41	0.46	1.23	0.08	7.0%
NC_1361	60	4558	5.01	5.01	0.96	5.02	1.73	2.85	2.89	2.89	5.51	5.47	3.49	3.36	5.51	0.49	9.7%
NC_1362	20	4429	2.97	2.89	0.33	2.94	2.78	2.54	2.94	2.82	1.93	1.87	1.07	1.20	2.94	0.00	-0.1%
NC_1363	20	4429	2.46	2.36	0.32	2.38	2.39	2.19	2.38	2.33	1.58	1.51	0.87	0.97	2.39	0.01	0.3%
NC_1364	10	4364	1.03	1.04	0.09	1.04	1.04	0.92	0.95	0.94	0.63	0.60	0.34	0.37	1.04	0.00	0.4%
NC_1365	20	4399	6.59	6.47	0.65	6.48	6.03	5.52	6.60	6.24	4.36	4.26	2.41	2.73	6.60	0.11	1.8%
NC_1366	20	4429	4.03	3.93	0.45	3.99	3.77	3.45	3.99	3.82	2.61	2.54	1.45	1.63	3.99	0.00	-0.1%
NC_1367	20	4429	1.92	1.84	0.24	1.87	1.88	1.68	1.87	1.81	1.21	1.17	0.67	0.75	1.88	0.01	0.7%
NC_1368	25	4460	3.05	3.04	0.20	3.04	2.35	2.90	3.00	2.99	2.63	2.45	1.62	1.77	3.00	-0.04	-1.5%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_1369	10	4364	0.61	0.61	0.07	0.62	0.62	0.55	0.54	0.54	0.37	0.35	0.19	0.21	0.62	0.00	-0.5%
NC_1370	20	4429	1.39	1.32	0.20	1.33	1.36	1.26	1.33	1.31	0.88	0.84	0.48	0.53	1.36	0.03	2.6%
NC_1371	90	4395	30.34	30.65	2.69	30.88	7.69	15.88	15.96	15.97	30.88	31.35	26.86	26.31	31.35	0.47	1.5%
NC_1372	20	4429	1.46	1.39	0.20	1.40	1.43	1.31	1.40	1.37	0.94	0.89	0.51	0.56	1.43	0.03	2.0%
NC_1373	60	4558	24.52	24.39	0.92	24.39	5.51	13.44	13.51	13.52	24.56	25.04	20.98	21.07	25.04	0.65	2.7%
NC_1374	10	4357	0.41	0.41	0.05	0.42	0.42	0.37	0.36	0.36	0.25	0.23	0.13	0.14	0.42	0.00	-0.5%
NC_1375	20	4429	0.85	0.80	0.14	0.80	0.83	0.79	0.80	0.80	0.55	0.51	0.29	0.32	0.83	0.03	3.9%
NC_1376	20	4429	1.65	1.56	0.23	1.58	1.63	1.48	1.58	1.55	1.05	1.00	0.57	0.63	1.63	0.05	2.9%
NC_1377	20	4433	0.71	0.68	0.10	0.69	0.58	0.68	0.69	0.69	0.50	0.47	0.28	0.31	0.69	0.00	0.1%
NC_1378	20	4433	0.56	0.53	0.09	0.54	0.51	0.53	0.53	0.54	0.38	0.35	0.20	0.22	0.54	-0.01	-0.9%
NC_1379	20	4399	2.63	2.62	0.19	2.63	2.08	2.42	2.64	2.58	2.11	2.01	1.24	1.36	2.64	0.01	0.5%
NC_1380	20	4429	2.93	2.85	0.32	2.89	2.78	2.55	2.89	2.79	1.96	1.88	1.09	1.23	2.89	0.00	0.1%
NC_1381	20	4367	0.62	0.59	0.10	0.59	0.56	0.59	0.59	0.60	0.42	0.39	0.22	0.25	0.60	0.01	0.8%
NC_1382	20	4371	0.87	0.81	0.15	0.81	0.88	0.81	0.80	0.81	0.56	0.52	0.29	0.32	0.88	0.07	8.4%
NC_1383	20	4399	1.74	1.70	0.16	1.71	1.52	1.55	1.74	1.69	1.16	1.14	0.66	0.74	1.74	0.03	1.5%
NC_1384	20	4429	1.22	1.15	0.18	1.16	1.21	1.10	1.16	1.14	0.77	0.73	0.42	0.46	1.21	0.05	4.1%
NC_1385	10	4364	0.72	0.72	0.07	0.72	0.72	0.62	0.61	0.62	0.42	0.39	0.21	0.23	0.72	0.00	0.6%
NC_1386	60	4558	19.24	19.11	1.42	19.13	7.86	13.36	13.68	13.68	18.51	18.57	14.32	15.01	18.57	-0.56	-2.9%
NC_1387	20	4399	1.85	1.83	0.15	1.84	1.57	1.72	1.85	1.83	1.34	1.29	0.79	0.87	1.85	0.01	0.5%
NC_1388	30	4498	2.29	2.27	0.16	2.30	1.40	2.02	2.13	2.12	1.97	1.89	1.22	1.33	2.13	-0.17	-7.3%
NC_1389	20	4371	0.59	0.55	0.10	0.56	0.58	0.56	0.55	0.55	0.38	0.35	0.20	0.22	0.58	0.02	2.9%
NC_1390	20	4429	2.24	2.12	0.31	2.15	2.22	2.00	2.15	2.10	1.41	1.34	0.77	0.85	2.22	0.07	3.3%
NC_1391	20	4371	0.70	0.65	0.12	0.65	0.71	0.65	0.64	0.65	0.45	0.41	0.23	0.25	0.71	0.05	8.5%
NC_1392	20	4429	1.05	0.98	0.17	0.98	1.06	0.95	0.98	0.97	0.66	0.62	0.35	0.39	1.06	0.08	8.3%
NC_1393	60	4558	26.93	26.72	2.06	26.75	12.20	19.64	20.24	20.23	26.00	25.99	20.04	20.97	26.00	-0.75	-2.8%
NC_1394	45	4528	7.06	7.03	0.43	7.26	4.31	6.00	6.47	6.42	6.55	6.43	4.67	4.96	6.55	-0.71	-9.8%
NC_1395	45	4528	7.04	7.00	0.50	7.19	4.54	6.12	6.66	6.58	6.62	6.35	4.57	4.82	6.66	-0.53	-7.3%
NC_1396	20	4428	1.62	1.62	0.10	1.62	1.15	1.48	1.64	1.61	1.24	1.20	0.72	0.80	1.64	0.02	1.2%
NC_1397	10	4364	0.76	0.77	0.08	0.78	0.78	0.69	0.68	0.69	0.47	0.44	0.24	0.26	0.78	0.00	-0.5%
NC_1398	20	4404	1.86	1.84	0.15	1.84	1.63	1.63	1.87	1.81	1.20	1.18	0.68	0.76	1.87	0.02	1.4%
NC_1399	10	4364	0.67	0.67	0.07	0.68	0.68	0.61	0.60	0.60	0.41	0.38	0.21	0.23	0.68	0.00	-0.1%
NC_1400	20	4371	0.64	0.59	0.11	0.60	0.64	0.60	0.59	0.59	0.41	0.38	0.21	0.23	0.64	0.04	6.2%
NC_1401	10	4357	0.95	0.96	0.05	0.96	0.96	0.78	0.87	0.85	0.55	0.53	0.30	0.33	0.96	0.00	0.2%
NC_1402	10	4365	0.04	0.04	0.00	0.05	0.04	0.04	0.03	0.04	0.02	0.02	0.01	0.01	0.04	-0.01	-14.0%
NC_1403	20	4433	1.01	0.97	0.11	0.98	0.89	0.94	0.99	0.98	0.68	0.66	0.39	0.43	0.99	0.01	0.7%
NC_1404	20	4429	1.58	1.53	0.17	1.54	1.51	1.42	1.54	1.51	1.05	1.00	0.59	0.67	1.54	0.00	0.3%
NC_1405	20	4429	2.02	2.02	0.09	2.02	1.43	1.90	2.02	2.01	1.41	1.36	0.83	0.92	2.02	0.00	0.0%
NC_1406	10	4354	0.05	0.05	0.00	0.05	0.05	0.05	0.04	0.04	0.03	0.03	0.01	0.01	0.05	0.00	-4.0%
NC_1407	20	4371	0.22	0.21	0.04	0.21	0.22	0.21	0.20	0.20	0.14	0.13	0.07	0.08	0.22	0.01	4.8%
NC_1408	20	4429	1.68	1.60	0.23	1.61	1.64	1.51	1.61	1.58	1.07	1.02	0.59	0.65	1.64	0.03	1.7%
NC_1409	20	4433	0.90	0.84	0.15	0.84	0.89	0.84	0.83	0.84	0.58	0.54	0.30	0.33	0.89	0.05	5.7%
NC_1410	10	4364	0.69	0.70	0.07	0.70	0.70	0.62	0.60	0.61	0.42	0.39	0.21	0.23	0.70	0.00	0.4%
NC_1411	10	4364	1.43	1.44	0.14	1.45	1.45	1.29	1.30	1.30	0.89	0.83	0.47	0.51	1.45	0.00	-0.2%
NC_1412	20	4428	1.72	1.69	0.14	1.71	1.50	1.46	1.73	1.67	1.12	1.10	0.62	0.70	1.73	0.02	1.3%
NC_1413	10	4364	0.31	0.31	0.03	0.31	0.31	0.27	0.26	0.26	0.18	0.17	0.09	0.10	0.31	0.00	-0.3%
NC_1414	10	4364	0.74	0.74	0.08	0.75	0.75	0.64	0.62	0.63	0.43	0.40	0.22	0.24	0.75	0.00	-0.1%
NC_1415	20	4429	3.93	3.94	0.23	3.96	3.17	3.46	3.96	3.88	2.70	2.63	1.56	1.77	3.96	0.00	0.1%
NC_1416	20	4429	1.86	1.80	0.19	1.83	1.80	1.63	1.83	1.77	1.23	1.18	0.69	0.79	1.83	-0.01	-0.3%
NC_1417	20	4428	2.80	2.79	0.19	2.82	2.41	2.46	2.83	2.75	1.90	1.85	1.09	1.25	2.83	0.01	0.2%
NC_1418	10	4364	0.77	0.76	0.07	0.77	0.77	0.65	0.62	0.65	0.43	0.40	0.22	0.24	0.77	0.00	-0.4%
NC_1419	25	4461	3.95	3.92	0.25	3.94	2.92	3.49	3.91	3.87	2.79	2.77	1.67	1.89	3.91	-0.03	-0.8%
NC_1420	20	4429	7.98	7.99	0.44	8.03	6.29	7.11	8.03	7.87	5.61	5.45	3.29	3.69	8.03	0.00	0.0%
NC_1421	60	4558	46.35	45.61	1.89	45.65	19.55	31.71	32.20	32.23	43.44	43.39	38.16	37.22	43.44	-2.21	-4.8%
NC_1422	10	4364	1.55	1.55	0.13	1.56	1.56	1.28	1.28	1.29	0.83	0.79	0.44	0.48	1.56	0.00	0.0%
NC_1423	15	4401	4.82	4.63	0.51	4.65	4.77	4.09	4.69	4.50	3.04	2.94	1.68	1.88	4.77	0.12	2.6%
NC_1424	20	4367	0.52	0.49	0.08	0.49	0.46	0.49	0.49	0.49	0.34	0.32	0.18	0.20	0.49	0.00	0.0%
NC_1425	60	4558	33.76	33.34	1.78	33.36	14.04	22.93	23.46	23.46	32.27	32.10	26.92	26.77	32.27	-1.09	-3.3%
NC_1426	20	4367	1.91	1.83	0.24	1.85	1.83	1.70	1.86	1.82	1.21	1.17	0.68	0.75	1.86	0.01	0.8%
NC_1427	10	4364	3.73	3.75	0.16	3.76	3.76	3.01	3.43	3.30	2.15	2.08	1.19	1.32	3.76	0.00	0.0%
NC_1428	10	4364	1.88	1.89	0.15	1.90	1.90	1.53	1.58	1.56	1.01	0.97	0.55	0.59	1.90	0.00	0.1%
NC_1429	10	4364	1.43	1.43	0.13	1.44	1.44	1.21	1.19	1.21	0.80	0.75	0.41	0.45	1.44	0.00	0.1%
NC_1430	10	4364	1.51	1.52	0.15	1.53	1.53	1.30	1.31	1.31	0.88	0.82	0.46	0.50	1.53	0.00	0.0%
NC_1431	10	4364	1.73	1.73	0.14	1.75	1.75	1.42	1.45	1.43	0.94	0.90	0.50	0.55	1.75	0.00	-0.3%
NC_1432	10	4364	2.54	2.55	0.15	2.56	2.56	2.15	2.36	2.30	1.51	1.45	0.83	0.92	2.56	0.00	0.1%
NC_1433	15	4401	9.15	9.00	0.68	9.10	8.73	7.32	8.87	8.40	5.55	5.48	3.08	3.46	8.87	-0.23	-2.5%
NC_1434	15	4401	15.16	15.05	0.94	15.17	13.71	12.41	15.09	14.44	9.81	9.68	5.47	6.19	15.09	-0.08	-0.6%
NC_1435	20	4428	3.17	3.15	0.23	3.20	2.71	2.74	3.20	3.10	2.08	2.05	1.17	1.33	3.20	0.00	0.0%
NC_1436	20	4433	0.84	0.79	0.13	0.79	0.79	0.79	0.79	0.79	0.56	0.52	0.29	0.33	0.79	0.00	0.5%
NC_1437	10	4364	0.71	0.72	0.08	0.72	0.72	0.63	0.62	0.63	0.43	0.40	0.22	0.24	0.72	0.00	0.4%
NC_1438	10	4364	1.55	1.56	0.15	1.57	1.57	1.35	1.36	1.36	0.92	0.86	0.48	0.52	1.57	0.00	0.3%
NC_1439	20	4433	0.48	0.46	0.07	0.47	0.39	0.46	0.47	0.47	0.33	0.31	0.18	0.21	0.47	0.00	-0.6%
NC_1440	10	4364	2.20	2.21	0.13	2.22	2.22	1.88	2.06	2.01	1.33	1.27	0.73	0.81	2.22	0.00	-0.2%
NC_1441	10	4357	0.68	0.68	0.07	0.69	0.69	0.59	0.58	0.58	0.40	0.37	0.20	0.22	0.69	0.00	-0.1%
NC_1442	10	4364	1.23	1.24	0.11	1.25	1.25	1.09	1.12	1.11	0.74	0.70	0.39	0.43	1.25	0.00	0.2%
NC_1443	20	4429	13.61	13.62	1.14	13.66	11.67	11.24	13.66	13.05	9.13	9.01	5.12	5.81	13.66	0.00	0.0%
NC_1444	10	4364	0.66	0.66	0.07	0.67	0.67	0.58	0.56	0.57	0.39	0.36	0.20	0.21	0.67	0.00	-0.1%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_1445	10	4364	0.71	0.72	0.08	0.72	0.72	0.63	0.62	0.62	0.43	0.40	0.22	0.24	0.72	0.00	0.3%
NC_1446	20	4429	6.38	6.36	0.49	6.41	5.40	5.39	6.41	6.15	4.62	4.49	2.65	2.95	6.41	0.00	-0.1%
NC_1447	10	4364	0.65	0.65	0.07	0.66	0.66	0.58	0.56	0.57	0.39	0.36	0.20	0.21	0.66	0.00	-0.5%
NC_1448	60	4558	39.07	38.30	2.27	38.45	13.35	24.66	25.24	25.21	36.12	38.69	27.95	29.47	38.69	0.24	0.6%
NC_1449	10	4364	1.95	1.97	0.15	1.98	1.98	1.69	1.78	1.76	1.16	1.10	0.63	0.69	1.98	0.00	-0.2%
NC_1450	10	4364	0.83	0.83	0.08	0.84	0.84	0.72	0.71	0.71	0.49	0.45	0.25	0.27	0.84	0.00	-0.2%
NC_1451	10	4364	0.82	0.83	0.09	0.83	0.83	0.75	0.74	0.74	0.51	0.47	0.26	0.29	0.83	0.00	0.2%
NC_1452	10	4364	0.75	0.75	0.08	0.76	0.76	0.68	0.67	0.68	0.46	0.43	0.24	0.26	0.76	0.00	-0.3%
NC_1453	10	4357	0.69	0.70	0.07	0.70	0.70	0.62	0.60	0.61	0.42	0.39	0.21	0.23	0.70	0.00	0.1%
NC_1454	10	4364	1.98	1.99	0.15	2.01	2.01	1.73	1.84	1.81	1.19	1.13	0.65	0.71	2.01	0.00	-0.2%
NC_1455	25	4464	2.08	2.07	0.12	2.08	1.27	1.91	1.99	1.98	1.84	1.71	1.13	1.21	1.99	-0.09	-4.4%
NC_1456	20	4371	0.59	0.55	0.10	0.55	0.56	0.55	0.55	0.55	0.38	0.35	0.20	0.22	0.56	0.01	2.4%
NC_1457	20	4433	0.70	0.68	0.08	0.69	0.50	0.67	0.70	0.69	0.53	0.51	0.31	0.34	0.70	0.01	1.0%
NC_1458	10	4364	1.34	1.35	0.13	1.36	1.36	1.23	1.24	1.24	0.85	0.79	0.44	0.49	1.36	0.00	0.1%
NC_1459	20	4433	0.52	0.50	0.08	0.50	0.43	0.49	0.50	0.50	0.36	0.33	0.19	0.22	0.50	0.00	0.4%
NC_1460	25	4394	1.70	1.70	0.11	1.71	1.11	1.55	1.65	1.64	1.41	1.34	0.84	0.92	1.65	-0.06	-3.5%
NC_1461	25	4460	2.17	2.16	0.17	2.17	1.66	2.04	2.16	2.14	1.77	1.68	1.05	1.15	2.16	-0.01	-0.4%
NC_1462	20	4399	2.44	2.43	0.16	2.43	1.94	2.28	2.45	2.41	1.98	1.89	1.18	1.31	2.45	0.02	0.7%
NC_1463	20	4399	6.96	6.81	0.58	6.83	5.99	6.40	6.91	6.75	5.13	4.87	3.04	3.36	6.91	0.08	1.1%
NC_1464	10	4364	0.65	0.66	0.07	0.66	0.66	0.60	0.59	0.59	0.41	0.38	0.21	0.23	0.66	0.00	0.6%
NC_1465	20	4429	11.20	11.20	0.81	11.30	9.05	9.55	11.30	10.87	8.27	8.03	4.78	5.41	11.30	0.00	0.0%
NC_1466	10	4357	0.68	0.69	0.07	0.70	0.70	0.62	0.60	0.61	0.42	0.39	0.21	0.23	0.70	0.00	-0.6%
NC_1467	10	4357	0.62	0.63	0.07	0.63	0.63	0.57	0.55	0.56	0.39	0.36	0.20	0.21	0.63	0.00	0.2%
NC_1468	10	4357	0.66	0.67	0.07	0.67	0.67	0.61	0.60	0.60	0.41	0.38	0.21	0.23	0.67	0.00	0.6%
NC_1469	10	4364	1.53	1.55	0.12	1.55	1.55	1.35	1.42	1.40	0.93	0.88	0.50	0.55	1.55	0.00	0.3%
NC_1470	10	4357	0.68	0.68	0.07	0.69	0.69	0.61	0.60	0.61	0.42	0.39	0.21	0.23	0.69	0.00	-0.3%
NC_1471	10	4364	1.62	1.63	0.13	1.64	1.64	1.43	1.51	1.49	0.99	0.94	0.53	0.59	1.64	0.00	-0.1%
NC_1472	10	4364	0.62	0.62	0.07	0.63	0.63	0.56	0.55	0.55	0.38	0.35	0.19	0.21	0.63	0.00	0.0%
NC_1473	10	4357	0.64	0.65	0.07	0.65	0.65	0.57	0.56	0.57	0.39	0.36	0.20	0.21	0.65	0.00	0.5%
NC_1474	10	4364	0.68	0.68	0.07	0.69	0.69	0.60	0.58	0.59	0.40	0.38	0.20	0.22	0.69	0.00	-0.6%
NC_1475	20	4433	1.06	0.98	0.17	0.98	1.07	0.98	0.98	0.98	0.68	0.63	0.35	0.39	1.07	0.09	8.8%
NC_1476	10	4357	0.43	0.42	0.04	0.43	0.43	0.37	0.35	0.36	0.25	0.23	0.12	0.13	0.43	0.00	-0.7%
NC_1477	20	4429	1.21	1.13	0.18	1.14	1.21	1.08	1.14	1.12	0.75	0.71	0.40	0.45	1.21	0.07	6.0%
NC_1478	720	4785	16.36	15.41	3.32	15.95	6.73	9.93	9.95	9.96	15.06	15.58	16.36	14.44	16.36	0.41	2.6%
NC_1479	25	4460	1.49	1.49	0.13	1.49	0.94	1.42	1.48	1.46	1.33	1.24	0.83	0.88	1.48	-0.01	-0.8%
NC_1480	30	4498	4.16	4.10	0.40	4.13	2.10	3.59	3.87	3.80	3.74	3.54	2.30	2.49	3.87	-0.26	-6.2%
NC_1481	45	4528	4.93	4.87	0.46	5.05	2.42	4.19	4.51	4.43	4.38	4.23	2.71	2.96	4.51	-0.54	-10.7%
NC_1482	25	4394	14.25	14.47	0.91	14.55	8.60	12.38	13.63	13.37	11.57	11.54	7.04	7.85	13.63	-0.92	-6.3%
NC_1483	25	4461	2.72	2.77	0.25	2.78	1.73	2.35	2.71	2.61	2.15	2.08	1.23	1.38	2.71	-0.07	-2.7%
NC_1484	20	4433	0.69	0.67	0.08	0.68	0.48	0.65	0.69	0.68	0.52	0.50	0.31	0.34	0.69	0.01	0.7%
NC_1485	20	4433	1.12	1.08	0.15	1.09	0.94	1.07	1.09	1.09	0.81	0.76	0.46	0.51	1.09	0.00	-0.1%
NC_1486	20	4433	0.67	0.65	0.07	0.66	0.46	0.63	0.67	0.66	0.51	0.49	0.30	0.33	0.67	0.01	0.9%
NC_1487	25	4461	5.68	5.60	0.31	5.63	3.85	4.92	5.48	5.41	4.05	4.16	2.46	2.77	5.48	-0.15	-2.7%
NC_1488	25	4394	3.37	3.39	0.16	3.40	2.28	3.08	3.27	3.26	2.76	2.64	1.70	1.85	3.27	-0.13	-3.9%
NC_1489	60	4558	19.70	19.53	1.61	19.54	5.40	12.69	12.84	12.83	18.85	19.14	14.12	14.87	19.14	-0.40	-2.1%
NC_1490	20	4433	0.94	0.92	0.09	0.92	0.64	0.89	0.93	0.92	0.75	0.71	0.45	0.49	0.93	0.01	1.4%
NC_1491	20	4399	4.86	4.85	0.45	4.86	4.35	4.03	4.87	4.61	3.26	3.18	1.81	2.04	4.87	0.01	0.1%
NC_1492	15	4401	14.25	14.27	0.75	14.40	12.98	11.15	13.98	13.34	8.72	8.63	4.85	5.47	13.98	-0.42	-2.9%
NC_1493	25	4394	20.90	21.16	1.29	21.29	15.21	18.56	20.50	20.12	22.64	21.45	16.30	16.68	22.64	1.35	6.3%
NC_1494	20	4429	1.64	1.54	0.24	1.55	1.65	1.47	1.55	1.53	1.02	0.96	0.55	0.61	1.65	0.10	6.4%
NC_1495	10	4364	1.39	1.39	0.13	1.40	1.40	1.18	1.15	1.18	0.78	0.73	0.40	0.44	1.40	0.00	0.1%
NC_1496	10	4364	1.81	1.82	0.14	1.83	1.83	1.58	1.67	1.65	1.09	1.03	0.59	0.65	1.83	0.00	0.2%
NC_1497	15	4401	2.79	2.65	0.32	2.66	2.79	2.39	2.68	2.60	1.69	1.65	0.95	1.05	2.79	0.13	5.0%
NC_1498	20	4371	0.47	0.44	0.08	0.45	0.45	0.45	0.44	0.44	0.31	0.29	0.16	0.18	0.45	-0.01	-1.1%
NC_1499	20	4371	0.59	0.55	0.11	0.55	0.60	0.55	0.54	0.54	0.37	0.35	0.19	0.21	0.60	0.05	8.9%
NC_1500	20	4399	4.60	4.47	0.47	4.50	4.10	3.97	4.60	4.40	3.10	3.02	1.73	1.94	4.60	0.10	2.1%
NC_1501	120	4499	34.55	34.23	4.36	35.15	15.48	22.37	23.66	23.46	34.48	35.15	32.90	31.28	35.15	0.00	0.0%
NC_1502	10	4357	0.54	0.54	0.06	0.54	0.54	0.47	0.45	0.46	0.32	0.29	0.16	0.17	0.54	0.00	0.4%
NC_1503	20	4429	2.69	2.58	0.33	2.62	2.59	2.37	2.62	2.55	1.71	1.65	0.95	1.06	2.62	0.00	0.0%
NC_1504	20	4371	0.48	0.45	0.09	0.45	0.48	0.45	0.44	0.44	0.31	0.28	0.16	0.17	0.48	0.03	5.8%
NC_1505	10	4357	0.29	0.28	0.03	0.29	0.29	0.25	0.24	0.24	0.17	0.15	0.08	0.09	0.29	0.00	-1.0%
NC_1506	20	4429	2.09	1.98	0.28	2.00	2.07	1.86	2.00	1.96	1.33	1.26	0.73	0.81	2.07	0.07	3.5%
NC_1507	20	4429	2.19	2.08	0.29	2.10	2.15	1.96	2.10	2.07	1.38	1.32	0.76	0.85	2.15	0.05	2.3%
NC_1508	20	4433	0.93	0.86	0.15	0.86	0.92	0.86	0.86	0.86	0.60	0.55	0.31	0.34	0.92	0.06	7.2%
NC_1509	20	4429	1.47	1.39	0.22	1.39	1.42	1.37	1.39	1.39	0.97	0.90	0.52	0.58	1.42	0.03	2.0%
NC_1510	20	4367	3.75	3.66	0.39	3.69	3.45	3.20	3.73	3.57	2.50	2.42	1.39	1.56	3.73	0.04	1.0%
NC_1511	10	4364	0.80	0.81	0.09	0.82	0.82	0.73	0.72	0.72	0.50	0.46	0.25	0.28	0.82	0.00	-0.2%
NC_1512	20	4429	1.54	1.45	0.22	1.46	1.56	1.38	1.46	1.44	0.96	0.91	0.52	0.58	1.56	0.10	6.5%
NC_1513	20	4429	1.86	1.78	0.24	1.80	1.78	1.68	1.80	1.77	1.20	1.14	0.66	0.74	1.80	0.00	-0.1%
NC_1514	20	4433	0.95	0.89	0.15	0.89	0.93	0.89	0.89	0.89	0.62	0.57	0.32	0.36	0.93	0.04	4.7%
NC_1515	20	4433	0.99	0.92	0.16	0.92	0.99	0.92	0.92	0.92	0.64	0.59	0.33	0.37	0.99	0.07	7.4%
NC_1516	20	4433	1.26	1.17	0.20	1.17	1.26	1.16	1.17	1.17	0.81	0.75	0.43	0.47	1.26	0.09	7.8%
NC_1517	20	4429	1.84	1.75	0.25	1.77	1.83	1.65	1.77	1.73	1.17	1.11	0.64	0.71	1.83	0.06	3.3%
NC_1518	20	4371	0.65	0.61	0.11	0.61	0.64	0.61	0.60	0.61	0.42	0.39	0.22	0.24	0.64	0.03	4.9%
NC_1519	20	4429	1.28	1.22	0.18	1.23	1.23	1.17	1.23	1.21	0.83	0.78	0.45	0.50	1.23	0.00	0.2%
NC_1520	45	4528	8.43	8.36	0.63	8.74	3.73	7.04	7.41	7.37	7.29	7.21	4.63	5.11	7.41	-1.33	-15.2%

ARR2019 Results for 1%AEP Event																	
Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_1521	20	4429	3.13	3.00	0.39	3.04	2.99	2.79	3.04	2.97	2.05	1.95	1.13	1.26	3.04	0.00	0.1%
NC_1522	20	4429	4.59	4.41	0.54	4.48	4.45	3.96	4.48	4.33	2.96	2.84	1.63	1.82	4.48	0.00	0.0%
NC_1523	20	4367	3.92	3.85	0.40	3.88	3.61	3.35	3.90	3.70	2.63	2.55	1.46	1.65	3.90	0.02	0.5%
NC_1524	20	4429	1.63	1.52	0.25	1.52	1.63	1.50	1.52	1.52	1.05	0.98	0.56	0.62	1.63	0.11	7.4%
NC_1525	30	4498	8.57	8.42	0.84	8.55	4.10	7.49	7.96	7.89	7.44	7.09	4.52	4.99	7.96	-0.59	-6.9%
NC_1526	25	4466	4.44	4.44	0.15	4.45	3.59	4.15	4.40	4.36	3.46	3.45	2.16	2.39	4.40	-0.05	-1.2%
NC_1527	10	4364	1.05	1.06	0.09	1.07	1.07	0.88	0.92	0.90	0.60	0.57	0.32	0.35	1.07	0.00	-0.3%
NC_1528	10	4364	0.72	0.72	0.07	0.73	0.73	0.62	0.61	0.61	0.42	0.39	0.21	0.23	0.73	0.00	-0.3%
NC_1529	20	4371	0.50	0.46	0.09	0.46	0.51	0.46	0.45	0.46	0.31	0.29	0.16	0.17	0.51	0.05	10.2%
NC_1530	45	4528	29.85	29.87	2.15	31.01	8.21	21.90	22.82	22.73	25.74	26.93	16.53	18.69	26.93	-4.08	-13.2%
NC_1531	20	4371	0.45	0.41	0.08	0.42	0.45	0.42	0.40	0.41	0.28	0.26	0.14	0.16	0.45	0.03	8.1%
NC_1532	720	4787	17.48	14.70	7.07	14.76	7.93	10.71	10.79	10.79	16.57	15.29	14.87	14.08	16.57	1.81	12.2%
NC_1533	720	4785	17.20	14.86	5.90	15.34	6.94	10.16	10.20	10.21	15.76	15.80	16.00	14.40	16.00	0.66	4.3%
NC_1534	25	4466	4.79	4.84	0.27	4.86	3.15	4.22	4.64	4.57	3.72	3.64	2.25	2.48	4.64	-0.22	-4.6%
NC_1535	20	4429	6.56	6.54	0.49	6.60	5.46	5.64	6.60	6.35	4.59	4.47	2.61	2.91	6.60	0.00	-0.1%
NC_1536	10	4357	0.67	0.67	0.07	0.68	0.68	0.60	0.59	0.59	0.41	0.38	0.21	0.23	0.68	0.00	-0.4%
NC_1537	25	4466	3.12	3.16	0.22	3.17	2.18	2.72	3.08	3.02	2.33	2.28	1.37	1.52	3.08	-0.09	-2.7%
NC_1538	10	4364	1.47	1.48	0.14	1.49	1.49	1.24	1.23	1.24	0.83	0.78	0.43	0.47	1.49	0.00	-0.2%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_1	180	4599	229.16	229.83	17.16	236.34	71.02	124.32	124.82	124.89	215.04	220.49	239.30	239.30	2.96	1.3%
NC_2	25	4464	1.09	1.09	0.08	1.09	0.64	1.01	1.07	1.06	0.92	0.87	0.55	1.07	-0.02	-1.9%
NC_3	20	4429	0.56	0.54	0.08	0.54	0.49	0.53	0.54	0.54	0.38	0.35	0.20	0.54	0.00	-0.2%
NC_4	45	4528	1.42	1.40	0.13	1.44	0.66	1.20	1.25	1.24	1.26	1.19	0.77	1.26	-0.18	-12.8%
NC_5	20	4404	7.89	7.73	0.77	7.75	7.29	6.70	7.86	7.48	5.32	5.16	2.94	7.86	0.11	1.4%
NC_6	10	4364	1.70	1.71	0.13	1.72	1.72	1.51	1.59	1.57	1.05	1.00	0.57	1.72	0.00	0.0%
NC_7	20	4433	1.39	1.29	0.22	1.29	1.40	1.28	1.29	1.29	0.89	0.83	0.47	1.40	0.11	8.1%
NC_8	20	4433	0.79	0.77	0.09	0.77	0.57	0.75	0.78	0.77	0.59	0.57	0.34	0.78	0.01	1.7%
NC_9	20	4399	2.39	2.36	0.21	2.37	2.08	2.18	2.39	2.35	1.57	1.54	0.90	2.39	0.01	0.6%
NC_10	45	4534	7.64	7.59	0.39	7.66	3.96	6.13	6.41	6.39	6.32	6.57	4.32	6.57	-1.09	-14.3%
NC_11	20	4429	4.63	4.51	0.48	4.57	4.36	4.03	4.57	4.41	3.11	2.99	1.72	4.57	0.00	0.1%
NC_12	20	4433	0.96	0.91	0.15	0.91	0.91	0.90	0.91	0.91	0.64	0.59	0.34	0.91	0.00	0.0%
NC_13	20	4433	0.64	0.61	0.09	0.62	0.51	0.61	0.62	0.62	0.45	0.42	0.25	0.62	0.00	0.6%
NC_14	20	4429	1.90	1.79	0.27	1.81	1.90	1.69	1.81	1.77	1.19	1.13	0.65	1.90	0.09	4.7%
NC_15	30	4498	1.98	1.96	0.17	1.98	0.99	1.68	1.79	1.77	1.71	1.63	1.03	1.79	-0.19	-9.5%
NC_16	20	4371	0.80	0.75	0.14	0.75	0.80	0.75	0.74	0.75	0.52	0.48	0.27	0.80	0.05	6.0%
NC_17	20	4433	0.62	0.60	0.08	0.61	0.48	0.59	0.62	0.61	0.44	0.42	0.25	0.62	0.01	0.8%
NC_18	20	4433	2.08	1.99	0.23	2.00	1.89	1.91	2.03	2.00	1.43	1.37	0.81	2.03	0.03	1.7%
NC_19	25	4464	1.03	1.02	0.09	1.03	0.63	0.96	1.02	1.00	0.85	0.81	0.50	1.02	-0.02	-1.5%
NC_20	20	4433	0.61	0.60	0.07	0.60	0.45	0.58	0.61	0.60	0.44	0.43	0.25	0.61	0.01	1.2%
NC_21	45	4534	9.33	9.30	0.48	9.39	4.78	7.46	7.71	7.71	7.84	8.00	5.35	8.00	-1.39	-14.8%
NC_22	20	4429	0.76	0.72	0.11	0.73	0.67	0.72	0.73	0.73	0.52	0.48	0.28	0.73	0.00	-0.5%
NC_23	45	4528	3.42	3.39	0.29	3.51	1.65	2.85	3.02	2.98	2.97	2.89	1.84	3.02	-0.50	-14.1%
NC_24	20	4399	1.69	1.67	0.12	1.68	1.18	1.57	1.70	1.67	1.31	1.25	0.76	1.70	0.02	1.1%
NC_25	20	4433	1.11	1.02	0.18	1.03	1.11	1.02	1.02	1.03	0.71	0.66	0.37	1.11	0.08	7.5%
NC_26	20	4433	0.68	0.65	0.09	0.66	0.57	0.64	0.66	0.66	0.47	0.44	0.26	0.66	0.00	-0.6%
NC_27	10	4364	0.99	1.00	0.10	1.01	1.01	0.87	0.86	0.86	0.59	0.55	0.30	1.01	0.00	-0.4%
NC_28	20	4433	1.31	1.26	0.15	1.27	1.13	1.24	1.28	1.27	0.93	0.89	0.53	1.28	0.01	0.9%
NC_29	20	4433	1.28	1.19	0.21	1.19	1.29	1.19	1.19	1.19	0.82	0.76	0.43	1.29	0.10	8.4%
NC_30	45	4534	12.70	12.81	0.68	13.03	5.21	9.16	9.37	9.36	11.86	11.80	8.33	11.86	-1.17	-8.9%
NC_31	20	4433	0.62	0.60	0.09	0.61	0.49	0.59	0.61	0.61	0.44	0.42	0.25	0.61	0.00	0.7%
NC_32	20	4399	2.18	2.16	0.17	2.16	1.44	2.04	2.20	2.15	1.75	1.67	1.02	2.20	0.04	1.8%
NC_33	20	4433	0.65	0.63	0.09	0.64	0.51	0.62	0.64	0.64	0.46	0.44	0.26	0.64	0.00	0.3%
NC_34	45	4528	17.71	17.88	1.18	18.24	7.60	13.34	13.72	13.67	16.42	16.22	11.22	16.42	-1.82	-10.0%
NC_35	20	4433	1.00	0.97	0.13	0.98	0.84	0.96	0.98	0.98	0.72	0.67	0.40	0.98	0.00	-0.1%
NC_36	25	4461	3.91	3.97	0.38	4.03	2.71	3.50	3.93	3.81	3.15	3.00	1.82	3.93	-0.10	-2.5%
NC_37	20	4371	0.82	0.76	0.14	0.76	0.80	0.76	0.76	0.76	0.53	0.49	0.28	0.80	0.04	5.4%
NC_38	10	4364	1.00	1.01	0.10	1.02	1.02	0.89	0.88	0.89	0.61	0.56	0.31	1.02	0.00	0.0%
NC_39	20	4433	0.78	0.75	0.11	0.76	0.66	0.74	0.76	0.76	0.55	0.51	0.30	0.76	0.00	-0.5%
NC_40	45	4528	17.69	17.82	1.02	18.23	7.45	13.12	13.50	13.45	16.29	16.29	11.43	16.29	-1.94	-10.6%
NC_41	20	4433	1.48	1.42	0.16	1.43	1.34	1.36	1.44	1.43	0.97	0.93	0.54	1.44	0.01	0.8%
NC_42	20	4399	1.22	1.20	0.11	1.20	0.96	1.11	1.22	1.20	0.88	0.85	0.50	1.22	0.02	1.8%
NC_43	20	4429	1.64	1.56	0.22	1.58	1.57	1.48	1.58	1.55	1.05	1.00	0.58	1.58	0.00	-0.2%
NC_44	20	4371	0.81	0.75	0.14	0.76	0.82	0.76	0.75	0.75	0.52	0.48	0.27	0.82	0.05	7.2%
NC_45	20	4433	1.06	0.98	0.18	0.98	1.07	0.98	0.98	0.98	0.68	0.63	0.35	1.07	0.09	9.6%
NC_46	20	4433	0.70	0.68	0.10	0.69	0.55	0.67	0.69	0.69	0.50	0.48	0.29	0.69	0.00	0.4%
NC_47	10	4364	2.14	2.15	0.15	2.16	2.16	1.88	2.00	1.97	1.30	1.24	0.71	2.16	0.00	0.2%
NC_48	20	4433	2.24	2.15	0.24	2.15	2.09	2.02	2.19	2.15	1.45	1.40	0.81	2.19	0.04	2.0%
NC_49	60	4558	17.98	17.58	1.09	17.59	8.09	10.83	10.90	10.90	16.80	16.05	14.57	16.80	-0.79	-4.5%
NC_50	20	4433	0.72	0.70	0.09	0.71	0.54	0.69	0.72	0.71	0.52	0.51	0.30	0.72	0.01	0.7%
NC_51	20	4367	2.49	2.39	0.29	2.41	2.35	2.19	2.45	2.37	1.61	1.55	0.89	2.45	0.03	1.5%
NC_52	20	4433	2.15	2.12	0.20	2.12	1.71	2.03	2.14	2.12	1.64	1.57	0.97	2.14	0.02	1.1%
NC_53	20	4399	3.38	3.35	0.28	3.36	2.46	3.09	3.41	3.31	2.65	2.53	1.53	3.41	0.05	1.6%
NC_54	20	4429	1.55	1.47	0.22	1.48	1.52	1.41	1.48	1.46	0.99	0.93	0.53	1.52	0.04	2.6%
NC_55	20	4433	0.76	0.72	0.12	0.72	0.73	0.72	0.72	0.72	0.50	0.46	0.26	0.73	0.01	1.4%
NC_56	10	4364	0.85	0.86	0.09	0.86	0.86	0.78	0.77	0.77	0.53	0.49	0.27	0.86	0.00	0.2%
NC_57	20	4433	1.17	1.11	0.18	1.11	1.11	1.10	1.11	1.11	0.78	0.72	0.41	1.11	0.00	0.2%
NC_58	60	4558	17.76	17.40	0.99	17.42	8.06	10.81	10.89	10.89	16.63	15.88	14.61	16.63	-0.79	-4.5%
NC_59	20	4433	1.20	1.11	0.19	1.11	1.20	1.11	1.11	1.11	0.77	0.71	0.40	1.20	0.09	7.7%
NC_60	20	4371	0.83	0.77	0.14	0.77	0.84	0.77	0.76	0.77	0.53	0.49	0.27	0.84	0.07	9.2%
NC_61	20	4367	0.93	0.89	0.13	0.89	0.84	0.88	0.89	0.89	0.63	0.58	0.34	0.89	0.00	-0.2%
NC_62	20	4428	9.56	9.51	0.52	9.57	8.05	8.81	9.59	9.46	6.97	6.73	4.16	9.59	0.02	0.2%
NC_63	10	4364	0.89	0.90	0.09	0.90	0.90	0.81	0.80	0.81	0.56	0.52	0.28	0.90	0.00	0.2%
NC_64	20	4428	2.57	2.57	0.16	2.59	1.92	2.32	2.60	2.54	1.91	1.84	1.10	2.60	0.01	0.4%
NC_65	10	4364	1.26	1.27	0.13	1.28	1.28	1.10	1.10	1.11	0.75	0.70	0.39	1.28	0.00	0.2%
NC_66	10	4364	0.94	0.94	0.10	0.95	0.95	0.84	0.83	0.84	0.58	0.54	0.29	0.95	0.00	0.1%
NC_67	20	4428	3.08	3.08	0.18	3.10	2.36	2.81	3.11	3.05	2.43	2.31	1.43	3.11	0.01	0.3%
NC_68	10	4364	0.95	0.95	0.10	0.96	0.96	0.83	0.82	0.82	0.56	0.52	0.29	0.96	0.00	-0.3%
NC_69	25	4461	3.31	3.34	0.16	3.35	2.12	2.97	3.18	3.17	2.70	2.59	1.64	3.18	-0.17	-5.1%
NC_70	20	4371	0.83	0.76	0.14	0.76	0.83	0.76	0.76	0.76	0.53	0.49	0.27	0.83	0.07	8.9%
NC_71	20	4371	0.80	0.75	0.14	0.75	0.80	0.75	0.74	0.75	0.52	0.48	0.27	0.80	0.05	6.3%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_72	20	4371	0.85	0.78	0.14	0.78	0.85	0.78	0.78	0.78	0.54	0.50	0.28	0.85	0.07	8.7%
NC_73	20	4433	1.84	1.79	0.18	1.80	1.61	1.70	1.82	1.80	1.25	1.22	0.73	1.82	0.02	0.9%
NC_74	20	4429	0.67	0.64	0.10	0.65	0.57	0.64	0.65	0.65	0.46	0.43	0.25	0.65	0.00	-0.2%
NC_75	20	4429	11.27	11.21	0.63	11.28	9.36	10.23	11.28	11.09	8.20	7.93	4.88	11.28	0.00	0.0%
NC_76	20	4367	2.61	2.53	0.29	2.56	2.43	2.26	2.57	2.48	1.70	1.64	0.94	2.57	0.01	0.5%
NC_77	20	4399	3.21	3.20	0.22	3.20	2.63	2.95	3.21	3.15	2.57	2.44	1.50	3.21	0.01	0.3%
NC_78	20	4429	0.90	0.84	0.14	0.85	0.88	0.81	0.85	0.84	0.57	0.54	0.30	0.88	0.03	3.8%
NC_79	20	4433	1.08	1.00	0.18	1.00	1.08	1.00	1.00	1.00	0.69	0.64	0.36	1.08	0.08	8.1%
NC_80	20	4399	2.22	2.18	0.20	2.18	1.71	2.06	2.23	2.18	1.70	1.62	0.99	2.23	0.04	2.1%
NC_81	20	4399	1.55	1.52	0.15	1.52	1.34	1.41	1.54	1.52	1.02	1.00	0.58	1.54	0.02	1.4%
NC_82	25	4461	4.35	4.41	0.35	4.44	3.19	3.91	4.37	4.28	3.31	3.19	1.92	4.37	-0.07	-1.6%
NC_83	10	4364	1.11	1.11	0.11	1.12	1.12	0.95	0.94	0.95	0.64	0.60	0.33	1.12	0.00	0.0%
NC_84	20	4433	1.05	0.98	0.17	0.99	1.03	0.98	0.98	0.99	0.69	0.64	0.36	1.03	0.04	4.3%
NC_85	20	4433	0.74	0.71	0.11	0.71	0.67	0.70	0.71	0.71	0.50	0.46	0.26	0.71	0.00	-0.6%
NC_86	15	4401	4.48	4.31	0.43	4.36	4.35	3.72	4.37	4.19	2.77	2.71	1.54	4.37	0.01	0.3%
NC_87	10	4364	1.39	1.40	0.14	1.41	1.41	1.21	1.21	1.22	0.83	0.77	0.43	1.41	0.00	-0.2%
NC_88	20	4399	3.63	3.46	0.43	3.47	3.16	3.22	3.59	3.46	2.48	2.37	1.35	3.59	0.12	3.5%
NC_89	20	4433	0.59	0.58	0.07	0.58	0.44	0.56	0.59	0.58	0.42	0.41	0.24	0.59	0.01	1.6%
NC_90	20	4404	6.22	6.16	0.50	6.17	5.37	5.49	6.22	5.99	4.61	4.41	2.63	6.22	0.05	0.9%
NC_91	20	4371	0.81	0.75	0.14	0.75	0.80	0.75	0.75	0.75	0.52	0.48	0.27	0.80	0.05	7.1%
NC_92	20	4433	0.77	0.73	0.12	0.73	0.72	0.72	0.73	0.73	0.51	0.47	0.27	0.73	0.00	-0.4%
NC_93	20	4433	1.38	1.35	0.16	1.36	1.11	1.32	1.37	1.36	1.02	0.98	0.60	1.37	0.00	0.4%
NC_94	20	4429	1.84	1.74	0.26	1.76	1.83	1.66	1.76	1.73	1.16	1.10	0.63	1.83	0.07	3.9%
NC_95	20	4429	1.61	1.52	0.23	1.53	1.59	1.45	1.53	1.51	1.01	0.96	0.55	1.59	0.06	4.0%
NC_96	20	4399	2.42	2.37	0.23	2.38	2.09	2.20	2.42	2.37	1.61	1.58	0.92	2.42	0.04	1.5%
NC_97	20	4371	0.83	0.77	0.14	0.77	0.81	0.77	0.77	0.77	0.53	0.49	0.28	0.81	0.04	5.3%
NC_98	20	4399	2.55	2.47	0.24	2.47	2.29	2.31	2.52	2.47	1.72	1.67	0.99	2.52	0.05	1.9%
NC_99	20	4404	5.42	5.31	0.54	5.36	5.20	4.62	5.37	5.17	3.47	3.39	1.93	5.37	0.01	0.2%
NC_100	20	4433	0.95	0.89	0.15	0.89	0.90	0.89	0.89	0.89	0.62	0.58	0.33	0.90	0.01	1.6%
NC_101	20	4429	2.31	2.20	0.32	2.22	2.24	2.07	2.22	2.17	1.48	1.41	0.80	2.24	0.02	0.9%
NC_102	720	4785	17.97	15.82	7.64	16.60	8.06	10.83	10.90	10.90	16.51	15.75	15.02	16.51	-0.09	-0.5%
NC_103	20	4371	0.87	0.80	0.15	0.80	0.88	0.80	0.80	0.80	0.55	0.51	0.28	0.88	0.08	10.0%
NC_104	20	4433	0.65	0.63	0.09	0.64	0.53	0.62	0.64	0.64	0.46	0.43	0.25	0.64	0.00	-0.3%
NC_105	20	4367	7.27	6.99	0.82	7.00	6.49	6.34	7.21	6.89	4.90	4.71	2.68	7.21	0.21	3.0%
NC_106	10	4364	0.84	0.84	0.09	0.85	0.85	0.77	0.76	0.77	0.53	0.49	0.27	0.85	0.00	0.0%
NC_107	20	4433	1.25	1.22	0.14	1.22	1.04	1.17	1.24	1.22	0.87	0.85	0.50	1.24	0.02	1.5%
NC_108	20	4433	1.01	0.95	0.16	0.95	0.98	0.94	0.94	0.95	0.66	0.61	0.35	0.98	0.03	2.6%
NC_109	15	4401	10.39	10.34	0.66	10.44	9.40	8.52	10.39	9.88	6.80	6.66	3.75	10.39	-0.05	-0.5%
NC_110	10	4364	0.90	0.91	0.09	0.92	0.92	0.82	0.81	0.82	0.56	0.52	0.29	0.92	0.00	-0.4%
NC_111	10	4364	0.92	0.92	0.09	0.93	0.93	0.80	0.79	0.80	0.55	0.51	0.28	0.93	0.00	-0.2%
NC_112	25	4464	1.09	1.08	0.09	1.09	0.65	1.01	1.07	1.05	0.91	0.86	0.54	1.07	-0.03	-2.3%
NC_113	10	4364	1.17	1.18	0.12	1.19	1.19	1.07	1.07	1.07	0.73	0.68	0.38	1.19	0.00	0.3%
NC_114	20	4371	0.94	0.88	0.16	0.88	0.94	0.88	0.87	0.88	0.61	0.56	0.31	0.94	0.06	6.4%
NC_115	20	4433	0.63	0.61	0.09	0.61	0.50	0.60	0.62	0.61	0.44	0.42	0.25	0.62	0.01	1.0%
NC_116	20	4429	3.11	3.02	0.35	3.07	2.97	2.69	3.07	2.95	2.01	1.94	1.11	3.07	0.00	-0.1%
NC_117	20	4429	1.69	1.59	0.24	1.60	1.69	1.51	1.60	1.58	1.05	1.00	0.57	1.69	0.09	5.6%
NC_118	20	4433	0.70	0.68	0.10	0.69	0.57	0.67	0.69	0.69	0.50	0.47	0.28	0.69	0.00	0.1%
NC_119	20	4399	7.89	7.74	0.79	7.75	6.89	6.68	7.90	7.44	5.43	5.27	2.98	7.90	0.15	2.0%
NC_120	20	4429	1.58	1.51	0.22	1.51	1.45	1.49	1.51	1.51	1.09	1.00	0.60	1.51	0.00	-0.1%
NC_121	45	4528	1.40	1.38	0.13	1.42	0.66	1.18	1.24	1.23	1.24	1.17	0.75	1.24	-0.18	-13.0%
NC_122	20	4371	0.83	0.77	0.14	0.77	0.83	0.77	0.76	0.77	0.53	0.49	0.27	0.83	0.06	8.2%
NC_123	20	4428	1.83	1.82	0.12	1.83	1.27	1.65	1.85	1.81	1.41	1.35	0.81	1.85	0.02	1.1%
NC_124	20	4429	26.44	26.45	1.69	26.56	21.58	22.84	26.56	25.78	18.63	18.35	10.95	26.56	0.00	0.0%
NC_125	10	4364	0.97	0.97	0.10	0.98	0.98	0.83	0.82	0.83	0.57	0.53	0.29	0.98	0.00	0.2%
NC_126	20	4367	1.51	1.46	0.17	1.46	1.43	1.37	1.47	1.45	0.95	0.92	0.53	1.47	0.01	0.7%
NC_127	20	4433	0.96	0.89	0.16	0.89	0.94	0.89	0.89	0.89	0.62	0.57	0.32	0.94	0.05	5.6%
NC_128	20	4429	1.69	1.58	0.25	1.60	1.70	1.51	1.60	1.57	1.05	1.00	0.57	1.70	0.10	6.4%
NC_129	25	4460	4.25	4.28	0.32	4.31	2.66	3.86	4.15	4.07	3.58	3.38	2.12	4.15	-0.16	-3.8%
NC_130	20	4371	0.89	0.83	0.15	0.83	0.90	0.83	0.82	0.83	0.57	0.53	0.30	0.90	0.07	8.1%
NC_131	30	4498	1.89	1.88	0.15	1.89	0.92	1.62	1.71	1.69	1.66	1.57	1.00	1.71	-0.18	-9.6%
NC_132	20	4371	0.79	0.74	0.13	0.74	0.77	0.74	0.73	0.74	0.51	0.47	0.26	0.77	0.03	4.1%
NC_133	20	4429	2.53	2.44	0.29	2.48	2.43	2.21	2.48	2.40	1.62	1.57	0.90	2.48	0.00	-0.1%
NC_134	20	4371	0.92	0.85	0.16	0.85	0.93	0.85	0.84	0.85	0.58	0.54	0.30	0.93	0.08	9.8%
NC_135	45	4528	1.39	1.37	0.13	1.42	0.66	1.17	1.23	1.22	1.22	1.17	0.74	1.23	-0.19	-13.3%
NC_136	10	4364	0.88	0.88	0.09	0.89	0.89	0.79	0.78	0.78	0.54	0.50	0.27	0.89	0.00	0.0%
NC_137	20	4433	0.62	0.60	0.09	0.61	0.49	0.59	0.61	0.61	0.44	0.42	0.25	0.61	0.00	0.2%
NC_138	20	4429	10.80	10.77	0.82	10.86	8.93	9.20	10.86	10.42	7.96	7.67	4.54	10.86	0.00	0.0%
NC_139	25	4464	1.09	1.09	0.09	1.09	0.65	1.00	1.07	1.05	0.90	0.85	0.53	1.07	-0.02	-1.7%
NC_140	20	4429	1.73	1.63	0.25	1.64	1.73	1.56	1.64	1.62	1.09	1.02	0.59	1.73	0.09	5.2%
NC_141	10	4364	0.91	0.91	0.09	0.92	0.92	0.80	0.79	0.79	0.54	0.51	0.28	0.92	0.00	-0.1%
NC_142	10	4364	1.84	1.85	0.15	1.86	1.86	1.53	1.61	1.59	1.05	1.00	0.56	1.86	0.00	0.1%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_143	20	4433	0.64	0.62	0.09	0.63	0.51	0.61	0.63	0.63	0.45	0.43	0.25	0.63	0.00	-0.3%
NC_144	20	4371	0.82	0.76	0.14	0.76	0.82	0.76	0.76	0.76	0.53	0.49	0.27	0.82	0.06	7.5%
NC_145	20	4433	0.87	0.83	0.13	0.83	0.79	0.82	0.83	0.83	0.59	0.54	0.31	0.83	0.00	0.1%
NC_146	20	4428	8.21	8.15	0.62	8.15	6.95	7.35	8.20	7.96	6.16	5.83	3.59	8.20	0.04	0.6%
NC_147	10	4364	1.98	1.99	0.15	2.00	2.00	1.73	1.84	1.81	1.20	1.14	0.65	2.00	0.00	0.0%
NC_148	20	4429	4.28	4.28	0.30	4.33	3.53	3.66	4.33	4.19	2.87	2.82	1.61	4.33	0.00	-0.1%
NC_149	10	4364	0.98	0.99	0.10	0.99	0.99	0.89	0.88	0.88	0.61	0.56	0.31	0.99	0.00	0.4%
NC_150	10	4364	0.86	0.86	0.09	0.87	0.87	0.78	0.77	0.78	0.53	0.50	0.27	0.87	0.00	0.1%
NC_151	20	4429	1.78	1.70	0.24	1.72	1.76	1.56	1.72	1.67	1.12	1.08	0.61	1.76	0.04	2.3%
NC_152	60	4558	24.18	23.96	1.51	23.96	6.41	14.63	14.74	14.74	22.87	23.28	17.99	23.28	-0.68	-2.8%
NC_153	20	4433	0.66	0.65	0.08	0.65	0.48	0.63	0.66	0.65	0.48	0.47	0.28	0.66	0.01	1.7%
NC_154	25	4466	9.82	9.83	0.49	9.84	6.34	8.66	9.43	9.34	7.34	7.37	4.48	9.43	-0.41	-4.1%
NC_155	15	4401	2.95	2.81	0.37	2.84	2.97	2.55	2.84	2.74	1.85	1.78	1.01	2.97	0.13	4.5%
NC_156	25	4461	5.60	5.68	0.41	5.72	3.40	4.97	5.43	5.31	4.75	4.50	2.82	5.43	-0.29	-5.0%
NC_157	15	4401	3.82	3.69	0.37	3.73	3.72	3.16	3.76	3.58	2.41	2.35	1.33	3.76	0.03	0.7%
NC_158	60	4558	23.99	23.78	1.42	23.78	6.25	14.34	14.44	14.44	22.76	23.17	18.15	23.17	-0.61	-2.6%
NC_159	10	4357	0.94	0.95	0.10	0.96	0.96	0.84	0.83	0.83	0.57	0.53	0.29	0.96	0.00	-0.2%
NC_160	20	4433	1.08	0.99	0.18	0.99	1.09	0.99	0.99	0.99	0.69	0.64	0.35	1.09	0.10	9.8%
NC_161	10	4364	0.87	0.87	0.09	0.88	0.88	0.79	0.78	0.79	0.54	0.50	0.28	0.88	0.00	0.1%
NC_162	20	4371	0.80	0.75	0.14	0.75	0.80	0.75	0.74	0.75	0.52	0.48	0.27	0.80	0.05	6.5%
NC_163	10	4364	0.89	0.90	0.09	0.91	0.91	0.82	0.81	0.81	0.56	0.52	0.29	0.91	0.00	-0.4%
NC_164	20	4429	2.00	1.89	0.27	1.91	1.99	1.79	1.91	1.88	1.26	1.19	0.68	1.99	0.08	4.2%
NC_165	10	4364	0.88	0.89	0.09	0.90	0.90	0.79	0.78	0.79	0.54	0.50	0.28	0.90	0.00	-0.2%
NC_166	10	4364	1.02	1.02	0.10	1.03	1.03	0.90	0.92	0.91	0.62	0.58	0.32	1.03	0.00	0.2%
NC_167	20	4399	9.71	9.62	0.71	9.71	8.21	8.54	9.71	9.38	7.26	6.88	4.21	9.71	0.00	0.0%
NC_168	20	4429	15.98	15.99	1.15	16.12	12.92	13.61	16.12	15.57	11.54	11.20	6.61	16.12	0.00	0.0%
NC_169	10	4364	1.49	1.50	0.14	1.51	1.51	1.35	1.36	1.37	0.94	0.87	0.49	1.51	0.00	0.0%
NC_170	20	4433	0.99	0.93	0.16	0.93	0.98	0.93	0.93	0.93	0.65	0.60	0.34	0.98	0.04	4.8%
NC_171	25	4461	8.45	8.58	0.56	8.63	5.01	7.47	8.08	7.93	7.28	6.91	4.37	8.08	-0.55	-6.4%
NC_172	20	4399	12.52	12.46	1.09	12.59	10.55	10.37	12.61	11.97	8.73	8.53	4.84	12.61	0.02	0.1%
NC_173	20	4429	1.62	1.54	0.23	1.55	1.58	1.46	1.55	1.52	1.03	0.98	0.56	1.58	0.03	2.0%
NC_174	20	4404	3.24	3.18	0.31	3.19	2.90	2.74	3.25	3.11	2.12	2.09	1.18	3.25	0.06	1.9%
NC_175	20	4429	2.80	2.70	0.32	2.74	2.74	2.44	2.74	2.65	1.77	1.71	0.98	2.74	0.00	-0.1%
NC_176	60	4405	6.36	6.34	1.02	6.35	1.93	3.09	3.13	3.12	6.95	6.58	4.07	6.95	0.60	9.5%
NC_177	10	4364	0.99	0.99	0.10	1.00	1.00	0.87	0.86	0.86	0.59	0.55	0.30	1.00	0.00	0.3%
NC_178	10	4364	1.69	1.70	0.13	1.71	1.71	1.48	1.56	1.53	1.02	0.97	0.55	1.71	0.00	0.2%
NC_179	30	4500	2.48	2.48	0.19	2.48	1.46	2.22	2.33	2.31	2.18	2.04	1.32	2.33	-0.15	-6.1%
NC_180	10	4364	0.98	0.99	0.10	1.00	1.00	0.90	0.89	0.90	0.62	0.57	0.32	1.00	0.00	-0.2%
NC_181	60	4405	6.06	6.00	0.75	6.01	1.85	3.02	3.05	3.05	6.33	6.26	4.39	6.33	0.32	5.3%
NC_182	20	4433	1.15	1.08	0.18	1.08	1.14	1.07	1.08	1.08	0.75	0.69	0.39	1.14	0.05	5.1%
NC_183	10	4364	0.88	0.89	0.09	0.90	0.90	0.79	0.78	0.79	0.54	0.50	0.28	0.90	0.00	-0.4%
NC_184	10	4364	0.92	0.93	0.09	0.94	0.94	0.85	0.84	0.85	0.58	0.54	0.30	0.94	0.00	-0.5%
NC_185	20	4429	1.65	1.55	0.24	1.57	1.63	1.48	1.57	1.54	1.04	0.98	0.56	1.63	0.06	4.0%
NC_186	20	4433	0.70	0.68	0.08	0.69	0.51	0.66	0.70	0.69	0.52	0.50	0.30	0.70	0.01	1.2%
NC_187	10	4364	0.89	0.90	0.09	0.91	0.91	0.80	0.79	0.80	0.55	0.51	0.28	0.91	0.00	-0.2%
NC_188	10	4364	2.06	2.07	0.15	2.08	2.08	1.78	1.89	1.86	1.23	1.17	0.66	2.08	0.00	0.1%
NC_189	20	4433	0.65	0.63	0.09	0.64	0.54	0.62	0.64	0.64	0.46	0.43	0.25	0.64	0.00	-0.3%
NC_190	30	4502	9.32	9.32	0.24	9.40	5.43	8.34	8.34	8.35	7.60	7.65	5.01	8.35	-1.05	-11.1%
NC_191	10	4364	1.03	1.04	0.11	1.05	1.05	0.94	0.93	0.94	0.64	0.60	0.33	1.05	0.00	0.1%
NC_192	20	4429	17.33	17.36	1.20	17.50	13.87	14.82	17.50	16.96	12.47	12.15	7.17	17.50	0.00	0.0%
NC_193	720	4787	19.93	17.83	6.91	18.21	7.52	10.96	10.99	10.99	17.62	18.08	18.18	18.18	-0.03	-0.2%
NC_194	30	4498	1.86	1.85	0.14	1.86	0.96	1.61	1.68	1.67	1.63	1.55	0.99	1.68	-0.18	-9.7%
NC_195	20	4433	1.10	1.03	0.17	1.03	1.06	1.02	1.03	1.03	0.72	0.67	0.38	1.06	0.03	3.1%
NC_196	25	4460	1.14	1.15	0.11	1.17	0.75	1.06	1.15	1.13	0.91	0.87	0.53	1.15	-0.02	-1.4%
NC_197	20	4429	0.76	0.73	0.11	0.73	0.68	0.72	0.73	0.73	0.52	0.48	0.28	0.73	0.00	0.0%
NC_198	10	4364	0.89	0.89	0.09	0.90	0.90	0.80	0.79	0.80	0.55	0.51	0.28	0.90	0.00	0.0%
NC_199	10	4364	2.20	2.21	0.13	2.22	2.22	1.89	2.09	2.03	1.35	1.29	0.73	2.22	0.00	-0.1%
NC_200	20	4429	3.67	3.51	0.44	3.56	3.64	3.19	3.56	3.46	2.29	2.21	1.27	3.64	0.08	2.2%
NC_201	20	4433	0.92	0.90	0.10	0.91	0.65	0.88	0.92	0.91	0.71	0.68	0.42	0.92	0.01	1.0%
NC_202	20	4429	2.31	2.22	0.27	2.26	2.21	2.02	2.26	2.19	1.48	1.43	0.82	2.26	0.00	-0.1%
NC_203	20	4433	1.66	1.62	0.17	1.62	1.47	1.52	1.65	1.62	1.10	1.08	0.63	1.65	0.03	1.6%
NC_204	20	4433	0.68	0.67	0.09	0.67	0.52	0.65	0.68	0.67	0.49	0.47	0.28	0.68	0.01	1.0%
NC_205	20	4399	10.13	10.08	0.71	10.17	8.42	8.82	10.17	9.77	7.62	7.26	4.44	10.17	0.00	0.0%
NC_206	20	4399	1.26	1.25	0.10	1.25	0.80	1.16	1.28	1.24	0.99	0.95	0.57	1.28	0.02	2.0%
NC_207	15	4401	4.28	4.13	0.40	4.18	4.09	3.60	4.24	4.06	2.73	2.66	1.51	4.24	0.06	1.5%
NC_208	10	4357	0.85	0.86	0.09	0.87	0.87	0.78	0.77	0.78	0.53	0.50	0.27	0.87	0.00	-0.5%
NC_209	20	4433	0.59	0.58	0.07	0.59	0.44	0.56	0.59	0.59	0.43	0.41	0.25	0.59	0.00	0.3%
NC_210	20	4429	18.42	18.46	1.23	18.55	14.51	15.79	18.55	18.02	13.25	13.00	7.68	18.55	0.00	0.0%
NC_211	20	4371	1.00	0.93	0.17	0.93	1.02	0.93	0.92	0.93	0.64	0.59	0.33	1.02	0.08	9.1%
NC_212	20	4433	0.59	0.58	0.07	0.58	0.44	0.56	0.59	0.58	0.42	0.41	0.24	0.59	0.01	1.4%
NC_213	30	4498	13.47	13.39	1.03	13.64	7.93	11.75	12.42	12.36	10.40	10.53	6.48	12.42	-1.22	-9.0%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_214	45	4528	1.23	1.22	0.10	1.26	0.68	1.04	1.11	1.09	1.09	1.06	0.69	1.11	-0.15	-12.1%
NC_215	45	4527	9.51	9.56	0.24	9.67	4.09	6.51	6.75	6.75	7.89	7.65	5.71	7.89	-1.78	-18.4%
NC_216	20	4433	0.63	0.60	0.09	0.61	0.50	0.60	0.62	0.61	0.44	0.42	0.25	0.62	0.01	0.8%
NC_217	25	4464	1.00	0.99	0.08	1.00	0.58	0.92	0.98	0.97	0.83	0.78	0.49	0.98	-0.02	-2.1%
NC_218	60	4558	11.04	10.86	0.74	10.89	4.25	7.70	7.91	7.90	9.79	9.82	7.09	9.82	-1.07	-9.9%
NC_219	25	4460	1.52	1.52	0.14	1.53	0.95	1.42	1.51	1.49	1.24	1.18	0.73	1.51	-0.02	-1.1%
NC_220	20	4399	3.28	3.19	0.32	3.20	3.05	2.82	3.27	3.15	2.12	2.08	1.19	3.27	0.07	2.1%
NC_221	20	4371	0.86	0.80	0.15	0.80	0.86	0.80	0.79	0.80	0.55	0.51	0.28	0.86	0.06	7.6%
NC_222	20	4371	0.83	0.78	0.14	0.78	0.82	0.78	0.77	0.78	0.54	0.50	0.28	0.82	0.04	5.1%
NC_223	10	4364	1.07	1.08	0.11	1.09	1.09	0.98	0.97	0.98	0.67	0.62	0.35	1.09	0.00	0.0%
NC_224	20	4371	0.88	0.82	0.15	0.82	0.89	0.82	0.81	0.82	0.56	0.52	0.29	0.89	0.07	8.3%
NC_225	30	4498	9.63	9.51	0.70	9.73	5.86	8.23	8.89	8.82	7.01	7.57	4.62	8.89	-0.84	-8.6%
NC_226	15	4401	4.94	4.87	0.37	4.92	4.55	4.08	4.95	4.71	3.21	3.15	1.77	4.95	0.03	0.6%
NC_227	60	4405	6.12	6.03	0.72	6.04	2.45	3.03	3.06	3.06	6.34	6.31	4.57	6.34	0.30	4.9%
NC_228	20	4433	0.82	0.77	0.13	0.77	0.77	0.77	0.77	0.77	0.54	0.50	0.28	0.77	0.00	0.3%
NC_229	720	4785	17.67	16.79	3.59	17.35	7.31	10.59	10.60	10.61	16.38	16.55	17.44	17.44	0.09	0.5%
NC_230	20	4433	0.67	0.65	0.09	0.66	0.54	0.64	0.66	0.66	0.48	0.45	0.27	0.66	0.00	-0.2%
NC_231	20	4433	1.67	1.62	0.18	1.63	1.45	1.57	1.64	1.63	1.18	1.13	0.68	1.64	0.01	0.6%
NC_232	20	4429	18.74	18.80	1.23	18.86	14.65	16.04	18.86	18.34	13.52	13.35	7.89	18.86	0.00	0.0%
NC_233	20	4433	0.63	0.61	0.09	0.62	0.50	0.60	0.62	0.62	0.45	0.42	0.25	0.62	0.00	0.2%
NC_234	30	4498	14.42	14.35	1.01	14.60	8.24	12.55	13.15	13.11	11.20	11.39	7.04	13.15	-1.45	-10.0%
NC_235	10	4364	0.92	0.93	0.10	0.93	0.93	0.84	0.83	0.83	0.57	0.53	0.29	0.93	0.00	0.3%
NC_236	25	4460	1.95	1.98	0.17	2.01	1.13	1.73	1.92	1.87	1.59	1.52	0.93	1.92	-0.09	-4.3%
NC_237	60	4405	11.35	11.21	0.67	11.21	4.35	7.78	7.97	7.97	10.09	10.04	7.40	10.09	-1.12	-10.0%
NC_238	30	4498	45.94	45.40	3.13	46.36	27.91	39.60	42.26	42.03	34.33	36.64	23.01	42.26	-4.10	-8.8%
NC_239	25	4394	14.00	14.24	0.99	14.27	5.49	12.27	13.20	13.00	11.21	10.96	6.62	13.20	-1.07	-7.5%
NC_240	45	4496	15.37	15.27	0.67	15.40	7.64	12.28	12.68	12.66	12.25	12.84	8.29	12.84	-2.56	-16.6%
NC_241	20	4429	0.95	0.90	0.13	0.91	0.83	0.90	0.91	0.91	0.65	0.60	0.35	0.91	0.00	-0.1%
NC_242	20	4433	0.71	0.69	0.10	0.70	0.57	0.68	0.70	0.70	0.51	0.48	0.29	0.70	0.00	0.1%
NC_243	25	4460	3.79	3.81	0.28	3.85	2.98	3.56	3.75	3.70	3.22	3.00	1.95	3.75	-0.10	-2.5%
NC_244	30	4498	46.49	45.85	3.55	46.93	29.24	40.31	43.44	43.13	34.39	36.47	22.57	43.44	-3.49	-7.4%
NC_245	30	4498	3.30	3.25	0.34	3.28	1.70	2.83	3.07	3.01	2.83	2.71	1.69	3.07	-0.21	-6.4%
NC_246	10	4357	0.96	0.97	0.10	0.98	0.98	0.86	0.85	0.85	0.59	0.54	0.30	0.98	0.00	-0.2%
NC_247	20	4371	0.88	0.82	0.15	0.82	0.88	0.82	0.81	0.82	0.56	0.52	0.29	0.88	0.06	6.7%
NC_248	45	4528	1.53	1.54	0.11	1.58	0.73	1.19	1.25	1.24	1.36	1.37	0.89	1.37	-0.22	-13.6%
NC_249	25	4394	2.29	2.30	0.15	2.30	1.47	2.08	2.22	2.20	1.89	1.79	1.12	2.22	-0.08	-3.3%
NC_250	20	4433	0.59	0.58	0.07	0.58	0.44	0.56	0.59	0.58	0.42	0.41	0.24	0.59	0.01	1.7%
NC_251	20	4433	0.59	0.58	0.07	0.58	0.43	0.56	0.59	0.58	0.43	0.41	0.25	0.59	0.01	1.6%
NC_252	60	4405	11.52	11.38	0.63	11.39	4.40	7.80	7.98	7.98	10.25	10.14	7.59	10.25	-1.14	-10.0%
NC_253	30	4502	2.65	2.65	0.17	2.66	1.74	2.40	2.46	2.47	2.29	2.19	1.41	2.47	-0.19	-7.3%
NC_254	20	4433	0.59	0.57	0.07	0.58	0.43	0.56	0.59	0.58	0.42	0.41	0.24	0.59	0.01	1.2%
NC_255	20	4433	1.01	0.99	0.10	1.00	0.69	0.96	1.01	1.00	0.81	0.77	0.48	1.01	0.01	0.9%
NC_256	20	4433	0.63	0.61	0.09	0.62	0.49	0.60	0.63	0.62	0.45	0.43	0.26	0.63	0.01	1.0%
NC_257	20	4399	1.20	1.19	0.10	1.19	0.81	1.11	1.22	1.19	0.92	0.89	0.53	1.22	0.03	2.2%
NC_258	60	4405	9.96	9.83	0.32	9.84	4.07	6.18	6.37	6.37	8.17	7.61	6.77	8.17	-1.67	-16.9%
NC_259	20	4433	0.71	0.69	0.10	0.69	0.57	0.68	0.70	0.69	0.50	0.48	0.28	0.70	0.01	0.9%
NC_260	25	4394	34.74	35.33	2.45	35.60	17.90	29.85	32.96	32.37	26.87	26.68	15.93	32.96	-2.64	-7.4%
NC_261	10	4364	0.93	0.93	0.09	0.94	0.94	0.81	0.79	0.80	0.55	0.51	0.28	0.94	0.00	-0.2%
NC_262	20	4428	7.70	7.69	0.74	7.70	6.91	6.32	7.72	7.27	5.16	5.04	2.83	7.72	0.02	0.2%
NC_263	180	4599	228.46	229.43	17.64	236.22	71.08	124.40	124.90	124.98	215.08	220.53	238.93	238.93	2.71	1.1%
NC_264	20	4433	0.60	0.59	0.08	0.59	0.45	0.57	0.60	0.59	0.43	0.42	0.25	0.60	0.01	1.7%
NC_265	20	4433	1.26	1.16	0.20	1.17	1.28	1.16	1.16	1.17	0.80	0.75	0.42	1.28	0.11	9.3%
NC_266	20	4399	2.19	2.15	0.20	2.15	1.88	1.98	2.18	2.14	1.46	1.43	0.83	2.18	0.03	1.4%
NC_267	25	4464	1.16	1.16	0.08	1.16	0.66	1.07	1.13	1.11	1.00	0.93	0.60	1.13	-0.03	-2.9%
NC_268	90	4395	34.45	34.91	3.07	34.95	8.79	18.12	18.18	18.19	34.95	34.97	30.01	34.97	0.02	0.1%
NC_269	25	4464	0.99	0.99	0.08	1.00	0.57	0.91	0.97	0.96	0.83	0.78	0.49	0.97	-0.03	-2.7%
NC_270	25	4466	2.81	2.81	0.12	2.81	1.68	2.45	2.64	2.61	2.18	2.18	1.34	2.64	-0.17	-6.0%
NC_271	60	4559	9.85	9.84	0.29	9.86	4.01	6.01	6.17	6.17	8.31	7.48	7.16	8.31	-1.55	-15.7%
NC_272	720	4787	17.98	17.14	3.48	17.83	7.29	10.59	10.60	10.60	16.37	16.56	17.57	17.57	-0.26	-1.4%
NC_273	25	4464	1.13	1.13	0.08	1.13	0.61	1.02	1.09	1.07	0.97	0.91	0.58	1.09	-0.04	-4.0%
NC_274	60	4405	12.34	12.28	0.57	12.29	4.88	8.08	8.25	8.24	11.18	10.81	8.29	11.18	-1.11	-9.0%
NC_275	25	4394	34.85	35.42	2.35	35.77	17.94	29.94	32.98	32.41	27.08	27.00	16.14	32.98	-2.79	-7.8%
NC_276	20	4371	0.78	0.73	0.13	0.73	0.77	0.73	0.73	0.73	0.51	0.47	0.26	0.77	0.04	5.1%
NC_277	45	4534	3.03	2.99	0.17	3.01	1.57	2.47	2.61	2.59	2.41	2.52	1.57	2.61	-0.40	-13.4%
NC_278	20	4433	0.80	0.76	0.13	0.76	0.77	0.75	0.75	0.76	0.53	0.49	0.28	0.77	0.01	0.9%
NC_279	30	4498	36.72	35.92	4.01	36.75	19.57	31.30	34.05	33.58	29.34	29.72	17.86	34.05	-2.70	-7.4%
NC_280	180	4599	228.41	229.41	17.69	236.22	71.11	124.45	124.95	125.02	215.13	220.58	238.93	238.93	2.71	1.1%
NC_281	20	4371	0.78	0.73	0.13	0.73	0.76	0.73	0.73	0.73	0.51	0.47	0.26	0.76	0.03	4.5%
NC_282	20	4433	0.68	0.67	0.08	0.67	0.49	0.65	0.68	0.67	0.51	0.49	0.29	0.68	0.01	1.9%
NC_283	20	4429	1.45	1.36	0.21	1.37	1.44	1.30	1.37	1.35	0.91	0.86	0.49	1.44	0.07	5.3%
NC_284	45	4528	2.94	2.97	0.21	3.03	1.28	2.25	2.32	2.31	2.63	2.63	1.73	2.63	-0.40	-13.1%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_285	30	4498	46.92	46.42	2.87	47.33	27.75	40.16	42.55	42.36	35.40	38.06	24.32	42.55	-4.78	-10.1%
NC_286	20	4433	0.59	0.58	0.07	0.58	0.43	0.56	0.59	0.58	0.42	0.41	0.24	0.59	0.01	1.4%
NC_287	180	4599	229.06	229.78	17.23	236.34	71.04	124.35	124.85	124.92	215.07	220.52	239.27	239.27	2.93	1.2%
NC_288	20	4433	1.29	1.20	0.21	1.20	1.29	1.19	1.20	1.20	0.83	0.77	0.43	1.29	0.09	7.7%
NC_289	20	4429	5.68	5.66	0.45	5.71	4.76	4.79	5.71	5.46	3.90	3.82	2.18	5.71	0.00	-0.1%
NC_290	10	4364	0.85	0.86	0.09	0.86	0.86	0.78	0.77	0.78	0.54	0.50	0.27	0.86	0.00	0.2%
NC_291	20	4433	1.02	0.95	0.17	0.95	1.01	0.95	0.95	0.95	0.66	0.61	0.34	1.01	0.05	5.8%
NC_292	25	4464	1.33	1.32	0.11	1.33	0.85	1.26	1.31	1.30	1.14	1.07	0.69	1.31	-0.02	-1.6%
NC_293	45	4496	18.17	18.04	0.67	18.24	8.69	14.19	14.61	14.58	14.50	15.27	10.23	15.27	-2.97	-16.3%
NC_294	45	4534	6.04	6.06	0.31	6.17	2.51	4.47	4.61	4.59	5.31	5.46	3.70	5.46	-0.72	-11.6%
NC_295	20	4371	0.90	0.83	0.15	0.84	0.89	0.84	0.83	0.83	0.58	0.54	0.30	0.89	0.05	6.2%
NC_296	20	4371	0.86	0.80	0.15	0.80	0.86	0.80	0.80	0.80	0.55	0.51	0.28	0.86	0.06	8.0%
NC_297	20	4433	1.42	1.35	0.17	1.36	1.28	1.27	1.40	1.36	0.95	0.91	0.52	1.40	0.04	2.9%
NC_298	25	4466	5.61	5.56	0.39	5.60	4.09	4.73	5.50	5.36	3.93	4.02	2.34	5.50	-0.10	-1.8%
NC_299	45	4496	71.23	70.57	2.73	70.99	36.76	57.30	59.69	59.43	56.73	59.82	40.32	59.82	####	-15.7%
NC_300	20	4371	0.95	0.88	0.16	0.88	0.97	0.88	0.88	0.88	0.61	0.56	0.31	0.97	0.09	9.8%
NC_301	10	4364	1.76	1.77	0.16	1.78	1.78	1.59	1.62	1.61	1.10	1.03	0.57	1.78	0.00	0.2%
NC_302	180	4599	228.45	229.46	17.71	236.31	71.23	124.63	125.14	125.21	215.31	220.76	238.96	238.96	2.65	1.1%
NC_303	20	4429	3.18	3.19	0.18	3.22	2.35	2.85	3.22	3.15	2.32	2.24	1.33	3.22	0.00	-0.1%
NC_304	45	4528	2.22	2.21	0.19	2.27	1.08	1.82	1.92	1.90	1.94	1.89	1.20	1.94	-0.33	-14.6%
NC_305	20	4371	0.81	0.76	0.13	0.76	0.79	0.76	0.76	0.76	0.53	0.49	0.27	0.79	0.03	4.2%
NC_306	60	4558	7.16	7.05	0.59	7.05	2.77	5.02	5.13	5.12	6.46	6.63	4.73	6.63	-0.42	-5.9%
NC_307	25	4464	1.97	1.97	0.12	1.97	1.14	1.77	1.88	1.86	1.68	1.58	1.01	1.88	-0.09	-4.7%
NC_308	45	4496	25.21	25.13	0.75	25.26	10.66	18.41	18.72	18.68	21.07	21.68	15.42	21.68	-3.58	-14.2%
NC_309	25	4464	1.63	1.62	0.13	1.63	0.93	1.50	1.60	1.57	1.39	1.31	0.83	1.60	-0.03	-2.0%
NC_310	60	4555	10.39	10.34	0.22	10.37	5.10	7.14	7.49	7.42	10.32	9.03	8.09	10.32	-0.05	-0.5%
NC_311	20	4429	2.90	2.90	0.22	2.93	2.37	2.48	2.93	2.82	1.98	1.94	1.11	2.93	0.00	-0.1%
NC_312	20	4429	1.62	1.52	0.24	1.53	1.64	1.45	1.53	1.50	1.01	0.96	0.54	1.64	0.11	6.9%
NC_313	45	4496	18.13	18.01	0.61	18.21	8.56	14.02	14.43	14.39	14.49	15.26	10.40	15.26	-2.95	-16.2%
NC_314	20	4433	0.86	0.84	0.11	0.85	0.67	0.83	0.85	0.85	0.63	0.60	0.36	0.85	0.00	0.2%
NC_315	20	4429	2.69	2.56	0.35	2.60	2.67	2.34	2.60	2.52	1.69	1.63	0.93	2.67	0.07	2.7%
NC_316	60	4558	7.84	7.73	0.61	7.74	2.90	5.29	5.39	5.38	7.24	7.25	5.22	7.25	-0.49	-6.3%
NC_317	20	4371	0.84	0.78	0.14	0.78	0.84	0.78	0.77	0.78	0.54	0.50	0.28	0.84	0.06	8.2%
NC_318	120	4611	216.43	217.82	17.62	219.08	70.48	123.14	123.67	123.74	211.24	216.56	224.31	224.31	5.23	2.4%
NC_319	10	4364	0.89	0.90	0.09	0.91	0.91	0.80	0.79	0.80	0.55	0.51	0.28	0.91	0.00	-0.3%
NC_320	60	4558	8.14	8.05	0.62	8.07	2.95	5.40	5.49	5.48	7.60	7.54	5.46	7.60	-0.48	-5.9%
NC_321	20	4371	0.99	0.91	0.17	0.91	1.00	0.91	0.90	0.91	0.63	0.58	0.32	1.00	0.09	10.1%
NC_322	20	4433	0.63	0.61	0.09	0.62	0.50	0.60	0.62	0.62	0.45	0.42	0.25	0.62	0.00	0.0%
NC_323	20	4429	1.99	1.89	0.28	1.89	1.90	1.85	1.89	1.89	1.34	1.23	0.72	1.90	0.01	0.7%
NC_324	45	4528	13.30	13.37	0.87	13.52	5.91	9.96	10.31	10.20	12.67	12.17	8.59	12.67	-0.85	-6.3%
NC_325	120	4611	25.04	24.65	0.86	24.67	9.82	14.79	14.87	14.88	24.36	24.56	25.35	25.35	0.68	2.8%
NC_326	45	4528	13.61	13.68	0.71	13.89	5.55	9.80	10.09	10.02	12.90	12.63	9.08	12.90	-0.99	-7.1%
NC_327	20	4433	1.02	1.01	0.08	1.01	0.70	0.98	1.02	1.01	0.82	0.78	0.48	1.02	0.01	0.9%
NC_328	20	4429	0.83	0.76	0.14	0.77	0.84	0.76	0.77	0.76	0.52	0.49	0.27	0.84	0.07	8.6%
NC_329	20	4371	0.96	0.89	0.16	0.89	0.96	0.89	0.88	0.89	0.61	0.57	0.32	0.96	0.07	7.9%
NC_330	20	4371	0.83	0.77	0.14	0.77	0.83	0.77	0.76	0.76	0.53	0.49	0.27	0.83	0.06	8.3%
NC_331	45	4496	19.23	19.19	0.57	19.35	8.85	14.62	15.02	14.98	15.41	16.24	11.34	16.24	-3.11	-16.1%
NC_332	20	4429	2.81	2.70	0.34	2.73	2.69	2.52	2.73	2.67	1.86	1.76	1.03	2.73	0.00	-0.1%
NC_333	25	4394	6.76	6.87	0.53	6.94	4.92	5.93	6.76	6.61	4.91	4.87	2.87	6.76	-0.18	-2.6%
NC_334	20	4371	0.88	0.81	0.15	0.81	0.87	0.81	0.81	0.81	0.56	0.52	0.29	0.87	0.06	7.2%
NC_335	20	4433	0.59	0.57	0.07	0.58	0.44	0.56	0.59	0.58	0.42	0.41	0.24	0.59	0.01	1.2%
NC_336	20	4433	0.60	0.58	0.07	0.59	0.44	0.57	0.60	0.59	0.43	0.42	0.25	0.60	0.01	1.0%
NC_337	10	4364	1.08	1.09	0.11	1.10	1.10	0.99	0.99	1.00	0.69	0.64	0.35	1.10	0.00	-0.3%
NC_338	20	4433	0.68	0.66	0.08	0.67	0.49	0.64	0.68	0.67	0.50	0.48	0.29	0.68	0.01	1.0%
NC_339	20	4399	1.85	1.82	0.18	1.82	1.68	1.56	1.85	1.76	1.22	1.20	0.67	1.85	0.03	1.6%
NC_340	20	4429	0.70	0.66	0.10	0.67	0.61	0.66	0.67	0.67	0.47	0.44	0.25	0.67	0.00	-0.3%
NC_341	180	4653	25.05	25.21	1.62	25.41	9.81	14.77	14.84	14.85	24.17	24.68	25.41	25.41	0.00	0.0%
NC_342	20	4429	5.09	4.95	0.56	5.02	4.88	4.39	5.02	4.84	3.26	3.17	1.81	5.02	0.00	0.0%
NC_343	20	4433	1.37	1.34	0.13	1.35	0.94	1.26	1.38	1.35	1.04	1.00	0.60	1.38	0.03	2.0%
NC_344	20	4429	1.71	1.61	0.24	1.63	1.69	1.53	1.63	1.60	1.08	1.02	0.58	1.69	0.06	3.7%
NC_345	20	4433	0.59	0.58	0.07	0.58	0.43	0.56	0.59	0.58	0.42	0.41	0.24	0.59	0.01	1.4%
NC_346	20	4429	4.89	4.71	0.58	4.79	4.73	4.19	4.79	4.60	3.13	3.02	1.72	4.79	0.00	0.0%
NC_347	10	4364	0.88	0.89	0.09	0.89	0.89	0.80	0.79	0.79	0.55	0.51	0.28	0.89	0.00	0.2%
NC_348	25	4464	1.04	1.04	0.08	1.04	0.57	0.94	1.01	0.99	0.87	0.82	0.52	1.01	-0.04	-3.4%
NC_349	45	4528	1.45	1.43	0.14	1.47	0.81	1.30	1.35	1.34	1.29	1.22	0.79	1.35	-0.12	-8.4%
NC_350	60	4405	14.20	14.11	1.20	14.13	5.63	10.03	10.29	10.24	13.47	13.32	9.77	13.47	-0.66	-4.6%
NC_351	25	4460	0.98	0.98	0.09	0.98	0.62	0.93	0.98	0.97	0.81	0.77	0.48	0.98	-0.01	-0.5%
NC_352	45	4528	1.79	1.79	0.16	1.81	0.88	1.48	1.51	1.51	1.62	1.56	1.02	1.62	-0.19	-10.6%
NC_353	20	4433	1.62	1.57	0.17	1.57	1.47	1.49	1.59	1.57	1.05	1.03	0.60	1.59	0.02	1.3%
NC_354	45	4496	25.07	24.99	0.76	25.12	10.65	18.36	18.66	18.63	20.93	21.54	15.21	21.54	-3.59	-14.3%
NC_355	120	4611	216.44	217.83	17.62	219.07	70.48	123.15	123.68	123.75	211.27	216.59	224.30	224.30	5.23	2.4%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_356	60	4405	14.76	14.75	0.43	14.76	4.89	8.78	8.81	8.79	14.57	14.02	11.56	14.57	-0.19	-1.3%
NC_357	10	4364	0.95	0.96	0.10	0.97	0.97	0.86	0.85	0.86	0.59	0.55	0.30	0.97	0.00	-0.2%
NC_358	45	4528	7.19	7.10	0.60	7.41	3.71	6.12	6.65	6.52	6.11	6.10	3.81	6.65	-0.76	-10.3%
NC_359	20	4429	1.72	1.63	0.23	1.66	1.70	1.51	1.66	1.61	1.09	1.04	0.59	1.70	0.04	2.7%
NC_360	20	4399	1.42	1.40	0.10	1.41	0.88	1.32	1.43	1.40	1.14	1.09	0.66	1.43	0.02	1.7%
NC_361	25	4460	2.05	2.06	0.17	2.07	1.47	1.93	2.05	2.03	1.66	1.58	0.98	2.05	-0.02	-0.8%
NC_362	120	4611	216.44	217.82	17.63	219.06	70.49	123.17	123.70	123.76	211.27	216.59	224.29	224.29	5.23	2.4%
NC_363	20	4433	0.68	0.66	0.09	0.67	0.52	0.64	0.67	0.67	0.49	0.47	0.28	0.67	0.00	0.0%
NC_364	20	4371	0.84	0.78	0.14	0.78	0.85	0.78	0.77	0.78	0.54	0.50	0.28	0.85	0.07	9.2%
NC_365	45	4528	1.48	1.47	0.13	1.51	0.67	1.23	1.28	1.27	1.31	1.26	0.81	1.31	-0.20	-13.0%
NC_366	20	4433	1.26	1.17	0.20	1.17	1.25	1.16	1.17	1.17	0.81	0.75	0.42	1.25	0.08	6.9%
NC_367	25	4464	1.12	1.12	0.08	1.12	0.62	1.01	1.08	1.07	0.94	0.89	0.56	1.08	-0.04	-3.2%
NC_368	25	4461	7.35	7.48	0.61	7.52	4.27	6.47	7.15	6.96	6.12	5.89	3.63	7.15	-0.37	-4.9%
NC_369	20	4433	0.65	0.63	0.08	0.63	0.48	0.61	0.64	0.63	0.46	0.45	0.27	0.64	0.01	1.7%
NC_370	20	4371	0.86	0.79	0.14	0.80	0.86	0.80	0.79	0.79	0.55	0.51	0.28	0.86	0.06	7.0%
NC_371	25	4462	3.19	3.23	0.32	3.29	2.03	2.90	3.20	3.12	2.58	2.46	1.49	3.20	-0.09	-2.6%
NC_372	120	4611	216.44	217.83	17.63	219.05	70.50	123.18	123.72	123.78	211.30	216.62	224.26	224.26	5.21	2.4%
NC_373	10	4364	0.86	0.87	0.09	0.87	0.87	0.79	0.78	0.78	0.54	0.50	0.28	0.87	0.00	0.5%
NC_374	20	4433	1.28	1.26	0.11	1.26	0.85	1.22	1.28	1.26	1.07	1.01	0.64	1.28	0.02	1.3%
NC_375	45	4534	8.40	8.46	0.42	8.63	3.65	6.23	6.43	6.41	8.32	8.35	6.43	8.35	-0.28	-3.2%
NC_376	20	4371	0.96	0.88	0.16	0.88	0.97	0.88	0.88	0.88	0.61	0.56	0.31	0.97	0.09	10.5%
NC_377	60	4558	16.14	16.02	1.42	16.02	6.58	11.51	11.86	11.81	15.42	15.22	11.18	15.42	-0.60	-3.7%
NC_378	20	4433	0.67	0.65	0.09	0.65	0.55	0.64	0.65	0.65	0.47	0.44	0.26	0.65	0.00	0.6%
NC_379	10	4357	0.99	1.00	0.10	1.01	1.01	0.89	0.88	0.89	0.61	0.57	0.31	1.01	0.00	-0.1%
NC_380	25	4461	6.96	7.08	0.60	7.15	4.12	6.19	6.83	6.66	5.79	5.53	3.41	6.83	-0.32	-4.4%
NC_381	60	4405	14.91	14.88	0.43	14.89	4.99	8.83	8.86	8.84	14.73	14.30	11.82	14.73	-0.17	-1.1%
NC_382	20	4429	0.79	0.74	0.13	0.74	0.78	0.74	0.74	0.74	0.51	0.48	0.27	0.78	0.04	4.7%
NC_383	20	4433	1.64	1.60	0.20	1.61	1.30	1.54	1.63	1.61	1.17	1.14	0.68	1.63	0.02	1.4%
NC_384	20	4433	0.78	0.76	0.09	0.77	0.58	0.75	0.78	0.77	0.58	0.56	0.34	0.78	0.01	1.0%
NC_385	90	4532	38.67	38.87	1.35	39.00	16.03	24.01	24.87	24.81	38.74	38.92	37.19	38.92	-0.08	-0.2%
NC_386	10	4357	0.92	0.92	0.09	0.93	0.93	0.80	0.79	0.80	0.55	0.51	0.28	0.93	0.00	0.1%
NC_387	20	4429	0.87	0.83	0.13	0.83	0.77	0.82	0.83	0.83	0.59	0.54	0.32	0.83	0.00	0.0%
NC_388	20	4433	1.03	1.02	0.10	1.02	0.70	0.98	1.04	1.02	0.83	0.79	0.49	1.04	0.01	1.5%
NC_389	25	4460	3.85	3.88	0.27	3.91	2.36	3.47	3.73	3.66	3.34	3.12	2.00	3.73	-0.18	-4.6%
NC_390	20	4433	0.73	0.72	0.08	0.72	0.52	0.69	0.73	0.72	0.55	0.53	0.32	0.73	0.01	1.5%
NC_391	20	4429	2.76	2.64	0.36	2.66	2.61	2.48	2.66	2.61	1.80	1.70	0.97	2.66	0.00	0.2%
NC_392	20	4433	0.67	0.66	0.08	0.66	0.48	0.63	0.67	0.66	0.49	0.48	0.29	0.67	0.01	1.4%
NC_393	10	4364	2.68	2.69	0.20	2.71	2.71	2.27	2.42	2.38	1.58	1.51	0.85	2.71	0.00	0.0%
NC_394	120	4611	216.60	218.01	17.78	218.83	70.92	123.80	124.34	124.41	211.83	217.18	223.78	223.78	4.95	2.3%
NC_395	20	4371	0.82	0.76	0.14	0.76	0.83	0.76	0.76	0.76	0.53	0.49	0.27	0.83	0.07	8.7%
NC_396	25	4460	3.33	3.37	0.27	3.41	1.91	2.96	3.25	3.17	2.82	2.66	1.67	3.25	-0.16	-4.7%
NC_397	45	4496	3.96	3.87	0.48	3.93	2.66	3.18	3.26	3.25	3.12	3.13	2.52	3.26	-0.67	-17.2%
NC_398	20	4433	0.60	0.59	0.08	0.59	0.45	0.57	0.60	0.59	0.43	0.42	0.25	0.60	0.01	1.2%
NC_399	120	4611	216.44	217.82	17.63	219.03	70.51	123.19	123.72	123.79	211.29	216.61	224.25	224.25	5.22	2.4%
NC_400	10	4364	0.90	0.91	0.09	0.92	0.92	0.80	0.79	0.79	0.54	0.50	0.28	0.92	-0.01	-0.5%
NC_401	60	4558	16.15	16.06	0.67	16.08	6.77	10.33	10.59	10.58	16.47	16.01	12.97	16.47	0.39	2.4%
NC_402	20	4429	2.12	2.02	0.27	2.04	2.12	1.87	2.04	1.99	1.34	1.28	0.74	2.12	0.08	3.8%
NC_403	120	4611	216.42	217.76	17.70	218.70	70.67	123.43	123.96	124.03	211.49	216.82	223.85	223.85	5.15	2.4%
NC_404	120	4611	216.45	217.83	17.64	219.03	70.52	123.21	123.74	123.81	211.32	216.64	224.24	224.24	5.21	2.4%
NC_405	20	4433	0.62	0.60	0.09	0.61	0.49	0.59	0.61	0.61	0.44	0.42	0.25	0.61	0.00	0.2%
NC_406	10	4364	4.04	4.06	0.26	4.08	4.08	3.50	3.82	3.72	2.50	2.39	1.35	4.08	0.00	-0.1%
NC_407	20	4371	0.86	0.79	0.14	0.79	0.85	0.79	0.79	0.79	0.55	0.51	0.28	0.85	0.06	8.0%
NC_408	25	4460	3.40	3.40	0.24	3.40	2.12	3.12	3.30	3.24	2.94	2.74	1.77	3.30	-0.10	-3.0%
NC_409	10	4364	1.01	1.02	0.10	1.02	1.03	0.91	0.90	0.91	0.62	0.58	0.32	1.03	0.00	0.5%
NC_410	20	4433	1.72	1.63	0.22	1.64	1.57	1.57	1.67	1.64	1.14	1.08	0.62	1.67	0.03	1.5%
NC_411	15	4401	3.00	2.86	0.32	2.89	2.93	2.58	2.95	2.85	1.90	1.85	1.06	2.95	0.06	2.0%
NC_412	20	4429	1.82	1.74	0.24	1.75	1.71	1.67	1.75	1.73	1.19	1.12	0.65	1.75	0.00	0.2%
NC_413	10	4364	0.96	0.97	0.10	0.98	0.98	0.87	0.86	0.86	0.59	0.55	0.30	0.98	0.00	-0.4%
NC_414	20	4371	0.83	0.77	0.14	0.77	0.84	0.77	0.76	0.76	0.53	0.49	0.27	0.84	0.07	9.2%
NC_415	10	4364	1.17	1.18	0.12	1.19	1.19	1.05	1.05	1.05	0.72	0.67	0.37	1.19	0.00	0.3%
NC_416	10	4364	1.14	1.15	0.11	1.16	1.16	1.04	1.04	1.04	0.72	0.67	0.37	1.16	0.00	0.1%
NC_417	25	4464	2.43	2.41	0.16	2.42	1.75	2.32	2.38	2.38	1.99	1.86	1.21	2.38	-0.04	-1.7%
NC_418	10	4357	1.05	1.05	0.11	1.06	1.06	0.91	0.90	0.91	0.62	0.58	0.32	1.06	0.00	0.0%
NC_419	20	4429	4.07	4.06	0.33	4.11	3.47	3.41	4.11	3.94	2.72	2.67	1.51	4.11	0.00	0.0%
NC_420	10	4357	0.88	0.89	0.09	0.90	0.90	0.80	0.79	0.80	0.55	0.51	0.28	0.90	0.00	-0.2%
NC_421	45	4528	1.80	1.79	0.15	1.83	0.85	1.49	1.54	1.53	1.58	1.53	0.98	1.58	-0.25	-13.8%
NC_422	120	4611	216.05	217.23	17.83	217.46	70.94	123.81	124.35	124.42	211.66	217.00	222.65	222.65	5.19	2.4%
NC_423	10	4364	0.90	0.91	0.09	0.91	0.91	0.83	0.82	0.83	0.57	0.53	0.29	0.91	0.00	0.4%
NC_424	25	4394	5.70	5.80	0.40	5.84	3.29	4.90	5.47	5.35	4.54	4.47	2.70	5.47	-0.37	-6.3%
NC_425	20	4399	1.21	1.20	0.10	1.20	0.79	1.12	1.23	1.20	0.94	0.90	0.54	1.23	0.03	2.5%
NC_426	10	4357	0.86	0.87	0.09	0.88	0.88	0.80	0.79	0.79	0.55	0.51	0.28	0.88	0.00	-0.1%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_427	15	4401	4.29	4.11	0.46	4.15	4.22	3.61	4.19	4.02	2.68	2.61	1.48	4.22	0.07	1.6%
NC_428	20	4433	1.30	1.25	0.14	1.25	1.20	1.18	1.27	1.25	0.82	0.79	0.46	1.27	0.02	1.5%
NC_429	10	4357	0.85	0.85	0.09	0.86	0.86	0.78	0.77	0.77	0.53	0.49	0.27	0.86	0.00	0.0%
NC_430	10	4364	1.36	1.36	0.13	1.37	1.37	1.14	1.13	1.15	0.77	0.72	0.39	1.37	0.00	-0.1%
NC_431	20	4433	0.69	0.66	0.10	0.67	0.58	0.66	0.67	0.67	0.48	0.45	0.26	0.67	0.00	0.0%
NC_432	15	4401	3.79	3.68	0.33	3.72	3.58	3.20	3.76	3.61	2.41	2.37	1.35	3.76	0.04	1.1%
NC_433	20	4428	2.91	2.89	0.21	2.91	2.33	2.57	2.94	2.86	1.99	1.95	1.13	2.94	0.03	1.1%
NC_434	20	4433	0.59	0.57	0.07	0.58	0.43	0.56	0.59	0.58	0.42	0.41	0.24	0.59	0.01	1.2%
NC_435	10	4364	0.98	0.99	0.10	1.00	1.00	0.85	0.84	0.85	0.58	0.54	0.29	1.00	-0.01	-0.5%
NC_436	25	4461	4.19	4.17	0.27	4.21	2.94	3.69	4.09	4.06	2.97	2.96	1.74	4.09	-0.12	-2.9%
NC_437	120	4611	216.21	217.44	17.87	217.64	71.09	124.02	124.57	124.63	211.90	217.24	222.71	222.71	5.07	2.3%
NC_438	10	4364	1.78	1.79	0.14	1.80	1.80	1.51	1.59	1.57	1.04	0.99	0.56	1.80	0.00	0.1%
NC_439	20	4433	0.59	0.57	0.07	0.58	0.43	0.56	0.59	0.58	0.42	0.41	0.24	0.59	0.01	1.2%
NC_440	25	4460	4.59	4.60	0.31	4.64	3.39	4.24	4.52	4.47	3.75	3.53	2.26	4.52	-0.12	-2.6%
NC_441	20	4433	1.52	1.47	0.18	1.48	1.30	1.40	1.51	1.48	1.05	1.01	0.59	1.51	0.03	1.8%
NC_442	20	4433	0.89	0.84	0.14	0.84	0.83	0.83	0.84	0.84	0.59	0.54	0.31	0.84	0.00	-0.2%
NC_443	60	4558	19.86	19.66	1.40	19.71	12.16	15.88	17.27	17.01	21.29	20.33	15.75	21.29	1.58	8.0%
NC_444	20	4433	1.44	1.39	0.16	1.40	1.31	1.32	1.41	1.40	0.92	0.90	0.52	1.41	0.01	1.0%
NC_445	20	4433	0.70	0.68	0.08	0.69	0.51	0.66	0.69	0.69	0.51	0.49	0.29	0.69	0.00	0.6%
NC_446	10	4364	2.55	2.56	0.14	2.57	2.57	2.11	2.36	2.29	1.50	1.45	0.83	2.57	0.00	0.0%
NC_447	20	4429	1.92	1.84	0.25	1.86	1.83	1.72	1.86	1.82	1.24	1.18	0.68	1.86	0.00	0.1%
NC_448	25	4461	3.88	3.94	0.26	3.96	2.10	3.40	3.69	3.61	3.34	3.18	2.00	3.69	-0.27	-6.8%
NC_449	25	4394	4.33	4.39	0.33	4.40	3.10	3.83	4.33	4.25	3.16	3.08	1.83	4.33	-0.07	-1.7%
NC_450	25	4394	4.77	4.87	0.37	4.90	2.84	4.11	4.64	4.52	3.78	3.71	2.23	4.64	-0.26	-5.4%
NC_451	25	4394	4.33	4.42	0.36	4.42	2.65	3.75	4.25	4.13	3.43	3.32	1.99	4.25	-0.17	-3.9%
NC_452	120	4499	6.97	6.96	0.47	7.12	2.15	3.85	3.86	3.87	6.81	7.12	7.21	7.21	0.09	1.2%
NC_453	20	4433	1.58	1.50	0.18	1.52	1.43	1.47	1.53	1.52	1.08	1.02	0.61	1.53	0.01	0.4%
NC_454	25	4464	1.49	1.48	0.09	1.49	0.88	1.36	1.42	1.41	1.26	1.18	0.76	1.42	-0.07	-4.7%
NC_455	25	4460	2.47	2.48	0.18	2.50	1.39	2.21	2.39	2.34	2.10	1.98	1.24	2.39	-0.12	-4.6%
NC_456	10	4364	2.10	2.11	0.17	2.13	2.13	1.74	1.84	1.82	1.19	1.14	0.64	2.13	0.00	-0.2%
NC_457	120	4611	216.32	217.60	17.90	217.78	71.18	124.17	124.72	124.79	212.05	217.41	222.75	222.75	4.97	2.3%
NC_458	120	4499	66.34	66.28	4.16	67.15	25.93	40.21	40.97	40.96	63.33	67.15	66.10	67.15	0.00	0.0%
NC_459	10	4364	0.96	0.96	0.10	0.96	0.96	0.82	0.81	0.81	0.56	0.52	0.28	0.96	0.00	0.4%
NC_460	10	4364	0.96	0.96	0.10	0.97	0.97	0.83	0.82	0.83	0.57	0.53	0.29	0.97	0.00	-0.3%
NC_461	20	4428	2.96	2.94	0.20	2.98	2.55	2.60	2.98	2.91	1.90	1.88	1.08	2.98	0.00	-0.1%
NC_462	20	4429	2.51	2.38	0.33	2.41	2.48	2.20	2.41	2.35	1.60	1.52	0.87	2.48	0.07	3.0%
NC_463	10	4364	2.90	2.91	0.15	2.92	2.92	2.47	2.76	2.68	1.77	1.71	0.98	2.92	0.00	0.1%
NC_464	20	4433	0.67	0.64	0.09	0.65	0.57	0.64	0.65	0.65	0.46	0.43	0.25	0.65	0.00	-0.5%
NC_465	10	4364	2.11	2.13	0.15	2.14	2.14	1.87	1.99	1.96	1.30	1.24	0.71	2.14	0.00	-0.1%
NC_466	45	4534	44.15	44.02	1.52	44.19	14.59	29.82	30.57	30.51	38.97	42.03	28.33	42.03	-2.16	-4.9%
NC_467	20	4433	0.59	0.58	0.07	0.58	0.43	0.56	0.59	0.58	0.42	0.41	0.24	0.59	0.01	1.2%
NC_468	20	4433	1.21	1.12	0.20	1.12	1.22	1.12	1.12	1.12	0.77	0.72	0.40	1.22	0.10	8.6%
NC_469	20	4404	2.27	2.26	0.17	2.26	1.86	2.02	2.29	2.23	1.55	1.51	0.88	2.29	0.03	1.2%
NC_470	30	4498	4.70	4.66	0.37	4.73	2.89	4.08	4.37	4.33	3.94	3.85	2.48	4.37	-0.37	-7.7%
NC_471	10	4364	0.96	0.96	0.10	0.97	0.97	0.83	0.81	0.82	0.56	0.52	0.28	0.97	0.00	-0.4%
NC_472	20	4433	1.07	1.06	0.09	1.06	0.75	1.01	1.08	1.06	0.83	0.79	0.48	1.08	0.01	1.4%
NC_473	10	4364	1.00	1.00	0.10	1.01	1.01	0.89	0.88	0.89	0.61	0.57	0.31	1.01	0.00	0.2%
NC_474	20	4433	0.59	0.57	0.07	0.58	0.43	0.55	0.59	0.58	0.42	0.41	0.24	0.59	0.01	0.9%
NC_475	10	4364	0.98	0.97	0.09	0.98	0.98	0.83	0.81	0.83	0.56	0.52	0.28	0.98	0.00	0.2%
NC_476	20	4429	0.73	0.69	0.11	0.69	0.65	0.69	0.69	0.69	0.49	0.45	0.26	0.69	0.00	0.1%
NC_477	20	4371	0.85	0.78	0.14	0.78	0.84	0.78	0.78	0.78	0.54	0.50	0.28	0.84	0.06	8.1%
NC_478	10	4364	1.82	1.84	0.15	1.85	1.85	1.52	1.61	1.58	1.04	0.99	0.56	1.85	0.00	-0.2%
NC_479	10	4364	2.89	2.90	0.16	2.92	2.92	2.34	2.62	2.54	1.65	1.60	0.91	2.92	0.00	-0.1%
NC_480	10	4364	1.61	1.61	0.15	1.63	1.63	1.35	1.35	1.36	0.92	0.86	0.47	1.63	0.00	-0.2%
NC_481	25	4464	1.14	1.14	0.08	1.14	0.65	1.05	1.11	1.09	0.98	0.92	0.59	1.11	-0.03	-3.0%
NC_482	10	4364	1.97	1.99	0.16	2.00	2.00	1.67	1.76	1.74	1.15	1.09	0.61	2.00	0.00	-0.1%
NC_483	60	4558	44.93	43.74	3.23	43.93	15.26	29.50	30.23	30.19	39.89	42.96	29.74	42.96	-0.97	-2.2%
NC_484	60	4558	6.74	6.75	0.42	6.76	2.74	4.41	4.50	4.49	6.50	6.25	5.12	6.50	-0.26	-3.9%
NC_485	45	4528	7.82	7.80	0.51	8.04	4.88	6.66	7.22	7.14	7.19	6.99	5.01	7.22	-0.82	-10.3%
NC_486	10	4364	1.14	1.15	0.11	1.15	1.15	1.04	1.04	1.04	0.72	0.67	0.37	1.15	0.00	0.3%
NC_487	10	4364	1.18	1.16	0.10	1.17	1.17	1.04	0.94	1.00	0.65	0.60	0.33	1.17	0.00	0.2%
NC_488	120	4499	7.30	7.22	0.40	7.28	2.18	3.90	3.92	3.92	6.95	7.28	7.65	7.65	0.37	5.0%
NC_489	20	4433	1.26	1.16	0.20	1.16	1.27	1.16	1.16	1.16	0.80	0.74	0.42	1.27	0.11	9.6%
NC_490	10	4364	1.17	1.17	0.11	1.18	1.18	1.01	0.96	0.99	0.66	0.61	0.33	1.18	0.00	-0.3%
NC_491	10	4364	1.21	1.20	0.11	1.21	1.21	1.05	0.98	1.03	0.67	0.62	0.34	1.21	0.00	-0.1%
NC_492	60	4558	37.39	37.05	2.54	37.09	16.09	26.14	26.82	26.82	35.59	35.24	27.75	35.59	-1.50	-4.0%
NC_493	10	4364	1.72	1.73	0.13	1.74	1.74	1.51	1.60	1.58	1.05	1.00	0.57	1.74	0.00	0.0%
NC_494	10	4364	1.79	1.81	0.14	1.82	1.82	1.52	1.60	1.58	1.04	0.99	0.56	1.82	0.00	-0.2%
NC_495	20	4371	0.82	0.76	0.13	0.76	0.79	0.76	0.76	0.76	0.53	0.49	0.28	0.79	0.03	4.2%
NC_496	10	4364	0.92	0.93	0.09	0.94	0.94	0.81	0.79	0.80	0.55	0.51	0.28	0.94	0.00	-0.5%
NC_497	25	4464	1.11	1.11	0.07	1.11	0.58	0.99	1.06	1.04	0.95	0.89	0.56	1.06	-0.05	-4.5%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_498	10	4364	1.15	1.16	0.12	1.17	1.17	1.04	1.04	1.04	0.72	0.67	0.37	1.17	0.00	0.1%
NC_499	120	4499	66.56	66.52	4.08	67.44	25.90	40.27	40.99	40.98	63.35	67.44	66.39	67.44	0.00	0.0%
NC_500	25	4461	2.58	2.63	0.27	2.66	1.77	2.25	2.63	2.52	2.00	1.93	1.13	2.63	-0.04	-1.3%
NC_501	10	4364	2.91	2.93	0.16	2.94	2.94	2.41	2.69	2.61	1.69	1.64	0.94	2.94	0.00	0.0%
NC_502	120	4611	216.43	217.73	17.93	217.89	71.27	124.30	124.86	124.93	212.22	217.56	222.80	222.80	4.91	2.3%
NC_503	10	4364	2.10	2.11	0.17	2.12	2.12	1.71	1.75	1.75	1.13	1.08	0.61	2.12	0.00	-0.1%
NC_504	20	4399	1.95	1.92	0.19	1.92	1.48	1.73	1.97	1.88	1.42	1.37	0.79	1.97	0.05	2.3%
NC_505	20	4433	1.45	1.39	0.16	1.40	1.29	1.35	1.41	1.40	0.98	0.94	0.55	1.41	0.01	0.6%
NC_506	60	4558	6.68	6.68	0.51	6.68	2.77	4.54	4.66	4.65	6.48	6.18	4.93	6.48	-0.20	-2.9%
NC_507	10	4364	4.32	4.34	0.23	4.36	4.36	3.47	3.87	3.75	2.44	2.36	1.34	4.36	0.00	0.0%
NC_508	20	4399	1.24	1.22	0.11	1.22	0.95	1.14	1.24	1.22	0.88	0.85	0.50	1.24	0.02	1.6%
NC_509	20	4399	1.19	1.18	0.10	1.18	0.76	1.10	1.21	1.18	0.93	0.89	0.53	1.21	0.03	2.4%
NC_510	10	4364	2.85	2.87	0.16	2.88	2.88	2.36	2.63	2.55	1.66	1.60	0.92	2.88	0.00	0.0%
NC_511	10	4364	1.77	1.78	0.14	1.79	1.79	1.50	1.58	1.56	1.03	0.98	0.55	1.79	0.00	0.1%
NC_512	10	4364	1.18	1.19	0.12	1.19	1.19	1.05	1.05	1.06	0.72	0.67	0.37	1.19	0.00	0.3%
NC_513	10	4364	2.52	2.53	0.15	2.55	2.55	2.01	2.24	2.17	1.42	1.37	0.78	2.55	0.00	-0.2%
NC_514	10	4364	1.41	1.41	0.13	1.42	1.42	1.21	1.16	1.20	0.79	0.74	0.40	1.42	0.00	-0.1%
NC_515	25	4462	1.79	1.81	0.16	1.85	1.05	1.60	1.78	1.72	1.44	1.38	0.83	1.78	-0.07	-3.9%
NC_516	10	4364	2.75	2.76	0.14	2.78	2.78	2.21	2.48	2.40	1.56	1.52	0.86	2.78	0.00	-0.2%
NC_517	20	4433	0.75	0.74	0.08	0.74	0.53	0.71	0.75	0.74	0.57	0.55	0.33	0.75	0.01	1.5%
NC_518	15	4401	3.58	3.47	0.35	3.49	3.58	2.93	3.39	3.24	2.11	2.06	1.17	3.58	0.09	2.6%
NC_519	120	4611	216.51	217.84	17.96	217.94	71.36	124.44	124.99	125.06	212.36	217.73	222.77	222.77	4.83	2.2%
NC_520	120	4499	66.60	66.55	4.05	67.48	25.86	40.26	40.95	40.95	63.34	67.48	66.48	67.48	0.00	0.0%
NC_521	20	4433	0.60	0.58	0.07	0.59	0.44	0.56	0.60	0.59	0.43	0.42	0.25	0.60	0.01	1.0%
NC_522	10	4364	2.48	2.49	0.18	2.51	2.51	2.13	2.26	2.23	1.46	1.39	0.79	2.51	0.00	-0.2%
NC_523	10	4364	2.02	2.03	0.16	2.05	2.05	1.66	1.76	1.73	1.14	1.08	0.61	2.05	0.00	-0.1%
NC_524	60	4558	37.35	36.98	2.44	37.02	15.95	26.01	26.66	26.65	35.52	35.15	27.92	35.52	-1.50	-4.0%
NC_525	25	4394	1.54	1.54	0.10	1.55	0.90	1.40	1.50	1.48	1.22	1.16	0.72	1.50	-0.05	-3.4%
NC_526	25	4394	25.75	26.09	1.61	26.23	18.84	22.84	25.32	24.88	26.90	25.26	19.06	26.90	0.67	2.5%
NC_527	30	4498	1.83	1.83	0.12	1.85	0.91	1.57	1.61	1.61	1.53	1.49	0.94	1.61	-0.24	-13.1%
NC_528	45	4534	3.23	3.22	0.16	3.26	1.36	2.39	2.46	2.45	2.78	2.85	1.90	2.85	-0.41	-12.6%
NC_529	45	4496	3.37	3.36	0.11	3.39	1.36	2.40	2.46	2.45	2.96	3.00	2.10	3.00	-0.39	-11.4%
NC_530	10	4364	1.07	1.08	0.11	1.09	1.09	0.95	0.94	0.95	0.65	0.60	0.33	1.09	0.00	-0.4%
NC_531	10	4357	0.94	0.95	0.10	0.96	0.96	0.86	0.85	0.86	0.59	0.55	0.30	0.96	-0.01	-0.5%
NC_532	120	4611	216.66	218.02	18.01	218.07	71.50	124.64	125.21	125.28	212.60	217.98	222.79	222.79	4.72	2.2%
NC_533	10	4364	0.98	0.97	0.09	0.98	0.98	0.83	0.81	0.82	0.56	0.52	0.28	0.98	0.00	0.1%
NC_534	45	4528	2.77	2.74	0.22	2.82	1.36	2.32	2.41	2.40	2.38	2.31	1.48	2.41	-0.41	-14.5%
NC_535	120	4499	216.69	218.04	18.04	218.12	71.60	124.80	125.36	125.43	212.75	218.12	222.65	222.65	4.53	2.1%
NC_536	45	4528	3.00	3.02	0.21	3.09	1.36	2.35	2.43	2.42	2.57	2.59	1.67	2.59	-0.50	-16.1%
NC_537	10	4364	1.00	0.99	0.09	1.00	1.00	0.87	0.81	0.85	0.56	0.52	0.28	1.00	0.00	0.1%
NC_538	15	4401	3.92	3.77	0.38	3.80	3.88	3.21	3.75	3.61	2.32	2.28	1.30	3.88	0.08	2.1%
NC_539	60	4558	37.24	36.85	2.34	36.88	15.79	25.85	26.46	26.46	35.39	35.01	28.07	35.39	-1.49	-4.0%
NC_540	10	4364	0.96	0.96	0.09	0.97	0.97	0.82	0.80	0.81	0.56	0.52	0.28	0.97	-0.01	-0.5%
NC_541	45	4528	6.63	6.72	0.47	6.79	2.81	5.01	5.21	5.17	6.48	6.05	4.68	6.48	-0.31	-4.6%
NC_542	10	4364	0.95	0.96	0.10	0.96	0.96	0.82	0.81	0.82	0.56	0.52	0.28	0.96	0.00	0.3%
NC_543	15	4401	4.60	4.49	0.36	4.53	4.41	3.71	4.44	4.25	2.74	2.71	1.54	4.44	-0.09	-2.0%
NC_544	20	4433	0.89	0.86	0.12	0.86	0.77	0.85	0.86	0.86	0.62	0.58	0.34	0.86	0.00	0.3%
NC_545	20	4433	1.37	1.35	0.14	1.35	1.09	1.29	1.37	1.35	0.99	0.95	0.57	1.37	0.02	1.3%
NC_546	20	4433	0.81	0.79	0.09	0.80	0.59	0.77	0.81	0.80	0.61	0.58	0.35	0.81	0.01	1.1%
NC_547	20	4433	0.62	0.60	0.09	0.61	0.48	0.59	0.61	0.61	0.44	0.42	0.25	0.61	0.00	0.0%
NC_548	10	4357	1.09	1.10	0.06	1.10	1.10	0.87	0.97	0.94	0.61	0.59	0.33	1.10	0.00	0.3%
NC_549	20	4371	0.82	0.76	0.14	0.76	0.82	0.76	0.75	0.76	0.52	0.48	0.27	0.82	0.06	8.2%
NC_550	20	4433	1.34	1.29	0.17	1.30	1.11	1.24	1.32	1.30	0.92	0.89	0.52	1.32	0.02	1.7%
NC_551	20	4399	2.00	1.98	0.18	1.99	1.46	1.79	2.03	1.96	1.51	1.45	0.86	2.03	0.04	1.9%
NC_552	20	4429	1.75	1.65	0.25	1.67	1.74	1.57	1.67	1.64	1.10	1.04	0.60	1.74	0.07	4.1%
NC_553	20	4433	1.57	1.52	0.16	1.52	1.44	1.43	1.54	1.52	1.00	0.98	0.57	1.54	0.02	1.3%
NC_554	20	4433	0.64	0.63	0.07	0.63	0.46	0.61	0.64	0.63	0.47	0.45	0.27	0.64	0.01	1.4%
NC_555	15	4401	8.05	7.80	0.78	7.84	7.93	6.55	7.68	7.37	4.82	4.70	2.68	7.93	0.09	1.1%
NC_556	20	4429	0.69	0.66	0.10	0.67	0.60	0.66	0.67	0.67	0.47	0.44	0.26	0.67	-0.01	-0.7%
NC_557	10	4364	1.00	1.01	0.10	1.02	1.02	0.92	0.92	0.92	0.63	0.59	0.33	1.02	0.00	-0.2%
NC_558	60	4558	37.77	37.28	2.09	37.31	15.78	25.88	26.47	26.47	35.69	35.38	29.05	35.69	-1.62	-4.4%
NC_559	15	4401	8.73	8.53	0.72	8.62	8.44	7.03	8.41	7.97	5.28	5.19	2.92	8.44	-0.18	-2.1%
NC_560	180	4653	7.82	7.94	0.79	8.13	2.22	3.98	3.99	4.00	7.20	7.59	8.13	8.13	0.00	0.0%
NC_561	15	4401	10.22	10.12	0.72	10.22	9.65	8.19	9.88	9.32	6.25	6.14	3.45	9.88	-0.34	-3.3%
NC_562	10	4364	1.71	1.72	0.16	1.73	1.73	1.45	1.46	1.46	0.99	0.92	0.51	1.73	0.00	0.1%
NC_563	10	4364	1.24	1.25	0.12	1.26	1.26	1.12	1.12	1.13	0.77	0.72	0.40	1.26	0.00	-0.1%
NC_564	20	4433	1.51	1.45	0.17	1.45	1.42	1.37	1.47	1.45	0.94	0.91	0.53	1.47	0.02	1.4%
NC_565	10	4364	0.98	0.97	0.09	0.98	0.98	0.83	0.81	0.82	0.56	0.52	0.28	0.98	0.00	0.2%
NC_566	10	4364	1.08	1.08	0.11	1.09	1.09	0.93	0.92	0.92	0.63	0.59	0.32	1.09	0.00	0.2%
NC_567	10	4364	0.93	0.93	0.09	0.94	0.94	0.81	0.80	0.80	0.55	0.51	0.28	0.94	0.00	-0.2%
NC_568	20	4433	0.73	0.69	0.11	0.69	0.68	0.69	0.69	0.69	0.49	0.45	0.26	0.69	0.00	0.6%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_569	20	4429	0.81	0.78	0.10	0.79	0.80	0.70	0.79	0.76	0.51	0.49	0.28	0.80	0.01	1.6%
NC_570	20	4433	0.78	0.74	0.12	0.74	0.73	0.74	0.74	0.74	0.52	0.48	0.27	0.74	0.00	-0.1%
NC_571	120	4499	68.94	69.16	3.28	70.39	26.24	41.97	41.61	41.69	64.99	70.39	69.19	70.39	0.00	0.0%
NC_572	20	4433	1.26	1.22	0.14	1.23	1.07	1.18	1.24	1.23	0.86	0.84	0.50	1.24	0.01	1.1%
NC_573	15	4401	11.48	11.58	0.47	11.66	10.23	8.93	11.31	10.85	7.14	7.07	3.95	11.31	-0.35	-3.0%
NC_574	120	4499	112.25	111.65	10.78	114.47	44.68	72.76	73.45	73.53	112.02	114.47	110.96	114.47	0.00	0.0%
NC_575	25	4394	15.59	15.85	1.05	15.93	9.63	13.57	15.01	14.71	12.44	12.32	7.46	15.01	-0.92	-5.8%
NC_576	20	4371	0.87	0.80	0.15	0.80	0.88	0.80	0.79	0.80	0.55	0.51	0.28	0.88	0.08	9.4%
NC_577	60	4558	44.10	42.96	2.50	43.10	14.50	28.25	28.85	28.83	39.64	42.25	31.27	42.25	-0.85	-2.0%
NC_578	20	4433	0.73	0.69	0.11	0.69	0.67	0.69	0.69	0.69	0.49	0.45	0.26	0.69	0.00	0.0%
NC_579	20	4433	1.28	1.24	0.16	1.25	1.01	1.20	1.27	1.25	0.90	0.87	0.51	1.27	0.02	1.8%
NC_580	10	4364	1.07	1.06	0.10	1.07	1.07	0.93	0.86	0.91	0.60	0.55	0.30	1.07	0.00	0.0%
NC_581	25	4458	18.39	18.19	1.22	18.53	14.79	15.63	18.31	18.03	11.86	12.24	7.04	18.31	-0.22	-1.2%
NC_582	20	4433	0.60	0.59	0.07	0.59	0.44	0.57	0.60	0.59	0.43	0.42	0.25	0.60	0.01	1.4%
NC_583	20	4433	1.11	1.03	0.18	1.03	1.12	1.03	1.03	1.03	0.71	0.66	0.37	1.12	0.09	8.3%
NC_584	20	4371	0.86	0.80	0.15	0.80	0.88	0.80	0.79	0.80	0.55	0.51	0.28	0.88	0.08	9.5%
NC_585	60	4558	37.64	37.15	2.01	37.17	15.62	25.70	26.25	26.26	35.55	35.23	29.23	35.55	-1.62	-4.3%
NC_586	15	4407	12.72	12.80	0.41	12.86	11.05	10.22	12.62	12.25	7.94	7.93	4.46	12.62	-0.24	-1.9%
NC_587	60	4558	51.70	50.94	2.06	50.98	21.51	34.98	35.53	35.56	48.25	47.80	41.60	48.25	-2.73	-5.4%
NC_588	10	4364	2.87	2.89	0.22	2.90	2.90	2.35	2.52	2.47	1.62	1.55	0.88	2.90	0.00	0.1%
NC_589	20	4433	1.37	1.32	0.17	1.33	1.14	1.27	1.35	1.33	0.95	0.91	0.53	1.35	0.02	1.8%
NC_590	20	4399	3.74	3.70	0.31	3.71	3.27	3.43	3.73	3.68	2.44	2.38	1.42	3.73	0.02	0.5%
NC_591	25	4458	18.73	18.60	0.99	18.97	13.84	16.21	18.26	18.08	12.19	12.93	7.54	18.26	-0.71	-3.7%
NC_592	20	4433	1.09	1.00	0.18	1.00	1.10	1.00	1.00	1.00	0.69	0.64	0.36	1.10	0.10	10.1%
NC_593	120	4499	112.31	111.68	10.75	114.48	44.64	72.72	73.41	73.49	112.01	114.48	111.08	114.48	0.00	0.0%
NC_594	20	4433	0.63	0.61	0.09	0.62	0.51	0.60	0.62	0.62	0.44	0.42	0.25	0.62	0.00	0.2%
NC_595	25	4394	14.76	15.01	1.04	15.07	9.22	12.88	14.29	14.00	11.74	11.55	6.98	14.29	-0.78	-5.2%
NC_596	20	4429	1.86	1.76	0.26	1.78	1.84	1.67	1.78	1.75	1.18	1.12	0.64	1.84	0.06	3.6%
NC_597	10	4364	1.03	1.01	0.08	1.02	1.02	0.91	0.81	0.87	0.56	0.52	0.28	1.02	0.00	-0.1%
NC_598	120	4499	208.78	209.37	18.09	212.02	70.30	122.16	122.73	122.80	206.90	212.02	212.09	212.09	0.07	0.0%
NC_599	10	4364	1.97	1.99	0.16	2.00	2.00	1.63	1.72	1.70	1.12	1.06	0.60	2.00	0.00	-0.1%
NC_600	20	4367	14.01	14.22	1.02	14.35	11.86	11.70	14.01	13.78	8.82	8.87	5.02	14.01	-0.34	-2.4%
NC_601	120	4499	112.36	111.69	10.73	114.48	44.61	72.68	73.37	73.45	111.99	114.48	111.17	114.48	0.00	0.0%
NC_602	20	4429	2.85	2.74	0.36	2.77	2.75	2.54	2.77	2.71	1.82	1.75	1.01	2.77	0.00	0.1%
NC_603	120	4499	122.20	121.06	9.58	123.19	45.15	74.05	74.51	74.62	120.93	123.19	121.61	123.19	0.00	0.0%
NC_604	60	4558	159.66	158.95	4.20	159.14	58.22	101.44	102.03	102.14	160.48	165.63	153.02	165.63	6.49	4.1%
NC_605	120	4499	215.94	216.58	18.44	218.87	72.25	125.71	126.30	126.36	213.48	218.87	219.98	219.98	1.11	0.5%
NC_606	120	4499	122.16	121.00	9.54	123.16	45.02	73.95	74.38	74.48	120.71	123.16	121.78	123.16	0.00	0.0%
NC_607	120	4499	122.28	121.13	9.60	123.26	45.23	74.13	74.62	74.72	121.14	123.26	121.57	123.26	0.00	0.0%
NC_608	15	4401	15.72	15.75	0.57	15.84	13.79	12.50	15.54	15.02	9.78	9.88	5.55	15.54	-0.30	-1.9%
NC_609	25	4458	14.07	13.95	0.89	14.14	10.79	12.29	13.91	13.84	9.10	9.45	5.46	13.91	-0.23	-1.6%
NC_610	60	4558	159.45	158.72	4.13	158.90	58.11	101.22	101.79	101.91	160.35	165.52	153.49	165.52	6.62	4.2%
NC_611	10	4364	1.58	1.60	0.15	1.61	1.61	1.36	1.37	1.37	0.93	0.87	0.48	1.61	0.00	-0.2%
NC_612	20	4429	3.56	3.46	0.38	3.51	3.41	3.06	3.51	3.38	2.29	2.22	1.27	3.51	0.00	0.0%
NC_613	20	4429	1.96	1.84	0.28	1.86	1.98	1.74	1.86	1.82	1.22	1.16	0.66	1.98	0.12	6.3%
NC_614	20	4428	2.39	2.38	0.19	2.39	1.72	2.11	2.42	2.33	1.81	1.75	1.03	2.42	0.03	1.4%
NC_615	20	4429	0.78	0.74	0.12	0.74	0.73	0.73	0.74	0.74	0.51	0.48	0.27	0.74	0.00	0.4%
NC_616	120	4499	116.40	115.54	10.19	117.68	44.97	73.37	74.01	74.09	114.11	117.68	115.25	117.68	0.00	0.0%
NC_617	20	4433	1.08	1.00	0.18	1.00	1.07	1.00	1.00	1.01	0.70	0.65	0.36	1.07	0.07	7.3%
NC_618	10	4364	0.92	0.92	0.09	0.93	0.93	0.80	0.79	0.80	0.55	0.51	0.28	0.93	0.00	-0.2%
NC_619	60	4558	159.33	158.59	4.17	158.78	58.12	101.22	101.80	101.92	160.20	165.37	153.03	165.37	6.59	4.1%
NC_620	120	4499	208.70	209.23	18.13	212.08	70.35	122.22	122.80	122.86	206.94	212.08	211.80	212.08	0.00	0.0%
NC_621	120	4499	215.95	216.65	18.39	218.73	72.16	125.58	126.16	126.22	213.34	218.73	220.22	220.22	1.49	0.7%
NC_622	25	4460	1.03	1.03	0.09	1.03	0.63	0.95	1.02	1.01	0.84	0.80	0.49	1.02	-0.01	-0.8%
NC_623	120	4499	118.07	116.81	9.75	118.71	44.87	73.32	73.92	74.00	115.45	118.71	117.60	118.71	0.00	0.0%
NC_624	10	4364	1.08	1.07	0.10	1.08	1.08	0.92	0.89	0.91	0.61	0.57	0.31	1.08	0.00	0.1%
NC_625	25	4461	3.79	3.83	0.27	3.83	2.82	3.38	3.80	3.75	2.71	2.64	1.58	3.80	-0.03	-0.7%
NC_626	60	4558	51.86	51.10	2.11	51.14	21.68	35.17	35.74	35.78	48.37	47.94	41.43	48.37	-2.78	-5.4%
NC_627	20	4433	0.65	0.63	0.09	0.64	0.52	0.62	0.64	0.64	0.46	0.44	0.26	0.64	0.00	0.3%
NC_628	20	4433	0.65	0.63	0.09	0.63	0.54	0.62	0.63	0.63	0.45	0.42	0.25	0.63	0.00	0.6%
NC_629	120	4499	117.00	116.04	10.01	118.04	44.97	73.38	74.01	74.09	114.62	118.04	116.07	118.04	0.00	0.0%
NC_630	20	4399	1.93	1.92	0.15	1.93	1.32	1.75	1.96	1.89	1.51	1.45	0.86	1.96	0.03	1.5%
NC_631	10	4364	1.04	1.02	0.08	1.02	1.03	0.92	0.82	0.88	0.57	0.53	0.29	1.03	0.00	0.5%
NC_632	10	4364	0.95	0.95	0.10	0.96	0.96	0.83	0.81	0.82	0.56	0.52	0.28	0.96	0.00	-0.3%
NC_633	10	4364	0.99	0.98	0.10	0.99	0.99	0.84	0.82	0.83	0.57	0.53	0.29	0.99	0.00	0.3%
NC_634	25	4458	20.10	19.99	0.89	20.33	13.84	17.52	19.27	19.14	13.50	14.57	8.60	19.27	-1.06	-5.2%
NC_635	45	4534	29.12	28.94	1.39	29.51	17.89	24.88	26.60	26.45	28.92	29.15	22.01	29.15	-0.36	-1.2%
NC_636	20	4371	0.83	0.77	0.14	0.77	0.82	0.77	0.76	0.77	0.53	0.49	0.27	0.82	0.05	6.8%
NC_637	60	4558	38.05	37.44	1.66	37.47	15.41	25.54	26.03	26.04	35.79	35.46	30.78	35.79	-1.68	-4.5%
NC_638	10	4364	2.05	2.07	0.16	2.08	2.08	1.75	1.85	1.83	1.21	1.15	0.65	2.08	0.00	-0.1%
NC_639	25	4394	12.06	12.27	0.85	12.29	7.45	10.55	11.66	11.43	9.57	9.38	5.66	11.66	-0.63	-5.2%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_640	25	4464	0.98	0.97	0.08	0.98	0.55	0.89	0.95	0.94	0.81	0.77	0.48	0.95	-0.03	-2.7%
NC_641	10	4364	1.02	1.00	0.09	1.01	1.01	0.89	0.81	0.86	0.56	0.52	0.28	1.01	0.00	0.3%
NC_642	45	4533	18.18	18.17	0.68	18.40	9.04	13.80	14.20	14.18	14.14	14.68	10.40	14.68	-3.72	-20.2%
NC_643	10	4364	1.00	0.99	0.09	1.00	1.00	0.87	0.81	0.85	0.56	0.52	0.28	1.00	0.00	0.3%
NC_644	15	4401	16.33	16.22	1.05	16.37	14.84	13.37	16.22	15.45	10.51	10.33	5.82	16.22	-0.15	-0.9%
NC_645	20	4433	0.90	0.84	0.15	0.84	0.88	0.84	0.84	0.84	0.58	0.54	0.30	0.88	0.04	5.0%
NC_646	20	4433	0.60	0.59	0.07	0.59	0.44	0.57	0.60	0.59	0.43	0.42	0.25	0.60	0.01	1.4%
NC_647	10	4364	1.00	1.00	0.10	1.01	1.01	0.86	0.84	0.85	0.58	0.54	0.29	1.01	0.00	0.2%
NC_648	20	4428	3.71	3.67	0.29	3.70	3.19	3.25	3.72	3.61	2.48	2.42	1.41	3.72	0.02	0.5%
NC_649	20	4399	2.45	2.41	0.22	2.42	2.12	2.23	2.44	2.41	1.60	1.57	0.92	2.44	0.02	0.9%
NC_650	120	4499	117.09	116.07	9.98	118.06	44.90	73.31	73.93	74.01	114.63	118.06	116.26	118.06	0.00	0.0%
NC_651	10	4364	1.34	1.35	0.13	1.36	1.36	1.19	1.19	1.19	0.81	0.76	0.42	1.36	0.00	0.1%
NC_652	120	4499	206.26	205.82	18.59	211.33	70.28	122.06	122.63	122.70	206.22	211.33	208.35	211.33	0.00	0.0%
NC_653	20	4429	1.66	1.56	0.24	1.58	1.64	1.49	1.58	1.55	1.04	0.99	0.56	1.64	0.06	4.0%
NC_654	20	4429	1.78	1.70	0.24	1.71	1.74	1.60	1.71	1.68	1.14	1.08	0.62	1.74	0.03	1.8%
NC_655	20	4399	1.87	1.83	0.19	1.84	1.46	1.68	1.88	1.82	1.33	1.29	0.75	1.88	0.04	2.4%
NC_656	15	4401	14.12	13.96	1.00	14.11	12.99	11.60	14.03	13.33	9.09	8.93	5.02	14.03	-0.08	-0.6%
NC_657	120	4499	117.94	116.76	9.82	118.67	44.93	73.40	74.00	74.09	115.43	118.67	117.34	118.67	0.00	0.0%
NC_658	90	4395	179.80	181.47	10.52	182.20	65.88	111.57	112.03	112.17	182.20	186.64	173.58	186.64	4.44	2.4%
NC_659	20	4429	1.61	1.53	0.22	1.55	1.55	1.45	1.55	1.52	1.03	0.98	0.56	1.55	0.00	0.0%
NC_660	120	4499	117.13	116.08	9.96	118.07	44.88	73.28	73.90	73.98	114.65	118.07	116.37	118.07	0.00	0.0%
NC_661	20	4429	1.82	1.74	0.21	1.75	1.79	1.65	1.75	1.73	1.12	1.07	0.62	1.79	0.04	2.2%
NC_662	20	4433	1.44	1.42	0.15	1.42	1.07	1.34	1.45	1.42	1.06	1.03	0.61	1.45	0.03	2.2%
NC_663	20	4371	0.82	0.76	0.14	0.76	0.81	0.76	0.75	0.76	0.53	0.49	0.27	0.81	0.05	6.3%
NC_664	20	4429	2.51	2.42	0.29	2.46	2.40	2.19	2.46	2.38	1.61	1.56	0.89	2.46	0.00	0.1%
NC_665	20	4433	1.31	1.26	0.16	1.27	1.10	1.21	1.30	1.27	0.90	0.87	0.50	1.30	0.03	2.2%
NC_666	120	4499	206.36	205.94	18.63	211.50	70.36	122.20	122.78	122.84	206.42	211.50	208.36	211.50	0.00	0.0%
NC_667	20	4433	0.81	0.78	0.11	0.79	0.68	0.78	0.79	0.79	0.57	0.53	0.32	0.79	0.00	0.0%
NC_668	20	4433	0.68	0.65	0.09	0.66	0.54	0.65	0.67	0.66	0.48	0.45	0.27	0.67	0.01	0.8%
NC_669	10	4364	0.89	0.90	0.09	0.90	0.90	0.82	0.81	0.82	0.56	0.52	0.29	0.90	0.00	0.3%
NC_670	10	4364	1.03	1.04	0.10	1.05	1.05	0.90	0.89	0.90	0.61	0.57	0.31	1.05	0.00	-0.3%
NC_671	20	4433	0.80	0.77	0.11	0.77	0.67	0.76	0.78	0.77	0.56	0.52	0.31	0.78	0.01	0.6%
NC_672	20	4429	2.16	2.08	0.25	2.11	2.06	1.89	2.11	2.05	1.38	1.33	0.77	2.11	0.00	0.0%
NC_673	10	4364	1.12	1.13	0.11	1.13	1.13	0.96	0.95	0.95	0.65	0.60	0.33	1.13	0.00	0.4%
NC_674	20	4371	0.82	0.76	0.14	0.76	0.82	0.76	0.75	0.76	0.53	0.49	0.27	0.82	0.06	7.6%
NC_675	20	4367	3.04	2.96	0.31	2.96	2.78	2.61	3.02	2.90	2.00	1.95	1.11	3.02	0.06	2.1%
NC_676	20	4433	2.09	2.00	0.24	2.01	1.90	1.86	2.07	2.01	1.38	1.34	0.76	2.07	0.06	2.9%
NC_677	10	4364	1.14	1.15	0.12	1.16	1.16	1.00	0.99	1.00	0.68	0.64	0.35	1.16	0.00	-0.4%
NC_678	25	4460	3.14	3.16	0.23	3.19	2.18	2.90	3.15	3.11	2.36	2.25	1.39	3.15	-0.04	-1.4%
NC_679	20	4367	4.90	4.79	0.51	4.81	4.49	4.17	4.89	4.68	3.22	3.14	1.78	4.89	0.08	1.6%
NC_680	20	4433	0.73	0.69	0.11	0.69	0.66	0.69	0.69	0.69	0.49	0.45	0.26	0.69	0.00	0.3%
NC_681	15	4401	9.97	9.80	0.76	9.91	9.29	8.09	9.86	9.37	6.34	6.23	3.51	9.86	-0.05	-0.5%
NC_682	20	4433	1.76	1.69	0.21	1.70	1.54	1.60	1.73	1.70	1.17	1.13	0.65	1.73	0.03	2.0%
NC_683	20	4433	0.62	0.60	0.08	0.61	0.46	0.59	0.62	0.61	0.44	0.43	0.26	0.62	0.01	1.1%
NC_684	20	4429	1.58	1.49	0.23	1.50	1.56	1.42	1.50	1.48	1.00	0.94	0.54	1.56	0.06	4.0%
NC_685	20	4433	0.71	0.67	0.09	0.68	0.62	0.66	0.68	0.68	0.47	0.44	0.25	0.68	0.00	0.6%
NC_686	45	4496	17.30	17.12	0.83	17.35	9.21	13.49	14.07	14.04	13.26	13.76	9.40	14.07	-3.28	-18.9%
NC_687	20	4429	6.26	6.27	0.47	6.30	5.07	5.29	6.30	6.07	4.38	4.29	2.46	6.30	0.00	0.0%
NC_688	20	4429	2.24	2.10	0.33	2.12	2.23	2.01	2.12	2.09	1.42	1.35	0.76	2.23	0.11	5.0%
NC_689	10	4364	0.90	0.91	0.09	0.92	0.92	0.82	0.82	0.82	0.57	0.53	0.29	0.92	-0.01	-0.5%
NC_690	25	4464	2.65	2.63	0.12	2.64	1.73	2.49	2.55	2.55	2.00	1.91	1.22	2.55	-0.09	-3.5%
NC_691	20	4433	0.80	0.78	0.11	0.78	0.66	0.77	0.79	0.78	0.57	0.53	0.32	0.79	0.01	0.6%
NC_692	20	4428	1.88	1.87	0.13	1.87	1.54	1.69	1.88	1.85	1.21	1.19	0.69	1.88	0.01	0.6%
NC_693	25	4464	3.59	3.58	0.19	3.58	2.54	3.32	3.50	3.46	2.83	2.64	1.73	3.50	-0.08	-2.3%
NC_694	20	4433	1.00	0.97	0.14	0.98	0.83	0.94	0.99	0.98	0.68	0.65	0.38	0.99	0.01	1.0%
NC_695	20	4399	2.12	2.10	0.18	2.10	1.84	1.96	2.11	2.09	1.41	1.37	0.82	2.11	0.01	0.6%
NC_696	90	4395	180.23	181.77	10.35	182.43	65.84	111.59	112.06	112.18	182.43	186.88	174.39	186.88	4.45	2.4%
NC_697	20	4429	1.52	1.46	0.17	1.47	1.45	1.38	1.47	1.45	0.95	0.92	0.53	1.47	0.00	0.1%
NC_698	20	4433	0.68	0.67	0.08	0.67	0.50	0.65	0.68	0.67	0.50	0.48	0.29	0.68	0.01	1.3%
NC_699	10	4364	0.97	0.97	0.10	0.98	0.98	0.83	0.82	0.83	0.57	0.53	0.29	0.98	0.00	0.2%
NC_700	90	4532	206.33	206.65	9.39	206.71	70.47	122.35	122.93	123.00	206.58	211.66	207.58	211.66	4.95	2.4%
NC_701	20	4367	16.78	16.90	1.34	16.97	13.93	13.79	16.84	16.21	11.30	11.31	6.43	16.84	-0.13	-0.8%
NC_702	10	4364	0.91	0.92	0.09	0.93	0.93	0.80	0.79	0.80	0.55	0.51	0.28	0.93	0.00	-0.4%
NC_703	10	4357	0.95	0.95	0.10	0.96	0.96	0.82	0.81	0.81	0.56	0.52	0.28	0.96	0.00	-0.4%
NC_704	20	4433	0.67	0.65	0.09	0.66	0.52	0.64	0.66	0.66	0.48	0.46	0.27	0.66	0.00	0.6%
NC_705	20	4433	0.83	0.81	0.11	0.82	0.65	0.80	0.83	0.82	0.61	0.58	0.35	0.83	0.01	0.6%
NC_706	15	4401	5.72	5.60	0.47	5.66	5.47	4.61	5.57	5.25	3.55	3.48	1.96	5.57	-0.09	-1.7%
NC_707	20	4429	1.81	1.70	0.26	1.71	1.83	1.62	1.71	1.69	1.13	1.07	0.61	1.83	0.12	7.2%
NC_708	20	4429	16.39	16.47	1.32	16.48	13.81	13.49	16.48	15.82	11.00	10.93	6.19	16.48	0.00	0.0%
NC_709	30	4498	11.94	11.76	0.87	12.03	7.43	10.35	11.12	11.04	8.69	9.28	5.77	11.12	-0.91	-7.5%
NC_710	25	4394	4.70	4.76	0.27	4.77	3.09	4.21	4.58	4.51	3.65	3.50	2.18	4.58	-0.19	-4.1%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_711	20	4433	0.72	0.69	0.11	0.69	0.65	0.68	0.69	0.69	0.49	0.45	0.26	0.69	0.00	-0.4%
NC_712	20	4371	0.83	0.76	0.14	0.77	0.84	0.77	0.76	0.76	0.53	0.49	0.27	0.84	0.07	8.7%
NC_713	20	4433	1.43	1.37	0.18	1.38	1.21	1.32	1.41	1.38	0.98	0.94	0.55	1.41	0.03	2.0%
NC_714	90	4532	206.24	206.64	9.53	206.65	70.57	122.49	123.08	123.14	206.63	211.71	206.53	211.71	5.06	2.4%
NC_715	20	4399	2.06	2.02	0.20	2.03	1.62	1.86	2.08	2.01	1.47	1.43	0.83	2.08	0.05	2.3%
NC_716	20	4433	0.86	0.83	0.12	0.84	0.70	0.82	0.84	0.84	0.61	0.58	0.34	0.84	0.00	0.0%
NC_717	20	4433	1.43	1.36	0.19	1.37	1.33	1.31	1.39	1.37	0.94	0.89	0.51	1.39	0.02	1.5%
NC_718	20	4433	2.28	2.22	0.25	2.23	1.76	2.08	2.29	2.23	1.63	1.57	0.92	2.29	0.06	2.5%
NC_719	45	4534	5.10	5.15	0.38	5.22	2.00	2.85	2.96	2.94	4.06	3.90	2.80	4.06	-1.16	-22.3%
NC_720	20	4399	3.78	3.76	0.33	3.77	2.90	3.35	3.83	3.69	2.78	2.69	1.57	3.83	0.06	1.6%
NC_721	10	4357	0.86	0.87	0.09	0.88	0.88	0.79	0.79	0.79	0.55	0.51	0.28	0.88	0.00	-0.3%
NC_722	20	4429	1.57	1.50	0.22	1.51	1.49	1.43	1.51	1.49	1.02	0.96	0.55	1.51	0.00	-0.3%
NC_723	20	4433	1.35	1.30	0.15	1.30	1.25	1.24	1.32	1.30	0.90	0.86	0.50	1.32	0.02	1.4%
NC_724	20	4433	0.93	0.88	0.13	0.89	0.84	0.88	0.88	0.89	0.63	0.58	0.34	0.89	-0.01	-0.6%
NC_725	25	4458	12.09	11.99	0.51	12.03	7.89	10.56	11.52	11.41	8.73	9.20	5.60	11.52	-0.51	-4.3%
NC_726	20	4433	0.61	0.60	0.09	0.60	0.48	0.59	0.61	0.60	0.44	0.42	0.25	0.61	0.01	1.2%
NC_727	20	4371	0.78	0.73	0.13	0.73	0.76	0.73	0.73	0.73	0.51	0.47	0.26	0.76	0.03	3.8%
NC_728	20	4429	0.90	0.86	0.13	0.86	0.81	0.85	0.86	0.86	0.61	0.56	0.33	0.86	0.00	-0.1%
NC_729	20	4429	14.41	14.39	1.27	14.41	12.69	11.91	14.41	13.77	9.59	9.40	5.30	14.41	0.00	0.0%
NC_730	90	4395	186.72	188.49	10.63	189.32	66.28	112.47	112.92	113.06	189.32	194.05	180.53	194.05	4.73	2.5%
NC_731	20	4371	0.83	0.77	0.14	0.77	0.84	0.77	0.76	0.77	0.53	0.49	0.27	0.84	0.07	9.5%
NC_732	90	4395	206.02	206.58	9.77	206.66	70.70	122.66	123.26	123.33	206.66	211.75	204.34	211.75	5.09	2.5%
NC_733	20	4433	1.48	1.43	0.16	1.44	1.31	1.36	1.46	1.44	0.96	0.94	0.55	1.46	0.02	1.0%
NC_734	20	4371	0.83	0.77	0.14	0.77	0.83	0.77	0.76	0.77	0.53	0.49	0.27	0.83	0.06	7.8%
NC_735	10	4364	0.93	0.93	0.09	0.94	0.94	0.80	0.80	0.80	0.55	0.51	0.28	0.94	0.00	0.0%
NC_736	10	4364	2.02	2.04	0.19	2.05	2.05	1.75	1.78	1.78	1.19	1.12	0.62	2.05	0.00	0.1%
NC_737	15	4401	4.91	4.76	0.50	4.79	4.86	4.02	4.72	4.50	3.04	2.94	1.67	4.86	0.07	1.4%
NC_738	20	4433	0.61	0.59	0.08	0.60	0.47	0.58	0.60	0.60	0.43	0.42	0.25	0.60	0.00	0.3%
NC_739	10	4364	1.09	1.09	0.11	1.10	1.10	0.97	0.97	0.97	0.66	0.62	0.34	1.10	0.00	0.3%
NC_740	45	4496	11.24	11.20	0.52	11.23	5.66	9.14	9.32	9.34	9.10	9.42	6.07	9.42	-1.81	-16.1%
NC_741	90	4395	205.77	206.27	9.67	206.30	70.54	122.42	123.00	123.07	206.31	211.41	204.81	211.41	5.11	2.5%
NC_742	10	4364	2.52	2.53	0.14	2.54	2.54	2.13	2.37	2.30	1.51	1.46	0.83	2.54	0.00	0.0%
NC_743	20	4433	0.79	0.75	0.12	0.75	0.72	0.75	0.75	0.75	0.53	0.49	0.28	0.75	0.00	0.1%
NC_744	25	4394	9.13	9.28	0.86	9.31	6.56	8.03	9.17	8.87	7.13	6.93	4.14	9.17	-0.14	-1.5%
NC_745	20	4399	11.43	11.37	1.02	11.42	10.14	9.54	11.44	10.88	7.56	7.40	4.16	11.44	0.02	0.2%
NC_746	10	4364	0.86	0.86	0.09	0.87	0.87	0.78	0.77	0.78	0.53	0.49	0.27	0.87	0.00	0.0%
NC_747	20	4429	1.57	1.51	0.18	1.52	1.52	1.43	1.52	1.50	0.98	0.94	0.54	1.52	0.00	0.1%
NC_748	20	4433	0.78	0.73	0.13	0.73	0.75	0.73	0.73	0.73	0.51	0.47	0.27	0.75	0.02	2.3%
NC_749	25	4466	8.59	8.56	0.52	8.59	6.26	7.56	8.46	8.33	6.06	6.09	3.68	8.46	-0.13	-1.5%
NC_750	90	4395	207.59	209.51	12.28	210.79	76.19	126.29	127.12	127.11	210.79	215.65	199.11	215.65	4.86	2.3%
NC_751	10	4364	0.88	0.89	0.09	0.90	0.90	0.79	0.78	0.78	0.54	0.50	0.27	0.90	-0.01	-0.6%
NC_752	10	4364	1.77	1.78	0.14	1.79	1.79	1.53	1.61	1.59	1.05	1.00	0.56	1.79	0.00	-0.1%
NC_753	20	4433	1.14	1.06	0.19	1.06	1.15	1.05	1.05	1.06	0.73	0.68	0.38	1.15	0.09	8.7%
NC_754	25	4464	1.31	1.30	0.08	1.31	0.76	1.20	1.24	1.24	1.11	1.05	0.67	1.24	-0.07	-5.3%
NC_755	20	4433	1.34	1.29	0.15	1.30	1.19	1.26	1.31	1.30	0.93	0.89	0.53	1.31	0.01	0.7%
NC_756	90	4395	207.77	209.77	12.38	211.12	76.52	126.34	127.27	127.23	211.12	215.90	198.98	215.90	4.78	2.3%
NC_757	20	4429	0.71	0.67	0.11	0.67	0.63	0.67	0.67	0.67	0.48	0.44	0.25	0.67	0.00	0.6%
NC_758	20	4371	0.77	0.72	0.13	0.72	0.75	0.72	0.72	0.72	0.51	0.47	0.26	0.75	0.03	3.5%
NC_759	10	4364	1.02	1.02	0.10	1.03	1.03	0.89	0.88	0.89	0.61	0.57	0.31	1.03	0.00	0.1%
NC_760	10	4364	4.25	4.27	0.25	4.29	4.29	3.62	3.99	3.88	2.60	2.49	1.41	4.29	0.00	0.0%
NC_761	20	4433	0.64	0.62	0.09	0.62	0.52	0.61	0.62	0.62	0.45	0.42	0.25	0.62	0.00	0.6%
NC_762	20	4399	1.49	1.47	0.14	1.47	1.26	1.35	1.49	1.46	0.99	0.97	0.56	1.49	0.02	1.4%
NC_763	20	4399	2.42	2.39	0.23	2.40	1.82	2.15	2.45	2.36	1.77	1.72	1.00	2.45	0.05	2.0%
NC_764	20	4433	0.67	0.64	0.09	0.65	0.56	0.64	0.65	0.65	0.46	0.43	0.25	0.65	0.00	-0.3%
NC_765	20	4429	2.05	2.08	0.10	2.08	1.48	1.83	2.08	2.05	1.43	1.40	0.82	2.08	0.00	0.0%
NC_766	10	4364	2.25	2.26	0.16	2.27	2.27	1.93	2.06	2.02	1.34	1.28	0.73	2.27	0.00	0.1%
NC_767	60	4558	19.22	18.85	0.95	18.86	7.75	13.30	13.51	13.50	16.78	16.86	13.67	16.86	-2.00	-10.6%
NC_768	10	4364	0.91	0.91	0.09	0.92	0.92	0.80	0.79	0.79	0.54	0.51	0.28	0.92	0.00	-0.1%
NC_769	30	4498	8.43	8.29	0.71	8.50	5.21	7.17	7.86	7.77	6.50	6.92	4.26	7.86	-0.64	-7.6%
NC_770	90	4395	207.39	209.26	12.20	210.51	75.91	126.24	127.02	127.02	210.51	215.37	199.13	215.37	4.86	2.3%
NC_771	10	4364	1.26	1.27	0.13	1.28	1.28	1.13	1.13	1.13	0.77	0.72	0.40	1.28	0.00	0.3%
NC_772	20	4371	0.84	0.77	0.14	0.77	0.85	0.77	0.77	0.77	0.53	0.49	0.27	0.85	0.08	10.1%
NC_773	20	4433	0.74	0.70	0.11	0.70	0.68	0.69	0.70	0.70	0.49	0.45	0.26	0.70	0.00	-0.4%
NC_774	10	4364	4.39	4.42	0.27	4.44	4.44	3.75	4.12	4.01	2.67	2.56	1.46	4.44	0.00	0.0%
NC_775	10	4364	1.30	1.31	0.13	1.32	1.32	1.19	1.19	1.19	0.82	0.76	0.42	1.32	0.00	0.3%
NC_776	20	4433	1.15	1.12	0.13	1.12	0.89	1.07	1.15	1.12	0.85	0.81	0.49	1.15	0.02	2.2%
NC_777	25	4466	8.00	7.97	0.48	8.02	5.49	6.84	7.75	7.61	6.05	6.20	3.76	7.75	-0.27	-3.3%
NC_778	10	4357	0.86	0.87	0.09	0.88	0.88	0.79	0.78	0.78	0.54	0.50	0.27	0.88	0.00	-0.2%
NC_779	25	4394	8.94	9.05	0.56	9.11	6.26	7.96	8.78	8.64	7.39	7.05	4.61	8.78	-0.33	-3.7%
NC_780	30	4498	5.86	5.72	0.53	5.82	3.98	5.13	5.62	5.53	5.02	4.87	3.18	5.62	-0.21	-3.5%
NC_781	20	4399	1.25	1.24	0.10	1.24	0.82	1.17	1.26	1.24	0.97	0.94	0.56	1.26	0.02	1.9%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_782	10	4364	1.29	1.30	0.13	1.31	1.31	1.12	1.11	1.12	0.76	0.71	0.39	1.31	0.00	-0.3%
NC_783	20	4433	1.40	1.33	0.18	1.35	1.22	1.28	1.37	1.35	0.94	0.90	0.52	1.37	0.02	1.5%
NC_784	15	4401	4.92	4.75	0.53	4.80	4.81	4.10	4.77	4.53	3.09	2.99	1.69	4.81	0.01	0.3%
NC_785	20	4399	3.96	3.94	0.35	3.95	2.95	3.55	4.01	3.88	2.98	2.88	1.70	4.01	0.06	1.6%
NC_786	10	4364	0.95	0.96	0.10	0.96	0.96	0.84	0.83	0.84	0.57	0.53	0.29	0.96	0.00	0.3%
NC_787	25	4394	8.07	8.20	0.66	8.33	6.15	6.92	8.05	7.82	6.07	6.01	3.59	8.05	-0.28	-3.4%
NC_788	20	4433	0.69	0.67	0.09	0.68	0.54	0.66	0.68	0.68	0.49	0.47	0.28	0.68	0.00	-0.1%
NC_789	60	4558	19.29	18.91	1.00	18.92	7.84	13.44	13.65	13.64	16.84	16.94	13.48	16.94	-1.98	-10.5%
NC_790	10	4357	1.03	1.04	0.09	1.05	1.05	0.92	0.95	0.94	0.64	0.60	0.33	1.05	0.00	-0.4%
NC_791	10	4364	1.74	1.75	0.13	1.76	1.76	1.50	1.59	1.57	1.04	0.99	0.56	1.76	0.00	-0.2%
NC_792	15	4401	5.60	5.38	0.57	5.44	5.40	4.76	5.50	5.24	3.57	3.47	1.97	5.50	0.06	1.1%
NC_793	10	4364	2.85	2.86	0.14	2.87	2.87	2.41	2.71	2.62	1.72	1.67	0.95	2.87	0.00	0.1%
NC_794	20	4399	6.89	6.76	0.69	6.77	6.36	5.74	6.87	6.49	4.51	4.40	2.47	6.87	0.10	1.4%
NC_795	10	4364	1.02	1.02	0.10	1.03	1.03	0.88	0.84	0.87	0.58	0.54	0.29	1.03	0.00	-0.4%
NC_796	25	4460	1.31	1.30	0.10	1.31	0.81	1.20	1.29	1.27	1.08	1.02	0.64	1.29	-0.02	-1.5%
NC_797	20	4428	6.27	6.16	0.56	6.16	5.64	5.37	6.28	6.00	4.43	4.28	2.49	6.28	0.12	2.0%
NC_798	20	4429	0.88	0.84	0.12	0.85	0.76	0.83	0.85	0.85	0.61	0.56	0.33	0.85	-0.01	-0.6%
NC_799	10	4364	0.85	0.85	0.09	0.86	0.86	0.78	0.77	0.77	0.53	0.49	0.27	0.86	0.00	-0.1%
NC_800	20	4433	0.74	0.70	0.11	0.71	0.64	0.69	0.71	0.71	0.50	0.47	0.27	0.71	0.00	0.6%
NC_801	20	4433	0.66	0.64	0.09	0.65	0.51	0.63	0.66	0.65	0.48	0.45	0.27	0.66	0.01	1.1%
NC_802	20	4399	2.23	2.17	0.22	2.18	2.09	1.93	2.22	2.15	1.41	1.39	0.79	2.22	0.04	1.7%
NC_803	45	4528	3.34	3.31	0.28	3.37	2.26	2.98	3.04	3.04	2.97	2.84	1.87	3.04	-0.33	-9.8%
NC_804	10	4364	2.11	2.12	0.16	2.13	2.13	1.82	1.94	1.90	1.26	1.20	0.68	2.13	0.00	0.2%
NC_805	10	4364	4.30	4.33	0.28	4.35	4.35	3.71	4.06	3.95	2.67	2.54	1.43	4.35	0.00	0.0%
NC_806	10	4357	1.04	1.04	0.10	1.05	1.05	0.95	0.94	0.95	0.65	0.61	0.34	1.05	0.00	0.2%
NC_807	10	4364	0.99	0.99	0.10	1.00	1.00	0.87	0.86	0.87	0.60	0.55	0.30	1.00	0.00	0.0%
NC_808	20	4433	0.60	0.58	0.08	0.59	0.45	0.57	0.59	0.59	0.43	0.41	0.24	0.59	0.00	0.3%
NC_809	20	4429	1.62	1.53	0.22	1.55	1.64	1.43	1.55	1.52	0.99	0.95	0.55	1.64	0.09	5.6%
NC_810	20	4433	0.70	0.67	0.10	0.68	0.59	0.65	0.69	0.68	0.47	0.45	0.26	0.69	0.01	1.0%
NC_811	20	4429	0.76	0.72	0.11	0.73	0.66	0.72	0.73	0.73	0.52	0.48	0.28	0.73	0.00	-0.5%
NC_812	10	4364	1.04	1.05	0.11	1.06	1.06	0.93	0.92	0.92	0.63	0.59	0.32	1.06	0.00	-0.2%
NC_813	10	4364	0.86	0.87	0.09	0.88	0.88	0.79	0.78	0.78	0.54	0.50	0.28	0.88	0.00	-0.5%
NC_814	20	4399	4.81	4.70	0.44	4.72	4.24	4.19	4.81	4.60	3.45	3.32	1.95	4.81	0.09	1.8%
NC_815	60	4558	19.20	18.84	1.11	18.85	7.90	13.53	13.74	13.73	16.83	16.92	13.12	16.92	-1.93	-10.2%
NC_816	20	4371	0.84	0.77	0.14	0.77	0.85	0.77	0.76	0.77	0.53	0.49	0.27	0.85	0.08	10.3%
NC_817	10	4364	1.01	1.01	0.10	1.02	1.02	0.88	0.87	0.88	0.60	0.56	0.31	1.02	0.00	0.3%
NC_818	10	4364	0.95	0.95	0.10	0.96	0.96	0.83	0.82	0.83	0.57	0.53	0.29	0.96	0.00	0.0%
NC_819	10	4364	1.02	1.02	0.10	1.03	1.03	0.87	0.85	0.86	0.59	0.55	0.30	1.03	0.00	-0.4%
NC_820	10	4364	0.90	0.91	0.09	0.91	0.91	0.80	0.79	0.80	0.55	0.51	0.28	0.91	0.00	0.4%
NC_821	10	4364	0.99	0.99	0.10	1.00	1.00	0.90	0.89	0.90	0.62	0.57	0.32	1.00	0.00	0.1%
NC_822	10	4364	0.98	0.99	0.10	1.00	1.00	0.86	0.85	0.86	0.59	0.55	0.30	1.00	0.00	-0.3%
NC_823	20	4429	0.69	0.66	0.10	0.66	0.59	0.66	0.66	0.66	0.47	0.44	0.26	0.66	0.00	0.6%
NC_824	20	4399	4.23	4.08	0.42	4.09	3.80	3.78	4.20	4.07	3.00	2.87	1.70	4.20	0.11	2.6%
NC_825	20	4433	0.94	0.91	0.13	0.92	0.76	0.90	0.92	0.92	0.68	0.64	0.39	0.92	0.00	0.4%
NC_826	10	4364	0.89	0.90	0.09	0.90	0.90	0.82	0.81	0.81	0.56	0.52	0.29	0.90	0.00	0.2%
NC_827	45	4534	18.77	18.77	0.55	18.82	7.89	13.49	13.71	13.70	16.56	16.64	12.46	16.64	-2.18	-11.6%
NC_828	20	4433	1.38	1.33	0.15	1.34	1.20	1.28	1.35	1.34	0.92	0.89	0.53	1.35	0.01	1.0%
NC_829	45	4528	2.87	2.86	0.22	2.91	1.65	2.43	2.45	2.46	2.51	2.46	1.59	2.51	-0.40	-13.8%
NC_830	20	4433	2.78	2.69	0.29	2.71	2.37	2.57	2.75	2.71	2.02	1.94	1.17	2.75	0.04	1.6%
NC_831	10	4364	0.85	0.85	0.09	0.86	0.86	0.78	0.77	0.78	0.54	0.50	0.27	0.86	0.00	-0.1%
NC_832	30	4498	2.58	2.58	0.18	2.60	1.52	2.30	2.36	2.37	2.21	2.12	1.35	2.37	-0.23	-9.0%
NC_833	20	4433	0.79	0.74	0.13	0.74	0.76	0.74	0.74	0.74	0.52	0.48	0.27	0.76	0.02	2.2%
NC_834	45	4534	18.94	18.97	0.62	19.06	8.01	13.65	13.88	13.86	16.69	16.72	12.24	16.72	-2.34	-12.3%
NC_835	20	4433	1.24	1.21	0.13	1.22	0.96	1.19	1.23	1.22	0.97	0.93	0.57	1.23	0.01	0.5%
NC_836	20	4433	0.73	0.70	0.09	0.71	0.65	0.66	0.72	0.71	0.48	0.47	0.27	0.72	0.01	1.8%
NC_837	20	4433	0.64	0.61	0.09	0.62	0.52	0.61	0.62	0.62	0.45	0.42	0.25	0.62	0.00	0.5%
NC_838	20	4433	0.70	0.67	0.09	0.67	0.61	0.63	0.69	0.67	0.47	0.45	0.26	0.69	0.02	3.0%
NC_839	45	4534	17.87	17.91	0.59	17.97	7.54	12.88	13.08	13.07	15.66	15.70	11.35	15.70	-2.27	-12.6%
NC_840	25	4460	2.25	2.27	0.18	2.29	1.42	2.02	2.22	2.17	1.83	1.74	1.07	2.22	-0.07	-3.1%
NC_841	20	4429	0.81	0.77	0.12	0.78	0.71	0.77	0.78	0.78	0.55	0.51	0.30	0.78	-0.01	-0.6%
NC_842	45	4528	2.46	2.43	0.22	2.50	1.34	2.09	2.19	2.17	2.17	2.07	1.35	2.19	-0.31	-12.4%
NC_843	20	4433	1.18	1.16	0.11	1.17	0.88	1.11	1.18	1.17	0.88	0.85	0.51	1.18	0.01	0.9%
NC_844	20	4371	0.93	0.86	0.15	0.86	0.92	0.86	0.86	0.86	0.60	0.55	0.31	0.92	0.06	7.0%
NC_845	45	4534	17.89	17.97	0.65	18.05	7.54	12.89	13.08	13.07	15.70	15.65	11.16	15.70	-2.35	-13.0%
NC_846	20	4404	3.34	3.32	0.25	3.33	2.75	3.00	3.36	3.28	2.37	2.30	1.36	3.36	0.03	1.0%
NC_847	25	4461	4.32	4.33	0.21	4.33	2.76	3.82	4.13	4.09	3.34	3.28	2.02	4.13	-0.20	-4.6%
NC_848	20	4433	0.76	0.73	0.11	0.73	0.66	0.72	0.73	0.73	0.52	0.48	0.28	0.73	0.00	0.3%
NC_849	20	4433	0.63	0.61	0.09	0.62	0.50	0.60	0.62	0.62	0.45	0.42	0.25	0.62	0.00	0.0%
NC_850	45	4528	2.84	2.81	0.23	2.85	1.94	2.61	2.70	2.70	2.57	2.42	1.66	2.70	-0.15	-5.2%
NC_851	45	4534	14.54	14.55	0.51	14.57	6.17	10.64	10.82	10.81	12.43	12.63	8.91	12.63	-1.94	-13.3%
NC_852	25	4464	1.06	1.05	0.08	1.06	0.62	0.98	1.04	1.02	0.88	0.84	0.52	1.04	-0.02	-2.2%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_853	10	4357	0.91	0.92	0.10	0.93	0.93	0.83	0.82	0.82	0.57	0.53	0.29	0.93	0.00	0.0%
NC_854	25	4394	3.46	3.52	0.24	3.52	2.41	3.09	3.43	3.39	2.63	2.54	1.55	3.43	-0.09	-2.5%
NC_855	20	4429	1.40	1.33	0.19	1.33	1.33	1.31	1.33	1.33	0.94	0.87	0.51	1.33	0.00	-0.2%
NC_856	20	4433	1.22	1.20	0.11	1.21	0.87	1.16	1.22	1.21	0.95	0.91	0.56	1.22	0.01	0.8%
NC_857	10	4357	0.93	0.94	0.10	0.94	0.94	0.83	0.82	0.82	0.57	0.53	0.29	0.94	0.00	0.3%
NC_858	30	4500	2.38	2.37	0.15	2.40	1.86	2.27	2.33	2.33	2.10	1.95	1.32	2.33	-0.07	-3.0%
NC_859	20	4429	0.67	0.64	0.09	0.65	0.57	0.63	0.65	0.65	0.46	0.43	0.25	0.65	-0.01	-0.8%
NC_860	45	4496	11.13	11.08	0.32	11.21	4.84	8.20	8.38	8.36	9.27	9.61	6.75	9.61	-1.60	-14.3%
NC_861	10	4364	0.89	0.90	0.09	0.91	0.91	0.80	0.79	0.79	0.55	0.51	0.28	0.91	0.00	-0.3%
NC_862	25	4464	1.86	1.83	0.12	1.85	1.38	1.78	1.80	1.80	1.58	1.47	0.97	1.80	-0.05	-2.5%
NC_863	45	4496	10.38	10.34	0.37	10.44	4.71	7.87	8.08	8.06	8.53	8.90	6.08	8.90	-1.55	-14.8%
NC_864	10	4364	0.90	0.90	0.09	0.91	0.91	0.82	0.82	0.82	0.57	0.53	0.29	0.91	0.00	0.0%
NC_865	20	4433	1.17	1.16	0.11	1.16	0.87	1.10	1.17	1.16	0.87	0.84	0.51	1.17	0.01	1.1%
NC_866	20	4433	0.72	0.68	0.11	0.68	0.65	0.68	0.68	0.68	0.48	0.44	0.25	0.68	0.00	0.1%
NC_867	20	4433	1.48	1.45	0.15	1.45	1.24	1.37	1.47	1.45	1.00	0.97	0.57	1.47	0.02	1.5%
NC_868	45	4534	6.14	6.11	0.32	6.17	3.05	5.00	5.15	5.14	4.91	5.06	3.24	5.15	-1.02	-16.5%
NC_869	45	4496	4.19	4.16	0.18	4.17	1.96	3.23	3.36	3.35	3.44	3.63	2.42	3.63	-0.54	-13.0%
NC_870	45	4496	4.32	4.30	0.14	4.36	1.92	3.23	3.33	3.32	3.57	3.78	2.61	3.78	-0.58	-13.3%
NC_871	20	4433	1.11	1.09	0.11	1.10	0.83	1.05	1.11	1.10	0.83	0.80	0.49	1.11	0.01	0.8%
NC_872	30	4498	4.29	4.28	0.20	4.34	2.31	3.59	3.73	3.72	3.36	3.49	2.18	3.73	-0.61	-14.0%
NC_873	25	4460	1.85	1.85	0.14	1.85	1.24	1.72	1.84	1.82	1.47	1.39	0.87	1.84	-0.01	-0.3%
NC_874	20	4433	0.77	0.72	0.12	0.72	0.73	0.72	0.72	0.72	0.50	0.47	0.26	0.73	0.01	0.8%
NC_875	45	4534	4.00	3.97	0.23	4.04	2.03	3.24	3.40	3.38	3.28	3.42	2.18	3.42	-0.62	-15.3%
NC_876	30	4498	3.53	3.52	0.26	3.60	2.16	3.03	3.26	3.24	2.62	2.73	1.67	3.26	-0.34	-9.5%
NC_877	30	4498	3.81	3.78	0.29	3.84	2.10	3.23	3.45	3.42	3.16	3.17	1.99	3.45	-0.39	-10.2%
NC_878	20	4433	1.42	1.37	0.16	1.38	1.23	1.32	1.39	1.38	0.96	0.93	0.55	1.39	0.01	0.9%
NC_879	25	4461	3.40	3.38	0.18	3.38	2.31	2.97	3.29	3.25	2.46	2.45	1.48	3.29	-0.09	-2.6%
NC_880	45	4528	1.37	1.35	0.13	1.39	0.66	1.17	1.22	1.21	1.21	1.15	0.74	1.22	-0.17	-12.2%
NC_881	10	4357	0.96	0.96	0.10	0.97	0.97	0.85	0.84	0.84	0.58	0.54	0.29	0.97	0.00	0.0%
NC_882	20	4433	0.86	0.83	0.12	0.84	0.72	0.82	0.84	0.84	0.61	0.57	0.34	0.84	0.00	-0.1%
NC_883	25	4460	3.69	3.74	0.20	3.74	2.24	3.26	3.52	3.48	3.01	2.88	1.81	3.52	-0.22	-5.9%
NC_884	20	4371	0.87	0.80	0.15	0.81	0.87	0.81	0.80	0.80	0.56	0.52	0.29	0.87	0.06	7.2%
NC_885	10	4364	0.90	0.90	0.09	0.91	0.91	0.80	0.79	0.79	0.54	0.51	0.28	0.91	0.00	0.0%
NC_886	20	4399	2.72	2.70	0.21	2.71	2.36	2.45	2.73	2.67	1.81	1.77	1.03	2.73	0.02	0.6%
NC_887	20	4433	1.47	1.42	0.16	1.42	1.38	1.34	1.43	1.42	0.94	0.91	0.53	1.43	0.01	0.9%
NC_888	20	4371	0.87	0.80	0.15	0.80	0.87	0.80	0.80	0.80	0.55	0.51	0.29	0.87	0.06	8.1%
NC_889	20	4433	0.62	0.60	0.09	0.61	0.50	0.60	0.62	0.61	0.44	0.42	0.25	0.62	0.01	0.8%
NC_890	25	4464	1.72	1.72	0.13	1.72	1.05	1.58	1.69	1.67	1.42	1.34	0.84	1.69	-0.03	-1.6%
NC_891	20	4433	0.65	0.63	0.09	0.63	0.53	0.62	0.63	0.63	0.45	0.43	0.25	0.63	0.00	0.6%
NC_892	20	4429	0.69	0.66	0.10	0.67	0.60	0.66	0.67	0.67	0.48	0.44	0.26	0.67	0.00	-0.1%
NC_893	20	4433	0.83	0.80	0.11	0.81	0.65	0.79	0.82	0.81	0.60	0.57	0.34	0.82	0.01	0.7%
NC_894	20	4433	0.89	0.85	0.12	0.86	0.76	0.85	0.86	0.86	0.62	0.58	0.34	0.86	0.00	0.2%
NC_895	20	4433	0.61	0.59	0.09	0.60	0.48	0.58	0.61	0.60	0.43	0.42	0.25	0.61	0.01	1.0%
NC_896	20	4433	0.62	0.60	0.08	0.61	0.45	0.58	0.61	0.61	0.44	0.43	0.26	0.61	0.00	0.3%
NC_897	20	4433	0.64	0.62	0.09	0.62	0.52	0.61	0.63	0.62	0.45	0.43	0.25	0.63	0.01	1.1%
NC_898	25	4460	2.01	2.03	0.15	2.05	1.14	1.78	1.95	1.91	1.64	1.57	0.96	1.95	-0.10	-4.9%
NC_899	20	4433	0.71	0.70	0.09	0.70	0.52	0.68	0.71	0.70	0.52	0.50	0.30	0.71	0.01	1.3%
NC_900	25	4460	1.23	1.23	0.11	1.24	0.82	1.16	1.23	1.22	1.01	0.96	0.60	1.23	-0.01	-1.0%
NC_901	20	4429	0.75	0.71	0.11	0.72	0.66	0.71	0.72	0.72	0.51	0.47	0.27	0.72	0.00	-0.4%
NC_902	20	4433	1.21	1.19	0.12	1.20	0.94	1.14	1.21	1.20	0.89	0.86	0.52	1.21	0.01	0.8%
NC_903	25	4460	2.59	2.60	0.22	2.61	1.67	2.38	2.57	2.52	2.10	2.00	1.22	2.57	-0.04	-1.6%
NC_904	10	4364	0.88	0.89	0.09	0.89	0.89	0.79	0.78	0.78	0.54	0.50	0.27	0.89	0.00	0.4%
NC_905	25	4460	2.60	2.63	0.14	2.64	1.47	2.28	2.45	2.41	2.20	2.10	1.32	2.45	-0.19	-7.3%
NC_906	20	4433	0.68	0.66	0.08	0.66	0.50	0.64	0.67	0.66	0.49	0.47	0.28	0.67	0.01	1.7%
NC_907	20	4433	1.72	1.65	0.19	1.67	1.58	1.59	1.68	1.67	1.11	1.07	0.63	1.68	0.01	0.7%
NC_908	45	4528	3.34	3.38	0.19	3.41	1.32	2.38	2.41	2.40	3.28	3.16	2.31	3.28	-0.13	-3.9%
NC_909	20	4433	0.74	0.70	0.11	0.70	0.68	0.70	0.70	0.70	0.50	0.46	0.26	0.70	0.00	0.3%
NC_910	20	4433	0.60	0.59	0.08	0.59	0.46	0.58	0.60	0.59	0.43	0.41	0.24	0.60	0.01	1.5%
NC_911	20	4371	0.51	0.48	0.09	0.48	0.50	0.48	0.47	0.48	0.33	0.31	0.17	0.50	0.02	3.3%
NC_912	20	4371	0.82	0.76	0.14	0.76	0.83	0.76	0.75	0.76	0.52	0.49	0.27	0.83	0.07	8.9%
NC_913	20	4404	3.33	3.26	0.35	3.31	3.17	2.82	3.31	3.16	2.16	2.10	1.20	3.31	0.00	0.0%
NC_914	20	4433	2.79	2.68	0.29	2.68	2.61	2.51	2.73	2.68	1.79	1.74	1.00	2.73	0.05	2.0%
NC_915	20	4429	2.63	2.52	0.32	2.57	2.54	2.29	2.57	2.48	1.69	1.62	0.93	2.57	0.00	-0.2%
NC_916	10	4364	0.95	0.96	0.10	0.97	0.97	0.86	0.85	0.85	0.58	0.54	0.30	0.97	0.00	0.0%
NC_917	25	4460	1.54	1.55	0.11	1.55	0.83	1.36	1.48	1.45	1.28	1.22	0.75	1.48	-0.07	-4.6%
NC_918	20	4433	0.65	0.63	0.09	0.63	0.54	0.62	0.64	0.63	0.46	0.43	0.25	0.64	0.01	1.0%
NC_919	20	4399	2.14	2.12	0.15	2.12	1.58	2.02	2.14	2.12	1.72	1.63	1.02	2.14	0.02	0.9%
NC_920	20	4399	3.97	3.92	0.33	3.93	3.46	3.48	3.99	3.85	2.88	2.77	1.64	3.99	0.06	1.5%
NC_921	10	4364	0.91	0.92	0.10	0.93	0.93	0.83	0.83	0.83	0.57	0.53	0.29	0.93	0.00	-0.2%
NC_922	20	4433	0.60	0.58	0.08	0.59	0.45	0.57	0.59	0.59	0.43	0.41	0.24	0.59	0.00	0.3%
NC_923	25	4464	0.98	0.98	0.08	0.98	0.57	0.90	0.96	0.95	0.81	0.77	0.48	0.96	-0.02	-1.8%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_924	20	4433	0.60	0.58	0.08	0.59	0.46	0.57	0.60	0.59	0.43	0.41	0.24	0.60	0.01	1.0%
NC_925	45	4528	5.88	5.88	0.38	6.02	3.08	4.76	4.94	4.94	5.07	5.08	3.32	5.08	-0.94	-15.6%
NC_926	30	4498	1.79	1.78	0.16	1.79	0.89	1.54	1.64	1.61	1.55	1.48	0.93	1.64	-0.16	-8.7%
NC_927	20	4433	0.64	0.62	0.09	0.63	0.51	0.62	0.64	0.63	0.46	0.44	0.26	0.64	0.01	1.0%
NC_928	20	4433	0.87	0.84	0.12	0.84	0.74	0.83	0.85	0.84	0.61	0.57	0.34	0.85	0.01	0.6%
NC_929	20	4399	3.18	3.09	0.31	3.10	2.73	2.89	3.16	3.08	2.30	2.21	1.32	3.16	0.06	2.0%
NC_930	25	4466	14.56	14.77	1.07	14.96	10.64	12.68	14.39	14.08	10.96	10.84	6.52	14.39	-0.57	-3.8%
NC_931	10	4364	1.09	1.10	0.11	1.10	1.10	0.97	0.96	0.97	0.66	0.62	0.34	1.10	0.00	0.4%
NC_932	45	4528	7.18	7.26	0.51	7.41	3.13	5.44	5.63	5.60	6.70	6.61	4.61	6.70	-0.71	-9.5%
NC_933	10	4364	0.88	0.89	0.09	0.89	0.89	0.80	0.79	0.80	0.55	0.51	0.28	0.89	0.00	0.4%
NC_934	10	4364	0.90	0.91	0.10	0.92	0.92	0.81	0.80	0.81	0.56	0.52	0.28	0.92	0.00	-0.3%
NC_935	20	4399	1.25	1.24	0.10	1.24	0.89	1.18	1.26	1.24	0.98	0.94	0.57	1.26	0.02	1.5%
NC_936	45	4528	2.12	2.12	0.17	2.17	0.92	1.65	1.73	1.72	1.85	1.84	1.17	1.85	-0.32	-14.8%
NC_937	45	4528	6.55	6.58	0.39	6.73	3.41	5.30	5.43	5.44	5.70	5.69	3.81	5.70	-1.03	-15.4%
NC_938	10	4364	1.63	1.65	0.13	1.66	1.66	1.46	1.54	1.52	1.01	0.96	0.55	1.66	0.00	-0.3%
NC_939	20	4429	0.80	0.77	0.11	0.78	0.69	0.76	0.78	0.78	0.56	0.51	0.30	0.78	-0.01	-0.6%
NC_940	45	4528	7.66	7.75	0.45	7.92	3.27	5.66	5.83	5.81	7.15	7.11	5.04	7.15	-0.77	-9.8%
NC_941	45	4534	2.38	2.40	0.15	2.45	0.96	1.75	1.81	1.80	2.09	2.14	1.39	2.14	-0.31	-12.6%
NC_942	20	4433	0.67	0.64	0.10	0.65	0.58	0.64	0.65	0.65	0.46	0.43	0.25	0.65	0.00	-0.2%
NC_943	10	4364	1.28	1.29	0.13	1.30	1.30	1.15	1.16	1.16	0.79	0.74	0.41	1.30	0.00	0.0%
NC_944	20	4371	0.82	0.76	0.14	0.76	0.83	0.76	0.75	0.76	0.52	0.49	0.27	0.83	0.07	9.1%
NC_945	20	4433	0.61	0.60	0.08	0.60	0.46	0.58	0.61	0.60	0.44	0.42	0.25	0.61	0.01	1.3%
NC_946	10	4364	0.87	0.88	0.09	0.89	0.89	0.79	0.79	0.79	0.54	0.50	0.28	0.89	0.00	-0.1%
NC_947	20	4433	0.60	0.58	0.08	0.59	0.46	0.57	0.60	0.59	0.43	0.41	0.24	0.60	0.01	1.2%
NC_948	45	4528	3.49	3.53	0.25	3.60	1.38	2.57	2.63	2.62	3.16	3.14	2.08	3.16	-0.45	-12.4%
NC_949	45	4534	7.77	7.81	0.38	7.96	3.27	5.67	5.84	5.82	7.23	7.26	5.24	7.26	-0.70	-8.8%
NC_950	720	4785	6.57	6.12	3.00	6.66	0.70	0.71	0.71	0.71	0.74	1.90	4.14	4.14	-2.52	-37.8%
NC_951	30	4498	4.47	4.44	0.36	4.50	2.51	3.87	4.08	4.06	3.71	3.60	2.28	4.08	-0.42	-9.3%
NC_952	10	4364	0.90	0.91	0.09	0.92	0.92	0.83	0.82	0.82	0.57	0.53	0.29	0.92	0.00	-0.1%
NC_953	10	4357	1.02	1.02	0.11	1.03	1.03	0.91	0.90	0.90	0.62	0.57	0.32	1.03	0.00	0.3%
NC_954	20	4433	0.70	0.68	0.10	0.69	0.57	0.67	0.69	0.69	0.50	0.47	0.28	0.69	0.00	0.0%
NC_955	20	4433	0.66	0.64	0.09	0.65	0.52	0.63	0.65	0.65	0.47	0.44	0.26	0.65	0.00	-0.2%
NC_956	720	4785	10.30	9.51	4.47	10.27	4.71	6.82	7.09	7.05	7.44	7.27	6.44	7.44	-2.83	-27.6%
NC_957	20	4433	3.56	3.41	0.39	3.42	3.24	3.21	3.50	3.42	2.41	2.31	1.35	3.50	0.08	2.3%
NC_958	20	4433	0.63	0.61	0.08	0.62	0.48	0.60	0.62	0.62	0.45	0.43	0.26	0.62	0.00	0.6%
NC_959	20	4429	2.53	2.43	0.30	2.47	2.45	2.23	2.47	2.40	1.63	1.56	0.90	2.47	0.00	-0.1%
NC_960	25	4394	15.19	15.40	1.01	15.47	11.01	13.48	14.90	14.58	13.21	12.45	8.56	14.90	-0.57	-3.7%
NC_961	20	4433	1.54	1.47	0.19	1.49	1.37	1.45	1.49	1.49	1.07	1.00	0.60	1.49	0.00	0.2%
NC_962	20	4433	0.60	0.59	0.08	0.59	0.45	0.57	0.60	0.59	0.43	0.42	0.25	0.60	0.01	1.4%
NC_963	20	4429	1.81	1.73	0.25	1.74	1.74	1.65	1.74	1.71	1.17	1.10	0.64	1.74	0.00	-0.1%
NC_964	45	4534	12.12	12.21	0.63	12.41	4.99	8.76	8.99	8.97	11.27	11.27	7.95	11.27	-1.14	-9.2%
NC_965	25	4460	1.10	1.10	0.09	1.10	0.66	1.01	1.09	1.07	0.90	0.85	0.53	1.09	-0.01	-1.3%
NC_966	20	4433	0.80	0.76	0.12	0.77	0.74	0.76	0.76	0.77	0.54	0.50	0.29	0.77	-0.01	-0.6%
NC_967	30	4498	14.89	14.54	1.34	14.81	9.93	13.04	14.26	14.06	13.00	12.73	8.72	14.26	-0.55	-3.7%
NC_968	25	4460	1.83	1.85	0.16	1.88	1.27	1.68	1.84	1.80	1.48	1.41	0.87	1.84	-0.04	-2.1%
NC_969	720	4785	6.47	6.00	2.97	6.55	0.16	0.30	0.30	0.30	0.48	2.09	4.22	4.22	-2.33	-35.5%
NC_970	20	4429	3.42	3.45	0.24	3.47	2.75	2.89	3.47	3.35	2.38	2.34	1.34	3.47	-0.01	-0.1%
NC_971	45	4496	9.80	9.80	0.32	9.99	4.11	6.86	7.12	7.12	8.14	7.95	5.57	8.14	-1.85	-18.5%
NC_972	20	4399	5.31	5.20	0.51	5.21	4.78	4.53	5.30	5.03	3.59	3.49	1.98	5.30	0.09	1.7%
NC_973	180	4599	26.02	26.17	1.57	26.28	9.82	14.78	14.86	14.86	25.42	26.10	26.05	26.10	-0.18	-0.7%
NC_974	90	4532	38.72	38.90	1.29	39.02	16.00	24.06	24.90	24.84	38.78	39.02	37.70	39.02	0.00	0.0%
NC_975	10	4364	1.40	1.41	0.10	1.42	1.42	1.18	1.26	1.24	0.81	0.78	0.44	1.42	0.00	-0.4%
NC_976	90	4532	38.66	38.87	1.34	38.99	15.97	23.98	24.83	24.77	38.74	38.94	37.34	38.94	-0.05	-0.1%
NC_977	90	4532	38.38	38.62	1.50	38.76	15.73	23.54	24.38	24.31	38.48	38.58	36.21	38.58	-0.18	-0.5%
NC_978	120	4499	65.37	65.06	4.41	65.79	25.65	39.58	40.41	40.37	62.91	65.79	65.09	65.79	0.00	0.0%
NC_979	120	4499	66.90	66.86	3.93	67.84	25.85	40.35	40.99	41.00	63.39	67.84	66.91	67.84	0.00	0.0%
NC_980	60	4558	51.70	50.95	2.06	50.98	21.50	34.97	35.52	35.56	48.26	47.80	41.67	48.26	-2.72	-5.3%
NC_981	120	4499	117.55	116.45	9.89	118.39	44.91	73.34	73.95	74.04	115.07	118.39	116.88	118.39	0.00	0.0%
NC_982	60	4558	44.25	43.12	2.94	43.28	14.74	28.80	29.47	29.43	39.63	42.42	30.01	42.42	-0.86	-2.0%
NC_983	60	4558	44.31	43.14	2.57	43.28	14.61	28.46	29.07	29.04	39.71	42.41	31.15	42.41	-0.87	-2.0%
NC_984	10	4364	2.26	2.27	0.13	2.28	2.28	1.88	2.09	2.03	1.34	1.29	0.73	2.28	0.00	0.1%
NC_985	20	4433	1.11	1.03	0.18	1.03	1.11	1.02	1.02	1.03	0.71	0.66	0.37	1.11	0.08	7.7%
NC_986	25	4394	4.40	4.47	0.33	4.48	3.13	3.94	4.42	4.34	3.21	3.14	1.87	4.42	-0.06	-1.4%
NC_987	20	4429	0.69	0.66	0.10	0.66	0.61	0.66	0.66	0.66	0.47	0.43	0.25	0.66	0.00	0.2%
NC_988	20	4371	0.86	0.80	0.14	0.80	0.86	0.80	0.80	0.80	0.56	0.52	0.29	0.86	0.05	6.9%
NC_989	15	4401	5.27	5.05	0.57	5.08	5.18	4.45	5.13	4.93	3.28	3.19	1.82	5.18	0.10	2.0%
NC_990	45	4534	38.87	38.84	2.19	39.94	11.72	27.95	29.01	28.88	32.72	35.07	21.91	35.07	-4.87	-12.2%
NC_991	20	4371	0.69	0.64	0.12	0.64	0.68	0.64	0.63	0.64	0.44	0.41	0.23	0.68	0.04	6.6%
NC_992	45	4496	3.89	3.84	0.52	3.85	2.64	3.15	3.23	3.22	3.08	3.05	2.42	3.23	-0.63	-16.2%
NC_993	20	4429	1.71	1.62	0.23	1.64	1.70	1.50	1.64	1.60	1.08	1.03	0.58	1.70	0.06	3.7%
NC_994	20	4429	1.30	1.22	0.20	1.23	1.28	1.17	1.23	1.21	0.82	0.78	0.44	1.28	0.05	4.4%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_995	20	4429	1.94	1.83	0.26	1.86	1.95	1.70	1.86	1.81	1.22	1.16	0.66	1.95	0.09	4.6%
NC_996	10	4364	1.83	1.85	0.12	1.85	1.85	1.56	1.71	1.66	1.11	1.07	0.60	1.85	0.00	0.2%
NC_997	20	4399	6.36	6.28	0.51	6.31	5.46	5.58	6.36	6.14	4.73	4.53	2.70	6.36	0.05	0.7%
NC_998	10	4364	0.77	0.78	0.08	0.79	0.79	0.69	0.68	0.69	0.47	0.44	0.24	0.79	0.00	-0.5%
NC_999	10	4364	1.61	1.62	0.13	1.63	1.63	1.41	1.48	1.46	0.97	0.92	0.52	1.63	0.00	0.1%
NC_1000	25	4394	4.09	4.10	0.22	4.11	2.89	3.75	3.98	3.96	3.31	3.14	2.02	3.98	-0.13	-3.1%
NC_1001	20	4399	3.01	2.99	0.21	3.00	2.42	2.78	3.01	2.95	2.40	2.28	1.41	3.01	0.01	0.5%
NC_1002	10	4364	1.50	1.51	0.12	1.52	1.52	1.31	1.37	1.35	0.90	0.86	0.48	1.52	-0.01	-0.3%
NC_1003	20	4429	1.23	1.17	0.18	1.17	1.19	1.12	1.17	1.16	0.79	0.75	0.42	1.19	0.02	2.0%
NC_1004	20	4433	1.69	1.62	0.20	1.63	1.47	1.54	1.67	1.63	1.15	1.11	0.64	1.67	0.04	2.3%
NC_1005	20	4429	8.73	8.66	0.68	8.73	7.45	7.49	8.73	8.38	6.43	6.17	3.65	8.73	0.00	0.0%
NC_1006	10	4357	0.85	0.86	0.09	0.87	0.87	0.77	0.76	0.76	0.52	0.49	0.27	0.87	0.00	-0.5%
NC_1007	20	4429	18.84	18.88	1.22	18.95	14.64	16.14	18.95	18.44	13.61	13.46	7.97	18.95	0.00	0.0%
NC_1008	15	4401	2.86	2.74	0.30	2.76	2.82	2.39	2.77	2.66	1.76	1.71	0.98	2.82	0.06	2.1%
NC_1009	20	4433	0.93	0.87	0.15	0.88	0.90	0.87	0.87	0.88	0.61	0.57	0.32	0.90	0.02	2.7%
NC_1010	20	4399	2.04	1.98	0.20	1.99	1.86	1.78	2.03	1.96	1.32	1.29	0.74	2.03	0.04	1.9%
NC_1011	20	4371	0.68	0.64	0.11	0.64	0.66	0.64	0.64	0.64	0.45	0.41	0.23	0.66	0.02	3.8%
NC_1012	20	4433	0.56	0.54	0.08	0.55	0.45	0.53	0.55	0.55	0.39	0.37	0.22	0.55	0.00	0.0%
NC_1013	20	4433	1.38	1.35	0.15	1.36	1.00	1.29	1.38	1.36	1.01	0.98	0.58	1.38	0.02	1.5%
NC_1014	20	4399	2.02	1.99	0.18	2.00	1.41	1.86	2.04	1.99	1.53	1.48	0.88	2.04	0.04	2.1%
NC_1015	60	4558	27.61	27.42	1.02	27.43	6.56	15.40	15.47	15.48	27.13	27.45	23.12	27.45	0.02	0.1%
NC_1016	45	4528	8.41	8.35	0.67	8.66	4.40	7.01	7.51	7.41	7.22	7.19	4.56	7.51	-1.15	-13.3%
NC_1017	60	4558	23.94	23.72	1.37	23.73	6.19	14.22	14.32	14.32	22.74	23.15	18.41	23.15	-0.58	-2.5%
NC_1018	60	4405	6.10	6.02	0.73	6.03	2.13	3.03	3.06	3.05	6.34	6.30	4.49	6.34	0.31	5.1%
NC_1019	25	4461	0.98	0.99	0.06	1.00	0.67	0.87	0.95	0.94	0.81	0.78	0.49	0.95	-0.05	-4.7%
NC_1020	60	4558	21.92	21.65	1.76	21.66	6.50	14.29	14.46	14.45	20.61	20.89	15.41	20.89	-0.77	-3.6%
NC_1021	25	4394	2.81	2.85	0.20	2.86	1.87	2.47	2.75	2.69	2.25	2.19	1.34	2.75	-0.11	-3.7%
NC_1022	45	4528	1.56	1.56	0.13	1.60	0.69	1.23	1.28	1.27	1.38	1.35	0.86	1.38	-0.22	-13.7%
NC_1023	60	4558	23.28	23.03	1.68	23.04	6.54	14.67	14.80	14.79	21.87	22.24	16.72	22.24	-0.80	-3.5%
NC_1024	45	4534	17.68	17.79	0.93	18.20	7.37	13.02	13.39	13.34	16.24	16.35	11.56	16.35	-1.85	-10.2%
NC_1025	25	4461	6.48	6.59	0.59	6.63	4.28	5.78	6.47	6.28	5.24	5.04	3.06	6.47	-0.16	-2.4%
NC_1026	25	4462	2.45	2.47	0.24	2.51	1.61	2.26	2.46	2.40	1.99	1.90	1.15	2.46	-0.05	-2.2%
NC_1027	25	4461	4.05	4.11	0.39	4.16	2.80	3.63	4.08	3.95	3.26	3.11	1.89	4.08	-0.08	-1.9%
NC_1028	20	4429	0.72	0.69	0.10	0.69	0.63	0.69	0.69	0.69	0.50	0.46	0.27	0.69	0.00	0.6%
NC_1029	20	4433	0.65	0.61	0.10	0.62	0.59	0.61	0.61	0.62	0.43	0.40	0.23	0.62	-0.01	-0.8%
NC_1030	10	4357	0.35	0.36	0.04	0.36	0.36	0.33	0.31	0.32	0.22	0.20	0.11	0.36	0.00	-0.3%
NC_1031	20	4399	0.54	0.54	0.05	0.54	0.36	0.50	0.55	0.54	0.40	0.39	0.23	0.55	0.01	1.5%
NC_1032	20	4433	1.07	1.06	0.10	1.06	0.78	1.01	1.07	1.06	0.81	0.78	0.47	1.07	0.01	1.0%
NC_1033	45	4528	1.92	1.91	0.17	1.96	0.85	1.55	1.60	1.58	1.69	1.64	1.04	1.69	-0.27	-13.9%
NC_1034	45	4528	3.35	3.38	0.18	3.41	1.31	2.40	2.42	2.42	3.27	3.16	2.33	3.27	-0.14	-4.0%
NC_1035	20	4433	0.61	0.57	0.10	0.57	0.56	0.57	0.57	0.57	0.40	0.37	0.21	0.57	0.00	0.5%
NC_1036	720	4747	1.32	1.09	0.62	1.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.11	-100.0%
NC_1037	30	4498	1.92	1.91	0.15	1.93	0.97	1.65	1.73	1.72	1.65	1.58	1.00	1.73	-0.20	-10.5%
NC_1038	45	4528	1.63	1.63	0.14	1.66	0.69	1.27	1.30	1.30	1.45	1.41	0.91	1.45	-0.22	-13.0%
NC_1039	45	4534	2.00	2.01	0.09	2.04	0.87	1.49	1.53	1.52	1.86	1.87	1.36	1.87	-0.17	-8.5%
NC_1040	20	4433	0.37	0.36	0.05	0.36	0.30	0.35	0.37	0.36	0.25	0.24	0.14	0.37	0.01	1.7%
NC_1041	45	4534	2.04	2.04	0.07	2.06	0.87	1.50	1.54	1.53	1.89	1.91	1.42	1.91	-0.15	-7.2%
NC_1042	20	4399	0.84	0.83	0.08	0.83	0.65	0.76	0.85	0.82	0.59	0.57	0.33	0.85	0.02	1.8%
NC_1043	45	4528	2.81	2.80	0.22	2.89	1.35	2.29	2.40	2.38	2.45	2.42	1.55	2.45	-0.44	-15.4%
NC_1044	45	4534	6.16	6.16	0.23	6.21	2.46	4.42	4.54	4.52	5.45	5.65	3.98	5.65	-0.56	-9.0%
NC_1045	90	4532	37.72	37.89	2.16	38.34	14.53	21.36	22.27	22.13	37.43	37.21	33.79	37.43	-0.91	-2.4%
NC_1046	60	4405	16.15	16.01	1.38	16.01	6.53	11.45	11.78	11.73	15.37	15.24	11.28	15.37	-0.64	-4.0%
NC_1047	60	4558	17.46	17.30	1.27	17.31	6.87	11.99	12.28	12.26	16.50	16.49	12.64	16.50	-0.81	-4.7%
NC_1048	25	4394	7.75	7.84	0.45	7.89	5.36	6.83	7.53	7.41	7.26	6.76	4.82	7.53	-0.36	-4.6%
NC_1049	45	4531	5.47	5.51	0.38	5.51	2.81	4.25	4.47	4.41	5.40	4.92	3.88	5.40	-0.11	-2.0%
NC_1050	45	4528	4.35	4.35	0.17	4.35	2.03	3.21	3.24	3.22	4.22	3.88	3.12	4.22	-0.13	-3.0%
NC_1051	20	4371	0.38	0.35	0.07	0.35	0.38	0.35	0.34	0.35	0.24	0.22	0.12	0.38	0.03	9.7%
NC_1052	45	4528	6.20	6.21	0.51	6.25	4.03	5.30	5.77	5.69	6.00	5.56	4.01	6.00	-0.26	-4.1%
NC_1053	15	4401	1.25	1.19	0.14	1.20	1.23	1.08	1.22	1.19	0.77	0.75	0.43	1.23	0.03	2.3%
NC_1054	45	4496	3.13	3.13	0.08	3.14	1.84	2.63	2.69	2.69	2.76	2.77	2.15	2.77	-0.37	-11.8%
NC_1055	10	4364	0.85	0.86	0.09	0.86	0.86	0.77	0.76	0.77	0.53	0.49	0.27	0.86	0.00	0.3%
NC_1056	10	4364	1.23	1.24	0.11	1.25	1.25	1.03	1.06	1.05	0.70	0.66	0.37	1.25	0.00	-0.1%
NC_1057	10	4357	0.69	0.69	0.07	0.70	0.70	0.59	0.57	0.59	0.40	0.37	0.20	0.70	0.00	-0.4%
NC_1058	45	4528	3.77	3.77	0.07	3.77	1.85	2.78	2.81	2.81	3.56	3.36	2.72	3.56	-0.21	-5.6%
NC_1059	60	4558	3.48	3.43	0.25	3.43	1.35	2.41	2.46	2.45	3.10	3.13	2.27	3.13	-0.30	-8.8%
NC_1060	15	4401	1.46	1.39	0.15	1.40	1.43	1.28	1.43	1.39	0.89	0.87	0.50	1.43	0.03	1.9%
NC_1061	45	4528	5.57	5.47	0.65	5.75	2.09	2.91	3.37	3.28	4.68	4.22	2.57	4.68	-1.07	-18.6%
NC_1062	45	4496	5.71	5.72	0.34	5.78	2.37	3.85	3.87	3.84	4.54	4.35	3.38	4.54	-1.24	-21.5%
NC_1063	25	4461	1.67	1.69	0.13	1.71	1.13	1.51	1.68	1.65	1.23	1.19	0.71	1.68	-0.03	-1.8%
NC_1064	25	4461	10.52	10.40	0.56	10.40	7.39	9.18	10.22	10.09	7.40	7.58	4.57	10.22	-0.18	-1.7%
NC_1065	25	4461	1.86	1.85	0.08	1.86	1.10	1.61	1.74	1.72	1.42	1.40	0.85	1.74	-0.12	-6.5%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_1066	20	4399	2.74	2.64	0.29	2.64	2.54	2.41	2.72	2.63	1.79	1.75	1.00	2.72	0.08	2.9%
NC_1067	20	4371	0.73	0.68	0.12	0.68	0.73	0.68	0.68	0.68	0.47	0.44	0.24	0.73	0.04	6.6%
NC_1068	20	4367	1.11	1.06	0.15	1.06	1.02	1.00	1.07	1.05	0.72	0.68	0.39	1.07	0.01	0.8%
NC_1069	10	4364	1.00	1.00	0.10	1.01	1.01	0.88	0.85	0.86	0.60	0.55	0.30	1.01	0.00	0.0%
NC_1070	10	4364	1.45	1.46	0.13	1.47	1.47	1.23	1.27	1.26	0.84	0.80	0.44	1.47	0.00	0.0%
NC_1071	10	4364	0.53	0.54	0.06	0.54	0.54	0.48	0.46	0.47	0.33	0.30	0.16	0.54	0.00	0.2%
NC_1072	20	4433	0.76	0.72	0.12	0.72	0.71	0.72	0.72	0.72	0.50	0.47	0.26	0.72	0.00	-0.3%
NC_1073	20	4429	5.40	5.22	0.61	5.29	5.24	4.60	5.29	5.10	3.42	3.32	1.89	5.29	0.00	0.1%
NC_1074	20	4428	8.27	8.29	0.77	8.30	7.40	6.78	8.31	7.87	5.47	5.36	3.00	8.31	0.01	0.2%
NC_1075	20	4429	2.87	2.72	0.41	2.74	2.78	2.58	2.74	2.69	1.86	1.75	0.99	2.78	0.04	1.4%
NC_1076	20	4433	0.53	0.51	0.08	0.52	0.44	0.51	0.52	0.52	0.37	0.34	0.20	0.52	0.00	0.2%
NC_1077	20	4429	0.34	0.33	0.05	0.33	0.30	0.32	0.33	0.33	0.23	0.21	0.12	0.33	0.00	-0.9%
NC_1078	20	4429	2.02	1.97	0.20	1.99	1.93	1.74	1.99	1.93	1.26	1.24	0.70	1.99	0.00	0.1%
NC_1079	20	4429	3.27	3.29	0.18	3.31	2.54	2.91	3.31	3.24	2.30	2.24	1.33	3.31	0.00	-0.1%
NC_1080	10	4364	0.54	0.54	0.06	0.55	0.55	0.48	0.46	0.47	0.32	0.30	0.16	0.55	0.00	-0.5%
NC_1081	25	4464	1.42	1.42	0.10	1.42	0.87	1.31	1.39	1.37	1.18	1.11	0.70	1.39	-0.03	-2.5%
NC_1082	20	4399	1.38	1.36	0.12	1.36	1.14	1.25	1.38	1.35	0.93	0.91	0.53	1.38	0.02	1.4%
NC_1083	20	4429	0.54	0.52	0.08	0.52	0.48	0.51	0.52	0.52	0.36	0.34	0.19	0.52	0.00	-0.2%
NC_1084	20	4433	0.98	0.95	0.13	0.96	0.78	0.94	0.96	0.96	0.71	0.68	0.41	0.96	0.00	0.1%
NC_1085	25	4394	1.44	1.43	0.10	1.44	0.87	1.31	1.40	1.38	1.16	1.10	0.69	1.40	-0.04	-2.8%
NC_1086	20	4433	0.57	0.54	0.09	0.54	0.53	0.54	0.53	0.54	0.37	0.35	0.20	0.54	0.00	-0.6%
NC_1087	45	4528	3.11	3.10	0.25	3.15	2.00	2.72	2.77	2.77	2.75	2.66	1.74	2.77	-0.38	-12.1%
NC_1088	20	4433	1.63	1.58	0.17	1.58	1.45	1.50	1.61	1.58	1.09	1.06	0.62	1.61	0.03	1.7%
NC_1089	20	4399	1.04	1.02	0.10	1.02	0.86	0.96	1.04	1.02	0.72	0.71	0.41	1.04	0.02	2.0%
NC_1090	20	4433	0.64	0.61	0.10	0.61	0.58	0.60	0.61	0.61	0.43	0.39	0.23	0.61	0.00	-0.5%
NC_1091	20	4399	2.47	2.40	0.24	2.40	2.25	2.23	2.45	2.40	1.65	1.61	0.93	2.45	0.05	2.0%
NC_1092	60	4558	19.31	18.92	1.02	18.93	7.86	13.48	13.69	13.68	16.86	16.95	13.42	16.95	-1.98	-10.4%
NC_1093	45	4528	3.43	3.43	0.26	3.50	2.10	2.90	3.02	3.00	3.05	2.96	1.96	3.05	-0.45	-12.8%
NC_1094	20	4429	2.73	2.75	0.17	2.76	2.15	2.38	2.76	2.69	1.98	1.91	1.13	2.76	0.00	0.1%
NC_1095	20	4399	2.63	2.55	0.25	2.56	2.36	2.33	2.61	2.54	1.77	1.72	1.00	2.61	0.05	1.8%
NC_1096	20	4433	1.20	1.18	0.09	1.19	0.82	1.14	1.20	1.19	0.97	0.92	0.57	1.20	0.01	0.6%
NC_1097	30	4498	1.48	1.47	0.12	1.48	0.77	1.29	1.37	1.35	1.29	1.22	0.78	1.37	-0.11	-7.6%
NC_1098	20	4429	0.96	0.93	0.11	0.94	0.92	0.84	0.94	0.91	0.61	0.59	0.34	0.94	0.00	0.0%
NC_1099	20	4399	1.12	1.09	0.12	1.10	1.00	1.00	1.12	1.09	0.73	0.71	0.41	1.12	0.02	1.5%
NC_1100	60	4558	19.22	18.84	0.94	18.86	7.75	13.29	13.50	13.49	16.78	16.86	13.68	16.86	-2.00	-10.6%
NC_1101	45	4496	11.63	11.58	0.47	11.68	5.69	9.25	9.44	9.44	9.40	9.78	6.43	9.78	-1.90	-16.3%
NC_1102	90	4395	186.67	188.36	10.54	189.15	66.06	112.40	112.86	112.99	189.15	193.91	180.77	193.91	4.76	2.5%
NC_1103	20	4399	2.19	2.13	0.21	2.14	2.06	1.92	2.17	2.11	1.37	1.35	0.77	2.17	0.03	1.4%
NC_1104	15	4401	1.03	0.99	0.11	1.00	1.02	0.85	0.99	0.95	0.62	0.61	0.34	1.02	0.02	1.9%
NC_1105	90	4585	7.21	7.34	0.87	7.48	0.60	0.94	0.94	0.94	8.15	9.01	6.69	9.01	1.53	20.4%
NC_1106	90	4395	180.21	181.73	10.34	182.39	65.79	111.57	112.02	112.15	182.39	186.85	174.40	186.85	4.46	2.4%
NC_1107	30	4498	9.22	9.15	0.49	9.32	5.21	7.64	8.14	8.10	7.22	7.76	4.87	8.14	-1.18	-12.7%
NC_1108	15	4401	0.98	0.92	0.12	0.93	0.97	0.84	0.94	0.91	0.60	0.58	0.33	0.97	0.04	4.4%
NC_1109	20	4429	9.66	9.60	0.66	9.67	7.90	8.52	9.67	9.38	7.87	7.39	4.77	9.67	0.00	0.0%
NC_1110	25	4394	8.91	9.01	0.51	9.08	6.08	7.87	8.63	8.51	7.36	7.14	4.66	8.63	-0.45	-4.9%
NC_1111	20	4433	1.81	1.73	0.20	1.74	1.64	1.68	1.76	1.74	1.20	1.15	0.68	1.76	0.02	1.0%
NC_1112	90	4395	207.31	209.09	12.09	210.26	75.65	126.23	126.97	127.00	210.26	215.19	199.48	215.19	4.93	2.3%
NC_1113	90	4395	206.18	206.76	9.81	206.85	70.78	122.80	123.38	123.44	206.85	211.96	204.32	211.96	5.11	2.5%
NC_1114	90	4395	205.75	206.27	9.69	206.32	70.56	122.44	123.02	123.08	206.32	211.40	204.54	211.40	5.08	2.5%
NC_1115	20	4429	1.62	1.52	0.23	1.53	1.61	1.45	1.53	1.51	1.02	0.96	0.55	1.61	0.08	5.3%
NC_1116	20	4429	1.94	1.85	0.26	1.87	1.92	1.71	1.87	1.82	1.23	1.18	0.67	1.92	0.05	2.5%
NC_1117	20	4429	3.85	3.86	0.25	3.90	3.07	3.39	3.90	3.79	2.66	2.59	1.51	3.90	0.00	0.0%
NC_1118	10	4364	0.61	0.61	0.06	0.62	0.62	0.53	0.51	0.52	0.36	0.33	0.18	0.62	0.00	-0.6%
NC_1119	20	4367	18.90	19.05	1.38	19.08	15.14	15.78	18.97	18.48	12.78	12.85	7.34	18.97	-0.11	-0.6%
NC_1120	20	4399	2.61	2.59	0.21	2.60	2.31	2.33	2.61	2.56	1.67	1.64	0.95	2.61	0.01	0.3%
NC_1121	30	4498	28.40	27.98	2.19	28.56	18.22	24.64	26.58	26.39	28.61	28.43	21.34	28.61	0.05	0.2%
NC_1122	10	4364	0.68	0.69	0.07	0.69	0.69	0.62	0.60	0.61	0.42	0.39	0.21	0.69	0.00	0.4%
NC_1123	20	4429	2.01	1.91	0.26	1.94	1.98	1.76	1.94	1.89	1.28	1.22	0.70	1.98	0.04	2.2%
NC_1124	25	4466	27.16	27.13	1.31	27.20	18.47	23.82	26.06	25.77	27.84	27.02	20.28	27.84	0.64	2.3%
NC_1125	25	4466	27.41	27.49	1.42	27.59	18.94	24.11	26.43	26.09	28.00	26.98	20.20	28.00	0.41	1.5%
NC_1126	20	4433	0.85	0.80	0.14	0.80	0.83	0.80	0.79	0.80	0.56	0.51	0.29	0.83	0.03	3.9%
NC_1127	10	4364	2.52	2.53	0.12	2.54	2.54	2.07	2.35	2.27	1.48	1.43	0.82	2.54	0.00	-0.1%
NC_1128	10	4364	1.57	1.58	0.12	1.59	1.59	1.38	1.46	1.43	0.96	0.91	0.51	1.59	0.00	-0.1%
NC_1129	15	4401	3.23	3.13	0.29	3.16	3.14	2.62	3.14	3.00	2.00	1.95	1.11	3.14	-0.02	-0.7%
NC_1130	20	4399	5.11	5.00	0.50	5.01	4.71	4.30	5.09	4.86	3.35	3.27	1.85	5.09	0.08	1.7%
NC_1131	60	4558	11.61	11.47	0.46	11.49	3.88	7.57	7.69	7.68	10.65	10.45	8.52	10.65	-0.84	-7.3%
NC_1132	20	4433	1.40	1.31	0.22	1.31	1.40	1.30	1.31	1.31	0.91	0.84	0.47	1.40	0.09	6.9%
NC_1133	20	4399	5.79	5.66	0.56	5.68	5.19	4.98	5.77	5.53	3.81	3.72	2.11	5.77	0.09	1.6%
NC_1134	20	4429	2.82	2.70	0.36	2.74	2.74	2.48	2.74	2.66	1.80	1.73	0.99	2.74	0.00	0.0%
NC_1135	20	4371	0.69	0.65	0.11	0.65	0.67	0.65	0.64	0.65	0.45	0.42	0.23	0.67	0.02	2.3%
NC_1136	45	4528	2.27	2.26	0.18	2.33	1.07	1.84	1.94	1.92	1.95	1.94	1.22	1.95	-0.38	-16.4%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_1137	25	4466	8.27	8.26	0.56	8.32	5.99	7.14	8.15	7.99	5.85	5.92	3.51	8.15	-0.17	-2.0%
NC_1138	10	4357	0.74	0.75	0.08	0.76	0.76	0.68	0.66	0.67	0.46	0.43	0.23	0.76	0.00	-0.4%
NC_1139	10	4364	1.95	1.96	0.15	1.97	1.97	1.72	1.82	1.79	1.19	1.13	0.64	1.97	0.00	-0.1%
NC_1140	20	4433	1.42	1.37	0.15	1.37	1.31	1.28	1.40	1.37	0.89	0.88	0.51	1.40	0.03	1.9%
NC_1141	45	4528	9.38	9.34	0.64	9.72	4.40	7.85	8.28	8.23	7.92	7.99	5.04	8.28	-1.44	-14.8%
NC_1142	45	4533	9.32	9.29	0.54	9.61	4.13	7.52	7.87	7.84	7.83	8.01	5.17	8.01	-1.60	-16.6%
NC_1143	20	4429	1.24	1.16	0.19	1.17	1.21	1.13	1.17	1.16	0.79	0.75	0.42	1.21	0.04	3.8%
NC_1144	45	4534	9.90	9.85	0.40	9.90	4.15	7.64	7.98	7.95	8.14	8.65	5.71	8.65	-1.25	-12.6%
NC_1145	45	4533	10.30	10.18	0.34	10.24	4.18	7.73	8.06	8.03	8.65	9.08	6.06	9.08	-1.16	-11.3%
NC_1146	10	4364	0.83	0.83	0.09	0.84	0.84	0.76	0.75	0.75	0.52	0.48	0.26	0.84	0.00	0.1%
NC_1147	20	4429	0.91	0.87	0.12	0.88	0.90	0.79	0.88	0.85	0.57	0.55	0.31	0.90	0.02	2.5%
NC_1148	45	4533	10.87	10.80	0.31	10.87	4.48	7.84	8.12	8.10	9.43	9.64	6.58	9.64	-1.23	-11.3%
NC_1149	20	4429	1.16	1.08	0.18	1.08	1.16	1.05	1.08	1.07	0.73	0.69	0.39	1.16	0.08	7.7%
NC_1150	20	4371	0.75	0.70	0.13	0.70	0.76	0.70	0.69	0.69	0.48	0.44	0.25	0.76	0.06	8.9%
NC_1151	20	4399	2.15	2.12	0.18	2.13	1.86	1.87	2.16	2.09	1.42	1.39	0.79	2.16	0.03	1.3%
NC_1152	20	4428	2.55	2.52	0.21	2.53	2.16	2.21	2.57	2.48	1.70	1.67	0.95	2.57	0.04	1.5%
NC_1153	20	4428	2.61	2.58	0.22	2.59	2.24	2.25	2.62	2.53	1.74	1.71	0.97	2.62	0.03	1.2%
NC_1154	20	4429	2.20	2.04	0.35	2.05	2.23	1.99	2.05	2.03	1.39	1.30	0.73	2.23	0.18	8.6%
NC_1155	20	4428	3.92	3.90	0.27	3.92	3.26	3.49	3.95	3.86	2.62	2.56	1.49	3.95	0.03	0.7%
NC_1156	15	4401	3.83	3.83	0.23	3.86	3.45	3.08	3.83	3.62	2.51	2.46	1.38	3.83	-0.03	-0.8%
NC_1157	20	4429	4.69	4.71	0.24	4.72	3.49	4.18	4.72	4.63	3.36	3.28	1.95	4.72	0.00	0.1%
NC_1158	25	4461	8.84	8.73	0.47	8.74	6.02	7.61	8.53	8.41	6.29	6.48	3.86	8.53	-0.21	-2.4%
NC_1159	25	4458	8.99	8.89	0.45	8.92	6.04	7.74	8.63	8.52	6.41	6.66	3.98	8.63	-0.29	-3.2%
NC_1160	25	4458	9.26	9.19	0.41	9.24	6.02	8.00	8.80	8.71	6.67	7.10	4.26	8.80	-0.44	-4.7%
NC_1161	45	4528	3.68	3.64	0.35	3.70	2.41	3.31	3.33	3.33	3.29	3.10	2.05	3.33	-0.37	-9.9%
NC_1162	20	4433	0.97	0.91	0.15	0.91	0.91	0.91	0.91	0.91	0.64	0.59	0.34	0.91	0.00	0.3%
NC_1163	20	4429	1.13	1.06	0.18	1.07	1.13	1.03	1.07	1.06	0.72	0.68	0.38	1.13	0.06	5.5%
NC_1164	45	4528	2.98	2.98	0.23	3.04	1.26	2.28	2.35	2.34	2.61	2.58	1.65	2.61	-0.43	-14.2%
NC_1165	20	4371	0.67	0.63	0.11	0.63	0.65	0.63	0.62	0.63	0.44	0.40	0.23	0.65	0.02	3.0%
NC_1166	10	4364	1.43	1.44	0.14	1.45	1.45	1.25	1.26	1.26	0.86	0.80	0.44	1.45	0.00	0.1%
NC_1167	45	4528	4.66	4.64	0.43	4.72	2.95	3.93	4.19	4.14	4.24	4.01	2.68	4.24	-0.48	-10.3%
NC_1168	45	4496	14.98	14.86	0.69	14.95	7.62	12.12	12.56	12.52	11.91	12.49	7.99	12.56	-2.39	-16.0%
NC_1169	60	4558	2.87	2.86	0.17	2.86	1.00	1.82	1.85	1.84	2.85	2.85	2.29	2.85	-0.01	-0.2%
NC_1170	60	4405	1.80	1.80	0.14	1.80	0.58	1.11	1.13	1.13	1.79	1.77	1.31	1.79	-0.01	-0.4%
NC_1171	20	4433	0.57	0.55	0.07	0.56	0.42	0.53	0.56	0.56	0.40	0.39	0.23	0.56	0.00	0.5%
NC_1172	25	4460	0.91	0.91	0.08	0.91	0.55	0.84	0.91	0.89	0.73	0.70	0.42	0.91	-0.01	-0.5%
NC_1173	60	4558	4.02	4.03	0.21	4.03	1.80	2.81	2.90	2.89	4.23	4.08	3.40	4.23	0.20	5.0%
NC_1174	20	4433	1.02	0.95	0.16	0.96	1.00	0.95	0.95	0.96	0.67	0.62	0.35	1.00	0.04	4.1%
NC_1175	10	4364	0.73	0.74	0.08	0.74	0.74	0.67	0.65	0.66	0.45	0.42	0.23	0.74	0.00	0.1%
NC_1176	30	4498	2.09	2.07	0.18	2.09	1.07	1.80	1.91	1.89	1.79	1.71	1.08	1.91	-0.18	-8.7%
NC_1177	45	4496	15.39	15.27	0.59	15.47	7.49	12.11	12.50	12.47	12.25	12.91	8.54	12.91	-2.56	-16.5%
NC_1178	60	4405	4.18	4.18	0.20	4.18	1.70	2.83	2.90	2.89	4.34	4.28	3.61	4.34	0.16	3.8%
NC_1179	20	4433	0.53	0.51	0.08	0.52	0.43	0.51	0.52	0.52	0.37	0.35	0.20	0.52	0.00	0.6%
NC_1180	20	4371	0.71	0.65	0.12	0.66	0.72	0.66	0.64	0.65	0.45	0.42	0.23	0.72	0.06	8.8%
NC_1181	20	4399	1.79	1.78	0.14	1.79	1.49	1.61	1.80	1.76	1.20	1.17	0.68	1.80	0.01	0.4%
NC_1182	25	4461	2.63	2.67	0.19	2.69	1.79	2.36	2.62	2.58	1.96	1.90	1.14	2.62	-0.07	-2.5%
NC_1183	45	4528	2.65	2.65	0.23	2.71	1.46	2.20	2.35	2.32	2.41	2.32	1.54	2.41	-0.30	-11.2%
NC_1184	20	4399	0.89	0.85	0.10	0.85	0.82	0.77	0.88	0.85	0.56	0.55	0.31	0.88	0.03	2.9%
NC_1185	45	4528	1.95	1.96	0.16	2.00	0.86	1.51	1.57	1.56	1.76	1.73	1.14	1.76	-0.24	-12.1%
NC_1186	20	4433	0.55	0.52	0.08	0.53	0.47	0.52	0.53	0.53	0.37	0.34	0.20	0.53	0.00	-0.4%
NC_1187	60	4405	4.43	4.43	0.24	4.43	1.83	3.05	3.14	3.13	4.61	4.54	3.81	4.61	0.18	4.0%
NC_1188	45	4528	3.84	3.87	0.28	3.96	1.81	3.00	3.16	3.13	3.43	3.43	2.26	3.43	-0.53	-13.4%
NC_1189	20	4371	0.72	0.67	0.12	0.67	0.70	0.67	0.67	0.67	0.47	0.43	0.24	0.70	0.03	4.8%
NC_1190	25	4461	9.68	9.62	0.43	9.64	6.10	8.49	9.19	9.11	7.29	7.51	4.58	9.19	-0.45	-4.7%
NC_1191	10	4364	1.49	1.50	0.14	1.51	1.51	1.32	1.33	1.33	0.91	0.85	0.47	1.51	0.00	0.1%
NC_1192	20	4399	4.25	4.16	0.40	4.18	3.67	3.74	4.25	4.11	2.87	2.79	1.61	4.25	0.07	1.6%
NC_1193	25	4461	6.17	6.11	0.33	6.15	4.12	5.39	5.95	5.89	4.52	4.55	2.73	5.95	-0.21	-3.3%
NC_1194	25	4466	25.85	25.91	1.88	26.23	20.27	22.44	25.85	25.22	18.33	18.35	11.01	25.85	-0.38	-1.5%
NC_1195	20	4429	2.28	2.17	0.29	2.21	2.27	1.98	2.21	2.14	1.43	1.38	0.79	2.27	0.06	2.7%
NC_1196	20	4429	1.84	1.75	0.25	1.77	1.83	1.62	1.77	1.73	1.14	1.10	0.63	1.83	0.05	3.1%
NC_1197	10	4364	0.87	0.87	0.09	0.88	0.88	0.75	0.74	0.75	0.51	0.47	0.26	0.88	0.00	0.0%
NC_1198	10	4364	1.14	1.14	0.11	1.15	1.15	0.98	0.97	0.98	0.67	0.62	0.34	1.15	0.00	0.0%
NC_1199	20	4429	13.71	13.66	0.78	13.78	11.31	12.32	13.78	13.46	9.89	9.58	5.85	13.78	0.00	0.0%
NC_1200	10	4364	1.15	1.15	0.12	1.16	1.16	1.00	0.99	1.00	0.68	0.63	0.35	1.16	0.00	0.1%
NC_1201	20	4429	11.31	11.28	0.60	11.37	9.33	10.27	11.37	11.14	8.24	8.00	4.92	11.37	0.00	0.0%
NC_1202	10	4364	1.39	1.40	0.13	1.41	1.41	1.20	1.22	1.21	0.82	0.77	0.43	1.41	0.00	-0.1%
NC_1203	20	4367	2.31	2.22	0.26	2.22	2.17	2.09	2.25	2.22	1.49	1.44	0.83	2.25	0.03	1.5%
NC_1204	15	4401	2.45	2.33	0.29	2.35	2.44	2.10	2.38	2.30	1.52	1.48	0.84	2.44	0.09	3.8%
NC_1205	10	4364	1.75	1.76	0.14	1.78	1.78	1.50	1.59	1.56	1.03	0.99	0.56	1.78	-0.01	-0.3%
NC_1206	10	4364	0.72	0.72	0.07	0.73	0.73	0.62	0.61	0.61	0.42	0.39	0.21	0.73	0.00	-0.3%
NC_1207	10	4364	1.50	1.51	0.13	1.52	1.52	1.26	1.32	1.30	0.87	0.82	0.46	1.52	0.00	-0.1%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_1208	10	4357	1.04	1.05	0.11	1.05	1.05	0.93	0.93	0.93	0.64	0.60	0.33	1.05	0.00	0.4%
NC_1209	20	4429	1.92	1.82	0.27	1.83	1.92	1.72	1.83	1.80	1.22	1.15	0.66	1.92	0.09	5.0%
NC_1210	20	4433	1.46	1.42	0.15	1.43	1.24	1.36	1.44	1.43	1.02	0.99	0.59	1.44	0.01	0.9%
NC_1211	20	4429	3.54	3.37	0.45	3.43	3.53	3.07	3.43	3.32	2.24	2.15	1.23	3.53	0.10	2.9%
NC_1212	10	4364	2.07	2.08	0.13	2.09	2.09	1.70	1.88	1.83	1.20	1.16	0.65	2.09	0.00	-0.2%
NC_1213	20	4371	0.69	0.64	0.11	0.64	0.66	0.64	0.64	0.64	0.45	0.42	0.23	0.66	0.02	2.3%
NC_1214	10	4364	0.66	0.67	0.07	0.67	0.67	0.61	0.59	0.60	0.41	0.38	0.21	0.67	0.00	0.6%
NC_1215	20	4429	16.09	16.07	0.94	16.20	13.05	14.30	16.20	15.82	11.56	11.19	6.82	16.20	0.00	0.0%
NC_1216	20	4429	4.90	4.87	0.40	4.92	4.22	4.15	4.92	4.70	3.39	3.30	1.90	4.92	0.00	0.0%
NC_1217	10	4357	0.73	0.74	0.08	0.74	0.74	0.65	0.64	0.64	0.44	0.41	0.22	0.74	0.00	0.3%
NC_1218	20	4433	1.53	1.46	0.18	1.47	1.41	1.41	1.49	1.47	0.99	0.94	0.55	1.49	0.02	1.2%
NC_1219	25	4466	4.90	4.88	0.33	4.90	3.51	4.18	4.80	4.70	3.58	3.57	2.13	4.80	-0.11	-2.1%
NC_1220	10	4364	3.23	3.25	0.20	3.27	3.27	2.83	3.06	3.01	1.96	1.88	1.09	3.27	0.00	-0.2%
NC_1221	10	4364	0.80	0.80	0.08	0.81	0.81	0.70	0.69	0.69	0.48	0.44	0.24	0.81	0.00	-0.2%
NC_1222	15	4401	2.85	2.74	0.29	2.77	2.77	2.37	2.79	2.67	1.78	1.73	0.99	2.79	0.02	0.6%
NC_1223	10	4364	1.44	1.45	0.13	1.46	1.46	1.22	1.26	1.25	0.83	0.79	0.44	1.46	0.00	0.2%
NC_1224	20	4429	1.01	0.95	0.16	0.95	0.97	0.94	0.95	0.95	0.66	0.62	0.35	0.97	0.02	1.9%
NC_1225	20	4399	2.71	2.66	0.24	2.68	2.31	2.43	2.72	2.65	1.82	1.78	1.03	2.72	0.03	1.3%
NC_1226	20	4399	2.26	2.24	0.18	2.24	1.77	2.10	2.26	2.23	1.62	1.56	0.95	2.26	0.02	0.8%
NC_1227	25	4466	29.00	28.74	1.74	28.80	21.20	25.08	28.52	28.01	20.51	21.02	12.66	28.52	-0.28	-1.0%
NC_1228	25	4458	32.57	32.24	1.69	32.47	22.94	28.12	31.59	31.13	22.95	23.89	14.41	31.59	-0.88	-2.7%
NC_1229	20	4429	4.37	4.36	0.34	4.41	3.81	3.69	4.41	4.25	2.84	2.80	1.58	4.41	0.00	0.0%
NC_1230	10	4364	1.68	1.69	0.14	1.70	1.70	1.42	1.50	1.47	0.98	0.93	0.52	1.70	0.00	-0.1%
NC_1231	15	4401	2.64	2.52	0.32	2.53	2.66	2.25	2.52	2.44	1.61	1.56	0.89	2.66	0.13	5.3%
NC_1232	20	4433	1.05	1.02	0.14	1.03	0.85	1.01	1.03	1.03	0.77	0.73	0.44	1.03	0.00	0.2%
NC_1233	20	4428	4.87	4.84	0.38	4.86	3.77	4.33	4.92	4.76	3.73	3.58	2.14	4.92	0.06	1.2%
NC_1234	20	4399	4.01	3.97	0.34	3.97	2.97	3.61	4.05	3.93	3.05	2.94	1.73	4.05	0.08	2.0%
NC_1235	45	4528	2.97	2.94	0.26	3.02	1.78	2.55	2.70	2.68	2.64	2.50	1.64	2.70	-0.32	-10.5%
NC_1236	20	4371	0.65	0.61	0.11	0.61	0.62	0.61	0.61	0.61	0.43	0.40	0.22	0.62	0.01	2.1%
NC_1237	45	4528	3.96	3.95	0.33	3.99	2.50	3.48	3.56	3.57	3.60	3.44	2.32	3.60	-0.39	-9.8%
NC_1238	20	4433	1.09	1.04	0.13	1.04	0.99	0.98	1.07	1.04	0.70	0.68	0.39	1.07	0.02	2.4%
NC_1239	30	4500	4.84	4.80	0.34	4.83	3.55	4.51	4.71	4.67	4.38	4.06	2.77	4.71	-0.12	-2.5%
NC_1240	25	4460	5.34	5.36	0.35	5.41	4.04	4.95	5.24	5.17	4.81	4.42	3.02	5.24	-0.17	-3.2%
NC_1241	20	4429	1.19	1.10	0.19	1.11	1.20	1.07	1.11	1.10	0.74	0.70	0.39	1.20	0.09	8.4%
NC_1242	20	4429	1.55	1.46	0.22	1.48	1.56	1.36	1.48	1.44	0.97	0.93	0.52	1.56	0.08	5.3%
NC_1243	10	4364	1.34	1.35	0.11	1.36	1.36	1.19	1.24	1.23	0.82	0.78	0.44	1.36	0.00	-0.3%
NC_1244	20	4429	2.96	2.78	0.42	2.82	2.97	2.56	2.82	2.73	1.86	1.77	1.00	2.97	0.15	5.4%
NC_1245	10	4364	1.21	1.22	0.11	1.23	1.23	1.09	1.12	1.11	0.75	0.71	0.40	1.23	0.00	-0.3%
NC_1246	10	4364	0.87	0.87	0.09	0.88	0.88	0.77	0.76	0.76	0.53	0.49	0.27	0.88	0.00	0.0%
NC_1247	10	4364	1.29	1.30	0.12	1.31	1.31	1.11	1.13	1.13	0.76	0.71	0.40	1.31	0.00	0.1%
NC_1248	20	4429	1.88	1.77	0.27	1.78	1.90	1.67	1.78	1.75	1.17	1.11	0.63	1.90	0.12	6.7%
NC_1249	20	4399	0.96	0.96	0.07	0.96	0.63	0.90	0.97	0.95	0.77	0.73	0.45	0.97	0.01	1.0%
NC_1250	20	4428	4.80	4.79	0.37	4.80	3.73	4.30	4.84	4.68	3.65	3.50	2.09	4.84	0.04	0.8%
NC_1251	20	4433	0.52	0.50	0.08	0.51	0.44	0.50	0.51	0.51	0.36	0.33	0.19	0.51	0.00	-0.4%
NC_1252	20	4399	2.35	2.32	0.22	2.33	1.83	2.08	2.38	2.29	1.70	1.65	0.96	2.38	0.05	2.0%
NC_1253	20	4433	1.58	1.55	0.17	1.56	1.15	1.46	1.60	1.56	1.15	1.12	0.66	1.60	0.03	2.2%
NC_1254	20	4433	0.55	0.53	0.08	0.54	0.43	0.52	0.54	0.54	0.38	0.37	0.22	0.54	0.00	-0.2%
NC_1255	20	4399	3.36	3.35	0.26	3.38	2.37	2.98	3.40	3.28	2.57	2.48	1.45	3.40	0.02	0.6%
NC_1256	25	4461	4.37	4.46	0.28	4.46	2.53	3.82	4.17	4.12	3.51	3.38	2.06	4.17	-0.29	-6.4%
NC_1257	25	4394	4.50	4.59	0.27	4.61	2.60	3.92	4.28	4.22	3.62	3.53	2.15	4.28	-0.33	-7.2%
NC_1258	20	4433	0.59	0.56	0.09	0.56	0.53	0.56	0.56	0.56	0.39	0.36	0.21	0.56	0.00	0.2%
NC_1259	25	4394	11.87	12.08	0.84	12.11	7.34	10.41	11.52	11.30	9.40	9.20	5.55	11.52	-0.59	-4.9%
NC_1260	20	4429	0.83	0.79	0.12	0.80	0.72	0.79	0.80	0.80	0.57	0.53	0.31	0.80	0.00	-0.3%
NC_1261	120	4499	215.52	216.08	18.26	218.04	71.77	125.00	125.57	125.64	212.66	218.04	220.07	220.07	2.03	0.9%
NC_1262	25	4462	0.90	0.91	0.09	0.92	0.55	0.81	0.89	0.87	0.73	0.69	0.42	0.89	-0.03	-2.9%
NC_1263	20	4433	2.11	2.01	0.24	2.01	2.01	1.99	2.01	2.01	1.59	1.46	0.93	2.01	0.00	0.2%
NC_1264	20	4404	1.97	1.97	0.15	1.97	1.32	1.77	2.01	1.94	1.52	1.46	0.86	2.01	0.04	1.9%
NC_1265	20	4428	2.74	2.72	0.22	2.73	1.96	2.42	2.79	2.68	2.06	1.99	1.16	2.79	0.06	2.2%
NC_1266	25	4461	5.05	5.14	0.48	5.16	3.37	4.42	5.05	4.88	3.95	3.82	2.26	5.05	-0.11	-2.1%
NC_1267	20	4429	0.59	0.56	0.09	0.56	0.53	0.56	0.56	0.57	0.40	0.37	0.21	0.57	0.00	0.9%
NC_1268	20	4371	0.62	0.58	0.10	0.58	0.60	0.58	0.58	0.58	0.40	0.37	0.21	0.60	0.02	3.3%
NC_1269	25	4394	5.33	5.44	0.45	5.48	3.41	4.58	5.23	5.07	4.17	4.08	2.42	5.23	-0.25	-4.5%
NC_1270	20	4367	1.40	1.34	0.20	1.36	1.29	1.28	1.36	1.33	0.93	0.87	0.50	1.36	0.00	-0.3%
NC_1271	25	4394	5.27	5.36	0.31	5.37	3.10	4.69	5.04	4.99	4.25	4.11	2.52	5.04	-0.33	-6.1%
NC_1272	20	4433	0.24	0.22	0.04	0.23	0.20	0.22	0.23	0.23	0.15	0.14	0.08	0.23	0.00	-0.9%
NC_1273	60	4558	8.50	8.41	0.70	8.41	3.58	6.18	6.36	6.34	8.38	8.49	6.63	8.49	0.08	1.0%
NC_1274	20	4428	2.44	2.40	0.21	2.41	2.10	2.10	2.45	2.36	1.60	1.58	0.89	2.45	0.04	1.7%
NC_1275	25	4458	4.26	4.22	0.20	4.23	2.83	3.69	4.07	4.02	3.02	3.13	1.86	4.07	-0.16	-3.8%
NC_1276	10	4364	1.44	1.45	0.12	1.46	1.46	1.28	1.34	1.32	0.88	0.84	0.47	1.46	0.00	-0.3%
NC_1277	20	4399	1.69	1.65	0.18	1.65	1.31	1.52	1.70	1.64	1.20	1.16	0.67	1.70	0.05	2.8%
NC_1278	15	4401	10.39	10.16	0.93	10.23	10.34	8.60	9.72	9.14	6.11	5.96	3.36	10.34	0.11	1.1%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_1279	15	4401	15.49	15.49	0.83	15.62	14.12	12.19	15.08	14.37	9.48	9.40	5.27	15.08	-0.54	-3.5%
NC_1280	10	4364	2.29	2.30	0.18	2.31	2.31	1.85	1.96	1.93	1.27	1.21	0.68	2.31	0.00	0.2%
NC_1281	10	4364	0.97	0.97	0.09	0.98	0.98	0.82	0.81	0.82	0.56	0.52	0.28	0.98	-0.01	-0.5%
NC_1282	10	4364	0.70	0.71	0.07	0.71	0.71	0.62	0.61	0.61	0.42	0.39	0.21	0.71	0.00	0.3%
NC_1283	10	4364	10.00	9.96	0.42	9.99	9.99	8.19	9.24	8.81	5.81	5.65	3.20	9.99	0.00	0.0%
NC_1284	10	4364	1.59	1.60	0.14	1.61	1.61	1.30	1.35	1.33	0.89	0.84	0.47	1.61	0.00	0.0%
NC_1285	10	4357	0.85	0.86	0.09	0.86	0.86	0.76	0.74	0.75	0.52	0.48	0.26	0.86	0.00	0.5%
NC_1286	10	4364	0.71	0.71	0.07	0.72	0.72	0.62	0.61	0.61	0.42	0.39	0.21	0.72	-0.01	-0.7%
NC_1287	10	4364	0.66	0.67	0.07	0.68	0.68	0.61	0.59	0.60	0.41	0.38	0.21	0.68	-0.01	-0.7%
NC_1288	10	4364	2.09	2.10	0.17	2.12	2.12	1.78	1.87	1.85	1.22	1.16	0.65	2.12	0.00	-0.2%
NC_1289	10	4364	0.66	0.66	0.07	0.67	0.67	0.59	0.57	0.58	0.40	0.37	0.20	0.67	-0.01	-0.7%
NC_1290	10	4364	1.27	1.28	0.10	1.29	1.29	1.14	1.19	1.18	0.79	0.75	0.42	1.29	0.00	-0.1%
NC_1291	10	4364	0.77	0.78	0.08	0.78	0.78	0.71	0.70	0.70	0.49	0.45	0.25	0.78	0.00	0.1%
NC_1292	20	4429	0.90	0.84	0.14	0.84	0.87	0.83	0.84	0.84	0.58	0.54	0.31	0.87	0.03	4.0%
NC_1293	20	4429	1.41	1.34	0.20	1.35	1.37	1.28	1.35	1.33	0.90	0.85	0.49	1.37	0.02	1.6%
NC_1294	20	4399	2.08	2.00	0.22	2.00	1.92	1.85	2.05	2.00	1.36	1.32	0.76	2.05	0.05	2.7%
NC_1295	20	4371	0.63	0.58	0.11	0.58	0.63	0.58	0.57	0.58	0.40	0.37	0.20	0.63	0.05	9.0%
NC_1296	20	4429	5.12	4.97	0.60	5.05	4.86	4.33	5.05	4.81	3.31	3.20	1.81	5.05	0.00	0.1%
NC_1297	25	4466	7.35	7.37	0.50	7.42	5.10	6.36	7.20	7.06	5.35	5.36	3.18	7.20	-0.22	-3.0%
NC_1298	10	4364	0.72	0.72	0.08	0.73	0.73	0.64	0.62	0.63	0.43	0.40	0.22	0.73	0.00	0.0%
NC_1299	10	4364	0.68	0.68	0.07	0.69	0.69	0.62	0.61	0.61	0.42	0.39	0.21	0.69	0.00	-0.4%
NC_1300	10	4364	0.73	0.74	0.08	0.74	0.74	0.67	0.66	0.66	0.46	0.42	0.23	0.74	0.00	0.5%
NC_1301	45	4534	42.62	42.52	1.73	42.93	13.27	29.47	30.29	30.23	36.86	39.81	26.33	39.81	-3.12	-7.3%
NC_1302	10	4364	0.74	0.74	0.08	0.75	0.75	0.66	0.64	0.65	0.45	0.41	0.23	0.75	0.00	-0.1%
NC_1303	20	4399	1.06	1.02	0.11	1.02	0.97	0.94	1.04	1.02	0.67	0.66	0.38	1.04	0.02	2.4%
NC_1304	25	4394	6.63	6.73	0.53	6.78	4.87	5.83	6.64	6.49	4.82	4.76	2.81	6.64	-0.14	-2.1%
NC_1305	10	4364	0.73	0.73	0.08	0.74	0.74	0.66	0.64	0.65	0.45	0.41	0.23	0.74	0.00	-0.3%
NC_1306	10	4364	1.30	1.31	0.11	1.32	1.32	1.13	1.17	1.16	0.78	0.74	0.41	1.32	0.00	-0.3%
NC_1307	20	4429	1.98	1.87	0.27	1.89	2.00	1.74	1.89	1.85	1.24	1.18	0.67	2.00	0.11	5.7%
NC_1308	10	4364	0.68	0.68	0.07	0.69	0.69	0.61	0.59	0.60	0.41	0.38	0.21	0.69	0.00	-0.1%
NC_1309	10	4364	1.20	1.20	0.11	1.21	1.21	1.03	1.06	1.05	0.71	0.67	0.37	1.21	0.00	0.2%
NC_1310	20	4399	6.83	6.67	0.72	6.68	6.40	5.66	6.81	6.41	4.46	4.35	2.44	6.81	0.13	1.9%
NC_1311	20	4429	5.18	5.04	0.59	5.11	4.92	4.40	5.11	4.83	3.35	3.25	1.84	5.11	0.00	-0.1%
NC_1312	20	4429	1.37	1.31	0.17	1.32	1.32	1.24	1.32	1.30	0.85	0.81	0.47	1.32	0.00	0.0%
NC_1313	10	4364	1.67	1.68	0.13	1.69	1.69	1.48	1.56	1.54	1.03	0.97	0.55	1.69	0.00	-0.2%
NC_1314	10	4364	0.70	0.70	0.07	0.71	0.71	0.62	0.61	0.61	0.42	0.39	0.21	0.71	-0.01	-0.7%
NC_1315	10	4357	0.72	0.73	0.08	0.74	0.74	0.66	0.65	0.66	0.45	0.42	0.23	0.74	0.00	-0.4%
NC_1316	20	4371	0.74	0.68	0.13	0.68	0.75	0.68	0.67	0.68	0.47	0.43	0.24	0.75	0.07	10.0%
NC_1317	20	4429	2.80	2.67	0.37	2.71	2.74	2.46	2.71	2.63	1.79	1.71	0.97	2.74	0.03	1.0%
NC_1318	10	4364	0.81	0.82	0.09	0.83	0.83	0.74	0.72	0.73	0.50	0.47	0.25	0.83	0.00	-0.2%
NC_1319	60	4405	10.08	10.02	0.39	10.04	4.11	6.39	6.60	6.60	8.25	7.77	6.54	8.25	-1.80	-17.9%
NC_1320	10	4364	1.46	1.47	0.12	1.48	1.48	1.27	1.32	1.31	0.87	0.83	0.46	1.48	0.00	0.0%
NC_1321	30	4498	6.96	6.88	0.50	7.02	4.68	6.12	6.57	6.52	5.35	5.58	3.55	6.57	-0.45	-6.5%
NC_1322	30	4498	6.95	6.87	0.47	7.01	4.62	6.08	6.51	6.47	5.33	5.62	3.61	6.51	-0.50	-7.2%
NC_1323	20	4371	0.44	0.41	0.08	0.41	0.42	0.41	0.40	0.41	0.28	0.26	0.14	0.42	0.01	3.2%
NC_1324	45	4534	24.51	24.43	1.24	24.86	13.58	20.17	21.20	21.10	20.99	21.33	14.81	21.33	-3.53	-14.2%
NC_1325	25	4461	7.47	7.55	0.52	7.63	5.28	6.79	7.35	7.23	6.09	5.77	3.65	7.35	-0.28	-3.7%
NC_1326	20	4371	0.50	0.47	0.08	0.47	0.47	0.47	0.47	0.47	0.33	0.30	0.17	0.47	0.00	-0.2%
NC_1327	45	4528	7.48	7.42	0.49	7.66	4.24	6.30	6.68	6.63	6.30	6.30	4.04	6.68	-0.98	-12.8%
NC_1328	20	4429	1.05	1.01	0.12	1.03	1.02	0.92	1.03	1.00	0.65	0.64	0.36	1.03	0.00	-0.1%
NC_1329	20	4371	0.77	0.72	0.13	0.72	0.75	0.72	0.71	0.72	0.50	0.46	0.26	0.75	0.03	3.5%
NC_1330	25	4460	3.34	3.36	0.22	3.37	2.14	3.03	3.28	3.24	2.68	2.55	1.60	3.28	-0.09	-2.6%
NC_1331	20	4399	1.02	1.01	0.09	1.01	0.78	0.93	1.03	1.00	0.73	0.71	0.42	1.03	0.02	1.6%
NC_1332	20	4429	0.78	0.74	0.11	0.75	0.70	0.74	0.75	0.75	0.53	0.49	0.28	0.75	0.00	-0.4%
NC_1333	30	4498	5.64	5.61	0.39	5.67	3.42	4.94	5.19	5.17	4.86	4.67	3.02	5.19	-0.48	-8.5%
NC_1334	30	4498	4.08	4.04	0.38	4.09	2.40	3.56	3.84	3.79	3.46	3.32	2.09	3.84	-0.26	-6.2%
NC_1335	20	4404	6.08	6.04	0.48	6.05	4.95	5.46	6.13	5.96	4.51	4.35	2.59	6.13	0.08	1.3%
NC_1336	20	4428	4.29	4.24	0.35	4.26	3.75	3.74	4.31	4.13	3.13	3.01	1.78	4.31	0.05	1.2%
NC_1337	20	4399	9.66	9.62	0.66	9.72	7.69	8.54	9.73	9.46	7.05	6.85	4.03	9.73	0.01	0.1%
NC_1338	20	4429	1.97	1.87	0.28	1.88	1.89	1.78	1.88	1.85	1.26	1.20	0.68	1.89	0.01	0.7%
NC_1339	20	4433	1.08	1.07	0.08	1.07	0.73	1.03	1.08	1.07	0.87	0.83	0.51	1.08	0.01	1.3%
NC_1340	20	4371	0.64	0.59	0.11	0.60	0.63	0.60	0.59	0.59	0.41	0.38	0.21	0.63	0.03	5.7%
NC_1341	20	4433	1.59	1.54	0.17	1.55	1.37	1.50	1.56	1.55	1.14	1.09	0.66	1.56	0.01	0.5%
NC_1342	20	4433	0.84	0.83	0.09	0.83	0.64	0.79	0.84	0.83	0.62	0.60	0.36	0.84	0.01	1.4%
NC_1343	20	4433	3.09	3.00	0.30	3.00	2.66	2.83	3.07	3.00	2.21	2.13	1.27	3.07	0.07	2.2%
NC_1344	20	4429	0.98	0.93	0.14	0.94	0.87	0.93	0.94	0.94	0.67	0.62	0.36	0.94	0.00	-0.5%
NC_1345	20	4429	0.53	0.51	0.08	0.51	0.46	0.50	0.51	0.51	0.36	0.33	0.19	0.51	0.00	-0.2%
NC_1346	20	4433	0.62	0.58	0.10	0.58	0.58	0.58	0.58	0.58	0.41	0.38	0.21	0.58	0.00	0.5%
NC_1347	20	4433	3.33	3.16	0.42	3.19	2.95	3.03	3.25	3.19	2.24	2.12	1.22	3.25	0.06	2.0%
NC_1348	10	4357	0.63	0.64	0.07	0.65	0.65	0.58	0.57	0.58	0.40	0.37	0.20	0.65	-0.01	-0.8%
NC_1349	20	4429	1.97	1.87	0.27	1.88	1.93	1.77	1.88	1.85	1.24	1.18	0.68	1.93	0.05	2.8%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_1350	20	4428	10.66	10.50	1.00	10.53	9.33	8.99	10.69	10.10	7.31	7.12	4.02	10.69	0.16	1.6%
NC_1351	20	4429	1.36	1.27	0.21	1.28	1.36	1.22	1.28	1.26	0.85	0.80	0.46	1.36	0.08	6.0%
NC_1352	10	4364	0.79	0.80	0.08	0.81	0.81	0.73	0.72	0.73	0.50	0.47	0.26	0.81	0.00	-0.2%
NC_1353	20	4371	0.68	0.63	0.12	0.63	0.69	0.63	0.62	0.63	0.43	0.40	0.22	0.69	0.06	8.7%
NC_1354	20	4429	2.00	1.91	0.27	1.92	1.95	1.80	1.92	1.89	1.27	1.21	0.70	1.95	0.03	1.3%
NC_1355	20	4429	1.30	1.21	0.20	1.22	1.31	1.17	1.22	1.21	0.82	0.77	0.43	1.31	0.09	7.0%
NC_1356	20	4399	11.16	11.07	0.99	11.16	9.55	9.31	11.20	10.62	7.78	7.57	4.29	11.20	0.04	0.4%
NC_1357	10	4364	0.45	0.45	0.05	0.45	0.45	0.40	0.38	0.39	0.27	0.25	0.13	0.45	0.00	0.9%
NC_1358	20	4367	2.77	2.69	0.29	2.69	2.59	2.39	2.75	2.65	1.78	1.75	0.99	2.75	0.06	2.3%
NC_1359	10	4364	0.74	0.75	0.08	0.75	0.75	0.68	0.67	0.67	0.46	0.43	0.24	0.75	0.00	0.1%
NC_1360	20	4429	1.33	1.24	0.21	1.25	1.34	1.20	1.25	1.23	0.84	0.79	0.44	1.34	0.09	7.4%
NC_1361	60	4405	6.43	6.41	1.02	6.43	1.95	3.11	3.16	3.15	6.99	6.66	4.15	6.99	0.56	8.7%
NC_1362	20	4429	3.23	3.14	0.36	3.19	3.06	2.77	3.19	3.06	2.10	2.03	1.16	3.19	0.00	0.0%
NC_1363	20	4429	2.68	2.56	0.35	2.59	2.61	2.38	2.59	2.53	1.71	1.64	0.94	2.61	0.02	0.8%
NC_1364	10	4364	1.12	1.13	0.10	1.14	1.14	1.00	1.03	1.02	0.69	0.65	0.36	1.14	0.00	-0.3%
NC_1365	20	4399	7.18	7.03	0.72	7.04	6.63	6.01	7.17	6.79	4.73	4.62	2.60	7.17	0.13	1.9%
NC_1366	20	4429	4.39	4.27	0.50	4.33	4.14	3.74	4.33	4.15	2.84	2.75	1.57	4.33	0.00	0.0%
NC_1367	20	4429	2.09	2.00	0.27	2.03	2.06	1.82	2.03	1.97	1.32	1.27	0.72	2.06	0.03	1.5%
NC_1368	25	4460	3.38	3.36	0.22	3.37	2.59	3.20	3.31	3.30	2.87	2.68	1.75	3.31	-0.06	-1.8%
NC_1369	10	4357	0.66	0.66	0.07	0.67	0.67	0.60	0.58	0.59	0.41	0.38	0.20	0.67	0.00	0.0%
NC_1370	20	4429	1.51	1.43	0.22	1.44	1.49	1.37	1.44	1.42	0.96	0.91	0.52	1.49	0.05	3.5%
NC_1371	90	4395	34.34	34.93	3.33	35.05	8.71	18.44	18.51	18.52	35.05	35.05	29.36	35.05	0.00	0.0%
NC_1372	20	4429	1.59	1.51	0.22	1.52	1.56	1.42	1.52	1.49	1.02	0.96	0.55	1.56	0.04	2.8%
NC_1373	60	4558	27.79	27.58	1.09	27.59	6.69	15.64	15.71	15.72	27.08	27.46	22.71	27.46	-0.13	-0.5%
NC_1374	10	4364	0.45	0.45	0.05	0.45	0.45	0.40	0.39	0.39	0.27	0.25	0.14	0.45	0.00	0.7%
NC_1375	20	4429	0.93	0.87	0.15	0.87	0.91	0.86	0.87	0.87	0.60	0.56	0.31	0.91	0.04	4.6%
NC_1376	20	4429	1.79	1.70	0.25	1.71	1.78	1.61	1.71	1.68	1.14	1.08	0.62	1.78	0.07	3.9%
NC_1377	20	4433	0.78	0.75	0.11	0.76	0.65	0.74	0.76	0.76	0.55	0.51	0.30	0.76	0.00	-0.3%
NC_1378	20	4433	0.62	0.58	0.10	0.58	0.57	0.58	0.58	0.58	0.41	0.38	0.21	0.58	0.00	0.5%
NC_1379	20	4399	2.90	2.89	0.21	2.90	2.30	2.66	2.92	2.85	2.30	2.19	1.34	2.92	0.02	0.6%
NC_1380	20	4429	3.20	3.10	0.35	3.14	3.04	2.78	3.14	3.04	2.13	2.04	1.18	3.14	0.00	0.1%
NC_1381	20	4433	0.68	0.65	0.10	0.65	0.62	0.64	0.65	0.65	0.46	0.42	0.24	0.65	0.00	-0.3%
NC_1382	20	4371	0.95	0.87	0.16	0.88	0.96	0.88	0.87	0.87	0.60	0.56	0.31	0.96	0.08	8.6%
NC_1383	20	4399	1.90	1.85	0.18	1.86	1.67	1.69	1.89	1.84	1.26	1.24	0.71	1.89	0.03	1.8%
NC_1384	20	4429	1.33	1.24	0.20	1.25	1.32	1.20	1.25	1.24	0.84	0.79	0.45	1.32	0.07	5.5%
NC_1385	10	4364	0.78	0.78	0.08	0.78	0.78	0.67	0.66	0.66	0.46	0.42	0.23	0.78	0.00	0.4%
NC_1386	60	4558	21.45	21.29	1.63	21.31	8.89	15.02	15.38	15.38	20.36	20.34	15.48	20.36	-0.95	-4.4%
NC_1387	20	4399	2.03	2.00	0.17	2.01	1.72	1.88	2.02	2.00	1.46	1.40	0.86	2.02	0.01	0.6%
NC_1388	30	4498	2.53	2.51	0.19	2.54	1.56	2.24	2.37	2.35	2.15	2.05	1.32	2.37	-0.17	-6.8%
NC_1389	20	4371	0.64	0.60	0.11	0.60	0.63	0.60	0.59	0.60	0.42	0.38	0.21	0.63	0.03	5.2%
NC_1390	20	4429	2.43	2.30	0.34	2.33	2.43	2.17	2.33	2.28	1.53	1.46	0.83	2.43	0.09	4.1%
NC_1391	20	4371	0.76	0.70	0.13	0.70	0.77	0.70	0.70	0.70	0.48	0.45	0.25	0.77	0.07	9.7%
NC_1392	20	4429	1.14	1.06	0.18	1.06	1.16	1.03	1.06	1.06	0.71	0.67	0.38	1.16	0.10	9.2%
NC_1393	60	4558	29.99	29.72	2.35	29.75	13.70	21.95	22.61	22.60	28.59	28.46	21.67	28.59	-1.16	-3.9%
NC_1394	45	4528	7.83	7.80	0.48	8.05	4.79	6.62	7.16	7.09	7.17	7.02	5.05	7.17	-0.88	-10.9%
NC_1395	45	4528	7.80	7.75	0.55	7.96	5.04	6.74	7.35	7.26	7.24	6.93	4.94	7.35	-0.61	-7.7%
NC_1396	20	4428	1.79	1.79	0.11	1.79	1.28	1.63	1.81	1.77	1.36	1.31	0.78	1.81	0.02	1.1%
NC_1397	10	4364	0.83	0.84	0.09	0.84	0.84	0.75	0.74	0.74	0.51	0.47	0.26	0.84	0.00	0.2%
NC_1398	20	4404	2.02	2.00	0.17	2.00	1.79	1.77	2.03	1.97	1.30	1.29	0.73	2.03	0.03	1.3%
NC_1399	10	4364	0.73	0.73	0.08	0.74	0.74	0.66	0.64	0.65	0.45	0.41	0.23	0.74	0.00	-0.4%
NC_1400	20	4371	0.69	0.64	0.12	0.64	0.70	0.64	0.63	0.64	0.44	0.41	0.23	0.70	0.05	8.6%
NC_1401	10	4364	1.03	1.04	0.06	1.04	1.04	0.84	0.94	0.91	0.60	0.58	0.33	1.04	0.00	0.4%
NC_1402	10	4365	0.05	0.05	0.00	0.05	0.04	0.05	0.03	0.04	0.03	0.02	0.01	0.05	0.00	-8.0%
NC_1403	20	4433	1.10	1.06	0.12	1.07	0.98	1.02	1.08	1.07	0.74	0.71	0.42	1.08	0.01	0.7%
NC_1404	20	4429	1.72	1.66	0.19	1.68	1.64	1.55	1.68	1.65	1.14	1.09	0.63	1.68	0.00	0.0%
NC_1405	20	4429	2.20	2.20	0.10	2.21	1.57	2.07	2.21	2.20	1.53	1.48	0.90	2.21	0.00	0.0%
NC_1406	10	4354	0.06	0.05	0.00	0.06	0.05	0.05	0.04	0.05	0.03	0.03	0.01	0.05	-0.01	-13.3%
NC_1407	20	4371	0.24	0.22	0.05	0.23	0.24	0.23	0.22	0.22	0.15	0.14	0.08	0.24	0.01	4.8%
NC_1408	20	4429	1.82	1.73	0.25	1.75	1.79	1.64	1.75	1.72	1.16	1.10	0.63	1.79	0.04	2.3%
NC_1409	20	4433	0.98	0.91	0.16	0.91	0.97	0.91	0.90	0.91	0.63	0.58	0.33	0.97	0.06	6.5%
NC_1410	10	4357	0.75	0.76	0.08	0.76	0.76	0.66	0.65	0.65	0.45	0.42	0.23	0.76	0.00	0.3%
NC_1411	10	4364	1.55	1.56	0.15	1.57	1.57	1.39	1.41	1.41	0.96	0.90	0.50	1.57	0.00	-0.1%
NC_1412	20	4428	1.87	1.84	0.16	1.86	1.64	1.58	1.88	1.81	1.21	1.19	0.67	1.88	0.02	1.2%
NC_1413	10	4357	0.33	0.33	0.04	0.34	0.34	0.30	0.28	0.28	0.20	0.18	0.10	0.34	-0.01	-1.5%
NC_1414	10	4364	0.80	0.80	0.08	0.81	0.81	0.69	0.67	0.68	0.47	0.43	0.23	0.81	0.00	-0.1%
NC_1415	20	4429	4.28	4.29	0.25	4.32	3.47	3.76	4.32	4.22	2.93	2.85	1.69	4.32	0.00	-0.1%
NC_1416	20	4429	2.02	1.96	0.21	1.98	1.96	1.78	1.98	1.93	1.34	1.28	0.74	1.98	0.00	0.2%
NC_1417	20	4428	3.05	3.03	0.21	3.07	2.63	2.67	3.07	2.99	2.06	2.01	1.18	3.07	0.00	0.1%
NC_1418	10	4364	0.83	0.82	0.08	0.83	0.83	0.71	0.67	0.70	0.47	0.43	0.23	0.83	0.00	-0.5%
NC_1419	25	4461	4.31	4.28	0.28	4.30	3.21	3.80	4.27	4.22	3.04	3.01	1.80	4.27	-0.03	-0.7%
NC_1420	20	4429	8.70	8.71	0.48	8.76	6.90	7.74	8.76	8.57	6.10	5.93	3.55	8.76	0.00	-0.1%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_1421	60	4558	51.98	51.21	2.14	51.25	21.78	35.30	35.89	35.92	48.45	48.05	41.31	48.45	-2.81	-5.5%
NC_1422	10	4364	1.67	1.67	0.14	1.68	1.68	1.38	1.37	1.39	0.90	0.85	0.48	1.68	0.00	-0.2%
NC_1423	15	4401	5.24	5.04	0.56	5.05	5.20	4.42	5.08	4.87	3.30	3.18	1.81	5.20	0.15	2.9%
NC_1424	20	4433	0.56	0.53	0.09	0.53	0.51	0.53	0.53	0.53	0.37	0.35	0.20	0.53	0.00	0.8%
NC_1425	60	4558	37.71	37.21	2.05	37.24	15.70	25.80	26.36	26.37	35.63	35.31	29.13	35.63	-1.61	-4.3%
NC_1426	20	4429	2.08	2.00	0.26	2.02	2.00	1.84	2.02	1.97	1.31	1.27	0.73	2.02	0.00	0.2%
NC_1427	10	4364	4.04	4.06	0.18	4.08	4.08	3.26	3.69	3.56	2.33	2.26	1.28	4.08	0.00	-0.1%
NC_1428	10	4364	2.03	2.03	0.16	2.05	2.05	1.65	1.70	1.68	1.10	1.05	0.59	2.05	0.00	-0.1%
NC_1429	10	4364	1.54	1.54	0.14	1.55	1.55	1.31	1.28	1.30	0.87	0.81	0.44	1.55	0.00	-0.1%
NC_1430	10	4364	1.63	1.64	0.16	1.65	1.65	1.40	1.41	1.41	0.95	0.89	0.49	1.65	0.00	0.1%
NC_1431	10	4364	1.86	1.87	0.15	1.88	1.88	1.54	1.56	1.55	1.02	0.97	0.54	1.88	0.00	-0.1%
NC_1432	10	4364	2.75	2.77	0.17	2.78	2.78	2.32	2.55	2.49	1.64	1.57	0.89	2.78	0.00	0.0%
NC_1433	15	4401	9.92	9.75	0.76	9.85	9.50	7.97	9.59	9.08	6.02	5.93	3.33	9.59	-0.26	-2.6%
NC_1434	15	4401	16.53	16.40	1.05	16.54	15.01	13.45	16.37	15.66	10.66	10.50	5.91	16.37	-0.17	-1.0%
NC_1435	20	4428	3.45	3.43	0.26	3.47	2.97	2.97	3.48	3.37	2.26	2.22	1.26	3.48	0.01	0.3%
NC_1436	20	4433	0.92	0.86	0.14	0.86	0.87	0.86	0.86	0.86	0.61	0.56	0.32	0.87	0.01	1.2%
NC_1437	10	4364	0.77	0.78	0.08	0.78	0.78	0.68	0.67	0.68	0.46	0.43	0.23	0.78	0.00	0.4%
NC_1438	10	4364	1.68	1.69	0.16	1.70	1.70	1.45	1.46	1.47	0.99	0.93	0.51	1.70	0.00	0.0%
NC_1439	20	4433	0.53	0.50	0.08	0.51	0.43	0.50	0.51	0.51	0.36	0.34	0.20	0.51	0.00	0.4%
NC_1440	10	4364	2.38	2.40	0.15	2.41	2.41	2.03	2.23	2.17	1.45	1.38	0.78	2.41	0.00	-0.1%
NC_1441	10	4364	0.74	0.74	0.08	0.74	0.74	0.64	0.62	0.63	0.43	0.40	0.22	0.74	0.00	0.5%
NC_1442	10	4364	1.34	1.35	0.12	1.36	1.36	1.17	1.20	1.20	0.81	0.76	0.42	1.36	0.00	-0.1%
NC_1443	20	4429	14.85	14.89	1.26	14.89	12.85	12.23	14.89	14.22	9.93	9.79	5.53	14.89	0.00	0.0%
NC_1444	10	4364	0.72	0.72	0.07	0.72	0.72	0.62	0.61	0.61	0.42	0.39	0.21	0.72	0.00	0.6%
NC_1445	10	4364	0.77	0.78	0.08	0.78	0.78	0.68	0.67	0.67	0.46	0.43	0.23	0.78	0.00	0.3%
NC_1446	20	4429	6.98	6.95	0.54	7.01	5.94	5.89	7.01	6.73	5.03	4.88	2.86	7.01	0.00	-0.1%
NC_1447	10	4357	0.70	0.71	0.07	0.71	0.71	0.62	0.60	0.61	0.42	0.39	0.21	0.71	0.00	0.3%
NC_1448	60	4558	44.19	43.06	2.83	43.22	14.66	28.65	29.28	29.24	39.62	42.34	30.30	42.34	-0.88	-2.0%
NC_1449	10	4364	2.12	2.13	0.16	2.14	2.14	1.82	1.92	1.90	1.25	1.19	0.67	2.14	0.00	0.1%
NC_1450	10	4364	0.90	0.90	0.09	0.91	0.91	0.78	0.76	0.77	0.53	0.49	0.27	0.91	-0.01	-0.5%
NC_1451	10	4364	0.89	0.90	0.09	0.90	0.90	0.81	0.80	0.80	0.55	0.51	0.28	0.90	0.00	0.3%
NC_1452	10	4364	0.81	0.82	0.09	0.82	0.82	0.73	0.72	0.73	0.50	0.47	0.26	0.82	0.00	0.4%
NC_1453	10	4364	0.75	0.75	0.08	0.76	0.76	0.66	0.65	0.66	0.45	0.42	0.23	0.76	0.00	-0.1%
NC_1454	10	4364	2.15	2.16	0.16	2.18	2.18	1.87	1.98	1.95	1.29	1.23	0.70	2.18	0.00	-0.1%
NC_1455	25	4464	2.32	2.31	0.14	2.32	1.43	2.13	2.22	2.21	2.01	1.87	1.22	2.22	-0.10	-4.3%
NC_1456	20	4371	0.64	0.60	0.11	0.60	0.62	0.60	0.59	0.60	0.41	0.38	0.21	0.62	0.02	2.8%
NC_1457	20	4433	0.77	0.76	0.09	0.76	0.57	0.74	0.77	0.76	0.57	0.55	0.33	0.77	0.01	1.3%
NC_1458	10	4364	1.46	1.47	0.14	1.48	1.48	1.33	1.34	1.34	0.92	0.85	0.48	1.48	0.00	-0.1%
NC_1459	20	4433	0.57	0.54	0.08	0.55	0.48	0.54	0.55	0.55	0.39	0.36	0.21	0.55	0.00	-0.2%
NC_1460	25	4394	1.89	1.89	0.12	1.89	1.23	1.72	1.84	1.82	1.54	1.46	0.91	1.84	-0.05	-2.9%
NC_1461	25	4460	2.39	2.40	0.19	2.41	1.83	2.25	2.39	2.37	1.92	1.83	1.14	2.39	-0.02	-0.8%
NC_1462	20	4399	2.70	2.68	0.18	2.69	2.14	2.51	2.70	2.66	2.16	2.05	1.27	2.70	0.01	0.4%
NC_1463	20	4399	7.60	7.44	0.63	7.47	6.56	6.98	7.54	7.38	5.58	5.30	3.28	7.54	0.07	1.0%
NC_1464	10	4364	0.71	0.72	0.08	0.72	0.72	0.65	0.64	0.64	0.44	0.41	0.22	0.72	0.00	0.3%
NC_1465	20	4429	12.28	12.27	0.90	12.38	10.01	10.45	12.38	11.90	9.01	8.73	5.17	12.38	0.00	0.0%
NC_1466	10	4364	0.74	0.75	0.08	0.75	0.75	0.67	0.65	0.66	0.45	0.42	0.23	0.75	0.00	0.5%
NC_1467	10	4364	0.67	0.68	0.07	0.69	0.69	0.61	0.60	0.60	0.42	0.39	0.21	0.69	0.00	-0.7%
NC_1468	10	4364	0.72	0.73	0.08	0.73	0.73	0.66	0.65	0.65	0.45	0.42	0.23	0.73	0.00	0.3%
NC_1469	10	4364	1.67	1.68	0.13	1.69	1.69	1.46	1.54	1.51	1.01	0.96	0.54	1.69	0.00	-0.1%
NC_1470	10	4364	0.73	0.74	0.08	0.75	0.75	0.66	0.65	0.66	0.45	0.42	0.23	0.75	0.00	-0.5%
NC_1471	10	4364	1.76	1.77	0.14	1.78	1.78	1.55	1.63	1.61	1.07	1.01	0.58	1.78	0.00	0.0%
NC_1472	10	4364	0.67	0.68	0.07	0.68	0.68	0.61	0.59	0.60	0.41	0.38	0.21	0.68	0.00	0.4%
NC_1473	10	4364	0.70	0.70	0.07	0.71	0.71	0.62	0.60	0.61	0.42	0.39	0.21	0.71	0.00	-0.4%
NC_1474	10	4364	0.73	0.74	0.08	0.74	0.74	0.65	0.63	0.64	0.44	0.41	0.22	0.74	0.00	0.3%
NC_1475	20	4433	1.15	1.06	0.19	1.06	1.16	1.06	1.06	1.06	0.73	0.68	0.38	1.16	0.10	9.4%
NC_1476	10	4364	0.46	0.46	0.05	0.46	0.46	0.40	0.38	0.39	0.27	0.25	0.13	0.46	0.00	0.2%
NC_1477	20	4429	1.31	1.22	0.20	1.23	1.32	1.17	1.23	1.21	0.81	0.77	0.44	1.32	0.09	7.2%
NC_1478	720	4785	17.71	16.84	3.58	17.42	7.30	10.59	10.60	10.60	16.37	16.55	17.45	17.45	0.03	0.1%
NC_1479	25	4460	1.66	1.66	0.15	1.67	1.08	1.58	1.65	1.63	1.45	1.35	0.89	1.65	-0.02	-1.4%
NC_1480	25	4461	4.62	4.69	0.28	4.70	2.43	4.02	4.35	4.26	4.09	3.86	2.48	4.35	-0.35	-7.4%
NC_1481	30	4498	5.49	5.41	0.54	5.48	2.81	4.69	5.07	4.98	4.79	4.62	2.93	5.07	-0.41	-7.5%
NC_1482	25	4394	15.83	16.08	1.05	16.19	9.73	13.74	15.18	14.87	12.63	12.58	7.60	15.18	-1.02	-6.3%
NC_1483	25	4461	3.00	3.06	0.28	3.08	1.96	2.60	3.01	2.90	2.34	2.26	1.33	3.01	-0.08	-2.4%
NC_1484	20	4433	0.76	0.74	0.09	0.75	0.55	0.72	0.76	0.75	0.57	0.55	0.33	0.76	0.01	1.1%
NC_1485	20	4433	1.23	1.18	0.16	1.19	1.05	1.17	1.20	1.19	0.88	0.82	0.50	1.20	0.01	0.4%
NC_1486	20	4433	0.74	0.72	0.08	0.73	0.52	0.70	0.74	0.73	0.55	0.53	0.32	0.74	0.01	0.8%
NC_1487	25	4461	6.24	6.15	0.36	6.18	4.27	5.39	6.03	5.96	4.42	4.52	2.65	6.03	-0.15	-2.4%
NC_1488	25	4394	3.71	3.74	0.19	3.75	2.51	3.39	3.60	3.59	3.01	2.87	1.84	3.60	-0.15	-4.0%
NC_1489	60	4558	21.96	21.70	1.85	21.70	6.71	14.57	14.75	14.74	20.68	20.93	15.27	20.93	-0.77	-3.6%
NC_1490	20	4433	1.04	1.02	0.11	1.02	0.73	0.99	1.03	1.02	0.82	0.78	0.48	1.03	0.01	1.4%
NC_1491	20	4428	5.30	5.29	0.49	5.29	4.77	4.39	5.30	5.01	3.54	3.45	1.95	5.30	0.01	0.2%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_1492	15	4401	15.45	15.46	0.84	15.61	14.13	12.13	15.12	14.42	9.47	9.35	5.24	15.12	-0.49	-3.1%
NC_1493	60	4559	23.02	22.79	1.97	23.24	16.75	20.35	22.52	22.09	24.88	23.40	17.82	24.88	1.64	7.0%
NC_1494	20	4429	1.77	1.66	0.26	1.68	1.80	1.59	1.68	1.65	1.10	1.04	0.60	1.80	0.12	6.8%
NC_1495	10	4364	1.50	1.50	0.14	1.51	1.51	1.28	1.24	1.27	0.84	0.79	0.43	1.51	0.00	-0.1%
NC_1496	10	4364	1.97	1.98	0.15	1.99	1.99	1.70	1.81	1.78	1.18	1.12	0.64	1.99	0.00	0.0%
NC_1497	15	4401	3.03	2.88	0.35	2.89	3.04	2.58	2.90	2.81	1.84	1.79	1.02	3.04	0.15	5.1%
NC_1498	20	4371	0.51	0.48	0.09	0.48	0.49	0.48	0.48	0.48	0.33	0.31	0.17	0.49	0.01	1.9%
NC_1499	20	4371	0.64	0.59	0.11	0.59	0.65	0.59	0.58	0.59	0.41	0.38	0.21	0.65	0.06	10.5%
NC_1500	20	4399	5.03	4.88	0.51	4.90	4.52	4.32	5.01	4.80	3.37	3.27	1.86	5.01	0.11	2.2%
NC_1501	90	4532	39.26	39.71	1.84	39.89	17.22	24.79	26.20	25.99	39.52	38.81	35.68	39.52	-0.37	-0.9%
NC_1502	10	4364	0.58	0.58	0.06	0.59	0.59	0.51	0.49	0.50	0.34	0.32	0.17	0.59	0.00	-0.7%
NC_1503	20	4429	2.92	2.80	0.36	2.84	2.84	2.58	2.84	2.77	1.85	1.79	1.02	2.84	0.00	0.1%
NC_1504	20	4371	0.52	0.48	0.09	0.49	0.52	0.49	0.47	0.48	0.33	0.31	0.17	0.52	0.03	6.1%
NC_1505	10	4364	0.31	0.31	0.03	0.31	0.31	0.27	0.25	0.26	0.18	0.17	0.09	0.31	0.00	0.0%
NC_1506	20	4429	2.26	2.14	0.31	2.16	2.26	2.02	2.16	2.13	1.45	1.37	0.78	2.26	0.09	4.4%
NC_1507	20	4429	2.37	2.26	0.31	2.28	2.34	2.13	2.28	2.24	1.50	1.43	0.82	2.34	0.06	2.8%
NC_1508	20	4433	1.01	0.94	0.17	0.94	1.01	0.93	0.93	0.94	0.65	0.60	0.34	1.01	0.06	6.9%
NC_1509	20	4429	1.60	1.51	0.24	1.51	1.55	1.49	1.51	1.51	1.06	0.98	0.56	1.55	0.04	2.5%
NC_1510	20	4429	4.09	4.00	0.43	4.06	3.79	3.49	4.06	3.89	2.72	2.63	1.50	4.06	0.00	-0.1%
NC_1511	10	4364	0.87	0.88	0.09	0.89	0.89	0.79	0.77	0.78	0.54	0.50	0.27	0.89	0.00	-0.2%
NC_1512	20	4429	1.67	1.57	0.24	1.58	1.70	1.49	1.58	1.56	1.04	0.99	0.56	1.70	0.12	7.3%
NC_1513	20	4429	2.02	1.94	0.26	1.95	1.95	1.82	1.95	1.92	1.30	1.24	0.71	1.95	0.00	0.2%
NC_1514	20	4433	1.03	0.96	0.17	0.96	1.02	0.96	0.96	0.96	0.67	0.62	0.35	1.02	0.06	6.0%
NC_1515	20	4433	1.08	1.00	0.18	1.00	1.08	0.99	0.99	1.00	0.69	0.64	0.36	1.08	0.08	7.7%
NC_1516	20	4433	1.37	1.27	0.22	1.27	1.37	1.26	1.27	1.27	0.88	0.81	0.46	1.37	0.10	8.0%
NC_1517	20	4429	2.00	1.89	0.28	1.91	2.00	1.79	1.91	1.88	1.27	1.20	0.69	2.00	0.09	4.5%
NC_1518	20	4371	0.71	0.66	0.12	0.66	0.70	0.66	0.65	0.66	0.46	0.42	0.23	0.70	0.04	6.1%
NC_1519	20	4429	1.40	1.33	0.20	1.34	1.35	1.27	1.34	1.32	0.90	0.85	0.49	1.35	0.01	0.7%
NC_1520	45	4528	9.38	9.32	0.68	9.70	4.49	7.96	8.41	8.36	7.95	7.96	5.00	8.41	-1.29	-13.3%
NC_1521	20	4429	3.41	3.27	0.42	3.31	3.28	3.04	3.31	3.23	2.23	2.12	1.22	3.31	0.00	-0.2%
NC_1522	20	4429	4.99	4.79	0.59	4.86	4.86	4.30	4.86	4.70	3.22	3.08	1.76	4.86	0.00	0.0%
NC_1523	20	4404	4.28	4.19	0.44	4.23	3.96	3.65	4.25	4.03	2.86	2.77	1.57	4.25	0.02	0.4%
NC_1524	20	4429	1.77	1.65	0.27	1.65	1.78	1.63	1.65	1.65	1.14	1.06	0.60	1.78	0.13	7.6%
NC_1525	25	4394	9.54	9.68	0.53	9.68	4.95	8.41	9.00	8.91	8.09	7.81	4.88	9.00	-0.68	-7.1%
NC_1526	25	4466	4.70	4.69	0.17	4.70	3.89	4.36	4.64	4.61	3.75	3.73	2.33	4.64	-0.06	-1.3%
NC_1527	10	4357	1.14	1.15	0.10	1.16	1.16	0.95	0.99	0.98	0.65	0.62	0.34	1.16	0.00	-0.2%
NC_1528	10	4364	0.78	0.78	0.08	0.79	0.79	0.66	0.66	0.66	0.45	0.42	0.23	0.79	0.00	-0.3%
NC_1529	10	4357	0.54	0.55	0.06	0.55	0.55	0.50	0.49	0.49	0.34	0.31	0.17	0.55	0.00	0.4%
NC_1530	45	4528	33.46	33.28	2.34	34.72	10.83	25.61	26.78	26.62	28.07	29.30	18.00	29.30	-5.42	-15.6%
NC_1531	10	4364	0.49	0.49	0.06	0.49	0.49	0.45	0.44	0.44	0.31	0.28	0.15	0.49	0.00	0.8%
NC_1532	720	4443	19.79	17.55	8.16	18.11	8.45	11.39	11.45	11.45	17.94	16.54	17.04	17.94	-0.17	-0.9%
NC_1533	720	4787	19.37	17.38	6.90	17.59	7.52	10.95	10.98	10.98	17.18	17.16	17.63	17.63	0.04	0.2%
NC_1534	25	4466	5.27	5.33	0.31	5.36	3.51	4.64	5.11	5.04	4.06	3.96	2.42	5.11	-0.25	-4.6%
NC_1535	20	4429	7.17	7.14	0.54	7.21	6.01	6.15	7.21	6.93	4.99	4.86	2.81	7.21	0.00	0.0%
NC_1536	10	4364	0.72	0.73	0.08	0.73	0.73	0.65	0.64	0.64	0.44	0.41	0.22	0.73	0.00	0.5%
NC_1537	25	4466	3.42	3.48	0.25	3.49	2.43	2.98	3.39	3.33	2.54	2.48	1.48	3.39	-0.10	-2.8%
NC_1538	10	4364	1.59	1.59	0.15	1.60	1.60	1.34	1.33	1.34	0.90	0.84	0.46	1.60	0.00	0.0%

ARR2019 Results for 0.2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4399	4429	4433	4532	4617	4653		m^3/s	%
NC_1	120	4617	267.93	267.89	14.22	269.95	86.38	150.76	150.36	150.43	255.33	269.95	276.48	276.48	6.53	2.4%
NC_2	25	4464	1.29	1.29	0.11	1.29	0.80	1.26	1.28	1.26	0.77	1.03	0.62	1.28	-0.01	-1.0%
NC_3	20	4429	0.65	0.62	0.10	0.62	0.58	0.60	0.62	0.62	0.30	0.38	0.23	0.62	0.00	0.3%
NC_4	30	4498	1.67	1.66	0.13	1.67	0.83	1.52	1.52	1.51	1.09	1.44	0.87	1.52	-0.15	-9.0%
NC_5	20	4404	9.07	8.88	0.90	8.90	8.46	8.86	9.02	8.59	4.18	5.52	3.32	9.02	0.12	1.4%
NC_6	10	4364	1.95	1.96	0.15	1.98	1.98	1.74	1.81	1.79	0.82	1.02	0.64	1.98	0.00	-0.2%
NC_7	20	4433	1.58	1.47	0.25	1.47	1.60	1.41	1.47	1.47	0.69	0.84	0.52	1.60	0.13	8.9%
NC_8	20	4433	0.92	0.90	0.11	0.91	0.69	0.90	0.92	0.91	0.49	0.64	0.39	0.92	0.01	0.9%
NC_9	20	4399	2.75	2.70	0.24	2.72	2.42	2.72	2.74	2.69	1.30	1.70	1.02	2.74	0.02	0.7%
NC_10	45	4534	8.91	8.84	0.46	8.90	4.77	7.72	7.63	7.60	6.13	7.66	4.88	7.72	-1.18	-13.3%
NC_11	20	4429	5.33	5.18	0.56	5.25	5.05	5.11	5.25	5.07	2.47	3.22	1.94	5.25	0.00	0.0%
NC_12	20	4433	1.11	1.04	0.17	1.04	1.06	1.00	1.04	1.04	0.50	0.62	0.38	1.06	0.02	1.7%
NC_13	20	4433	0.74	0.71	0.10	0.72	0.62	0.70	0.73	0.72	0.36	0.47	0.28	0.73	0.01	0.8%
NC_14	20	4429	2.17	2.04	0.31	2.06	2.18	1.98	2.06	2.02	0.94	1.18	0.73	2.18	0.12	6.0%
NC_15	30	4498	2.32	2.30	0.21	2.33	1.24	2.17	2.16	2.14	1.47	1.95	1.17	2.17	-0.17	-7.1%
NC_16	20	4371	0.92	0.85	0.15	0.85	0.92	0.81	0.85	0.85	0.40	0.48	0.30	0.92	0.07	8.0%
NC_17	20	4433	0.73	0.70	0.10	0.71	0.58	0.70	0.72	0.71	0.36	0.47	0.28	0.72	0.01	1.0%
NC_18	20	4433	2.40	2.30	0.26	2.31	2.20	2.29	2.35	2.31	1.17	1.52	0.92	2.35	0.04	1.7%
NC_19	25	4460	1.21	1.22	0.11	1.22	0.78	1.20	1.21	1.20	0.71	0.95	0.57	1.21	-0.01	-0.8%
NC_20	20	4433	0.71	0.70	0.09	0.70	0.55	0.69	0.71	0.70	0.36	0.48	0.29	0.71	0.01	1.4%
NC_21	45	4534	10.87	10.82	0.56	10.93	5.73	9.26	9.16	9.15	7.63	9.40	6.04	9.40	-1.53	-14.0%
NC_22	20	4429	0.88	0.84	0.13	0.84	0.79	0.81	0.84	0.84	0.41	0.52	0.31	0.84	0.00	-0.2%
NC_23	30	4498	4.01	3.97	0.34	4.03	2.07	3.64	3.64	3.60	2.62	3.42	2.08	3.64	-0.39	-9.6%
NC_24	20	4399	1.99	1.97	0.15	1.98	1.43	1.98	2.00	1.96	1.07	1.43	0.86	2.00	0.02	1.1%
NC_25	20	4433	1.26	1.17	0.21	1.17	1.27	1.12	1.17	1.17	0.54	0.67	0.42	1.27	0.10	8.8%
NC_26	20	4433	0.79	0.75	0.11	0.76	0.68	0.74	0.76	0.76	0.38	0.48	0.29	0.76	0.00	0.1%
NC_27	10	4364	1.13	1.13	0.11	1.14	1.14	0.96	0.97	0.98	0.44	0.61	0.34	1.14	0.00	0.4%
NC_28	20	4433	1.52	1.47	0.17	1.48	1.32	1.45	1.49	1.48	0.77	1.00	0.60	1.49	0.01	0.5%
NC_29	20	4433	1.47	1.36	0.23	1.36	1.48	1.30	1.36	1.36	0.63	0.78	0.48	1.48	0.12	8.9%
NC_30	45	4534	14.96	15.09	0.84	15.39	6.45	11.42	11.36	11.33	11.90	14.03	9.43	14.03	-1.36	-8.8%
NC_31	20	4433	0.73	0.70	0.10	0.71	0.59	0.69	0.72	0.71	0.36	0.47	0.28	0.72	0.01	0.7%
NC_32	20	4399	2.58	2.55	0.21	2.56	1.78	2.56	2.60	2.55	1.44	1.92	1.15	2.60	0.04	1.5%
NC_33	20	4433	0.76	0.74	0.10	0.74	0.61	0.73	0.75	0.74	0.38	0.49	0.30	0.75	0.01	1.1%
NC_34	45	4528	20.82	20.97	1.43	21.45	9.42	16.67	16.59	16.54	16.02	19.27	12.70	19.27	-2.18	-10.2%
NC_35	20	4433	1.17	1.12	0.15	1.14	0.99	1.10	1.14	1.14	0.59	0.75	0.46	1.14	0.00	-0.2%
NC_36	20	4399	4.59	4.58	0.33	4.61	3.31	4.61	4.63	4.49	2.58	3.44	2.06	4.63	0.02	0.4%
NC_37	20	4433	0.94	0.87	0.15	0.87	0.93	0.83	0.87	0.87	0.41	0.50	0.31	0.93	0.06	6.6%
NC_38	10	4364	1.15	1.15	0.12	1.16	1.16	0.97	1.00	1.00	0.46	0.62	0.35	1.16	0.00	0.2%
NC_39	20	4433	0.91	0.87	0.12	0.88	0.78	0.85	0.88	0.88	0.44	0.56	0.34	0.88	0.00	-0.3%
NC_40	45	4528	20.82	20.95	1.24	21.49	9.25	16.41	16.35	16.28	16.16	19.40	12.93	19.40	-2.09	-9.7%
NC_41	20	4433	1.70	1.63	0.19	1.64	1.56	1.62	1.66	1.64	0.79	1.02	0.61	1.66	0.02	1.0%
NC_42	20	4399	1.42	1.40	0.13	1.40	1.15	1.40	1.42	1.39	0.71	0.95	0.57	1.42	0.02	1.6%
NC_43	20	4429	1.88	1.79	0.26	1.81	1.82	1.74	1.81	1.78	0.84	1.06	0.65	1.82	0.01	0.6%
NC_44	20	4371	0.93	0.86	0.16	0.86	0.94	0.81	0.85	0.86	0.40	0.48	0.30	0.94	0.08	9.1%
NC_45	20	4433	1.21	1.12	0.20	1.12	1.23	1.07	1.11	1.12	0.52	0.63	0.40	1.23	0.11	10.0%
NC_46	20	4433	0.82	0.79	0.11	0.80	0.66	0.78	0.81	0.80	0.41	0.54	0.32	0.81	0.01	1.0%
NC_47	10	4364	2.45	2.47	0.18	2.48	2.48	2.19	2.28	2.24	1.02	1.29	0.80	2.48	0.00	0.0%
NC_48	20	4367	2.57	2.47	0.28	2.48	2.42	2.45	2.51	2.47	1.18	1.52	0.92	2.51	0.03	1.3%
NC_49	60	4558	23.72	23.41	1.41	23.44	8.95	12.09	11.92	11.92	21.44	23.44	17.43	23.44	0.00	0.0%
NC_50	20	4433	0.84	0.82	0.11	0.83	0.65	0.81	0.84	0.83	0.44	0.57	0.34	0.84	0.01	0.7%
NC_51	20	4429	2.86	2.76	0.33	2.80	2.74	2.72	2.80	2.72	1.28	1.65	1.01	2.80	0.00	0.0%
NC_52	20	4433	2.51	2.48	0.23	2.48	2.01	2.48	2.51	2.48	1.37	1.81	1.09	2.51	0.03	1.3%
NC_53	20	4399	3.98	3.94	0.34	3.96	2.99	3.96	4.01	3.90	2.17	2.89	1.73	4.01	0.05	1.3%
NC_54	20	4429	1.78	1.67	0.26	1.68	1.76	1.62	1.68	1.66	0.77	0.97	0.60	1.76	0.08	4.6%
NC_55	20	4433	0.88	0.82	0.14	0.82	0.85	0.78	0.82	0.82	0.39	0.48	0.30	0.85	0.03	3.5%
NC_56	10	4364	0.97	0.98	0.10	0.99	0.99	0.83	0.87	0.88	0.40	0.50	0.31	0.99	0.00	-0.2%
NC_57	20	4433	1.35	1.27	0.20	1.27	1.29	1.22	1.27	1.27	0.61	0.77	0.47	1.29	0.02	1.7%
NC_58	60	4558	23.39	23.08	1.32	23.10	8.93	12.01	11.90	11.90	21.31	23.16	17.59	23.16	0.06	0.3%
NC_59	20	4433	1.37	1.26	0.22	1.27	1.37	1.21	1.26	1.27	0.59	0.72	0.45	1.37	0.10	8.2%
NC_60	10	4364	0.95	0.96	0.10	0.97	0.97	0.83	0.87	0.87	0.40	0.49	0.31	0.97	0.00	-0.4%
NC_61	20	4433	1.07	1.02	0.15	1.02	0.99	0.98	1.02	1.02	0.50	0.63	0.38	1.02	0.00	0.3%
NC_62	20	4428	10.74	10.67	0.63	10.70	9.23	10.75	10.75	10.59	5.87	7.73	4.69	10.75	0.05	0.5%
NC_63	10	4364	1.02	1.02	0.11	1.03	1.03	0.87	0.91	0.92	0.42	0.53	0.32	1.03	0.00	0.3%
NC_64	20	4428	3.00	2.99	0.19	3.02	2.28	3.03	3.03	2.97	1.55	2.09	1.25	3.03	0.01	0.4%
NC_65	10	4364	1.44	1.45	0.14	1.46	1.46	1.22	1.25	1.25	0.57	0.78	0.43	1.46	0.00	-0.2%
NC_66	10	4364	1.07	1.08	0.11	1.09	1.09	0.90	0.95	0.95	0.43	0.56	0.33	1.09	0.00	-0.4%
NC_67	20	4428	3.60	3.60	0.22	3.63	2.77	3.64	3.64	3.57	2.01	2.69	1.62	3.64	0.01	0.2%
NC_68	10	4364	1.08	1.08	0.11	1.09	1.09	0.92	0.92	0.93	0.42	0.58	0.32	1.09	0.00	-0.1%
NC_69	25	4461	3.87	3.91	0.20	3.92	2.52	3.81	3.74	3.72	2.32	3.07	1.86	3.81	-0.11	-2.9%
NC_70	20	4371	0.94	0.87	0.16	0.87	0.95	0.82	0.86	0.87	0.40	0.49	0.31	0.95	0.08	9.5%
NC_71	20	4371	0.92	0.85	0.15	0.85	0.92	0.81	0.85	0.85	0.39	0.48	0.30	0.92	0.07	8.1%
NC_72	20	4371	0.97	0.89	0.16	0.89	0.98	0.85	0.89	0.89	0.41	0.50	0.31	0.98	0.09	9.7%

ARR2019 Results for 0.2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4399	4429	4433	4532	4617	4653		m^3/s	%
NC_73	20	4433	2.12	2.07	0.21	2.07	1.88	2.06	2.10	2.07	1.04	1.36	0.82	2.10	0.03	1.3%
NC_74	20	4429	0.78	0.74	0.11	0.75	0.68	0.73	0.75	0.75	0.37	0.47	0.28	0.75	0.00	0.1%
NC_75	20	4429	12.77	12.68	0.73	12.77	10.79	12.82	12.77	12.51	6.88	9.07	5.50	12.82	0.05	0.4%
NC_76	20	4429	3.00	2.91	0.34	2.95	2.84	2.87	2.95	2.85	1.34	1.74	1.06	2.95	0.00	0.0%
NC_77	20	4399	3.75	3.74	0.26	3.74	3.07	3.74	3.76	3.68	2.13	2.83	1.70	3.76	0.02	0.5%
NC_78	20	4429	1.03	0.96	0.16	0.96	1.02	0.92	0.96	0.95	0.44	0.54	0.34	1.02	0.06	6.7%
NC_79	20	4433	1.23	1.13	0.20	1.14	1.24	1.08	1.13	1.14	0.53	0.64	0.40	1.24	0.10	8.9%
NC_80	20	4399	2.60	2.56	0.24	2.56	2.04	2.56	2.61	2.56	1.40	1.86	1.12	2.61	0.05	1.8%
NC_81	20	4399	1.79	1.75	0.18	1.75	1.57	1.75	1.77	1.74	0.84	1.10	0.66	1.77	0.02	1.4%
NC_82	20	4429	5.06	5.08	0.28	5.11	3.77	5.16	5.11	5.00	2.70	3.66	2.17	5.16	0.04	0.9%
NC_83	10	4364	1.26	1.26	0.12	1.27	1.27	1.08	1.06	1.07	0.48	0.70	0.37	1.27	0.00	-0.1%
NC_84	20	4433	1.21	1.12	0.19	1.13	1.19	1.08	1.12	1.13	0.53	0.65	0.40	1.19	0.06	5.6%
NC_85	20	4433	0.86	0.81	0.13	0.81	0.79	0.78	0.81	0.81	0.39	0.49	0.30	0.81	0.00	0.4%
NC_86	15	4401	5.13	4.94	0.51	4.99	5.02	4.85	4.97	4.76	2.16	2.83	1.74	5.02	0.03	0.6%
NC_87	10	4364	1.58	1.59	0.16	1.60	1.60	1.33	1.37	1.38	0.63	0.86	0.48	1.60	0.00	-0.1%
NC_88	20	4367	4.21	4.03	0.50	4.05	3.73	4.01	4.14	4.00	1.96	2.54	1.53	4.14	0.09	2.3%
NC_89	20	4433	0.69	0.68	0.09	0.68	0.54	0.67	0.69	0.68	0.35	0.46	0.27	0.69	0.01	1.2%
NC_90	20	4399	7.22	7.15	0.58	7.16	6.28	7.16	7.22	6.94	3.73	4.95	2.97	7.22	0.06	0.8%
NC_91	20	4371	0.93	0.86	0.16	0.86	0.93	0.82	0.85	0.86	0.40	0.49	0.30	0.93	0.07	7.7%
NC_92	20	4433	0.89	0.83	0.14	0.84	0.84	0.80	0.83	0.84	0.40	0.49	0.30	0.84	0.00	-0.2%
NC_93	20	4433	1.61	1.57	0.18	1.59	1.31	1.56	1.60	1.59	0.86	1.12	0.68	1.60	0.01	0.4%
NC_94	20	4429	2.11	1.99	0.30	2.00	2.11	1.93	2.00	1.97	0.91	1.15	0.71	2.11	0.11	5.5%
NC_95	20	4429	1.84	1.73	0.27	1.75	1.84	1.68	1.75	1.72	0.80	1.00	0.62	1.84	0.09	5.1%
NC_96	20	4399	2.80	2.73	0.27	2.74	2.45	2.74	2.78	2.72	1.32	1.73	1.03	2.78	0.04	1.5%
NC_97	20	4433	0.94	0.88	0.16	0.88	0.94	0.84	0.87	0.88	0.41	0.50	0.31	0.94	0.06	6.5%
NC_98	20	4399	2.93	2.85	0.28	2.85	2.66	2.85	2.90	2.84	1.41	1.84	1.11	2.90	0.05	1.7%
NC_99	15	4401	6.20	5.97	0.59	6.03	6.01	6.00	6.13	5.90	2.73	3.59	2.18	6.13	0.10	1.7%
NC_100	20	4433	1.09	1.02	0.17	1.02	1.05	0.98	1.02	1.02	0.49	0.60	0.37	1.05	0.03	2.9%
NC_101	20	4429	2.65	2.51	0.37	2.53	2.60	2.43	2.53	2.49	1.16	1.46	0.90	2.60	0.07	2.8%
NC_102	60	4558	23.19	22.84	1.15	22.87	8.92	11.99	11.91	11.91	21.43	23.05	18.39	23.05	0.18	0.8%
NC_103	10	4364	0.99	1.00	0.10	1.01	1.01	0.86	0.90	0.91	0.42	0.51	0.32	1.01	0.00	0.0%
NC_104	20	4433	0.76	0.73	0.10	0.74	0.64	0.72	0.74	0.74	0.37	0.47	0.29	0.74	0.00	0.0%
NC_105	20	4367	8.40	8.14	0.96	8.23	7.62	8.05	8.30	7.94	3.85	5.02	3.03	8.30	0.07	0.8%
NC_106	10	4364	0.96	0.97	0.10	0.98	0.98	0.83	0.87	0.87	0.40	0.49	0.30	0.98	-0.01	-0.5%
NC_107	20	4433	1.45	1.41	0.16	1.42	1.22	1.41	1.44	1.42	0.73	0.95	0.57	1.44	0.02	1.2%
NC_108	20	4433	1.16	1.08	0.18	1.08	1.13	1.04	1.08	1.08	0.51	0.63	0.39	1.13	0.05	4.5%
NC_109	15	4401	11.94	11.86	0.78	11.98	10.90	11.92	11.90	11.30	5.29	7.11	4.24	11.92	-0.06	-0.5%
NC_110	10	4364	1.03	1.04	0.11	1.05	1.05	0.88	0.92	0.93	0.43	0.54	0.32	1.05	0.00	-0.1%
NC_111	10	4364	1.04	1.05	0.11	1.06	1.06	0.89	0.89	0.90	0.41	0.57	0.31	1.06	0.00	-0.4%
NC_112	25	4460	1.28	1.28	0.11	1.28	0.81	1.26	1.27	1.26	0.76	1.02	0.61	1.27	-0.01	-0.6%
NC_113	10	4364	1.34	1.35	0.13	1.36	1.36	1.16	1.21	1.21	0.56	0.70	0.43	1.36	0.00	0.3%
NC_114	20	4433	1.08	1.00	0.18	1.00	1.08	0.95	0.99	1.00	0.47	0.57	0.35	1.08	0.08	7.8%
NC_115	20	4433	0.73	0.70	0.10	0.71	0.60	0.70	0.72	0.71	0.36	0.47	0.28	0.72	0.01	1.0%
NC_116	20	4429	3.57	3.45	0.41	3.51	3.46	3.40	3.51	3.38	1.58	2.04	1.25	3.51	0.00	-0.1%
NC_117	20	4429	1.93	1.81	0.28	1.82	1.95	1.75	1.82	1.79	0.83	1.03	0.64	1.95	0.13	7.0%
NC_118	20	4433	0.82	0.79	0.11	0.80	0.68	0.78	0.80	0.80	0.41	0.52	0.31	0.80	0.00	0.5%
NC_119	20	4404	9.13	8.97	0.93	8.99	8.13	8.95	9.13	8.59	4.24	5.61	3.36	9.13	0.14	1.5%
NC_120	20	4429	1.82	1.74	0.25	1.74	1.69	1.68	1.74	1.74	0.87	1.10	0.67	1.74	0.00	-0.1%
NC_121	30	4498	1.64	1.63	0.13	1.65	0.83	1.50	1.50	1.49	1.07	1.41	0.85	1.50	-0.15	-9.0%
NC_122	20	4371	0.95	0.87	0.16	0.87	0.96	0.83	0.87	0.87	0.40	0.49	0.31	0.96	0.09	10.1%
NC_123	20	4428	2.15	2.14	0.14	2.15	1.54	2.16	2.18	2.12	1.14	1.54	0.92	2.18	0.02	1.2%
NC_124	20	4429	30.36	30.33	2.00	30.44	25.13	30.91	30.44	29.52	15.38	20.50	12.34	30.91	0.47	1.5%
NC_125	10	4364	1.11	1.10	0.11	1.11	1.11	0.95	0.93	0.93	0.42	0.61	0.32	1.11	0.00	0.4%
NC_126	20	4429	1.73	1.67	0.19	1.68	1.64	1.64	1.68	1.66	0.78	0.99	0.60	1.68	0.00	-0.1%
NC_127	20	4433	1.09	1.02	0.18	1.02	1.09	0.97	1.02	1.02	0.48	0.59	0.36	1.09	0.06	6.4%
NC_128	10	4364	1.94	1.95	0.15	1.96	1.96	1.74	1.81	1.79	0.82	1.02	0.64	1.96	0.00	-0.1%
NC_129	25	4460	5.01	5.05	0.40	5.11	3.28	4.90	4.94	4.84	3.00	3.99	2.40	4.94	-0.17	-3.3%
NC_130	20	4371	1.02	0.94	0.17	0.94	1.03	0.90	0.94	0.94	0.44	0.53	0.33	1.03	0.09	9.7%
NC_131	30	4498	2.22	2.21	0.19	2.22	1.17	2.06	2.06	2.04	1.43	1.88	1.14	2.06	-0.16	-7.0%
NC_132	20	4433	0.90	0.84	0.15	0.84	0.89	0.80	0.83	0.84	0.39	0.48	0.30	0.89	0.05	6.1%
NC_133	20	4429	2.90	2.79	0.34	2.83	2.82	2.75	2.83	2.75	1.28	1.65	1.01	2.83	0.00	0.1%
NC_134	10	4364	1.05	1.06	0.11	1.07	1.07	0.91	0.96	0.96	0.44	0.54	0.34	1.07	0.00	0.0%
NC_135	30	4498	1.64	1.63	0.14	1.64	0.84	1.50	1.49	1.48	1.06	1.40	0.84	1.50	-0.14	-8.8%
NC_136	10	4357	1.00	1.01	0.11	1.02	1.02	0.84	0.88	0.89	0.40	0.53	0.31	1.02	0.00	-0.3%
NC_137	20	4433	0.73	0.70	0.10	0.71	0.59	0.69	0.71	0.71	0.36	0.46	0.28	0.71	0.00	0.1%
NC_138	20	4429	12.52	12.47	0.96	12.57	10.53	12.64	12.57	12.06	6.40	8.57	5.12	12.64	0.07	0.5%
NC_139	25	4460	1.28	1.28	0.11	1.29	0.81	1.26	1.28	1.26	0.75	1.01	0.60	1.28	-0.01	-1.1%
NC_140	20	4429	1.98	1.85	0.29	1.87	1.99	1.79	1.87	1.84	0.85	1.06	0.66	1.99	0.12	6.4%
NC_141	10	4364	1.03	1.04	0.11	1.05	1.05	0.88	0.89	0.90	0.41	0.56	0.31	1.05	0.00	-0.4%
NC_142	10	4364	2.09	2.10	0.17	2.12	2.12	1.78	1.82	1.80	0.80	1.12	0.63	2.12	0.00	-0.1%
NC_143	20	4433	0.75	0.72	0.10	0.73	0.62	0.71	0.73	0.73	0.37	0.47	0.28	0.73	0.00	0.1%
NC_144	20	4371	0.94	0.87	0.16	0.87	0.94	0.83	0.86	0.87	0.40	0.49	0.31	0.94	0.07	8.3%

PEAK DESIGN FLOOD DISCHARGES - 20% AEP (ARR1987)

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1	37.76	54.04	68.77	81.98	93.05	119.38	139.72	162.35	179.08	**184.82**	181.01	184.67	180.69	146.28	134.49	171.50	148.34	166.88	177.03	124.58
NC_2	0.31	0.45	0.55	0.61	0.62	0.66	0.75	0.80	**0.83**	0.65	0.60	0.53	0.45	0.47	0.33	0.31	0.24	0.24	0.25	0.17
NC_3	0.25	0.31	0.35	0.42	0.39	0.32	0.40	**0.45**	0.39	0.29	0.25	0.20	0.17	0.17	0.12	0.11	0.08	0.09	0.09	0.06
NC_4	0.31	0.50	0.67	0.77	0.80	0.89	1.01	1.01	**1.07**	0.82	0.86	0.74	0.62	0.66	0.47	0.45	0.34	0.35	0.36	0.24
NC_5	4.29	5.02	5.58	**6.05**	5.68	5.06	5.67	5.94	5.86	4.26	3.66	2.91	2.50	2.54	1.72	1.66	1.26	1.29	1.31	0.92
NC_6	1.00	1.19	1.19	**1.40**	1.31	1.07	1.25	1.32	1.17	0.83	0.72	0.54	0.46	0.46	0.31	0.30	0.23	0.24	0.24	0.17
NC_7	0.80	1.00	0.94	**1.15**	1.07	0.85	1.03	1.10	0.97	0.68	0.59	0.44	0.38	0.38	0.26	0.25	0.19	0.20	0.20	0.14
NC_8	0.28	0.35	0.45	0.50	0.47	0.43	0.53	**0.61**	0.59	0.45	0.39	0.33	0.28	0.29	0.20	0.19	0.14	0.15	0.15	0.10
NC_9	1.22	1.36	1.61	1.76	1.65	1.48	1.68	**1.82**	1.74	1.32	1.11	0.90	0.78	0.79	0.54	0.52	0.39	0.40	0.41	0.29
NC_10	2.12	3.01	3.74	4.30	4.62	5.13	5.66	5.66	**5.74**	4.57	4.84	4.10	3.57	3.61	2.76	2.69	2.07	2.13	2.16	1.50
NC_11	2.56	2.95	3.25	**3.58**	3.36	2.93	3.32	3.54	3.39	2.48	2.14	1.69	1.46	1.48	1.01	0.97	0.74	0.76	0.77	0.54
NC_12	0.50	0.63	0.63	0.76	0.71	0.57	0.71	**0.77**	0.67	0.49	0.42	0.33	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_13	0.26	0.31	0.38	0.45	0.41	0.35	0.45	**0.51**	0.46	0.35	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_14	1.10	1.30	1.33	**1.55**	1.45	1.19	1.39	1.48	1.32	0.95	0.82	0.62	0.54	0.54	0.36	0.35	0.27	0.27	0.28	0.19
NC_15	0.47	0.75	0.98	1.11	1.15	1.24	1.43	1.44	**1.52**	1.16	1.16	1.00	0.85	0.89	0.63	0.61	0.46	0.47	0.48	0.32
NC_16	0.45	0.56	0.53	**0.66**	0.61	0.48	0.60	0.64	0.57	0.39	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_17	0.24	0.28	0.37	0.42	0.39	0.34	0.43	**0.49**	0.46	0.34	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_18	1.08	1.26	1.38	1.57	1.46	1.25	1.47	**1.62**	1.51	1.13	0.98	0.80	0.68	0.70	0.48	0.46	0.35	0.36	0.36	0.25
NC_19	0.30	0.43	0.52	0.57	0.58	0.62	0.70	0.77	**0.78**	0.61	0.56	0.49	0.42	0.43	0.30	0.29	0.22	0.22	0.23	0.15
NC_20	0.22	0.27	0.35	0.40	0.37	0.33	0.41	**0.48**	0.45	0.34	0.30	0.25	0.21	0.21	0.15	0.14	0.10	0.11	0.11	0.07
NC_21	2.59	3.65	4.53	5.20	5.60	6.25	6.86	6.85	**6.92**	5.54	5.92	5.03	4.38	4.44	3.42	3.33	2.58	2.65	2.69	1.87
NC_22	0.35	0.44	0.47	0.57	0.53	0.43	0.55	**0.61**	0.53	0.39	0.34	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.08
NC_23	0.78	1.25	1.63	1.90	1.98	2.17	2.47	2.49	**2.62**	2.01	2.07	1.76	1.51	1.57	1.12	1.08	0.82	0.84	0.85	0.58
NC_24	0.62	0.80	0.96	1.04	0.97	0.99	1.15	1.28	**1.29**	0.99	0.87	0.75	0.64	0.65	0.45	0.43	0.33	0.34	0.34	0.23
NC_25	0.63	0.79	0.74	**0.92**	0.85	0.67	0.82	0.88	0.78	0.54	0.47	0.35	0.30	0.30	0.21	0.20	0.15	0.15	0.16	0.11
NC_26	0.29	0.36	0.41	0.49	0.45	0.38	0.48	**0.54**	0.48	0.36	0.31	0.25	0.21	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_27	0.59	0.74	0.69	**0.82**	0.76	0.62	0.72	0.75	0.68	0.44	0.38	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.13	0.09
NC_28	0.63	0.75	0.82	0.95	0.89	0.75	0.92	**1.03**	0.95	0.72	0.63	0.52	0.45	0.46	0.31	0.30	0.23	0.24	0.24	0.17
NC_29	0.74	0.92	0.87	**1.06**	0.99	0.78	0.96	1.02	0.90	0.63	0.54	0.41	0.35	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_30	2.59	3.97	5.15	6.13	6.81	8.09	8.96	8.96	**9.09**	7.45	8.38	7.31	6.54	6.77	5.13	5.07	3.97	4.08	4.15	2.84
NC_31	0.24	0.29	0.37	0.43	0.40	0.34	0.43	**0.49**	0.45	0.34	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_32	0.72	0.99	1.20	1.33	1.24	1.28	1.48	1.67	**1.68**	1.29	1.15	0.99	0.85	0.88	0.60	0.58	0.43	0.45	0.45	0.31
NC_33	0.25	0.30	0.38	0.45	0.41	0.36	0.45	**0.51**	0.48	0.36	0.31	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_34	3.74	5.79	7.52	8.88	9.72	11.26	12.44	12.46	**12.71**	10.06	11.53	9.94	8.81	9.17	6.92	6.80	5.28	5.43	5.51	3.76
NC_35	0.44	0.53	0.61	0.72	0.67	0.56	0.71	**0.80**	0.72	0.54	0.48	0.39	0.33	0.34	0.23	0.22	0.17	0.17	0.18	0.12
NC_36	1.39	1.94	2.31	2.53	2.39	2.34	2.79	3.00	**3.06**	2.31	2.09	1.79	1.52	1.58	1.09	1.05	0.79	0.81	0.82	0.56
NC_37	0.45	0.56	0.54	**0.67**	0.62	0.49	0.61	0.66	0.58	0.40	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_38	0.59	0.75	0.70	**0.84**	0.78	0.62	0.73	0.77	0.69	0.46	0.39	0.29	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_39	0.34	0.42	0.48	0.57	0.52	0.44	0.55	**0.62**	0.56	0.42	0.36	0.29	0.25	0.25	0.17	0.17	0.12	0.13	0.13	0.09
NC_40	3.65	5.67	7.38	8.75	9.63	11.31	12.53	12.54	**12.79**	10.21	11.57	10.10	8.98	9.14	6.98	6.89	5.40	5.55	5.63	3.85
NC_41	0.77	0.90	0.98	1.13	1.05	0.90	1.06	**1.15**	1.05	0.79	0.67	0.54	0.46	0.47	0.32	0.31	0.23	0.24	0.24	0.17
NC_42	0.53	0.62	0.76	0.83	0.77	0.70	0.83	**0.93**	0.91	0.69	0.60	0.50	0.42	0.43	0.30	0.28	0.22	0.22	0.22	0.15
NC_43	0.89	1.05	1.11	**1.30**	1.21	1.00	1.19	1.28	1.15	0.84	0.72	0.56	0.48	0.48	0.33	0.31	0.24	0.24	0.25	0.17
NC_44	0.46	0.58	0.54	**0.68**	0.63	0.49	0.61	0.65	0.58	0.39	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_45	0.61	0.77	0.72	**0.89**	0.82	0.64	0.79	0.85	0.75	0.51	0.44	0.33	0.29	0.29	0.19	0.19	0.14	0.15	0.15	0.10
NC_46	0.27	0.33	0.41	0.48	0.44	0.38	0.49	**0.56**	0.51	0.39	0.34	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.08
NC_47	1.27	1.50	1.51	**1.76**	1.65	1.35	1.56	1.64	1.46	1.05	0.90	0.68	0.58	0.58	0.40	0.38	0.29	0.30	0.30	0.21
NC_48	1.22	1.40	1.54	**1.73**	1.62	1.39	1.60	1.73	1.60	1.19	1.02	0.80	0.69	0.70	0.48	0.46	0.35	0.36	0.36	0.25
NC_49	5.26	6.84	7.96	8.67	9.22	10.50	11.17	11.52	**11.69**	11.07	10.80	10.81	10.25	9.44	8.08	8.68	9.87	9.02	10.76	6.13
NC_50	0.26	0.32	0.41	0.47	0.44	0.39	0.49	**0.57**	0.53	0.40	0.35	0.29	0.25	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_51	1.36	1.55	1.73	**1.94**	1.81	1.57	1.78	1.91	1.80	1.31	1.12	0.87	0.75	0.75	0.51	0.49	0.37	0.38	0.39	0.27
NC_52	0.95	1.10	1.30	1.46	1.36	1.23	1.45	**1.66**	1.62	1.24	1.09	0.94	0.81	0.83	0.57	0.55	0.42	0.43	0.44	0.30
NC_53	1.28	1.68	2.01	2.21	2.06	1.96	2.35	2.60	**2.61**	1.98	1.76	1.50	1.28	1.32	0.91	0.87	0.66	0.68	0.69	0.47
NC_54	0.87	1.04	1.06	**1.25**	1.17	0.96	1.14	1.22	1.08	0.78	0.67	0.51	0.44	0.44	0.30	0.29	0.22	0.22	0.23	0.16
NC_55	0.40	0.51	0.50	**0.61**	0.57	0.45	0.56	**0.61**	0.54	0.38	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_56	0.49	0.62	0.58	**0.71**	0.66	0.51	0.63	0.67	0.60	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_57	0.62	0.77	0.77	0.93	0.86	0.69	0.86	**0.94**	0.81	0.60	0.52	0.40	0.35	0.35	0.24	0.23	0.17	0.18	0.18	0.12
NC_58	5.23	6.80	7.94	8.65	9.19	10.47	11.16	11.57	**11.74**	11.16	10.89	10.89	10.31	9.45	8.11	8.77	9.92	9.10	10.88	6.21
NC_59	0.68	0.85	0.81	**0.99**	0.92	0.72	0.89	0.95	0.84	0.59	0.51	0.38	0.33	0.33	0.22	0.22	0.16	0.17	0.17	0.12
NC_60	0.48	0.60	0.56	**0.70**	0.65	0.50	0.62	0.66	0.59	0.40	0.34	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_61	0.45	0.56	0.59	0.71	0.66	0.54	0.67	**0.74**	0.65	0.48	0.42	0.33	0.28	0.29	0.19	0.19	0.14	0.14	0.15	0.10
NC_62	5.01	5.84	6.60	6.97	6.63	6.22	6.95	**7.31**	7.23	5.70	4.90	4.21	3.64	3.71	2.60	2.49	1.90	1.95	2.01	1.46
NC_63	0.52	0.65	0.60	**0.74**	0.69	0.54	0.66	0.70	0.63	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_64	1.09	1.38	1.59	1.70	1.61	1.53	1.80	1.92	**1.94**	1.49	1.29	1.10	0.94	0.96	0.66	0.64	0.49	0.50	0.50	0.35
NC_65	0.75	0.94	0.88	**1.05**	0.97	0.78	0.92	0.96	0.86	0.57	0.49	0.36	0.31	0.31	0.21	0.20	0.16	0.16	0.16	0.11
NC_66	0.55	0.69	0.64	**0.78**	0.73	0.57	0.69	0.73	0.65	0.43	0.37	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_67	1.36	1.65	1.92	2.04	1.93	1.86	2.16	2.31	**2.35**	1.82	1.62	1.41	1.21	1.24	0.87	0.84	0.64	0.66	0.66	0.46
NC_68	0.56	0.71	0.66	**0.78**	0.73	0.58	0.68	0.72	0.65	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_69	1.22	1.64	1.91	2.06	2.06	2.13	2.39	2.41	**2.50**	1.95	1.87	1.62	1.38	1.43	1.02	0.99	0.76	0.78	0.79	0.55
NC_70	0.47	0.59	0.55	**0.69**	0.64	0.50	0.62	0.66	0.58	0.40	0.34	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_71	0.45	0.56	0.53	**0.66**	0.61	0.48	0.60	0.64	0.57	0.39	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_72	0.48	0.61	0.57	**0.70**	0.65	0.51	0.63	0.68	0.60	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_73	0.93	1.07	1.21	1.36	1.27	1.11	1.30	**1.43**	1.34	1.01	0.87	0.72	0.61	0.62	0.43	0.41	0.32	0.32	0.33	0.23
NC_74	0.30	0.36	0.41	0.49	0.45	0.38	0.48	**0.54**	0.47	0.36	0.31	0.25	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_75	5.70	6.89	7.74	8.21	7.81	7.35	8.25	**8.60**	8.53	6.67	5.78	4.93	4.26	4.34	3.04	2.92	2.23	2.28	2.34	1.70
NC_76	1.41	1.64	1.82	**2.03**	1.90	1.65	1.88	2.00	1.90	1.38	1.18	0.92	0.79	0.80	0.54	0.52	0.39	0.40	0.41	0.29
NC_77	1.52	1.80	2.06	2.23	2.10	1.93	2.27	2.47	**2.47**	1.89	1.71	1.52	1.30	1.33	0.92	0.88	0.67	0.69	0.70	0.49
NC_78	0.49	0.60	0.61	**0.73**	0.68	0.55	0.66	0.71	0.63	0.44	0.38	0.28	0.25	0.25	0.17	0.16	0.12	0.12	0.13	0.09
NC_79	0.62	0.77	0.73	**0.89**	0.83	0.65	0.80	0.86	0.76	0.52	0.45	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_80	0.92	1.08	1.34	1.47	1.36	1.25	1.50	**1.70**	1.68	1.28	1.13	0.97	0.83	0.84	0.59	0.56	0.43	0.44	0.44	0.31
NC_81	0.76	0.86	1.03	1.13	1.06	0.94	1.09	**1.19**	1.13	0.85	0.72	0.58	0.50	0.50	0.34	0.33	0.25	0.26	0.26	0.18
NC_82	1.78	2.35	2.70	2.89	2.75	2.70	3.12	3.26	**3.31**	2.56	2.26	1.93	1.65	1.69	1.17	1.13	0.86	0.88	0.90	0.62
NC_83	0.66	0.83	0.78	**0.91**	0.85	0.69	0.79	0.83	0.75	0.48	0.42	0.31	0.26	0.26	0.18	0.17	0.13	0.14	0.14	0.10
NC_84	0.58	0.73	0.70	**0.86**	0.80	0.63	0.78	0.84	0.74	0.52	0.45	0.34	0.30	0.30	0.20	0.19	0.15	0.15	0.15	0.11
NC_85	0.36	0.45	0.47	0.57	0.53	0.43	0.54	**0.59**	0.51	0.38	0.33	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_86	2.59	2.97	3.27	**3.56**	3.34	2.94	3.21	3.32	3.20	2.30	1.96	1.49	1.29	1.29	0.87	0.84	0.64	0.66	0.66	0.47
NC_87	0.83	1.03	0.96	**1.15**	1.07	0.86	1.00	1.05	0.94	0.63	0.54	0.40	0.35	0.35	0.23	0.23	0.17	0.18	0.18	0.13
NC_88	1.75	2.11	2.39	2.70	2.52	2.19	2.61	**2.82**	2.68	1.95	1.68	1.33	1.14	1.16	0.78	0.75	0.57	0.58	0.59	0.41
NC_89	0.22	0.27	0.34	0.39	0.36	0.32	0.40	**0.47**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.10	0.07
NC_90	3.10	3.70	4.20	4.54	4.27	3.87	4.44	**4.74**	4.71	3.52	3.11	2.64	2.28	2.32	1.58	1.52	1.16	1.19	1.20	0.84
NC_91	0.45	0.57	0.54	**0.67**	0.62	0.48	0.60	0.65	0.57	0.39	0.34	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_92	0.39	0.49	0.49	0.61	0.56	0.45	0.56	**0.62**	0.54	0.39	0.34	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.11	0.08
NC_93	0.60	0.71	0.83	0.95	0.88	0.77	0.95	**1.08**	1.02	0.78	0.69	0.59	0.50	0.51	0.35	0.34	0.26	0.27	0.27	0.19
NC_94	1.06	1.25	1.28	**1.50**	1.40	1.15	1.35	1.44	1.28	0.93	0.80	0.60	0.52	0.52	0.35	0.34	0.26	0.27	0.27	0.19
NC_95	0.91	1.09	1.11	**1.31**	1.22	1.00	1.18	1.26	1.12	0.81	0.69	0.52	0.45	0.45	0.31	0.29	0.22	0.23	0.23	0.16
NC_96	1.20	1.35	1.61	1.77	1.65	1.48	1.70	**1.85**	1.77	1.33	1.13	0.91	0.78	0.80	0.54	0.52	0.40	0.41	0.41	0.29
NC_97	0.45	0.57	0.55	**0.68**	0.63	0.49	0.61	0.66	0.58	0.40	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_98	1.33	1.52	1.72	1.90	1.78	1.57	1.80	**1.95**	1.85	1.39	1.19	0.97	0.84	0.85	0.58	0.56	0.43	0.44	0.44	0.31
NC_99	3.07	3.51	3.91	**4.21**	3.96	3.53	3.87	4.02	3.94	2.87	2.44	1.90	1.64	1.65	1.12	1.07	0.82	0.84	0.85	0.60
NC_100	0.50	0.63	0.62	**0.76**	0.70	0.56	0.70	0.76	0.66	0.47	0.41	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_101	1.28	1.51	1.59	**1.85**	1.72	1.43	1.68	1.80	1.63	1.17	1.01	0.77	0.66	0.67	0.45	0.43	0.33	0.34	0.34	0.24
NC_102	5.21	6.78	7.94	8.65	9.20	10.49	11.21	11.86	**12.09**	11.62	11.38	11.29	10.67	9.65	8.31	9.22	10.17	9.48	11.42	6.59
NC_103	0.50	0.63	0.59	**0.73**	0.68	0.52	0.65	0.69	0.62	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_104	0.27	0.33	0.39	0.46	0.43	0.36	0.46	**0.52**	0.47	0.35	0.31	0.25	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_105	3.67	4.37	4.92	5.48	5.12	4.49	5.22	**5.59**	5.39	3.89	3.35	2.63	2.27	2.29	1.55	1.48	1.13	1.15	1.17	0.81
NC_106	0.48	0.61	0.57	**0.70**	0.65	0.51	0.63	0.67	0.59	0.40	0.34	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_107	0.57	0.67	0.78	0.89	0.82	0.72	0.87	**0.97**	0.92	0.70	0.60	0.50	0.43	0.43	0.30	0.28	0.22	0.22	0.22	0.16
NC_108	0.54	0.68	0.66	**0.81**	0.76	0.60	0.75	0.81	0.71	0.50	0.43	0.33	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.10
NC_109	5.53	6.66	7.42	**7.90**	7.46	6.82	7.46	7.59	7.64	5.61	4.77	3.76	3.25	3.27	2.22	2.13	1.63	1.67	1.69	1.19
NC_110	0.52	0.66	0.61	**0.75**	0.70	0.55	0.67	0.71	0.63	0.42	0.37	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_111	0.54	0.69	0.64	**0.76**	0.71	0.57	0.66	0.70	0.63	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_112	0.31	0.45	0.54	0.60	0.61	0.66	0.74	0.80	**0.83**	0.64	0.60	0.53	0.45	0.46	0.32	0.31	0.23	0.24	0.24	0.17
NC_113	0.69	0.86	0.80	**0.98**	0.91	0.71	0.87	0.92	0.82	0.56	0.48	0.36	0.31	0.31	0.21	0.20	0.15	0.16	0.16	0.11
NC_114	0.53	0.66	0.63	**0.78**	0.72	0.57	0.70	0.75	0.66	0.46	0.40	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_115	0.25	0.30	0.37	0.44	0.40	0.34	0.44	**0.50**	0.45	0.34	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_116	1.73	1.98	2.20	**2.43**	2.27	1.99	2.23	2.37	2.26	1.63	1.40	1.07	0.93	0.93	0.63	0.60	0.46	0.47	0.48	0.33
NC_117	0.98	1.16	1.18	**1.38**	1.29	1.06	1.24	1.32	1.17	0.84	0.72	0.54	0.47	0.47	0.32	0.31	0.23	0.24	0.24	0.17
NC_118	0.29	0.35	0.42	0.50	0.46	0.39	0.50	**0.56**	0.51	0.38	0.33	0.27	0.23	0.24	0.16	0.15	0.12	0.12	0.12	0.08
NC_119	3.91	4.76	5.38	5.88	5.51	4.94	5.69	**6.00**	5.97	4.31	3.72	2.95	2.54	2.57	1.73	1.66	1.26	1.30	1.31	0.91
NC_120	0.80	0.98	1.02	1.22	1.13	0.92	1.14	**1.26**	1.10	0.82	0.72	0.58	0.49	0.50	0.34	0.33	0.25	0.26	0.26	0.18
NC_121	0.31	0.50	0.66	0.76	0.79	0.87	0.99	1.00	**1.06**	0.81	0.84	0.72	0.61	0.64	0.46	0.44	0.34	0.34	0.35	0.24
NC_122	0.47	0.60	0.56	**0.69**	0.64	0.50	0.62	0.66	0.59	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_123	0.67	0.92	1.08	1.17	1.10	1.09	1.28	1.38	**1.40**	1.08	0.95	0.81	0.69	0.70	0.48	0.46	0.35	0.36	0.37	0.25
NC_124	12.61	15.97	18.11	19.27	18.37	17.39	19.50	19.85	**20.01**	15.27	13.27	11.07	9.56	9.75	6.76	6.49	4.96	5.08	5.18	3.70
NC_125	0.58	0.73	0.69	**0.80**	0.74	0.61	0.69	0.73	0.66	0.42	0.37	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_126	0.83	0.97	1.04	**1.18**	1.11	0.95	1.09	1.17	1.06	0.79	0.67	0.53	0.45	0.46	0.31	0.30	0.23	0.23	0.24	0.17
NC_127	0.53	0.66	0.64	**0.78**	0.73	0.57	0.71	0.76	0.67	0.47	0.41	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_128	0.99	1.18	1.18	**1.39**	1.30	1.06	1.25	1.32	1.17	0.84	0.72	0.54	0.47	0.47	0.32	0.30	0.23	0.24	0.24	0.17
NC_129	1.34	1.89	2.28	2.50	2.42	2.59	2.95	3.18	**3.27**	2.52	2.35	2.06	1.76	1.83	1.28	1.23	0.93	0.96	0.97	0.66
NC_130	0.51	0.64	0.60	**0.74**	0.69	0.54	0.67	0.71	0.63	0.43	0.37	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_131	0.43	0.70	0.92	1.03	1.08	1.18	1.35	1.35	**1.43**	1.10	1.12	0.97	0.82	0.87	0.61	0.59	0.45	0.46	0.46	0.32
NC_132	0.43	0.54	0.52	**0.64**	0.60	0.47	0.59	0.63	0.56	0.39	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_133	1.41	1.62	1.78	**1.99**	1.86	1.61	1.82	1.93	1.82	1.32	1.13	0.87	0.75	0.75	0.51	0.49	0.37	0.38	0.39	0.27
NC_134	0.53	0.67	0.62	**0.77**	0.72	0.56	0.69	0.73	0.65	0.44	0.38	0.28	0.24	0.24	0.17	0.16	0.12	0.12	0.13	0.09
NC_135	0.31	0.50	0.67	0.77	0.80	0.88	1.00	1.00	**1.06**	0.81	0.83	0.72	0.61	0.64	0.45	0.44	0.33	0.34	0.34	0.23
NC_136	0.51	0.65	0.60	**0.73**	0.68	0.54	0.65	0.68	0.61	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_137	0.25	0.30	0.37	0.43	0.40	0.34	0.43	**0.49**	0.45	0.34	0.29	0.24	0.20	0.21	0.14	0.14	0.10	0.10	0.11	0.07
NC_138	5.10	6.47	7.29	7.81	7.38	6.85	7.80	8.11	**8.22**	6.12	5.42	4.56	3.93	4.01	2.73	2.63	2.00	2.05	2.08	1.45
NC_139	0.31	0.47	0.56	0.62	0.61	0.66	0.75	0.80	**0.83**	0.65	0.59	0.52	0.44	0.46	0.32	0.31	0.23	0.24	0.24	0.16
NC_140	1.00	1.19	1.20	**1.42**	1.32	1.08	1.27	1.35	1.19	0.86	0.74	0.56	0.48	0.48	0.33	0.31	0.24	0.25	0.25	0.18
NC_141	0.53	0.68	0.63	**0.75**	0.70	0.56	0.66	0.69	0.62	0.41	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.12	0.08
NC_142	1.11	1.33	1.27	**1.50**	1.40	1.13	1.30	1.35	1.21	0.83	0.72	0.53	0.46	0.45	0.31	0.30	0.23	0.23	0.24	0.17
NC_143	0.26	0.31	0.38	0.45	0.41	0.35	0.45	**0.51**	0.46	0.35	0.30	0.25	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_144	0.46	0.58	0.55	**0.68**	0.63	0.49	0.61	0.66	0.58	0.40	0.34	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_145	0.43	0.53	0.55	0.67	0.62	0.50	0.63	**0.70**	0.60	0.45	0.39	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_146	4.07	4.87	5.49	5.95	5.61	5.11	5.90	**6.28**	6.18	4.69	4.13	3.55	3.09	3.17	2.20	2.11	1.62	1.66	1.68	1.18
NC_147	1.17	1.39	1.39	**1.63**	1.52	1.24	1.44	1.52	1.35	0.96	0.83	0.62	0.54	0.54	0.36	0.35	0.27	0.27	0.28	0.19
NC_148	2.06	2.56	2.89	3.07	2.90	2.71	3.04	3.12	**3.17**	2.38	2.01	1.63	1.41	1.42	0.96	0.93	0.71	0.72	0.73	0.52
NC_149	0.57	0.72	0.67	**0.82**	0.76	0.60	0.72	0.77	0.68	0.46	0.39	0.29	0.25	0.25	0.17	0.16	0.13	0.13	0.13	0.09
NC_150	0.50	0.63	0.59	**0.72**	0.67	0.52	0.64	0.67	0.60	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_151	1.01	1.18	1.26	**1.44**	1.34	1.13	1.30	1.38	1.27	0.90	0.78	0.59	0.51	0.51	0.34	0.33	0.25	0.26	0.26	0.18
NC_152	1.86	4.20	6.60	8.64	10.29	14.00	16.37	17.19	**17.80**	15.59	16.18	15.57	14.12	13.36	10.54	10.76	8.71	8.96	9.11	6.68
NC_153	0.24	0.30	0.38	0.43	0.40	0.36	0.45	**0.52**	0.49	0.37	0.33	0.27	0.23	0.24	0.16	0.16	0.12	0.12	0.12	0.08
NC_154	3.49	4.81	5.78	6.32	6.32	6.46	7.26	7.29	**7.47**	5.82	5.33	4.52	3.88	4.00	2.82	2.72	2.07	2.12	2.15	1.51
NC_155	1.74	2.03	2.12	**2.41**	2.25	1.90	2.15	2.25	2.10	1.49	1.28	0.96	0.83	0.83	0.56	0.54	0.41	0.42	0.43	0.30
NC_156	1.68	2.47	3.02	3.33	3.24	3.44	3.95	4.19	**4.34**	3.33	3.14	2.74	2.33	2.43	1.70	1.64	1.24	1.27	1.29	0.88
NC_157	2.22	2.53	2.80	**3.01**	2.83	2.51	2.73	2.83	2.77	1.98	1.69	1.29	1.11	1.12	0.76	0.72	0.55	0.57	0.57	0.40
NC_158	1.82	4.13	6.44	8.45	10.07	13.76	16.15	17.11	**17.78**	15.64	16.08	15.64	14.20	13.40	10.50	10.83	8.82	9.08	9.23	6.76
NC_159	0.55	0.70	0.65	**0.78**	0.73	0.58	0.69	0.73	0.65	0.43	0.37	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_160	0.62	0.78	0.73	**0.90**	0.83	0.65	0.80	0.86	0.76	0.52	0.45	0.34	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.11
NC_161	0.50	0.64	0.59	**0.73**	0.67	0.53	0.64	0.68	0.61	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_162	0.45	0.57	0.54	**0.66**	0.62	0.48	0.60	0.64	0.57	0.39	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_163	0.52	0.66	0.61	**0.75**	0.69	0.54	0.67	0.71	0.63	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.08
NC_164	1.15	1.37	1.40	**1.63**	1.52	1.26	1.47	1.56	1.39	1.01	0.87	0.66	0.57	0.57	0.38	0.37	0.28	0.29	0.29	0.21
NC_165	0.52	0.66	0.61	**0.74**	0.69	0.54	0.65	0.69	0.62	0.41	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_166	0.59	0.73	0.69	**0.84**	0.78	0.62	0.74	0.79	0.70	0.47	0.41	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_167	4.78	5.83	6.55	7.05	6.66	6.12	7.01	**7.37**	7.35	5.54	4.88	4.17	3.62	3.73	2.57	2.48	1.89	1.94	1.97	1.38
NC_168	7.36	9.43	10.72	11.42	10.81	10.15	11.49	11.85	**12.07**	9.05	7.94	6.64	5.72	5.85	3.98	3.82	2.91	2.98	3.02	2.11
NC_169	0.88	1.09	1.02	**1.24**	1.16	0.91	1.10	1.17	1.04	0.72	0.62	0.46	0.40	0.40	0.27	0.26	0.20	0.20	0.21	0.15
NC_170	0.55	0.69	0.66	**0.81**	0.75	0.59	0.74	0.79	0.70	0.49	0.42	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_171	2.50	3.66	4.49	4.96	4.92	5.25	6.03	6.30	**6.55**	5.04	4.86	4.23	3.59	3.81	2.66	2.56	1.94	1.99	2.02	1.38
NC_172	6.02	7.57	8.55	9.16	8.63	7.97	9.04	9.34	**9.53**	6.95	6.04	4.84	4.17	4.24	2.86	2.74	2.09	2.14	2.17	1.51
NC_173	0.90	1.07	1.11	**1.30**	1.21	1.00	1.18	1.27	1.13	0.82	0.71	0.54	0.46	0.47	0.31	0.30	0.23	0.24	0.24	0.17
NC_174	1.69	1.98	2.27	**2.44**	2.29	2.07	2.31	2.42	2.40	1.75	1.49	1.16	1.01	1.01	0.68	0.65	0.50	0.51	0.52	0.36
NC_175	1.61	1.83	2.00	**2.24**	2.09	1.80	2.02	2.14	2.00	1.45	1.24	0.95	0.82	0.82	0.56	0.54	0.41	0.42	0.42	0.30
NC_176	0.97	1.48	1.88	2.19	2.42	2.87	3.09	3.14	**3.22**	2.96	3.03	3.00	2.90	2.83	2.25	2.38	2.06	2.11	2.19	1.58
NC_177	0.58	0.74	0.69	**0.82**	0.76	0.61	0.72	0.76	0.68	0.44	0.38	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.13	0.09
NC_178	1.00	1.20	1.18	**1.39**	1.30	1.05	1.23	1.29	1.15	0.81	0.70	0.52	0.45	0.45	0.30	0.29	0.22	0.23	0.23	0.16
NC_179	0.76	1.02	1.22	1.35	1.42	1.54	1.76	1.77	**1.86**	1.46	1.47	1.28	1.08	1.16	0.81	0.78	0.59	0.60	0.61	0.42
NC_180	0.57	0.72	0.67	**0.82**	0.76	0.60	0.73	0.77	0.69	0.47	0.40	0.30	0.26	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_181	1.00	1.41	1.80	2.12	2.36	2.86	3.22	3.36	**3.51**	3.24	3.19	3.31	3.21	3.12	2.50	2.62	2.30	2.36	2.46	1.77
NC_182	0.64	0.80	0.77	**0.94**	0.87	0.69	0.86	0.92	0.81	0.57	0.49	0.38	0.32	0.33	0.22	0.21	0.16	0.17	0.17	0.12
NC_183	0.52	0.65	0.61	**0.74**	0.68	0.54	0.65	0.69	0.62	0.41	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_184	0.53	0.67	0.62	**0.77**	0.72	0.56	0.69	0.73	0.65	0.44	0.38	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.13	0.09
NC_185	0.94	1.12	1.14	**1.34**	1.25	1.03	1.21	1.29	1.14	0.83	0.71	0.54	0.46	0.47	0.31	0.30	0.23	0.24	0.24	0.17
NC_186	0.25	0.31	0.40	0.45	0.42	0.38	0.47	**0.55**	0.52	0.40	0.35	0.29	0.25	0.25	0.17	0.17	0.12	0.13	0.13	0.09
NC_187	0.52	0.66	0.62	**0.75**	0.69	0.55	0.66	0.70	0.62	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_188	1.23	1.46	1.44	**1.69**	1.58	1.29	1.49	1.56	1.39	0.98	0.85	0.63	0.54	0.54	0.37	0.35	0.27	0.28	0.28	0.20
NC_189	0.28	0.34	0.40	0.47	0.43	0.37	0.46	**0.52**	0.47	0.35	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_190	3.15	4.20	5.09	5.75	6.14	6.61	**7.09**	6.96	7.02	5.84	5.88	5.00	4.29	4.46	3.29	3.18	2.43	2.51	2.59	1.92
NC_191	0.61	0.76	0.71	**0.86**	0.80	0.63	0.77	0.81	0.72	0.49	0.42	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_192	7.87	10.15	11.57	12.32	11.68	11.01	12.46	12.82	**13.08**	9.84	8.62	7.21	6.24	6.37	4.33	4.16	3.17	3.25	3.29	2.30
NC_193	4.74	6.23	7.42	8.28	8.96	10.79	12.02	13.74	14.41	**14.61**	14.12	14.19	13.38	11.71	9.88	12.13	12.13	11.75	14.41	9.02
NC_194	0.49	0.71	0.90	1.02	1.07	1.16	1.33	1.33	**1.41**	1.08	1.11	0.96	0.81	0.86	0.61	0.58	0.44	0.45	0.46	0.31
NC_195	0.60	0.74	0.72	**0.89**	0.82	0.65	0.81	0.87	0.77	0.55	0.47	0.36	0.31	0.31	0.21	0.20	0.16	0.16	0.16	0.11
NC_196	0.38	0.54	0.64	0.70	0.66	0.68	0.79	0.86	**0.88**	0.68	0.60	0.52	0.44	0.45	0.31	0.30	0.23	0.23	0.24	0.16
NC_197	0.36	0.44	0.48	0.58	0.53	0.44	0.55	**0.61**	0.53	0.40	0.34	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.08
NC_198	0.52	0.65	0.61	**0.74**	0.69	0.54	0.66	0.69	0.62	0.41	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_199	1.31	1.52	1.57	**1.80**	1.68	1.41	1.59	1.67	1.53	1.09	0.93	0.70	0.61	0.61	0.41	0.39	0.30	0.31	0.31	0.22
NC_200	2.14	2.44	2.64	**2.96**	2.77	2.37	2.66	2.80	2.60	1.88	1.61	1.22	1.06	1.06	0.72	0.69	0.53	0.54	0.55	0.38
NC_201	0.31	0.40	0.51	0.58	0.53	0.52	0.61	**0.71**	0.69	0.53	0.47	0.40	0.34	0.35	0.24	0.24	0.18	0.18	0.19	0.13
NC_202	1.28	1.46	1.62	**1.81**	1.69	1.46	1.66	1.77	1.66	1.20	1.03	0.79	0.68	0.69	0.46	0.44	0.34	0.35	0.35	0.25
NC_203	0.84	0.96	1.11	1.23	1.15	1.02	1.17	**1.28**	1.20	0.90	0.77	0.62	0.54	0.54	0.37	0.36	0.27	0.28	0.28	0.20
NC_204	0.26	0.30	0.40	0.46	0.42	0.37	0.47	**0.54**	0.50	0.38	0.33	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.08
NC_205	4.89	6.11	6.84	7.34	6.94	6.45	7.38	7.68	**7.72**	5.83	5.15	4.39	3.82	3.95	2.72	2.62	2.00	2.05	2.08	1.46
NC_206	0.38	0.57	0.69	0.76	0.72	0.73	0.86	0.96	**0.97**	0.74	0.65	0.56	0.47	0.49	0.33	0.32	0.24	0.25	0.25	0.17
NC_207	2.43	2.80	3.11	**3.37**	3.17	2.80	3.09	3.21	3.12	2.25	1.92	1.48	1.27	1.28	0.87	0.83	0.63	0.65	0.66	0.46
NC_208	0.49	0.63	0.58	**0.71**	0.66	0.52	0.63	0.67	0.60	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_209	0.21	0.27	0.34	0.39	0.36	0.32	0.40	**0.47**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.11	0.07
NC_210	8.21	10.68	12.24	13.04	12.39	11.76	13.33	13.64	**13.92**	10.52	9.24	7.75	6.71	6.87	4.66	4.48	3.41	3.49	3.54	2.48
NC_211	0.58	0.73	0.68	**0.84**	0.78	0.61	0.75	0.80	0.71	0.48	0.42	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_212	0.21	0.26	0.34	0.39	0.36	0.32	0.40	**0.46**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.10	0.07
NC_213	4.33	6.07	7.46	8.41	8.62	9.04	10.06	9.99	**10.24**	8.04	7.69	6.52	5.59	5.78	4.14	3.99	3.04	3.12	3.16	2.21
NC_214	0.36	0.51	0.63	0.70	0.72	0.79	0.89	0.90	**0.95**	0.73	0.76	0.65	0.56	0.58	0.42	0.41	0.31	0.32	0.33	0.25
NC_215	2.75	3.46	4.01	4.26	4.45	5.48	6.63	6.75	**6.88**	5.31	5.06	4.64	4.30	4.07	3.40	3.48	2.88	2.95	3.00	2.18
NC_216	0.25	0.30	0.37	0.44	0.40	0.35	0.44	**0.50**	0.45	0.34	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.10	0.11	0.07
NC_217	0.28	0.41	0.50	0.56	0.56	0.60	0.68	0.73	**0.76**	0.59	0.54	0.48	0.41	0.42	0.29	0.28	0.21	0.22	0.22	0.15

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_218	2.36	3.24	3.92	4.73	5.39	6.90	7.85	8.01	**8.20**	6.71	6.74	6.14	5.37	4.96	4.08	4.13	3.46	3.55	3.61	2.55
NC_219	0.47	0.66	0.79	0.87	0.84	0.91	1.03	1.14	**1.17**	0.90	0.81	0.71	0.61	0.63	0.43	0.42	0.31	0.32	0.33	0.22
NC_220	1.78	2.02	2.32	**2.51**	2.35	2.10	2.33	2.46	2.41	1.75	1.50	1.16	1.00	1.01	0.68	0.65	0.50	0.51	0.52	0.36
NC_221	0.49	0.61	0.58	**0.71**	0.66	0.52	0.64	0.69	0.61	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.08
NC_222	0.46	0.58	0.55	**0.68**	0.63	0.50	0.62	0.67	0.59	0.41	0.35	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_223	0.63	0.79	0.73	**0.90**	0.83	0.65	0.80	0.84	0.75	0.51	0.44	0.33	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_224	0.50	0.64	0.59	**0.74**	0.68	0.53	0.66	0.70	0.63	0.43	0.37	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_225	3.23	4.48	5.45	6.13	6.36	6.67	7.38	7.32	**7.40**	5.82	5.58	4.63	3.99	4.06	2.95	2.85	2.17	2.22	2.25	1.57
NC_226	2.68	3.17	3.56	**3.80**	3.57	3.23	3.55	3.65	3.65	2.65	2.25	1.75	1.51	1.52	1.03	0.99	0.76	0.77	0.78	0.55
NC_227	1.45	1.69	1.80	2.12	2.37	2.87	3.30	3.49	**3.64**	3.36	3.27	3.48	3.39	3.36	2.66	2.78	2.42	2.48	2.59	1.86
NC_228	0.42	0.53	0.53	0.65	0.60	0.48	0.60	**0.65**	0.57	0.41	0.36	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.08
NC_229	4.70	6.10	7.22	8.10	8.79	10.50	11.52	13.03	13.93	**14.44**	14.10	14.18	13.55	11.62	10.23	12.49	12.37	12.36	14.44	9.76
NC_230	0.27	0.33	0.40	0.47	0.44	0.37	0.47	**0.53**	0.49	0.37	0.32	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.11	0.08
NC_231	0.82	0.97	1.07	1.22	1.14	0.98	1.17	**1.31**	1.21	0.92	0.80	0.67	0.57	0.59	0.40	0.39	0.30	0.30	0.31	0.21
NC_232	8.26	10.80	12.44	13.28	12.64	12.05	13.66	13.92	**14.24**	10.74	9.50	7.97	6.90	7.09	4.81	4.62	3.52	3.61	3.66	2.56
NC_233	0.25	0.30	0.37	0.44	0.40	0.35	0.44	**0.50**	0.46	0.35	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_234	4.48	6.33	7.81	8.85	9.17	9.71	10.76	10.67	**10.93**	8.62	8.34	7.06	6.04	6.24	4.51	4.35	3.31	3.40	3.44	2.40
NC_235	0.53	0.68	0.62	**0.77**	0.71	0.56	0.68	0.72	0.65	0.43	0.37	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_236	0.53	0.83	1.04	1.16	1.11	1.17	1.37	1.46	**1.51**	1.15	1.05	0.90	0.77	0.80	0.55	0.53	0.40	0.41	0.41	0.28
NC_237	2.40	3.33	4.07	4.78	5.46	7.02	8.04	8.24	**8.43**	7.00	6.94	6.39	5.58	5.17	4.26	4.35	3.63	3.72	3.79	2.67
NC_238	15.61	21.44	25.99	29.20	30.37	32.22	35.46	35.25	**35.56**	28.26	27.16	22.96	19.87	19.96	14.84	14.35	10.97	11.43	11.78	8.06
NC_239	1.20	2.88	4.97	6.79	7.53	8.42	9.70	10.08	**10.54**	7.72	7.67	6.55	5.69	5.89	4.05	3.90	2.98	3.49	3.27	2.25
NC_240	4.06	5.86	7.35	8.55	9.32	10.51	**11.52**	11.43	11.51	9.22	9.53	8.06	6.98	7.04	5.35	5.19	3.98	4.08	4.14	2.87
NC_241	0.45	0.55	0.59	0.71	0.66	0.54	0.68	**0.76**	0.66	0.50	0.43	0.35	0.30	0.30	0.20	0.20	0.15	0.15	0.15	0.11
NC_242	0.29	0.34	0.42	0.50	0.46	0.39	0.50	**0.57**	0.52	0.39	0.34	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.08
NC_243	1.72	2.02	2.34	2.56	2.41	2.33	2.61	**2.91**	2.89	2.26	2.16	1.91	1.65	1.72	1.20	1.16	0.88	0.91	0.92	0.64
NC_244	16.40	22.39	27.00	30.15	31.02	32.27	35.67	35.45	**35.84**	28.31	26.92	22.65	19.55	19.66	14.52	14.02	10.70	11.08	11.50	7.87
NC_245	0.79	1.27	1.67	1.89	1.94	2.06	2.39	2.44	**2.57**	1.96	1.90	1.64	1.39	1.45	1.02	0.98	0.74	0.76	0.77	0.52
NC_246	0.57	0.72	0.67	**0.80**	0.75	0.59	0.71	0.74	0.67	0.44	0.38	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_247	0.49	0.62	0.59	**0.73**	0.67	0.53	0.66	0.70	0.62	0.43	0.37	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_248	0.38	0.56	0.72	0.84	0.89	0.99	1.10	1.11	**1.14**	0.89	0.98	0.83	0.72	0.75	0.55	0.54	0.41	0.42	0.43	0.32
NC_249	0.81	1.03	1.20	1.32	1.34	1.41	1.61	1.66	**1.73**	1.36	1.26	1.10	0.94	0.98	0.68	0.65	0.49	0.51	0.51	0.35
NC_250	0.22	0.27	0.34	0.39	0.36	0.32	0.40	**0.47**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.11	0.07
NC_251	0.21	0.27	0.34	0.39	0.36	0.32	0.40	**0.46**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.14	0.10	0.10	0.11	0.07
NC_252	2.41	3.37	4.14	4.80	5.48	7.07	8.13	8.37	**8.55**	7.15	7.04	6.55	5.70	5.30	4.41	4.49	3.73	3.83	3.90	2.74
NC_253	0.99	1.17	1.38	1.50	1.56	1.68	1.90	1.87	**1.97**	1.55	1.59	1.37	1.17	1.24	0.88	0.85	0.65	0.66	0.67	0.46
NC_254	0.21	0.26	0.34	0.39	0.36	0.32	0.40	**0.46**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.10	0.07
NC_255	0.33	0.44	0.55	0.62	0.57	0.58	0.66	**0.78**	0.77	0.59	0.52	0.46	0.39	0.40	0.28	0.27	0.20	0.21	0.21	0.14
NC_256	0.24	0.29	0.37	0.43	0.40	0.35	0.44	**0.50**	0.46	0.35	0.30	0.25	0.21	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_257	0.40	0.56	0.67	0.74	0.69	0.69	0.82	0.92	**0.92**	0.70	0.61	0.52	0.44	0.45	0.31	0.30	0.22	0.23	0.23	0.16
NC_258	2.70	3.41	3.98	4.27	4.48	5.43	6.74	7.17	**7.35**	6.10	5.53	5.56	5.19	4.76	4.09	4.18	3.56	3.66	3.71	2.68
NC_259	0.29	0.34	0.42	0.50	0.46	0.39	0.50	**0.56**	0.51	0.39	0.34	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.08
NC_260	10.23	13.46	15.61	17.94	19.19	20.91	24.37	25.12	**26.27**	19.22	18.80	15.97	13.83	14.33	9.78	9.40	7.17	7.77	7.62	5.29
NC_261	0.55	0.69	0.65	**0.77**	0.71	0.58	0.67	0.70	0.63	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_262	4.00	4.87	5.45	**5.85**	5.51	5.00	5.56	5.72	5.75	4.18	3.58	2.82	2.43	2.45	1.65	1.59	1.21	1.24	1.26	0.88
NC_263	37.80	54.09	68.83	82.05	93.12	119.46	139.79	162.37	179.02	**184.42**	180.36	184.07	180.26	146.04	133.47	170.77	147.62	165.67	175.80	123.75
NC_264	0.22	0.27	0.35	0.40	0.37	0.33	0.41	**0.47**	0.45	0.34	0.29	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_265	0.74	0.92	0.86	**1.05**	0.98	0.77	0.94	1.00	0.89	0.61	0.53	0.40	0.34	0.34	0.23	0.22	0.17	0.17	0.18	0.12
NC_266	1.08	1.21	1.45	1.58	1.48	1.33	1.53	**1.66**	1.60	1.20	1.02	0.83	0.71	0.72	0.49	0.47	0.36	0.37	0.37	0.26
NC_267	0.31	0.47	0.57	0.64	0.66	0.70	0.80	0.84	**0.88**	0.69	0.65	0.58	0.49	0.51	0.36	0.34	0.26	0.27	0.27	0.18
NC_268	4.51	6.68	8.66	10.57	12.69	17.71	21.35	24.41	**25.79**	23.88	22.83	24.44	22.94	20.56	16.68	18.08	15.21	15.65	15.97	11.16
NC_269	0.27	0.41	0.50	0.56	0.56	0.60	0.68	0.73	**0.76**	0.59	0.54	0.47	0.40	0.42	0.29	0.28	0.21	0.21	0.22	0.15
NC_270	0.90	1.28	1.58	1.76	1.79	1.86	2.10	2.10	**2.17**	1.68	1.58	1.33	1.14	1.17	0.84	0.80	0.61	0.63	0.64	0.44
NC_271	2.63	3.36	3.92	4.24	4.46	5.38	6.60	7.22	**7.49**	6.36	5.79	5.88	5.46	5.06	4.27	4.44	3.83	3.94	4.00	2.88
NC_272	4.68	6.08	7.21	8.08	8.77	10.49	11.51	13.02	13.95	14.68	14.42	14.52	13.85	11.66	10.76	12.76	12.68	12.76	**14.69**	10.18
NC_273	0.29	0.45	0.56	0.62	0.64	0.69	0.79	0.82	**0.85**	0.67	0.64	0.56	0.47	0.49	0.34	0.33	0.25	0.26	0.26	0.18
NC_274	2.65	3.76	4.66	5.37	5.76	7.45	8.60	8.92	**9.13**	7.76	7.52	7.12	6.20	5.90	4.90	4.97	4.09	4.20	4.27	3.00
NC_275	10.25	13.52	15.75	17.96	19.28	21.09	24.51	25.23	**26.37**	19.29	19.05	16.16	14.00	14.56	9.92	9.54	7.28	7.88	7.73	5.37
NC_276	0.43	0.54	0.52	**0.64**	0.59	0.47	0.58	0.63	0.55	0.39	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_277	0.82	1.20	1.51	1.75	1.88	2.04	2.27	2.26	**2.30**	1.82	1.85	1.53	1.32	1.35	1.00	0.96	0.74	0.75	0.77	0.53
NC_278	0.42	0.53	0.52	0.64	0.60	0.47	0.59	**0.64**	0.56	0.40	0.35	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_279	11.06	14.81	17.46	19.24	20.54	22.72	26.14	26.66	**27.74**	20.43	20.89	17.87	15.58	16.21	11.09	10.67	8.20	8.77	8.63	6.00
NC_280	37.81	54.11	68.86	82.08	93.16	119.50	139.84	162.41	179.05	**184.39**	180.32	183.99	180.25	146.00	133.36	170.70	147.54	165.53	175.66	123.65
NC_281	0.42	0.53	0.52	**0.64**	0.59	0.47	0.58	0.63	0.55	0.39	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_282	0.24	0.31	0.39	0.44	0.40	0.37	0.46	**0.53**	0.51	0.39	0.34	0.28	0.24	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_283	0.83	0.99	1.00	**1.19**	1.10	0.90	1.06	1.13	1.01	0.72	0.62	0.46	0.40	0.40	0.27	0.26	0.20	0.20	0.21	0.14
NC_284	0.63	0.98	1.28	1.52	1.67	1.89	2.09	2.10	**2.15**	1.69	1.89	1.60	1.39	1.44	1.07	1.04	0.80	0.82	0.83	0.59
NC_285	15.45	21.33	25.96	29.33	30.79	33.24	36.53	36.29	**36.57**	29.22	28.33	24.10	20.94	20.70	15.70	15.21	11.65	12.08	12.46	8.51
NC_286	0.21	0.27	0.34	0.39	0.36	0.32	0.40	**0.46**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.14	0.10	0.10	0.11	0.07
NC_287	37.77	54.06	68.79	82.00	93.07	119.40	139.75	162.37	179.08	**184.76**	180.91	184.58	180.58	146.27	134.32	171.39	148.21	166.67	176.82	124.43
NC_288	0.74	0.92	0.87	**1.07**	0.99	0.78	0.96	1.03	0.90	0.63	0.55	0.41	0.36	0.36	0.24	0.23	0.18	0.18	0.18	0.13
NC_289	2.71	3.42	3.87	4.15	3.92	3.64	4.12	4.24	**4.27**	3.17	2.73	2.20	1.90	1.91	1.30	1.25	0.95	0.97	0.98	0.69
NC_290	0.49	0.62	0.57	**0.71**	0.66	0.51	0.63	0.68	0.60	0.40	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_291	0.57	0.71	0.68	**0.83**	0.77	0.61	0.76	0.81	0.72	0.50	0.43	0.33	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_292	0.42	0.55	0.69	0.76	0.74	0.80	0.90	1.00	**1.01**	0.79	0.74	0.66	0.56	0.58	0.41	0.40	0.30	0.31	0.31	0.21
NC_293	4.59	6.67	8.39	9.79	10.69	12.34	13.58	13.51	**13.67**	11.06	11.39	9.81	8.55	8.42	6.52	6.39	4.93	5.05	5.12	3.55
NC_294	1.22	1.92	2.51	2.99	3.31	3.90	4.35	4.35	**4.44**	3.54	3.92	3.39	2.97	2.96	2.26	2.23	1.72	1.77	1.81	1.27
NC_295	0.50	0.63	0.60	**0.74**	0.69	0.54	0.67	0.72	0.63	0.44	0.38	0.28	0.25	0.25	0.17	0.16	0.12	0.12	0.13	0.09
NC_296	0.49	0.62	0.58	**0.72**	0.66	0.52	0.64	0.69	0.61	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.08
NC_297	0.70	0.83	0.95	1.07	0.99	0.86	1.01	**1.10**	1.03	0.75	0.65	0.51	0.44	0.44	0.30	0.28	0.21	0.22	0.22	0.15
NC_298	2.29	3.04	3.59	3.87	3.77	3.68	4.16	4.18	**4.27**	3.25	2.89	2.40	2.08	2.11	1.45	1.39	1.06	1.09	1.10	0.77
NC_299	19.90	28.29	35.12	40.37	43.34	48.86	53.84	53.77	**54.52**	43.96	44.71	38.60	33.64	33.12	25.64	25.14	19.39	19.91	20.44	14.03
NC_300	0.55	0.69	0.64	**0.80**	0.74	0.58	0.71	0.76	0.67	0.46	0.40	0.30	0.26	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_301	1.02	1.27	1.20	**1.47**	1.36	1.08	1.30	1.38	1.25	0.84	0.73	0.54	0.47	0.47	0.32	0.30	0.23	0.24	0.24	0.17
NC_302	37.89	54.20	68.98	82.22	93.31	119.67	140.02	162.57	179.18	**184.46**	180.33	184.02	180.22	145.91	133.37	170.68	147.45	165.41	175.54	123.57
NC_303	1.32	1.74	1.99	2.13	2.02	1.93	2.26	2.37	**2.40**	1.85	1.59	1.35	1.15	1.17	0.81	0.78	0.59	0.61	0.61	0.43
NC_304	0.53	0.82	1.06	1.23	1.29	1.41	1.60	1.60	**1.68**	1.29	1.36	1.16	0.99	1.03	0.74	0.72	0.55	0.56	0.57	0.39
NC_305	0.44	0.55	0.54	**0.66**	0.61	0.48	0.60	0.65	0.57	0.40	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_306	1.33	2.12	2.79	3.34	3.75	4.63	5.17	5.21	**5.37**	4.44	4.77	4.26	3.77	3.70	2.88	2.86	2.24	2.30	2.36	1.69
NC_307	0.58	0.82	0.99	1.09	1.13	1.21	1.39	1.42	**1.48**	1.17	1.12	0.98	0.84	0.87	0.61	0.59	0.44	0.46	0.46	0.32
NC_308	5.52	8.19	10.47	12.38	13.81	16.66	18.46	18.55	**18.89**	15.63	16.28	14.32	12.60	12.08	9.70	9.58	7.42	7.62	7.72	5.32
NC_309	0.44	0.67	0.82	0.91	0.92	0.98	1.12	1.19	**1.24**	0.97	0.90	0.80	0.68	0.70	0.49	0.48	0.36	0.37	0.38	0.25
NC_310	2.95	3.90	4.58	4.94	5.12	5.99	6.75	7.67	**8.04**	7.06	6.92	6.70	6.22	6.05	4.90	5.12	4.44	4.57	4.64	3.33
NC_311	1.36	1.70	1.94	2.07	1.96	1.82	2.06	2.14	**2.16**	1.62	1.38	1.12	0.96	0.97	0.66	0.63	0.48	0.49	0.50	0.35
NC_312	0.95	1.13	1.13	**1.34**	1.25	1.02	1.19	1.26	1.12	0.80	0.69	0.52	0.45	0.45	0.30	0.29	0.22	0.23	0.23	0.16
NC_313	4.52	6.57	8.27	9.65	10.56	12.28	13.55	13.53	**13.72**	11.15	11.44	9.93	8.68	8.47	6.57	6.48	5.03	5.16	5.23	3.63
NC_314	0.34	0.40	0.50	0.59	0.54	0.47	0.59	**0.68**	0.63	0.48	0.42	0.35	0.30	0.31	0.21	0.20	0.15	0.16	0.16	0.11
NC_315	1.56	1.79	1.92	**2.17**	2.03	1.72	1.95	2.06	1.91	1.37	1.17	0.89	0.77	0.77	0.52	0.50	0.38	0.39	0.39	0.28
NC_316	1.40	2.22	2.92	3.52	3.97	5.00	5.58	5.65	**5.83**	4.89	5.22	4.67	4.16	4.12	3.22	3.19	2.48	2.55	2.62	1.87
NC_317	0.48	0.60	0.56	**0.70**	0.65	0.51	0.63	0.67	0.59	0.40	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_318	37.53	53.61	68.21	81.26	92.18	118.05	137.96	158.51	171.76	**171.79**	165.55	171.42	168.55	140.87	122.88	154.24	133.62	147.25	155.21	109.45
NC_319	0.52	0.66	0.61	**0.75**	0.69	0.55	0.66	0.70	0.62	0.41	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_320	1.42	2.26	2.98	3.59	4.06	5.16	5.76	5.85	**6.05**	5.11	5.42	4.87	4.35	4.36	3.38	3.35	2.60	2.68	2.74	1.95
NC_321	0.57	0.72	0.67	**0.83**	0.77	0.60	0.74	0.79	0.70	0.47	0.41	0.31	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.10
NC_322	0.25	0.30	0.37	0.44	0.40	0.35	0.44	**0.50**	0.46	0.34	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_323	1.08	1.33	1.32	**1.58**	1.47	1.20	1.46	1.58	1.37	1.02	0.89	0.70	0.60	0.61	0.42	0.40	0.31	0.31	0.32	0.22
NC_324	2.85	4.38	5.58	6.33	6.93	8.30	9.11	9.09	**9.17**	7.79	8.76	7.56	6.70	7.02	5.32	5.22	4.02	4.13	4.21	2.96
NC_325	6.07	8.23	9.65	10.91	11.95	14.52	16.53	18.76	19.54	**20.18**	19.70	19.88	19.13	16.88	14.66	17.76	16.28	17.20	19.80	13.94
NC_326	2.67	4.18	5.45	6.42	7.07	8.58	9.46	9.46	**9.64**	8.24	9.04	7.98	7.10	7.24	5.59	5.52	4.29	4.41	4.50	3.16
NC_327	0.35	0.44	0.55	0.62	0.57	0.60	0.68	**0.79**	0.78	0.60	0.54	0.47	0.40	0.41	0.29	0.28	0.21	0.21	0.22	0.15
NC_328	0.47	0.59	0.56	**0.69**	0.64	0.51	0.62	0.66	0.59	0.40	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_329	0.54	0.68	0.64	**0.79**	0.74	0.58	0.72	0.76	0.68	0.47	0.40	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_330	0.47	0.60	0.56	**0.69**	0.64	0.50	0.62	0.66	0.59	0.40	0.34	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_331	4.66	6.79	8.57	10.03	11.02	12.97	14.38	14.43	**14.66**	12.02	12.24	10.76	9.44	9.05	7.22	7.11	5.50	5.64	5.72	3.96
NC_332	1.56	1.81	1.94	**2.21**	2.07	1.75	2.02	2.17	2.00	1.47	1.27	1.00	0.86	0.87	0.59	0.57	0.44	0.45	0.45	0.32
NC_333	2.73	3.66	4.28	4.60	4.41	4.30	4.95	5.07	**5.16**	3.95	3.48	2.92	2.50	2.54	1.76	1.69	1.29	1.32	1.34	0.93
NC_334	0.49	0.62	0.58	**0.72**	0.67	0.52	0.65	0.70	0.62	0.43	0.37	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_335	0.21	0.26	0.34	0.39	0.36	0.32	0.40	**0.46**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.10	0.07
NC_336	0.22	0.27	0.35	0.40	0.36	0.32	0.41	**0.47**	0.44	0.33	0.29	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_337	0.63	0.79	0.73	**0.90**	0.84	0.66	0.81	0.86	0.76	0.52	0.45	0.34	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.10
NC_338	0.24	0.30	0.39	0.44	0.41	0.37	0.46	**0.53**	0.51	0.38	0.33	0.28	0.24	0.24	0.17	0.16	0.12	0.12	0.13	0.08
NC_339	0.97	1.16	1.30	**1.41**	1.32	1.19	1.33	1.39	1.37	0.99	0.85	0.67	0.58	0.58	0.39	0.38	0.29	0.29	0.30	0.21
NC_340	0.32	0.40	0.43	0.52	0.49	0.40	0.50	**0.56**	0.49	0.36	0.31	0.25	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.08
NC_341	6.06	8.20	9.64	10.89	11.93	14.51	16.49	18.80	19.55	**20.26**	19.81	19.97	19.22	16.89	14.74	17.87	16.40	17.33	19.97	14.06
NC_342	2.86	3.27	3.63	**4.00**	3.74	3.27	3.65	3.86	3.69	2.67	2.29	1.76	1.52	1.53	1.03	0.99	0.76	0.78	0.79	0.55
NC_343	0.47	0.63	0.78	0.86	0.80	0.76	0.93	**1.05**	1.04	0.79	0.69	0.58	0.50	0.51	0.35	0.34	0.25	0.26	0.26	0.18
NC_344	0.97	1.16	1.18	**1.39**	1.29	1.06	1.25	1.34	1.19	0.86	0.74	0.56	0.48	0.48	0.33	0.31	0.24	0.25	0.25	0.17
NC_345	0.21	0.27	0.34	0.39	0.36	0.32	0.40	**0.46**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.14	0.10	0.10	0.11	0.07
NC_346	2.76	3.22	3.49	**3.90**	3.65	3.14	3.55	3.74	3.53	2.53	2.17	1.66	1.43	1.44	0.97	0.93	0.71	0.73	0.74	0.52
NC_347	0.51	0.65	0.60	**0.73**	0.68	0.53	0.65	0.69	0.62	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_348	0.27	0.42	0.52	0.58	0.59	0.63	0.72	0.75	**0.79**	0.61	0.57	0.50	0.43	0.44	0.31	0.29	0.22	0.23	0.23	0.16
NC_349	0.40	0.56	0.69	0.77	0.83	0.90	1.03	1.02	**1.08**	0.85	0.88	0.76	0.64	0.67	0.48	0.46	0.35	0.36	0.37	0.25
NC_350	2.72	4.26	5.57	6.61	7.33	8.98	9.94	9.99	**10.26**	8.81	9.50	8.53	7.65	7.65	5.98	5.94	4.65	4.78	4.88	3.42
NC_351	0.30	0.41	0.51	0.56	0.55	0.59	0.67	0.74	**0.75**	0.58	0.53	0.46	0.40	0.41	0.28	0.27	0.20	0.21	0.21	0.14
NC_352	0.45	0.63	0.79	0.93	0.99	1.11	1.24	1.25	**1.30**	1.00	1.12	0.96	0.81	0.86	0.63	0.61	0.46	0.48	0.48	0.33
NC_353	0.85	0.98	1.09	1.23	1.15	0.99	1.16	**1.26**	1.16	0.87	0.74	0.59	0.51	0.51	0.35	0.34	0.26	0.26	0.27	0.19
NC_354	5.51	8.18	10.45	12.35	13.77	16.59	18.34	18.40	**18.71**	15.44	16.14	14.15	12.43	12.02	9.55	9.44	7.31	7.50	7.61	5.24
NC_355	37.53	53.62	68.21	81.27	92.19	118.07	137.97	158.52	**171.77**	171.75	165.49	171.35	168.49	140.83	122.80	154.18	133.56	147.17	155.09	109.37
NC_356	2.66	3.72	4.56	5.45	6.25	8.44	9.87	10.55	**10.90**	9.94	9.65	9.39	8.39	8.24	6.85	7.12	5.83	5.97	6.08	4.26
NC_357	0.56	0.70	0.65	**0.80**	0.74	0.58	0.70	0.75	0.67	0.45	0.38	0.28	0.25	0.25	0.17	0.16	0.12	0.12	0.13	0.09
NC_358	1.74	2.79	3.63	4.19	4.30	4.61	5.31	5.45	**5.68**	4.34	4.29	3.64	3.13	3.28	2.30	2.22	1.68	1.73	1.75	1.19
NC_359	0.98	1.15	1.22	**1.39**	1.30	1.09	1.25	1.33	1.23	0.87	0.75	0.57	0.49	0.49	0.33	0.32	0.24	0.25	0.25	0.18
NC_360	0.42	0.63	0.76	0.84	0.79	0.83	0.97	1.07	**1.10**	0.84	0.74	0.64	0.55	0.56	0.39	0.37	0.28	0.29	0.29	0.20
NC_361	0.80	0.97	1.17	1.27	1.19	1.25	1.40	1.55	**1.57**	1.22	1.10	0.97	0.82	0.85	0.59	0.57	0.43	0.44	0.45	0.31
NC_362	37.54	53.63	68.22	81.29	92.20	118.08	137.98	158.53	**171.76**	171.73	165.42	171.25	168.41	140.79	122.71	154.12	133.50	147.07	154.97	109.29
NC_363	0.25	0.30	0.39	0.45	0.42	0.37	0.46	**0.53**	0.50	0.38	0.33	0.27	0.23	0.24	0.16	0.15	0.12	0.12	0.12	0.08

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_364	0.48	0.61	0.57	**0.71**	0.65	0.51	0.63	0.67	0.60	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_365	0.32	0.51	0.68	0.80	0.84	0.93	1.05	1.05	**1.11**	0.85	0.90	0.77	0.66	0.69	0.49	0.48	0.36	0.37	0.38	0.26
NC_366	0.71	0.89	0.85	**1.04**	0.96	0.76	0.93	1.00	0.88	0.62	0.54	0.41	0.35	0.35	0.24	0.23	0.17	0.18	0.18	0.13
NC_367	0.30	0.46	0.56	0.63	0.64	0.68	0.78	0.81	**0.85**	0.66	0.62	0.54	0.46	0.48	0.33	0.32	0.24	0.25	0.25	0.17
NC_368	2.01	3.13	3.96	4.42	4.30	4.48	5.26	5.57	**5.77**	4.38	4.08	3.49	2.99	3.14	2.17	2.09	1.57	1.61	1.64	1.11
NC_369	0.23	0.29	0.37	0.43	0.39	0.35	0.44	**0.51**	0.48	0.36	0.31	0.26	0.22	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_370	0.48	0.61	0.57	**0.71**	0.66	0.51	0.64	0.68	0.61	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_371	0.97	1.45	1.77	1.97	1.85	1.89	2.24	2.45	**2.50**	1.88	1.70	1.45	1.24	1.28	0.88	0.84	0.63	0.65	0.66	0.45
NC_372	37.55	53.63	68.23	81.30	92.21	118.09	137.99	158.54	**171.77**	171.70	165.37	171.22	168.39	140.75	122.62	154.07	133.44	146.99	154.85	109.21
NC_373	0.50	0.63	0.59	**0.72**	0.67	0.52	0.64	0.68	0.61	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_374	0.41	0.55	0.69	0.76	0.70	0.74	0.84	**0.98**	0.97	0.75	0.68	0.61	0.52	0.54	0.38	0.37	0.28	0.29	0.29	0.20
NC_375	1.84	2.79	3.59	4.22	4.62	5.41	5.99	6.00	**6.11**	5.17	5.63	5.12	4.79	4.72	3.64	3.77	3.13	3.25	3.33	2.29
NC_376	0.55	0.70	0.65	**0.80**	0.75	0.58	0.72	0.76	0.68	0.46	0.40	0.30	0.26	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_377	3.22	4.97	6.46	7.67	8.46	10.22	11.32	11.35	**11.62**	10.00	10.83	9.72	8.72	8.79	6.81	6.79	5.34	5.49	5.59	3.92
NC_378	0.28	0.34	0.40	0.48	0.44	0.37	0.47	**0.53**	0.48	0.36	0.31	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_379	0.58	0.74	0.68	**0.83**	0.77	0.61	0.73	0.77	0.69	0.46	0.40	0.29	0.25	0.25	0.17	0.16	0.13	0.13	0.13	0.09
NC_380	1.94	3.00	3.77	4.18	4.02	4.21	4.93	5.27	**5.44**	4.13	3.82	3.28	2.80	2.93	2.03	1.95	1.47	1.51	1.53	1.04
NC_381	2.70	3.81	4.70	5.50	6.27	8.48	9.95	10.68	**11.06**	10.11	9.80	9.57	8.57	8.49	7.05	7.30	5.97	6.12	6.23	4.37
NC_382	0.43	0.54	0.53	**0.65**	0.60	0.48	0.59	0.63	0.56	0.39	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_383	0.68	0.80	0.99	1.13	1.04	0.92	1.13	**1.29**	1.22	0.92	0.80	0.66	0.56	0.57	0.39	0.38	0.29	0.29	0.30	0.20
NC_384	0.28	0.35	0.45	0.51	0.47	0.42	0.53	**0.61**	0.58	0.44	0.39	0.33	0.28	0.28	0.19	0.19	0.14	0.14	0.15	0.10
NC_385	9.06	12.39	15.08	17.08	18.13	20.87	22.94	26.32	**28.28**	27.47	26.11	28.22	27.57	24.90	19.70	22.39	19.48	20.13	20.52	14.30
NC_386	0.54	0.69	0.64	**0.76**	0.71	0.57	0.66	0.70	0.63	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_387	0.41	0.51	0.54	0.66	0.61	0.50	0.63	**0.69**	0.60	0.45	0.39	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_388	0.34	0.45	0.57	0.63	0.58	0.59	0.68	**0.80**	0.79	0.60	0.54	0.47	0.40	0.42	0.29	0.28	0.21	0.22	0.22	0.15
NC_389	1.16	1.69	2.05	2.26	2.21	2.37	2.70	2.89	**2.97**	2.30	2.21	1.93	1.64	1.74	1.22	1.17	0.89	0.91	0.93	0.63
NC_390	0.25	0.33	0.41	0.47	0.43	0.40	0.49	**0.57**	0.55	0.42	0.36	0.31	0.26	0.27	0.18	0.18	0.13	0.14	0.14	0.09
NC_391	1.49	1.77	1.88	**2.17**	2.02	1.70	2.01	2.15	1.95	1.42	1.23	0.95	0.82	0.82	0.55	0.53	0.40	0.41	0.42	0.29
NC_392	0.23	0.30	0.38	0.43	0.40	0.37	0.45	**0.52**	0.50	0.38	0.33	0.28	0.24	0.24	0.17	0.16	0.12	0.12	0.12	0.08
NC_393	1.60	1.91	1.86	**2.19**	2.05	1.66	1.91	2.01	1.81	1.26	1.08	0.80	0.69	0.69	0.47	0.45	0.35	0.35	0.36	0.25
NC_394	37.81	53.94	68.65	81.77	92.72	118.66	138.57	158.98	**171.96**	170.99	164.24	170.10	167.66	140.26	121.18	152.76	132.49	144.62	152.53	107.53
NC_395	0.47	0.59	0.55	**0.68**	0.63	0.49	0.61	0.66	0.58	0.40	0.34	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_396	0.90	1.41	1.76	1.95	1.90	2.01	2.32	2.49	**2.58**	1.97	1.83	1.60	1.36	1.42	0.99	0.96	0.72	0.74	0.76	0.51
NC_397	1.88	2.24	2.51	2.69	2.76	2.88	**3.01**	3.00	2.99	2.63	2.61	2.32	2.07	2.14	1.69	1.65	1.29	1.32	1.34	0.94
NC_398	0.22	0.27	0.35	0.40	0.37	0.33	0.41	**0.47**	0.44	0.33	0.29	0.24	0.21	0.21	0.14	0.14	0.10	0.10	0.11	0.07
NC_399	37.55	53.64	68.24	81.31	92.22	118.11	138.01	158.55	**171.77**	171.65	165.31	171.19	168.39	140.71	122.54	154.02	133.39	146.91	154.75	109.14
NC_400	0.53	0.67	0.63	**0.75**	0.70	0.56	0.66	0.69	0.62	0.41	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_401	3.79	4.98	6.04	6.72	7.06	8.94	10.49	11.30	**11.81**	10.89	10.67	10.46	9.46	9.57	7.89	8.11	6.58	6.75	6.87	4.82
NC_402	1.24	1.44	1.51	**1.73**	1.61	1.35	1.54	1.63	1.49	1.08	0.93	0.71	0.61	0.61	0.42	0.40	0.30	0.31	0.32	0.22
NC_403	37.66	53.76	68.40	81.49	92.41	118.32	138.22	158.69	**171.75**	171.10	164.49	170.38	167.78	140.30	121.47	153.22	132.73	145.41	153.12	108.03
NC_404	37.56	53.65	68.25	81.32	92.23	118.12	138.02	158.56	**171.78**	171.63	165.26	171.15	168.38	140.67	122.46	153.97	133.34	146.83	154.64	109.07
NC_405	0.25	0.29	0.37	0.43	0.40	0.34	0.43	**0.49**	0.45	0.34	0.29	0.24	0.20	0.21	0.14	0.14	0.10	0.10	0.11	0.07
NC_406	2.39	2.82	2.87	**3.31**	3.09	2.57	2.95	3.09	2.83	2.00	1.71	1.28	1.11	1.11	0.75	0.72	0.55	0.56	0.57	0.40
NC_407	0.48	0.61	0.57	**0.71**	0.66	0.51	0.64	0.68	0.61	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_408	1.05	1.48	1.79	1.96	1.94	2.09	2.37	2.54	**2.60**	2.02	1.95	1.70	1.45	1.52	1.07	1.03	0.78	0.80	0.81	0.56
NC_409	0.59	0.75	0.69	**0.84**	0.78	0.62	0.74	0.79	0.70	0.47	0.40	0.30	0.26	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_410	0.88	1.04	1.13	1.32	1.22	1.03	1.23	**1.35**	1.22	0.90	0.78	0.61	0.53	0.53	0.36	0.35	0.26	0.27	0.27	0.19
NC_411	1.73	1.96	2.17	**2.39**	2.24	1.96	2.16	2.27	2.16	1.56	1.34	1.03	0.89	0.89	0.60	0.58	0.44	0.45	0.46	0.32
NC_412	0.97	1.16	1.22	1.43	1.33	1.10	1.32	**1.43**	1.28	0.94	0.81	0.63	0.54	0.55	0.37	0.36	0.27	0.28	0.28	0.20
NC_413	0.56	0.71	0.66	**0.80**	0.75	0.59	0.71	0.75	0.67	0.45	0.39	0.29	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_414	0.48	0.60	0.56	**0.69**	0.65	0.50	0.62	0.66	0.59	0.40	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_415	0.69	0.87	0.81	**0.98**	0.91	0.72	0.86	0.91	0.81	0.55	0.47	0.35	0.30	0.30	0.20	0.20	0.15	0.15	0.16	0.11
NC_416	0.67	0.84	0.78	**0.95**	0.89	0.69	0.85	0.90	0.80	0.54	0.47	0.35	0.30	0.30	0.20	0.20	0.15	0.15	0.16	0.11
NC_417	0.98	1.13	1.37	1.51	1.42	1.52	1.69	**1.83**	1.81	1.45	1.35	1.19	1.01	1.05	0.74	0.72	0.55	0.56	0.57	0.39
NC_418	0.62	0.78	0.73	**0.87**	0.80	0.65	0.76	0.79	0.71	0.47	0.40	0.30	0.26	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_419	2.01	2.49	2.81	3.00	2.84	2.62	2.92	3.00	**3.02**	2.25	1.90	1.52	1.32	1.32	0.90	0.86	0.66	0.67	0.68	0.48
NC_420	0.52	0.65	0.60	**0.74**	0.69	0.54	0.65	0.69	0.62	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_421	0.42	0.65	0.85	0.98	1.03	1.14	1.28	1.28	**1.34**	1.04	1.10	0.94	0.80	0.84	0.61	0.59	0.45	0.46	0.46	0.32
NC_422	37.83	53.95	68.66	81.78	92.72	118.64	138.53	158.79	**171.47**	169.69	162.58	168.63	166.35	139.64	119.61	151.07	131.02	142.28	149.81	105.68
NC_423	0.52	0.66	0.61	**0.75**	0.70	0.54	0.67	0.72	0.64	0.43	0.37	0.28	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_424	1.61	2.46	3.12	3.48	3.46	3.56	4.14	4.26	**4.45**	3.38	3.14	2.66	2.27	2.37	1.62	1.56	1.17	1.20	1.22	0.83
NC_425	0.38	0.55	0.67	0.75	0.70	0.69	0.83	0.93	**0.94**	0.71	0.62	0.53	0.45	0.46	0.31	0.30	0.23	0.23	0.24	0.16
NC_426	0.50	0.63	0.58	**0.73**	0.67	0.52	0.65	0.69	0.61	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_427	2.50	2.86	3.12	**3.42**	3.21	2.80	3.08	3.21	3.07	2.20	1.88	1.43	1.24	1.24	0.84	0.80	0.61	0.63	0.64	0.45
NC_428	0.69	0.79	0.88	1.00	0.94	0.81	0.94	**1.00**	0.92	0.68	0.58	0.45	0.39	0.39	0.27	0.26	0.20	0.20	0.20	0.14
NC_429	0.49	0.62	0.57	**0.71**	0.66	0.51	0.63	0.67	0.60	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_430	0.81	1.02	0.96	**1.11**	1.03	0.85	0.96	0.99	0.90	0.58	0.50	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_431	0.30	0.37	0.42	0.50	0.46	0.39	0.49	**0.55**	0.49	0.37	0.32	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_432	2.13	2.43	2.75	**2.95**	2.77	2.49	2.70	2.80	2.75	2.00	1.70	1.32	1.14	1.15	0.78	0.75	0.57	0.58	0.59	0.42
NC_433	1.33	1.63	1.90	2.03	1.91	1.78	2.04	2.16	**2.17**	1.64	1.38	1.13	0.97	0.98	0.67	0.64	0.49	0.50	0.51	0.36
NC_434	0.21	0.26	0.34	0.38	0.35	0.32	0.40	**0.46**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.11	0.07
NC_435	0.58	0.74	0.69	**0.81**	0.76	0.61	0.71	0.74	0.67	0.44	0.38	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_436	1.66	2.22	2.64	2.83	2.77	2.74	3.07	3.07	**3.14**	2.43	2.14	1.80	1.54	1.58	1.09	1.04	0.80	0.82	0.83	0.58

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_437	37.92	54.06	68.81	81.95	92.90	118.85	138.75	158.98	**171.64**	169.75	162.60	168.63	166.38	139.61	119.73	150.86	130.92	142.24	149.66	105.58
NC_438	1.06	1.28	1.23	**1.46**	1.36	1.09	1.27	1.33	1.19	0.83	0.71	0.53	0.46	0.46	0.31	0.30	0.23	0.23	0.24	0.17
NC_439	0.21	0.26	0.34	0.38	0.35	0.32	0.40	**0.46**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.11	0.07
NC_440	1.93	2.36	2.75	2.95	2.78	2.86	3.21	3.44	**3.49**	2.73	2.53	2.23	1.90	1.98	1.40	1.35	1.03	1.06	1.07	0.75
NC_441	0.70	0.82	0.98	1.10	1.02	0.89	1.07	**1.19**	1.12	0.83	0.72	0.57	0.49	0.50	0.34	0.32	0.24	0.25	0.25	0.18
NC_442	0.46	0.57	0.57	0.70	0.65	0.52	0.65	**0.71**	0.62	0.45	0.39	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_443	6.91	9.13	10.65	11.47	11.24	11.67	13.13	13.43	**13.79**	12.83	13.37	12.58	11.55	12.06	9.69	9.95	8.03	8.24	8.39	5.88
NC_444	0.75	0.87	0.97	1.10	1.03	0.89	1.03	**1.11**	1.03	0.77	0.65	0.52	0.45	0.45	0.31	0.29	0.22	0.23	0.23	0.16
NC_445	0.25	0.31	0.40	0.46	0.42	0.38	0.47	**0.55**	0.52	0.39	0.34	0.29	0.24	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_446	1.54	1.77	1.82	**2.07**	1.94	1.62	1.81	1.88	1.73	1.23	1.05	0.78	0.68	0.68	0.46	0.44	0.34	0.35	0.35	0.25
NC_447	1.05	1.22	1.32	**1.51**	1.41	1.19	1.39	1.49	1.36	0.99	0.86	0.66	0.57	0.57	0.39	0.37	0.28	0.29	0.29	0.21
NC_448	0.98	1.56	2.01	2.24	2.25	2.39	2.76	2.89	**3.01**	2.30	2.21	1.92	1.63	1.70	1.20	1.15	0.87	0.90	0.91	0.62
NC_449	1.73	2.33	2.70	2.90	2.77	2.73	3.13	3.21	**3.27**	2.54	2.21	1.87	1.60	1.62	1.12	1.08	0.82	0.84	0.85	0.60
NC_450	1.40	2.12	2.66	2.95	2.89	2.96	3.46	3.58	**3.72**	2.82	2.60	2.20	1.88	1.95	1.34	1.28	0.97	0.99	1.01	0.69
NC_451	1.31	1.97	2.44	2.69	2.60	2.65	3.11	3.24	**3.36**	2.55	2.32	1.97	1.69	1.73	1.19	1.14	0.86	0.88	0.89	0.61
NC_452	1.01	1.65	2.16	2.59	2.95	3.80	4.40	4.99	5.25	5.20	4.93	5.25	**5.43**	4.69	3.79	4.63	4.11	4.35	4.60	3.44
NC_453	0.81	0.98	1.02	1.19	1.11	0.93	1.13	**1.24**	1.12	0.85	0.73	0.60	0.51	0.52	0.36	0.34	0.26	0.27	0.27	0.19
NC_454	0.45	0.62	0.74	0.82	0.86	0.92	1.05	1.07	**1.11**	0.88	0.85	0.74	0.63	0.65	0.46	0.44	0.34	0.35	0.35	0.24
NC_455	0.65	1.02	1.28	1.42	1.41	1.50	1.72	1.83	**1.90**	1.46	1.37	1.20	1.02	1.06	0.74	0.71	0.54	0.55	0.56	0.38
NC_456	1.27	1.52	1.45	**1.71**	1.60	1.29	1.48	1.54	1.37	0.95	0.82	0.60	0.52	0.52	0.35	0.34	0.26	0.27	0.27	0.19
NC_457	37.98	54.12	68.90	82.05	93.01	118.98	138.89	159.11	**171.75**	169.79	162.61	168.63	166.41	139.78	119.71	150.77	130.82	142.13	149.55	105.51
NC_458	14.67	20.17	24.74	28.48	31.28	37.44	41.03	45.98	49.35	49.43	47.79	**49.44**	48.64	43.96	35.64	41.61	38.34	39.92	43.14	30.23
NC_459	0.56	0.72	0.67	**0.79**	0.73	0.60	0.68	0.71	0.64	0.42	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_460	0.56	0.71	0.67	**0.79**	0.73	0.59	0.69	0.72	0.65	0.42	0.37	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_461	1.53	1.78	2.05	2.15	2.03	1.90	2.07	**2.18**	2.14	1.62	1.35	1.09	0.94	0.95	0.65	0.62	0.48	0.49	0.49	0.35
NC_462	1.44	1.71	1.77	**2.04**	1.91	1.59	1.84	1.95	1.78	1.28	1.10	0.83	0.71	0.72	0.48	0.46	0.35	0.36	0.37	0.26
NC_463	1.75	2.00	2.10	**2.36**	2.21	1.88	2.09	2.18	2.02	1.45	1.24	0.94	0.81	0.81	0.55	0.53	0.40	0.41	0.42	0.30
NC_464	0.29	0.36	0.41	0.49	0.45	0.38	0.48	**0.53**	0.47	0.35	0.31	0.25	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_465	1.25	1.49	1.49	**1.74**	1.63	1.33	1.55	1.64	1.45	1.04	0.90	0.67	0.58	0.58	0.39	0.38	0.29	0.30	0.30	0.21
NC_466	8.85	11.72	14.04	16.52	19.44	26.06	30.18	30.91	**31.71**	25.83	27.30	25.23	23.51	23.65	16.30	17.79	14.03	14.35	14.58	10.49
NC_467	0.21	0.26	0.34	0.39	0.35	0.32	0.40	**0.46**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.11	0.07
NC_468	0.70	0.87	0.82	**1.00**	0.93	0.73	0.90	0.96	0.85	0.59	0.51	0.38	0.33	0.33	0.22	0.22	0.16	0.17	0.17	0.12
NC_469	1.06	1.27	1.50	1.60	1.50	1.39	1.59	**1.69**	1.68	1.26	1.07	0.88	0.75	0.76	0.52	0.50	0.38	0.39	0.40	0.28
NC_470	1.59	2.19	2.65	2.88	2.92	3.08	3.45	3.48	**3.60**	2.81	2.81	2.41	2.06	2.16	1.56	1.51	1.16	1.19	1.20	0.84
NC_471	0.56	0.72	0.67	**0.79**	0.73	0.59	0.69	0.72	0.65	0.42	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_472	0.38	0.49	0.60	0.66	0.62	0.62	0.72	**0.82**	0.81	0.63	0.55	0.47	0.40	0.41	0.28	0.27	0.21	0.21	0.21	0.15
NC_473	0.58	0.74	0.69	**0.83**	0.77	0.61	0.73	0.77	0.69	0.46	0.40	0.29	0.25	0.25	0.17	0.16	0.13	0.13	0.13	0.09
NC_474	0.21	0.26	0.34	0.38	0.35	0.32	0.40	**0.46**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.11	0.07
NC_475	0.58	0.74	0.70	**0.80**	0.74	0.61	0.69	0.72	0.65	0.41	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_476	0.35	0.43	0.46	0.55	0.51	0.42	0.53	**0.58**	0.50	0.37	0.32	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_477	0.48	0.60	0.56	**0.70**	0.65	0.51	0.63	0.67	0.60	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_478	1.10	1.32	1.26	**1.49**	1.39	1.12	1.29	1.34	1.20	0.83	0.71	0.52	0.45	0.45	0.31	0.29	0.23	0.23	0.23	0.17
NC_479	1.77	2.02	2.06	**2.33**	2.19	1.84	2.02	2.08	1.92	1.36	1.16	0.86	0.75	0.75	0.51	0.49	0.37	0.38	0.39	0.27
NC_480	0.97	1.21	1.14	**1.32**	1.23	1.01	1.14	1.18	1.06	0.70	0.60	0.44	0.38	0.38	0.26	0.25	0.19	0.20	0.20	0.14
NC_481	0.30	0.46	0.57	0.63	0.64	0.69	0.79	0.83	**0.86**	0.68	0.64	0.56	0.48	0.50	0.35	0.34	0.25	0.26	0.26	0.18
NC_482	1.19	1.43	1.36	**1.62**	1.51	1.21	1.41	1.47	1.30	0.91	0.78	0.58	0.50	0.50	0.34	0.32	0.25	0.25	0.26	0.18
NC_483	9.10	12.18	14.69	16.65	19.39	26.07	30.56	31.58	**32.42**	26.92	27.80	26.34	24.68	24.34	16.56	18.78	14.87	15.23	15.46	11.11
NC_484	1.57	2.20	2.66	2.99	3.19	3.99	4.66	4.82	**4.96**	4.47	4.43	4.26	3.60	3.28	2.76	2.97	2.60	2.68	2.72	1.91
NC_485	2.70	3.69	4.44	4.92	4.98	5.19	5.81	5.86	**6.01**	4.71	5.02	4.41	3.86	3.95	2.98	3.02	2.40	2.46	2.49	1.73
NC_486	0.66	0.83	0.77	**0.95**	0.88	0.69	0.85	0.90	0.80	0.54	0.47	0.35	0.30	0.30	0.21	0.20	0.15	0.15	0.16	0.11
NC_487	0.70	0.89	0.85	**0.94**	0.88	0.74	0.81	0.84	0.76	0.48	0.42	0.30	0.26	0.26	0.18	0.17	0.13	0.14	0.14	0.10
NC_488	1.02	1.67	2.19	2.63	2.99	3.85	4.48	5.20	5.54	5.59	5.35	5.61	**5.80**	4.91	4.01	5.08	4.46	4.76	5.13	3.81
NC_489	0.73	0.91	0.85	**1.05**	0.97	0.77	0.94	1.00	0.88	0.61	0.53	0.40	0.34	0.34	0.23	0.22	0.17	0.17	0.18	0.12
NC_490	0.70	0.89	0.84	**0.95**	0.89	0.74	0.82	0.85	0.77	0.49	0.43	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_491	0.72	0.92	0.87	**0.98**	0.91	0.76	0.84	0.87	0.78	0.50	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_492	8.69	12.42	15.46	17.88	19.56	23.46	26.47	26.97	**27.76**	24.07	24.96	23.53	21.18	20.16	16.09	16.66	13.72	14.10	14.33	9.97
NC_493	1.01	1.21	1.20	**1.42**	1.32	1.08	1.26	1.33	1.18	0.84	0.72	0.54	0.46	0.46	0.31	0.30	0.23	0.24	0.24	0.17
NC_494	1.07	1.29	1.24	**1.47**	1.37	1.10	1.28	1.34	1.19	0.83	0.71	0.53	0.46	0.45	0.31	0.30	0.23	0.23	0.23	0.17
NC_495	0.44	0.55	0.54	**0.66**	0.61	0.48	0.60	0.65	0.57	0.40	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_496	0.54	0.69	0.65	**0.76**	0.71	0.57	0.67	0.70	0.63	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_497	0.27	0.44	0.55	0.62	0.63	0.68	0.78	0.80	**0.84**	0.65	0.62	0.55	0.46	0.48	0.34	0.32	0.25	0.25	0.26	0.17
NC_498	0.68	0.85	0.79	**0.96**	0.89	0.70	0.85	0.90	0.80	0.54	0.47	0.35	0.30	0.30	0.20	0.20	0.15	0.15	0.16	0.11
NC_499	14.66	20.16	24.74	28.49	31.33	37.59	41.27	46.01	49.44	49.63	48.01	**49.64**	48.82	44.28	35.99	41.84	38.60	40.18	43.40	30.41
NC_500	0.90	1.29	1.53	1.69	1.59	1.53	1.86	1.97	**2.02**	1.52	1.34	1.13	0.97	0.98	0.67	0.64	0.48	0.50	0.50	0.34
NC_501	1.77	2.02	2.09	**2.36**	2.22	1.87	2.06	2.14	1.96	1.40	1.20	0.89	0.77	0.77	0.52	0.50	0.38	0.39	0.40	0.28
NC_502	38.03	54.19	68.99	82.15	93.12	119.11	139.03	159.23	**171.86**	169.82	162.62	168.64	166.36	139.79	119.61	150.99	130.69	142.03	149.45	105.44
NC_503	1.29	1.55	1.47	**1.69**	1.58	1.31	1.43	1.47	1.32	0.90	0.77	0.57	0.49	0.49	0.33	0.32	0.25	0.25	0.25	0.18
NC_504	0.77	1.00	1.20	1.33	1.24	1.14	1.38	**1.50**	1.49	1.10	0.96	0.78	0.67	0.68	0.46	0.44	0.33	0.34	0.35	0.24
NC_505	0.73	0.87	0.94	1.08	1.01	0.86	1.03	**1.13**	1.03	0.78	0.67	0.55	0.47	0.48	0.33	0.31	0.24	0.24	0.25	0.17
NC_506	1.60	2.24	2.69	3.00	3.19	4.06	4.63	4.73	**4.86**	4.37	4.41	4.12	3.49	3.25	2.69	2.87	2.49	2.57	2.61	1.83
NC_507	2.66	3.04	3.09	**3.48**	3.26	2.75	2.98	3.07	2.84	2.00	1.72	1.27	1.10	1.10	0.74	0.71	0.55	0.56	0.57	0.41
NC_508	0.51	0.62	0.76	0.83	0.77	0.71	0.84	**0.94**	0.92	0.70	0.60	0.50	0.43	0.43	0.30	0.29	0.22	0.22	0.23	0.16
NC_509	0.36	0.54	0.65	0.72	0.68	0.69	0.82	0.91	**0.92**	0.70	0.61	0.52	0.44	0.46	0.31	0.30	0.22	0.23	0.23	0.16

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_510	1.73	1.99	2.04	**2.32**	2.17	1.82	2.02	2.09	1.92	1.36	1.17	0.87	0.75	0.75	0.51	0.49	0.37	0.38	0.39	0.28
NC_511	1.06	1.27	1.22	**1.45**	1.35	1.09	1.26	1.32	1.18	0.82	0.70	0.52	0.45	0.45	0.30	0.29	0.22	0.23	0.23	0.16
NC_512	0.69	0.87	0.81	**0.98**	0.91	0.72	0.87	0.91	0.81	0.55	0.47	0.35	0.30	0.30	0.21	0.20	0.15	0.15	0.16	0.11
NC_513	1.54	1.79	1.78	**2.03**	1.90	1.58	1.75	1.80	1.65	1.15	0.99	0.73	0.63	0.63	0.43	0.41	0.32	0.32	0.33	0.23
NC_514	0.85	1.07	1.01	**1.15**	1.07	0.89	0.98	1.02	0.92	0.60	0.51	0.37	0.32	0.32	0.22	0.21	0.16	0.17	0.17	0.12
NC_515	0.49	0.78	0.96	1.07	1.02	1.07	1.25	1.35	**1.39**	1.05	0.95	0.81	0.69	0.72	0.49	0.47	0.35	0.36	0.37	0.25
NC_516	1.69	1.92	1.97	**2.21**	2.07	1.75	1.90	1.95	1.82	1.28	1.10	0.82	0.71	0.71	0.48	0.46	0.35	0.36	0.37	0.26
NC_517	0.26	0.33	0.42	0.48	0.44	0.41	0.50	**0.58**	0.56	0.43	0.38	0.32	0.27	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_518	2.18	2.46	2.64	**2.87**	2.70	2.36	2.52	2.57	2.47	1.76	1.50	1.12	0.97	0.97	0.66	0.63	0.48	0.50	0.50	0.36
NC_519	38.09	54.25	69.08	82.25	93.23	119.23	139.16	159.34	**171.94**	169.74	162.49	168.50	166.33	139.66	119.43	150.96	130.51	141.71	149.12	105.21
NC_520	14.63	20.13	24.71	28.47	31.32	37.60	41.35	46.00	49.47	49.71	48.10	**49.71**	48.90	44.31	36.14	41.93	38.71	40.29	43.51	30.50
NC_521	0.21	0.27	0.34	0.39	0.36	0.32	0.40	**0.47**	0.45	0.34	0.29	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_522	1.49	1.77	1.73	**2.03**	1.90	1.55	1.78	1.86	1.64	1.18	1.01	0.75	0.65	0.65	0.44	0.42	0.32	0.33	0.34	0.24
NC_523	1.23	1.47	1.40	**1.65**	1.54	1.25	1.42	1.47	1.31	0.91	0.78	0.57	0.50	0.49	0.33	0.32	0.25	0.25	0.26	0.18
NC_524	8.59	12.30	15.34	17.77	19.47	23.42	26.46	27.03	**27.81**	24.18	24.97	23.67	21.25	20.21	16.18	16.81	13.83	14.22	14.45	10.06
NC_525	0.46	0.69	0.83	0.91	0.92	0.96	1.08	1.11	**1.15**	0.91	0.83	0.72	0.61	0.63	0.44	0.42	0.32	0.33	0.33	0.23
NC_526	10.97	14.10	16.14	17.23	16.52	16.54	18.77	19.31	**19.74**	15.43	16.64	15.03	13.89	14.86	11.79	12.08	9.66	9.91	10.08	7.08
NC_527	0.46	0.70	0.90	1.05	1.09	1.18	1.33	1.32	**1.38**	1.07	1.08	0.93	0.78	0.82	0.59	0.56	0.43	0.44	0.45	0.31
NC_528	0.68	1.04	1.35	1.60	1.78	2.10	2.33	2.33	**2.37**	1.89	2.09	1.78	1.55	1.56	1.19	1.16	0.90	0.92	0.93	0.64
NC_529	0.67	1.03	1.34	1.60	1.79	2.19	2.44	2.44	**2.50**	2.06	2.21	1.93	1.70	1.68	1.31	1.28	1.00	1.03	1.05	0.72
NC_530	0.63	0.79	0.74	**0.89**	0.83	0.66	0.78	0.83	0.74	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_531	0.55	0.69	0.64	**0.79**	0.73	0.57	0.70	0.74	0.66	0.45	0.38	0.29	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_532	38.17	54.35	69.21	82.41	93.40	119.43	139.37	159.53	**172.08**	169.72	162.45	168.48	166.22	139.86	119.51	150.95	130.50	141.83	148.86	105.03
NC_533	0.58	0.74	0.69	**0.80**	0.74	0.61	0.69	0.72	0.65	0.42	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_534	0.68	1.04	1.33	1.53	1.61	1.78	1.99	1.99	**2.08**	1.62	1.68	1.43	1.22	1.27	0.92	0.89	0.68	0.69	0.70	0.48
NC_535	38.23	54.42	69.31	82.52	93.52	119.57	139.51	159.64	**172.11**	169.53	162.21	168.20	166.09	139.77	119.32	150.60	130.33	141.34	148.36	104.69
NC_536	0.67	1.04	1.34	1.58	1.73	1.95	2.16	2.16	**2.22**	1.75	1.89	1.59	1.37	1.41	1.05	1.02	0.78	0.80	0.81	0.56
NC_537	0.59	0.76	0.72	**0.81**	0.75	0.63	0.70	0.72	0.66	0.42	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_538	2.36	2.64	2.88	**3.13**	2.95	2.58	2.77	2.84	2.72	1.96	1.66	1.26	1.09	1.09	0.74	0.71	0.54	0.55	0.56	0.40
NC_539	8.49	12.18	15.21	17.64	19.35	23.33	26.43	27.05	**27.83**	24.27	24.96	23.75	21.33	20.14	16.13	16.88	13.92	14.33	14.56	10.13
NC_540	0.57	0.72	0.68	**0.79**	0.73	0.60	0.68	0.71	0.64	0.41	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_541	1.65	2.30	2.72	3.02	3.20	4.24	4.67	4.69	**4.81**	4.23	4.52	4.04	3.38	3.19	2.63	2.76	2.35	2.42	2.46	1.72
NC_542	0.56	0.72	0.67	**0.79**	0.73	0.59	0.68	0.72	0.65	0.42	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_543	2.69	3.05	3.40	**3.58**	3.39	3.06	3.21	3.25	3.22	2.32	1.96	1.49	1.30	1.30	0.88	0.84	0.65	0.66	0.67	0.48
NC_544	0.40	0.50	0.55	0.66	0.61	0.50	0.64	**0.71**	0.63	0.47	0.41	0.33	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.10
NC_545	0.59	0.68	0.84	0.94	0.87	0.78	0.94	**1.06**	1.02	0.78	0.67	0.56	0.48	0.49	0.34	0.33	0.25	0.25	0.26	0.18
NC_546	0.29	0.36	0.46	0.53	0.49	0.44	0.55	**0.64**	0.61	0.46	0.40	0.34	0.29	0.30	0.21	0.20	0.15	0.15	0.16	0.11
NC_547	0.24	0.29	0.36	0.42	0.39	0.34	0.43	**0.49**	0.45	0.34	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_548	0.67	0.77	0.77	**0.88**	0.83	0.69	0.75	0.77	0.71	0.50	0.43	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_549	0.46	0.59	0.55	**0.68**	0.63	0.49	0.61	0.65	0.58	0.39	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_550	0.59	0.69	0.84	0.96	0.89	0.77	0.94	**1.05**	0.98	0.73	0.63	0.50	0.43	0.44	0.30	0.29	0.22	0.22	0.22	0.15
NC_551	0.75	1.00	1.20	1.32	1.23	1.14	1.39	1.53	**1.54**	1.15	1.01	0.84	0.72	0.74	0.50	0.48	0.36	0.37	0.38	0.26
NC_552	1.00	1.19	1.22	**1.43**	1.33	1.09	1.29	1.37	1.22	0.88	0.76	0.57	0.49	0.50	0.33	0.32	0.24	0.25	0.25	0.18
NC_553	0.83	0.96	1.07	1.20	1.12	0.98	1.13	**1.21**	1.12	0.84	0.71	0.56	0.48	0.49	0.33	0.32	0.24	0.25	0.25	0.18
NC_554	0.22	0.29	0.37	0.41	0.38	0.35	0.43	**0.50**	0.48	0.36	0.31	0.26	0.22	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_555	4.84	5.54	5.92	**6.47**	6.09	5.30	5.75	5.88	5.59	4.01	3.41	2.58	2.24	2.23	1.51	1.45	1.11	1.14	1.15	0.82
NC_556	0.31	0.38	0.43	0.51	0.47	0.39	0.50	**0.55**	0.49	0.36	0.31	0.25	0.21	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_557	0.58	0.73	0.68	**0.84**	0.78	0.61	0.75	0.80	0.71	0.48	0.41	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_558	8.47	12.17	15.20	17.65	19.40	23.50	26.86	27.69	**28.49**	24.97	25.40	24.53	22.05	20.42	16.45	17.42	14.52	14.94	15.17	10.57
NC_559	5.12	5.92	6.42	**6.89**	6.50	5.78	6.19	6.27	6.15	4.41	3.73	2.85	2.47	2.47	1.67	1.61	1.23	1.26	1.28	0.91
NC_560	1.14	1.70	2.23	2.68	3.05	3.94	4.59	5.41	5.78	5.91	5.69	5.91	**6.12**	5.13	4.27	5.42	4.78	5.11	5.54	4.09
NC_561	5.85	6.85	7.49	**7.96**	7.52	6.79	7.22	7.25	7.22	5.22	4.42	3.41	2.96	2.95	2.00	1.92	1.47	1.51	1.53	1.08
NC_562	1.03	1.29	1.21	**1.40**	1.31	1.07	1.22	1.27	1.14	0.75	0.65	0.48	0.41	0.41	0.28	0.27	0.21	0.21	0.21	0.15
NC_563	0.73	0.91	0.84	**1.03**	0.96	0.75	0.92	0.97	0.86	0.59	0.51	0.38	0.33	0.33	0.22	0.21	0.16	0.17	0.17	0.12
NC_564	0.83	0.96	1.05	**1.18**	1.11	0.95	1.09	1.16	1.06	0.79	0.67	0.52	0.45	0.45	0.31	0.29	0.23	0.23	0.23	0.17
NC_565	0.58	0.74	0.70	**0.80**	0.74	0.61	0.69	0.72	0.65	0.42	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_566	0.64	0.81	0.76	**0.89**	0.83	0.67	0.77	0.81	0.73	0.47	0.41	0.30	0.26	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_567	0.55	0.69	0.65	**0.77**	0.71	0.57	0.67	0.70	0.63	0.41	0.35	0.26	0.23	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_568	0.37	0.46	0.47	0.57	0.53	0.43	0.54	**0.59**	0.51	0.37	0.32	0.25	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_569	0.47	0.54	0.58	**0.66**	0.61	0.52	0.59	0.62	0.58	0.41	0.35	0.27	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_570	0.40	0.50	0.50	0.62	0.57	0.46	0.57	**0.63**	0.55	0.39	0.34	0.26	0.23	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_571	14.80	20.32	24.97	28.90	32.18	39.32	43.37	46.38	50.43	**51.36**	49.89	51.19	50.59	46.24	38.34	43.92	40.69	42.32	45.57	31.96
NC_572	0.59	0.70	0.80	0.91	0.85	0.73	0.88	**0.98**	0.92	0.69	0.60	0.49	0.42	0.43	0.29	0.28	0.21	0.22	0.22	0.15
NC_573	6.17	7.58	8.28	**8.71**	8.27	7.66	8.15	8.04	8.16	6.06	5.09	4.02	3.49	3.49	2.36	2.27	1.74	1.78	1.81	1.28
NC_574	24.12	34.61	43.09	50.07	55.63	68.65	78.53	83.06	**86.38**	82.67	77.87	83.65	82.13	73.20	59.89	69.01	62.13	64.40	67.99	47.66
NC_575	4.97	7.11	8.73	9.64	9.53	9.86	11.40	11.74	**12.21**	9.31	8.70	7.40	6.35	6.58	4.55	4.37	3.30	3.39	3.44	2.36
NC_576	0.50	0.63	0.58	**0.72**	0.67	0.52	0.65	0.69	0.61	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_577	8.73	11.62	14.00	16.26	18.93	25.24	29.74	31.39	**32.33**	27.62	27.56	27.14	25.61	24.11	16.69	19.44	15.90	16.44	16.55	11.87
NC_578	0.36	0.45	0.46	0.56	0.52	0.42	0.53	**0.58**	0.50	0.37	0.32	0.25	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_579	0.52	0.61	0.78	0.88	0.81	0.72	0.88	**1.00**	0.95	0.71	0.61	0.50	0.43	0.43	0.29	0.28	0.21	0.22	0.22	0.15
NC_580	0.64	0.81	0.77	**0.86**	0.81	0.68	0.74	0.77	0.70	0.44	0.38	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.13	0.09
NC_581	8.72	11.12	12.73	13.50	13.05	12.53	**13.65**	13.38	13.55	10.36	8.90	7.30	6.33	6.39	4.37	4.21	3.25	3.30	3.34	2.37
NC_582	0.22	0.27	0.35	0.39	0.36	0.32	0.41	**0.47**	0.45	0.34	0.29	0.24	0.21	0.21	0.14	0.14	0.10	0.10	0.11	0.07

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_583	0.64	0.80	0.75	**0.92**	0.86	0.67	0.83	0.88	0.78	0.54	0.47	0.35	0.30	0.30	0.21	0.20	0.15	0.15	0.16	0.11
NC_584	0.50	0.63	0.58	**0.72**	0.67	0.52	0.65	0.69	0.61	0.41	0.36	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_585	8.37	12.04	15.07	17.51	19.27	23.40	26.77	27.70	**28.52**	25.07	25.37	24.60	22.11	20.34	16.47	17.53	14.65	15.07	15.31	10.66
NC_586	6.63	8.26	9.11	**9.52**	9.07	8.50	9.04	8.88	9.08	6.81	5.71	4.55	3.95	3.96	2.68	2.57	1.97	2.02	2.05	1.45
NC_587	11.60	16.63	20.68	24.02	26.58	32.41	36.92	38.63	**39.79**	35.33	34.90	34.68	31.46	28.38	23.24	25.43	21.30	21.94	22.27	15.68
NC_588	1.74	2.07	2.00	**2.33**	2.18	1.78	2.01	2.09	1.87	1.30	1.12	0.82	0.71	0.71	0.48	0.46	0.35	0.36	0.37	0.26
NC_589	0.61	0.71	0.86	0.98	0.91	0.79	0.96	**1.07**	1.00	0.74	0.65	0.52	0.44	0.45	0.31	0.29	0.22	0.23	0.23	0.16
NC_590	1.93	2.15	2.53	2.76	2.60	2.34	2.65	**2.85**	2.70	2.07	1.73	1.42	1.22	1.24	0.85	0.82	0.63	0.65	0.65	0.46
NC_591	8.06	10.49	12.23	13.23	13.05	12.88	**14.05**	13.74	13.86	10.76	9.44	7.82	6.79	6.89	4.77	4.59	3.54	3.60	3.65	2.58
NC_592	0.63	0.79	0.74	**0.91**	0.84	0.66	0.81	0.86	0.76	0.52	0.45	0.34	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.11
NC_593	24.10	34.59	43.06	50.05	55.60	68.63	78.53	83.15	**86.47**	82.78	77.97	83.70	82.24	73.31	59.95	69.13	62.26	64.53	68.12	47.75
NC_594	0.26	0.31	0.38	0.45	0.41	0.35	0.45	**0.50**	0.46	0.34	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.10	0.11	0.07
NC_595	4.77	6.78	8.29	9.11	8.97	9.26	10.71	11.08	**11.51**	8.78	8.14	6.92	5.93	6.14	4.25	4.09	3.09	3.17	3.21	2.21
NC_596	1.06	1.26	1.30	**1.51**	1.41	1.17	1.36	1.45	1.30	0.94	0.81	0.61	0.53	0.53	0.36	0.35	0.26	0.27	0.27	0.19
NC_597	0.61	0.78	0.74	**0.82**	0.77	0.65	0.70	0.73	0.66	0.42	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_598	37.73	53.38	67.99	80.86	91.55	116.86	136.21	155.03	**165.87**	161.29	153.46	159.99	157.93	135.20	113.78	141.40	122.84	132.29	138.09	97.18
NC_599	1.19	1.43	1.37	**1.61**	1.50	1.22	1.39	1.44	1.29	0.89	0.76	0.56	0.49	0.49	0.33	0.32	0.24	0.25	0.25	0.18
NC_600	7.07	8.92	9.95	**10.39**	9.92	9.39	10.04	9.87	10.05	7.63	6.40	5.16	4.48	4.49	3.04	2.92	2.24	2.29	2.32	1.65
NC_601	24.09	34.56	43.04	50.02	55.57	68.61	78.51	83.23	**86.54**	82.87	78.07	83.80	82.33	73.33	60.01	69.23	62.37	64.65	68.24	47.84
NC_602	1.58	1.83	1.98	**2.26**	2.11	1.79	2.07	2.22	2.03	1.48	1.27	0.97	0.84	0.84	0.57	0.55	0.42	0.43	0.43	0.30
NC_603	24.57	34.98	43.59	50.81	56.77	71.45	82.76	89.85	**93.63**	89.27	85.03	89.57	89.38	79.33	67.80	77.85	69.40	72.16	75.85	53.20
NC_604	32.48	44.62	55.90	66.57	75.37	96.52	111.75	119.84	**124.04**	114.76	109.72	115.38	114.32	103.51	83.54	97.89	85.91	89.14	93.28	65.33
NC_605	38.65	54.87	69.95	83.22	94.25	120.37	140.33	159.98	**171.40**	167.12	159.14	165.87	163.84	139.88	118.09	146.78	127.74	137.50	143.74	101.34
NC_606	24.40	34.89	43.49	50.70	56.69	71.37	82.63	89.90	**93.72**	89.41	85.19	89.77	89.48	79.48	67.43	78.20	69.50	72.35	76.13	53.40
NC_607	24.88	35.04	43.67	50.88	56.83	71.51	82.85	89.87	**93.61**	89.23	85.00	89.50	89.29	79.48	67.62	77.65	69.46	72.05	75.74	53.13
NC_608	8.26	10.20	11.33	**11.93**	11.36	10.63	11.36	11.16	11.29	8.42	7.14	5.69	4.94	4.95	3.36	3.29	2.47	2.53	2.56	1.82
NC_609	6.34	8.20	9.48	10.08	9.83	9.56	**10.42**	10.19	10.33	7.98	6.88	5.72	4.97	5.04	3.43	3.29	2.55	2.69	2.62	1.86
NC_610	32.36	44.47	55.83	66.45	75.24	96.32	111.53	119.98	**124.27**	115.18	109.95	115.78	114.63	103.73	83.95	98.22	86.29	89.74	93.88	65.76
NC_611	0.95	1.19	1.11	**1.31**	1.22	0.99	1.14	1.19	1.06	0.71	0.61	0.45	0.39	0.39	0.26	0.25	0.19	0.20	0.20	0.14
NC_612	2.01	2.30	2.54	**2.79**	2.61	2.29	2.56	2.70	2.59	1.87	1.60	1.23	1.07	1.07	0.72	0.70	0.53	0.54	0.55	0.39
NC_613	1.15	1.37	1.38	**1.61**	1.51	1.24	1.44	1.52	1.36	0.98	0.84	0.63	0.55	0.55	0.37	0.36	0.27	0.28	0.28	0.20
NC_614	0.88	1.22	1.44	1.58	1.49	1.40	1.70	1.82	**1.85**	1.39	1.22	1.01	0.86	0.89	0.60	0.58	0.44	0.45	0.45	0.31
NC_615	0.39	0.48	0.51	0.61	0.57	0.46	0.57	**0.62**	0.55	0.40	0.34	0.26	0.22	0.23	0.15	0.15	0.11	0.11	0.11	0.08
NC_616	24.30	34.83	43.38	50.46	56.15	69.83	80.50	85.80	**89.31**	85.24	80.71	85.91	84.99	75.16	63.46	72.39	65.00	67.34	70.96	49.76
NC_617	0.61	0.76	0.72	**0.89**	0.83	0.65	0.80	0.86	0.76	0.53	0.46	0.35	0.30	0.30	0.20	0.19	0.15	0.15	0.15	0.11
NC_618	0.54	0.68	0.64	**0.76**	0.71	0.57	0.66	0.70	0.63	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_619	32.33	44.43	55.82	66.45	75.24	96.30	111.48	119.70	**123.93**	114.76	109.66	115.40	114.25	103.57	83.68	97.80	85.83	89.27	93.41	65.42
NC_620	37.75	53.40	68.03	80.90	91.59	116.91	136.27	155.04	**165.78**	161.01	153.12	159.77	157.61	135.02	113.81	140.96	122.55	131.79	137.58	96.83
NC_621	38.59	54.81	69.86	83.13	94.15	120.25	140.20	159.89	**171.44**	167.34	159.43	166.04	164.03	139.68	118.31	146.98	128.13	137.99	144.24	101.68
NC_622	0.30	0.45	0.54	0.59	0.58	0.62	0.71	0.76	**0.79**	0.61	0.55	0.48	0.41	0.42	0.29	0.28	0.21	0.22	0.22	0.15
NC_623	24.26	34.77	43.31	50.40	56.15	70.02	80.92	87.31	**90.89**	86.93	82.49	87.34	86.55	76.55	64.49	74.98	66.97	69.36	73.01	51.20
NC_624	0.64	0.81	0.77	**0.88**	0.82	0.68	0.76	0.79	0.71	0.46	0.39	0.29	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_625	1.62	2.14	2.44	2.61	2.50	2.44	2.76	2.80	**2.84**	2.22	1.91	1.62	1.39	1.42	0.98	0.95	0.72	0.74	0.75	0.53
NC_626	11.70	16.76	20.83	24.18	26.74	32.54	37.05	38.64	**39.73**	35.24	34.92	34.64	31.42	28.38	23.17	25.39	21.19	21.80	22.13	15.58
NC_627	0.26	0.32	0.39	0.46	0.42	0.36	0.46	**0.52**	0.47	0.36	0.31	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_628	0.28	0.34	0.40	0.47	0.44	0.37	0.46	**0.52**	0.47	0.35	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_629	24.29	34.83	43.38	50.46	56.16	69.90	80.70	86.30	**89.86**	85.81	81.29	86.37	85.48	75.63	64.30	73.20	65.62	67.97	71.61	50.22
NC_630	0.65	0.93	1.12	1.23	1.16	1.12	1.36	1.48	**1.50**	1.13	1.00	0.85	0.72	0.74	0.51	0.49	0.37	0.38	0.38	0.26
NC_631	0.62	0.78	0.75	**0.83**	0.77	0.65	0.70	0.73	0.66	0.42	0.36	0.26	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_632	0.56	0.71	0.66	**0.78**	0.73	0.59	0.68	0.72	0.65	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_633	0.58	0.74	0.70	**0.81**	0.75	0.61	0.70	0.73	0.66	0.43	0.37	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_634	7.95	10.56	12.50	13.73	13.82	13.95	**15.26**	14.97	15.06	11.80	10.66	8.83	7.68	7.76	5.48	5.27	4.04	4.13	4.19	2.95
NC_635	10.07	13.66	16.44	18.35	18.97	20.03	22.13	22.09	**22.39**	17.80	18.95	17.56	16.18	16.64	13.29	13.97	11.27	11.58	11.77	8.27
NC_636	0.46	0.58	0.55	**0.68**	0.63	0.50	0.62	0.66	0.59	0.40	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_637	8.24	11.88	14.90	17.35	19.16	23.45	27.09	28.48	**29.46**	26.12	25.90	25.64	23.07	20.77	16.88	18.55	15.60	16.07	16.32	11.38
NC_638	1.23	1.48	1.42	**1.68**	1.57	1.27	1.47	1.54	1.37	0.97	0.83	0.62	0.53	0.53	0.36	0.35	0.27	0.27	0.28	0.20
NC_639	3.87	5.51	6.73	7.39	7.31	7.55	8.71	8.99	**9.36**	7.17	6.61	5.64	4.84	4.99	3.45	3.32	2.51	2.57	2.61	1.80
NC_640	0.26	0.40	0.49	0.55	0.55	0.59	0.67	0.71	**0.74**	0.58	0.53	0.47	0.40	0.41	0.28	0.27	0.21	0.21	0.21	0.14
NC_641	0.61	0.77	0.73	**0.82**	0.76	0.64	0.70	0.73	0.66	0.42	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_642	4.82	6.98	8.56	9.82	10.68	12.31	**13.36**	13.25	13.29	10.98	11.22	9.77	8.64	8.42	6.69	6.69	5.24	5.40	5.47	3.94
NC_643	0.60	0.76	0.72	**0.81**	0.76	0.63	0.70	0.72	0.66	0.42	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_644	8.83	10.50	11.76	**12.48**	11.79	10.76	11.67	11.88	11.89	8.72	7.42	5.81	5.02	5.05	3.42	3.28	2.51	2.57	2.60	1.84
NC_645	0.49	0.62	0.60	**0.73**	0.68	0.54	0.67	0.72	0.63	0.44	0.38	0.29	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_646	0.22	0.27	0.35	0.39	0.36	0.32	0.41	**0.47**	0.45	0.34	0.29	0.24	0.21	0.21	0.14	0.14	0.10	0.10	0.11	0.07
NC_647	0.60	0.76	0.71	**0.82**	0.77	0.63	0.71	0.75	0.67	0.43	0.37	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_648	1.88	2.20	2.53	2.71	2.55	2.34	2.64	**2.77**	2.73	2.06	1.74	1.42	1.22	1.23	0.85	0.81	0.62	0.64	0.64	0.45
NC_649	1.23	1.38	1.64	1.79	1.68	1.51	1.72	**1.87**	1.77	1.35	1.13	0.92	0.79	0.80	0.55	0.53	0.40	0.41	0.42	0.29
NC_650	24.27	34.79	43.33	50.41	56.12	69.86	80.67	86.45	**90.00**	85.99	81.48	86.50	85.65	75.80	63.64	73.49	65.84	68.20	71.84	50.38
NC_651	0.80	0.99	0.93	**1.11**	1.04	0.82	0.98	1.03	0.92	0.62	0.53	0.39	0.34	0.34	0.23	0.22	0.17	0.17	0.18	0.12
NC_652	37.72	53.34	67.96	80.80	91.46	116.70	135.92	153.84	**163.59**	157.70	149.35	156.90	154.95	134.02	112.26	137.25	119.60	127.54	133.28	93.80
NC_653	0.94	1.13	1.15	**1.35**	1.26	1.03	1.22	1.30	1.15	0.83	0.71	0.54	0.47	0.47	0.32	0.30	0.23	0.24	0.24	0.17
NC_654	1.00	1.18	1.23	**1.43**	1.33	1.11	1.30	1.39	1.25	0.91	0.78	0.60	0.51	0.52	0.35	0.34	0.26	0.26	0.27	0.19
NC_655	0.77	0.95	1.16	1.27	1.19	1.08	1.30	**1.43**	1.41	1.05	0.91	0.74	0.63	0.64	0.43	0.42	0.31	0.32	0.33	0.23

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_656	7.70	9.10	10.19	**10.87**	10.25	9.29	10.12	10.34	10.31	7.51	6.40	4.99	4.31	4.33	2.93	2.81	2.15	2.20	2.23	1.57
NC_657	24.29	34.81	43.36	50.46	56.20	70.05	80.95	87.15	**90.72**	86.73	82.26	87.16	86.38	76.48	64.82	74.62	66.69	69.08	72.73	51.00
NC_658	36.90	51.08	62.90	72.78	82.73	106.83	124.51	135.53	**140.92**	131.41	123.95	131.38	129.16	117.18	95.92	111.29	97.46	101.44	105.87	74.16
NC_659	0.88	1.04	1.10	**1.28**	1.19	0.99	1.17	1.26	1.13	0.82	0.71	0.54	0.47	0.47	0.32	0.30	0.23	0.24	0.24	0.17
NC_660	24.25	34.77	43.31	50.38	56.10	69.85	80.65	86.53	**90.07**	86.08	81.57	86.59	85.75	75.96	63.80	73.64	65.95	68.32	71.96	50.46
NC_661	1.07	1.24	1.29	**1.47**	1.38	1.17	1.34	1.41	1.25	0.93	0.79	0.61	0.53	0.53	0.36	0.35	0.27	0.27	0.28	0.20
NC_662	0.54	0.68	0.85	0.94	0.88	0.80	0.98	**1.11**	1.09	0.82	0.72	0.60	0.51	0.52	0.36	0.34	0.26	0.26	0.27	0.18
NC_663	0.45	0.57	0.54	**0.67**	0.62	0.49	0.61	0.65	0.58	0.40	0.34	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_664	1.39	1.59	1.77	**1.97**	1.84	1.60	1.80	1.92	1.81	1.31	1.13	0.87	0.75	0.75	0.51	0.49	0.37	0.38	0.39	0.27
NC_665	0.59	0.69	0.83	0.94	0.87	0.76	0.92	**1.03**	0.96	0.71	0.62	0.49	0.42	0.43	0.29	0.28	0.21	0.21	0.22	0.15
NC_666	37.77	53.40	68.05	80.89	91.56	116.83	136.07	153.97	**163.69**	157.72	149.35	156.92	154.99	134.23	112.30	136.99	119.46	127.44	133.17	93.72
NC_667	0.35	0.43	0.49	0.59	0.54	0.45	0.58	**0.65**	0.58	0.44	0.38	0.31	0.26	0.27	0.18	0.17	0.13	0.14	0.14	0.09
NC_668	0.27	0.33	0.40	0.47	0.44	0.37	0.47	**0.54**	0.49	0.37	0.32	0.26	0.22	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_669	0.52	0.65	0.60	**0.75**	0.69	0.54	0.67	0.71	0.63	0.42	0.37	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_670	0.61	0.77	0.72	**0.85**	0.80	0.64	0.75	0.78	0.70	0.46	0.40	0.29	0.25	0.25	0.17	0.16	0.13	0.13	0.13	0.09
NC_671	0.35	0.43	0.49	0.58	0.53	0.45	0.57	**0.64**	0.57	0.43	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_672	1.19	1.39	1.51	**1.71**	1.60	1.37	1.57	1.66	1.55	1.13	0.97	0.74	0.64	0.64	0.43	0.41	0.32	0.32	0.33	0.23
NC_673	0.67	0.85	0.80	**0.92**	0.86	0.70	0.80	0.83	0.75	0.49	0.42	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_674	0.46	0.58	0.55	**0.68**	0.63	0.49	0.61	0.65	0.58	0.40	0.34	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_675	1.62	1.88	2.13	**2.32**	2.18	1.93	2.17	2.30	2.24	1.63	1.40	1.09	0.94	0.95	0.64	0.62	0.47	0.48	0.49	0.34
NC_676	1.07	1.23	1.42	1.58	1.47	1.29	1.48	**1.61**	1.53	1.11	0.96	0.75	0.64	0.65	0.44	0.42	0.32	0.33	0.33	0.23
NC_677	0.67	0.85	0.79	**0.94**	0.88	0.70	0.83	0.87	0.78	0.52	0.44	0.33	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_678	1.24	1.63	1.86	2.00	1.91	1.97	2.22	2.32	**2.35**	1.87	1.62	1.40	1.20	1.23	0.86	0.83	0.63	0.65	0.66	0.46
NC_679	2.62	3.05	3.45	**3.75**	3.52	3.13	3.51	3.69	3.62	2.62	2.25	1.75	1.51	1.52	1.03	0.99	0.75	0.77	0.78	0.55
NC_680	0.35	0.44	0.46	0.56	0.52	0.42	0.53	**0.58**	0.50	0.37	0.32	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_681	5.53	6.46	7.23	**7.68**	7.24	6.55	7.08	7.24	7.25	5.25	4.46	3.46	2.99	3.01	2.03	1.95	1.49	1.53	1.55	1.09
NC_682	0.85	0.99	1.14	1.30	1.21	1.05	1.25	**1.38**	1.28	0.94	0.81	0.64	0.55	0.56	0.37	0.36	0.27	0.28	0.28	0.20
NC_683	0.23	0.28	0.36	0.41	0.38	0.34	0.42	**0.49**	0.46	0.35	0.30	0.25	0.21	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_684	0.89	1.07	1.09	**1.28**	1.19	0.98	1.16	1.24	1.10	0.79	0.68	0.52	0.45	0.45	0.30	0.29	0.22	0.23	0.23	0.16
NC_685	0.34	0.41	0.45	0.53	0.49	0.41	0.51	**0.56**	0.50	0.37	0.32	0.25	0.21	0.21	0.15	0.14	0.11	0.11	0.11	0.08
NC_686	4.95	7.14	8.67	9.84	10.53	11.62	**12.63**	12.55	12.55	10.23	10.37	8.91	7.82	7.75	6.07	5.99	4.69	4.92	4.88	3.53
NC_687	2.89	3.71	4.20	4.49	4.26	3.99	4.53	4.65	**4.72**	3.53	3.05	2.48	2.14	2.17	1.47	1.42	1.08	1.11	1.12	0.78
NC_688	1.28	1.53	1.55	**1.83**	1.70	1.39	1.64	1.75	1.57	1.12	0.96	0.73	0.63	0.63	0.43	0.41	0.31	0.32	0.32	0.23
NC_689	0.52	0.66	0.61	**0.75**	0.70	0.55	0.67	0.71	0.64	0.43	0.37	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_690	0.98	1.22	1.42	1.54	1.62	1.71	1.89	1.94	**1.94**	1.60	1.42	1.23	1.05	1.08	0.77	0.75	0.57	0.58	0.63	0.47
NC_691	0.34	0.42	0.49	0.58	0.53	0.45	0.57	**0.64**	0.58	0.44	0.38	0.31	0.26	0.27	0.18	0.18	0.13	0.14	0.14	0.09
NC_692	0.89	1.06	1.25	1.32	1.25	1.16	1.31	**1.40**	1.36	1.04	0.86	0.70	0.60	0.61	0.42	0.40	0.33	0.33	0.36	0.28
NC_693	1.48	1.81	2.07	2.20	2.16	2.29	2.55	2.65	**2.70**	2.18	1.99	1.72	1.46	1.52	1.10	1.06	0.81	0.83	0.88	0.65
NC_694	0.43	0.51	0.62	0.72	0.66	0.57	0.71	**0.79**	0.73	0.54	0.47	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.16	0.11
NC_695	1.08	1.22	1.41	1.55	1.46	1.31	1.50	**1.62**	1.53	1.18	0.99	0.82	0.71	0.71	0.49	0.47	0.36	0.37	0.38	0.27
NC_696	36.87	51.06	62.91	72.86	82.76	106.86	124.56	135.94	**141.40**	132.05	124.46	131.94	129.81	117.27	96.21	112.26	98.21	102.22	106.65	74.72
NC_697	0.85	0.99	1.05	**1.20**	1.12	0.95	1.10	1.17	1.06	0.79	0.67	0.53	0.45	0.46	0.31	0.30	0.23	0.23	0.24	0.17
NC_698	0.24	0.30	0.39	0.45	0.41	0.37	0.46	**0.53**	0.51	0.38	0.34	0.28	0.24	0.24	0.17	0.16	0.12	0.12	0.13	0.09
NC_699	0.58	0.73	0.69	**0.80**	0.74	0.61	0.69	0.73	0.66	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_700	37.84	53.47	68.15	81.00	91.68	116.97	136.22	154.02	**163.35**	157.05	148.53	156.27	154.38	134.12	111.82	136.22	118.70	126.64	132.02	92.93
NC_701	8.01	10.23	11.61	12.37	11.75	11.05	12.29	12.34	**12.59**	9.37	8.10	6.53	5.65	5.72	3.87	3.71	2.83	2.90	2.94	2.07
NC_702	0.54	0.68	0.64	**0.76**	0.70	0.56	0.66	0.70	0.63	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_703	0.56	0.71	0.66	**0.78**	0.73	0.59	0.68	0.71	0.64	0.42	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_704	0.26	0.31	0.39	0.46	0.42	0.37	0.46	**0.53**	0.49	0.37	0.32	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_705	0.32	0.39	0.49	0.57	0.52	0.45	0.58	**0.66**	0.61	0.46	0.41	0.34	0.29	0.30	0.20	0.19	0.15	0.15	0.15	0.10
NC_706	3.31	3.84	4.22	**4.47**	4.21	3.79	4.05	4.12	4.11	2.93	2.50	1.91	1.65	1.66	1.12	1.08	0.82	0.84	0.86	0.61
NC_707	1.07	1.27	1.27	**1.50**	1.40	1.14	1.34	1.41	1.25	0.90	0.77	0.58	0.50	0.50	0.34	0.33	0.25	0.25	0.26	0.18
NC_708	7.97	10.10	11.39	12.12	11.49	10.74	11.92	12.04	**12.25**	9.07	7.81	6.27	5.42	5.48	3.70	3.55	2.71	2.78	2.81	1.98
NC_709	4.17	5.69	6.87	7.67	7.92	8.33	9.18	9.13	**9.19**	7.30	6.89	5.81	5.02	4.95	3.71	3.59	2.75	2.81	2.85	2.00
NC_710	1.70	2.32	2.74	2.96	2.90	3.00	3.38	3.49	**3.56**	2.80	2.53	2.18	1.86	1.92	1.36	1.31	1.00	1.02	1.04	0.72
NC_711	0.35	0.44	0.46	0.56	0.51	0.42	0.52	**0.58**	0.50	0.37	0.32	0.25	0.21	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_712	0.47	0.60	0.56	**0.69**	0.64	0.50	0.62	0.66	0.59	0.40	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_713	0.65	0.76	0.90	1.03	0.96	0.83	1.00	**1.12**	1.04	0.77	0.67	0.53	0.46	0.46	0.31	0.30	0.23	0.23	0.24	0.16
NC_714	37.90	53.53	68.25	81.10	91.78	117.09	136.34	153.92	**162.84**	156.13	147.47	155.53	153.67	134.01	111.37	135.27	117.85	125.63	130.64	91.97
NC_715	0.86	1.05	1.28	1.40	1.31	1.19	1.43	**1.57**	1.56	1.16	1.00	0.82	0.70	0.72	0.48	0.47	0.35	0.36	0.37	0.25
NC_716	0.36	0.44	0.51	0.61	0.56	0.47	0.60	**0.68**	0.62	0.47	0.41	0.33	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.10
NC_717	0.74	0.87	0.95	1.11	1.03	0.87	1.03	**1.12**	1.02	0.75	0.64	0.50	0.43	0.43	0.29	0.28	0.21	0.22	0.22	0.15
NC_718	0.92	1.13	1.39	1.57	1.46	1.30	1.60	**1.78**	1.71	1.27	1.10	0.90	0.77	0.78	0.53	0.51	0.38	0.39	0.40	0.27
NC_719	1.19	1.62	1.92	2.16	2.33	2.72	2.91	2.98	**3.03**	2.69	2.67	2.48	2.25	2.16	1.77	1.78	1.46	1.50	1.52	1.07
NC_720	1.54	1.98	2.35	2.56	2.40	2.22	2.66	2.88	**2.90**	2.16	1.88	1.55	1.33	1.36	0.92	0.88	0.67	0.69	0.69	0.48
NC_721	0.50	0.63	0.58	**0.72**	0.67	0.52	0.65	0.69	0.61	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_722	0.84	1.01	1.06	**1.24**	1.15	0.95	1.14	1.24	1.10	0.80	0.69	0.53	0.46	0.46	0.31	0.30	0.23	0.23	0.24	0.17
NC_723	0.72	0.85	0.90	1.03	0.96	0.82	0.96	**1.05**	0.97	0.73	0.62	0.50	0.43	0.43	0.30	0.28	0.22	0.22	0.23	0.16
NC_724	0.45	0.56	0.59	0.71	0.66	0.53	0.67	**0.74**	0.64	0.48	0.42	0.33	0.28	0.28	0.19	0.19	0.14	0.14	0.15	0.10
NC_725	4.45	6.02	7.21	7.98	8.09	8.30	9.20	9.17	**9.26**	7.29	6.75	5.67	4.90	4.89	3.57	3.45	2.64	2.70	2.74	1.92
NC_726	0.24	0.29	0.36	0.42	0.39	0.34	0.43	**0.49**	0.45	0.34	0.29	0.24	0.20	0.21	0.14	0.14	0.10	0.10	0.11	0.07
NC_727	0.42	0.53	0.51	**0.63**	0.59	0.46	0.58	0.62	0.55	0.38	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_728	0.44	0.54	0.57	0.69	0.64	0.52	0.65	**0.72**	0.62	0.47	0.40	0.32	0.27	0.28	0.19	0.18	0.14	0.14	0.14	0.10

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_729	7.34	9.00	10.14	**10.83**	10.23	9.38	10.39	10.65	10.71	7.84	6.71	5.31	4.60	4.63	3.13	3.00	2.29	2.35	2.38	1.67
NC_730	37.11	51.42	63.37	73.47	83.49	107.70	126.15	138.92	**144.87**	135.51	127.01	135.89	134.44	121.01	98.73	116.24	101.83	105.92	110.41	77.37
NC_731	0.48	0.61	0.56	**0.70**	0.65	0.50	0.62	0.66	0.59	0.40	0.34	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_732	37.98	53.61	68.37	81.21	91.90	117.24	136.51	153.68	**161.71**	154.16	145.12	153.83	152.04	133.57	110.59	132.85	116.42	123.01	127.73	89.96
NC_733	0.74	0.86	0.98	1.10	1.03	0.90	1.05	**1.14**	1.06	0.80	0.68	0.54	0.47	0.47	0.32	0.31	0.24	0.24	0.24	0.17
NC_734	0.47	0.59	0.55	**0.69**	0.64	0.50	0.62	0.66	0.59	0.40	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_735	0.55	0.68	0.64	**0.77**	0.71	0.57	0.67	0.70	0.63	0.41	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_736	1.22	1.51	1.41	**1.67**	1.56	1.25	1.46	1.52	1.36	0.92	0.80	0.59	0.51	0.51	0.35	0.33	0.25	0.26	0.26	0.19
NC_737	2.93	3.38	3.60	**3.94**	3.70	3.22	3.52	3.63	3.48	2.48	2.12	1.60	1.39	1.39	0.94	0.90	0.69	0.71	0.72	0.51
NC_738	0.23	0.27	0.36	0.41	0.38	0.33	0.42	**0.48**	0.45	0.34	0.29	0.24	0.20	0.21	0.14	0.14	0.10	0.10	0.11	0.07
NC_739	0.64	0.80	0.75	**0.90**	0.84	0.67	0.80	0.84	0.75	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_740	3.04	4.35	5.43	6.32	6.89	7.70	**8.40**	8.32	8.36	6.69	6.97	5.88	5.10	5.26	3.93	3.82	2.92	3.01	3.04	2.12
NC_741	37.89	53.50	68.22	81.05	91.71	117.00	136.21	153.47	**161.83**	154.55	145.66	154.17	152.30	133.64	110.78	133.57	116.62	123.56	128.54	90.52
NC_742	1.51	1.73	1.81	**2.05**	1.92	1.62	1.81	1.89	1.73	1.24	1.06	0.79	0.69	0.69	0.46	0.44	0.34	0.35	0.35	0.25
NC_743	0.39	0.49	0.50	0.61	0.57	0.46	0.58	**0.63**	0.55	0.40	0.35	0.27	0.23	0.24	0.16	0.15	0.12	0.12	0.12	0.08
NC_744	3.48	4.73	5.61	6.12	5.79	5.56	6.63	6.99	**7.15**	5.37	4.86	4.11	3.52	3.60	2.49	2.40	1.81	1.86	1.89	1.30
NC_745	5.89	7.11	8.06	**8.63**	8.13	7.41	8.20	8.46	8.45	6.18	5.29	4.16	3.60	3.62	2.44	2.35	1.79	1.83	1.86	1.30
NC_746	0.50	0.63	0.58	**0.72**	0.67	0.52	0.64	0.67	0.60	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_747	0.90	1.05	1.10	**1.26**	1.18	0.99	1.15	1.22	1.09	0.81	0.69	0.53	0.46	0.46	0.32	0.30	0.23	0.24	0.24	0.17
NC_748	0.41	0.52	0.51	**0.63**	0.58	0.46	0.58	0.62	0.55	0.39	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_749	3.63	4.73	5.50	5.89	5.74	5.68	6.35	6.41	**6.47**	5.04	4.43	3.77	3.24	3.30	2.33	2.24	1.72	1.76	1.78	1.26
NC_750	42.23	58.99	73.03	84.87	94.45	120.24	140.16	154.50	**161.11**	150.92	141.75	150.88	148.69	134.44	109.56	128.95	112.08	116.94	121.59	85.14
NC_751	0.52	0.65	0.61	**0.73**	0.68	0.54	0.65	0.68	0.61	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_752	1.05	1.26	1.22	**1.45**	1.36	1.09	1.28	1.34	1.18	0.84	0.72	0.53	0.46	0.46	0.31	0.30	0.23	0.23	0.24	0.17
NC_753	0.66	0.82	0.77	**0.95**	0.88	0.69	0.85	0.91	0.80	0.55	0.48	0.36	0.31	0.31	0.21	0.20	0.15	0.16	0.16	0.11
NC_754	0.38	0.53	0.64	0.71	0.76	0.81	0.92	0.93	**0.98**	0.77	0.75	0.65	0.55	0.57	0.40	0.39	0.29	0.30	0.31	0.21
NC_755	0.67	0.80	0.86	1.00	0.93	0.79	0.95	**1.05**	0.97	0.73	0.63	0.52	0.45	0.45	0.31	0.30	0.23	0.23	0.24	0.17
NC_756	42.42	59.23	73.30	85.11	94.56	120.35	140.37	154.56	**161.16**	150.83	141.62	150.82	148.66	134.44	109.75	128.58	112.08	116.67	121.31	84.94
NC_757	0.34	0.42	0.44	0.54	0.50	0.41	0.51	**0.57**	0.49	0.36	0.31	0.25	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.08
NC_758	0.41	0.52	0.51	**0.62**	0.58	0.46	0.57	0.62	0.54	0.38	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_759	0.60	0.76	0.71	**0.84**	0.78	0.63	0.74	0.78	0.70	0.46	0.39	0.29	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_760	2.55	2.98	3.04	**3.47**	3.25	2.71	3.07	3.20	2.94	2.09	1.79	1.35	1.17	1.17	0.79	0.76	0.58	0.59	0.60	0.42
NC_761	0.26	0.32	0.38	0.45	0.42	0.35	0.45	**0.51**	0.46	0.34	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_762	0.71	0.81	0.98	1.07	1.00	0.90	1.04	**1.13**	1.09	0.82	0.69	0.56	0.48	0.48	0.33	0.32	0.24	0.25	0.25	0.17
NC_763	0.95	1.24	1.48	1.63	1.52	1.40	1.70	1.85	**1.85**	1.38	1.20	0.99	0.84	0.86	0.58	0.56	0.42	0.43	0.44	0.30
NC_764	0.29	0.35	0.41	0.48	0.45	0.37	0.47	**0.53**	0.47	0.36	0.31	0.25	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_765	0.83	1.13	1.31	1.40	1.35	1.31	1.48	1.49	**1.52**	1.19	1.01	0.84	0.72	0.73	0.50	0.48	0.36	0.37	0.38	0.27
NC_766	1.35	1.60	1.57	**1.84**	1.72	1.40	1.61	1.69	1.52	1.08	0.93	0.69	0.60	0.60	0.41	0.39	0.30	0.31	0.31	0.22
NC_767	4.02	5.94	7.56	8.92	9.96	12.25	13.96	14.46	**14.84**	12.91	12.98	12.24	10.85	9.83	7.93	8.28	6.81	6.99	7.09	4.92
NC_768	0.53	0.68	0.63	**0.75**	0.70	0.56	0.66	0.69	0.62	0.41	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.12	0.08
NC_769	2.83	3.95	4.81	5.39	5.54	5.75	6.43	6.43	**6.55**	5.10	5.00	4.18	3.61	3.73	2.67	2.59	1.97	2.02	2.05	1.42
NC_770	42.07	58.78	72.80	84.67	94.36	120.13	139.99	154.37	**161.02**	150.89	141.75	150.87	148.75	134.10	109.82	128.96	111.90	117.06	121.70	85.22
NC_771	0.75	0.94	0.87	**1.05**	0.98	0.77	0.93	0.98	0.87	0.59	0.51	0.38	0.33	0.33	0.22	0.21	0.16	0.17	0.17	0.12
NC_772	0.48	0.61	0.56	**0.70**	0.65	0.51	0.63	0.67	0.59	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_773	0.37	0.46	0.47	0.57	0.53	0.43	0.54	**0.59**	0.51	0.37	0.32	0.25	0.21	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_774	2.64	3.07	3.13	**3.59**	3.36	2.80	3.15	3.31	3.02	2.16	1.85	1.39	1.20	1.20	0.82	0.78	0.60	0.61	0.62	0.44
NC_775	0.77	0.96	0.89	**1.09**	1.01	0.79	0.97	1.03	0.91	0.62	0.54	0.40	0.35	0.35	0.24	0.23	0.17	0.18	0.18	0.13
NC_776	0.46	0.56	0.69	0.79	0.73	0.64	0.80	**0.90**	0.86	0.64	0.57	0.48	0.41	0.41	0.28	0.27	0.21	0.21	0.21	0.15
NC_777	3.04	4.12	4.90	5.37	5.28	5.26	5.98	6.02	**6.18**	4.73	4.42	3.71	3.19	3.32	2.32	2.24	1.71	1.75	1.78	1.23
NC_778	0.50	0.64	0.59	**0.72**	0.67	0.53	0.64	0.68	0.61	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_779	3.52	4.67	5.46	5.86	5.65	5.73	6.49	6.69	**6.85**	5.31	5.09	4.43	3.83	4.01	2.87	2.80	2.14	2.20	2.23	1.55
NC_780	2.23	2.97	3.51	3.78	3.70	3.81	4.31	4.41	**4.55**	3.53	3.54	3.06	2.65	2.76	1.99	1.94	1.48	1.52	1.54	1.07
NC_781	0.40	0.57	0.68	0.75	0.70	0.72	0.85	0.95	**0.96**	0.73	0.64	0.55	0.47	0.48	0.33	0.32	0.24	0.25	0.25	0.17
NC_782	0.77	0.96	0.90	**1.06**	0.99	0.80	0.93	0.97	0.87	0.58	0.50	0.37	0.32	0.32	0.21	0.21	0.16	0.16	0.16	0.12
NC_783	0.66	0.78	0.90	1.04	0.96	0.82	0.99	**1.10**	1.01	0.75	0.64	0.51	0.44	0.44	0.30	0.29	0.22	0.22	0.23	0.16
NC_784	2.87	3.35	3.58	**3.95**	3.70	3.21	3.56	3.70	3.54	2.50	2.14	1.62	1.40	1.41	0.95	0.91	0.70	0.71	0.72	0.51
NC_785	1.55	2.01	2.40	2.63	2.46	2.28	2.77	3.03	**3.05**	2.29	2.01	1.68	1.43	1.46	1.00	0.96	0.73	0.74	0.76	0.52
NC_786	0.56	0.71	0.66	**0.79**	0.73	0.58	0.69	0.73	0.65	0.43	0.37	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_787	3.46	4.53	5.26	5.64	5.39	5.17	5.94	6.07	**6.23**	4.71	4.25	3.56	3.06	3.17	2.19	2.11	1.60	1.65	1.67	1.16
NC_788	0.27	0.32	0.41	0.47	0.44	0.38	0.48	**0.55**	0.50	0.38	0.33	0.27	0.23	0.24	0.16	0.15	0.12	0.12	0.12	0.08
NC_789	4.07	6.00	7.64	9.02	10.06	12.34	14.03	14.44	**14.80**	12.80	12.99	12.11	10.76	9.84	7.93	8.16	6.69	6.87	6.96	4.83
NC_790	0.60	0.73	0.71	**0.86**	0.80	0.64	0.76	0.81	0.72	0.49	0.43	0.32	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_791	1.03	1.23	1.21	**1.43**	1.33	1.08	1.25	1.32	1.18	0.83	0.71	0.53	0.46	0.46	0.31	0.30	0.23	0.23	0.24	0.17
NC_792	3.18	3.71	4.04	**4.45**	4.17	3.65	4.06	4.23	4.06	2.91	2.49	1.92	1.65	1.66	1.12	1.08	0.82	0.84	0.85	0.60
NC_793	1.72	1.96	2.07	**2.32**	2.17	1.85	2.04	2.13	1.97	1.41	1.21	0.91	0.79	0.79	0.53	0.51	0.39	0.40	0.41	0.29
NC_794	3.71	4.42	4.92	**5.33**	5.01	4.48	4.98	5.15	5.10	3.67	3.13	2.44	2.11	2.12	1.43	1.38	1.05	1.07	1.09	0.76
NC_795	0.61	0.77	0.73	**0.83**	0.77	0.64	0.72	0.74	0.67	0.43	0.37	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_796	0.41	0.58	0.69	0.76	0.74	0.79	0.90	0.96	**1.00**	0.78	0.71	0.62	0.53	0.55	0.38	0.37	0.28	0.29	0.29	0.20
NC_797	3.31	3.87	4.37	4.69	4.41	3.97	4.47	**4.72**	4.72	3.46	3.02	2.45	2.11	2.16	1.47	1.41	1.08	1.10	1.12	0.78
NC_798	0.40	0.50	0.54	0.65	0.60	0.50	0.63	**0.70**	0.62	0.46	0.40	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_799	0.49	0.62	0.57	**0.71**	0.66	0.51	0.63	0.67	0.60	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_800	0.33	0.40	0.46	0.55	0.51	0.42	0.53	**0.59**	0.52	0.39	0.33	0.26	0.23	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_801	0.26	0.30	0.39	0.45	0.42	0.36	0.46	**0.53**	0.49	0.37	0.32	0.26	0.22	0.23	0.16	0.15	0.11	0.12	0.12	0.08

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_802	1.22	1.38	1.59	**1.72**	1.62	1.44	1.59	1.68	1.62	1.18	1.00	0.78	0.67	0.67	0.45	0.44	0.33	0.34	0.35	0.24
NC_803	1.30	1.54	1.81	1.96	1.91	2.13	2.35	2.38	**2.43**	1.95	2.09	1.80	1.55	1.63	1.18	1.14	0.87	0.90	0.91	0.63
NC_804	1.26	1.50	1.48	**1.73**	1.62	1.32	1.52	1.60	1.42	1.01	0.87	0.64	0.56	0.56	0.38	0.36	0.28	0.28	0.29	0.20
NC_805	2.55	3.03	3.06	**3.54**	3.31	2.74	3.15	3.30	3.02	2.12	1.82	1.36	1.18	1.18	0.80	0.76	0.58	0.60	0.61	0.43
NC_806	0.60	0.76	0.70	**0.87**	0.81	0.63	0.77	0.82	0.73	0.49	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_807	0.58	0.73	0.68	**0.82**	0.76	0.61	0.72	0.76	0.68	0.45	0.39	0.28	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_808	0.22	0.27	0.35	0.40	0.37	0.32	0.41	**0.47**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.11	0.07
NC_809	0.96	1.12	1.16	**1.34**	1.25	1.04	1.19	1.25	1.12	0.81	0.69	0.52	0.45	0.45	0.30	0.29	0.22	0.23	0.23	0.16
NC_810	0.31	0.37	0.44	0.51	0.47	0.40	0.50	**0.56**	0.51	0.37	0.32	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_811	0.35	0.43	0.47	0.56	0.52	0.43	0.54	**0.60**	0.53	0.40	0.34	0.27	0.23	0.24	0.16	0.15	0.12	0.12	0.12	0.08
NC_812	0.61	0.77	0.72	**0.87**	0.81	0.64	0.76	0.80	0.72	0.48	0.41	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.10
NC_813	0.50	0.63	0.59	**0.72**	0.67	0.52	0.64	0.68	0.61	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_814	2.47	2.90	3.27	3.56	3.33	2.98	3.42	**3.66**	3.63	2.67	2.33	1.91	1.64	1.69	1.15	1.10	0.84	0.86	0.87	0.61
NC_815	4.10	6.05	7.69	9.07	10.12	12.37	13.96	14.28	**14.61**	12.53	12.87	11.80	10.52	9.75	7.79	7.95	6.47	6.64	6.73	4.67
NC_816	0.48	0.61	0.56	**0.70**	0.65	0.51	0.63	0.67	0.59	0.40	0.34	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_817	0.60	0.75	0.71	**0.84**	0.78	0.62	0.73	0.77	0.69	0.45	0.39	0.29	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_818	0.56	0.71	0.66	**0.79**	0.73	0.58	0.69	0.72	0.65	0.43	0.37	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_819	0.60	0.77	0.72	**0.83**	0.78	0.64	0.72	0.76	0.68	0.44	0.38	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_820	0.53	0.67	0.62	**0.75**	0.70	0.55	0.66	0.70	0.62	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_821	0.57	0.72	0.67	**0.82**	0.77	0.60	0.73	0.78	0.69	0.47	0.40	0.30	0.26	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_822	0.58	0.73	0.69	**0.82**	0.76	0.61	0.71	0.75	0.67	0.44	0.38	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_823	0.31	0.38	0.42	0.51	0.47	0.39	0.49	**0.55**	0.48	0.36	0.31	0.25	0.21	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_824	2.19	2.55	2.84	3.16	2.95	2.58	3.00	**3.27**	3.15	2.33	2.03	1.66	1.42	1.46	1.00	0.96	0.73	0.75	0.76	0.53
NC_825	0.39	0.48	0.56	0.66	0.61	0.52	0.66	**0.75**	0.68	0.52	0.45	0.37	0.32	0.33	0.22	0.21	0.16	0.17	0.17	0.12
NC_826	0.52	0.65	0.60	**0.74**	0.69	0.54	0.66	0.70	0.63	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.08
NC_827	4.10	6.04	7.69	9.05	10.08	12.26	13.68	13.85	**14.16**	12.00	12.53	11.25	10.01	9.53	7.51	7.57	6.09	6.26	6.34	4.40
NC_828	0.68	0.79	0.89	1.02	0.95	0.82	0.97	**1.07**	0.99	0.75	0.64	0.52	0.45	0.45	0.31	0.30	0.23	0.23	0.23	0.16
NC_829	0.94	1.15	1.37	1.56	1.66	1.84	2.04	2.04	**2.09**	1.63	1.80	1.52	1.29	1.37	1.00	0.97	0.74	0.76	0.77	0.54
NC_830	1.32	1.54	1.76	1.99	1.85	1.61	1.93	**2.16**	2.07	1.55	1.36	1.14	0.98	1.00	0.69	0.66	0.50	0.51	0.52	0.36
NC_831	0.49	0.62	0.57	**0.71**	0.66	0.51	0.63	0.67	0.60	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_832	0.84	1.07	1.30	1.45	1.53	1.63	1.86	1.84	**1.94**	1.51	1.53	1.32	1.12	1.17	0.84	0.81	0.62	0.63	0.64	0.44
NC_833	0.42	0.52	0.51	**0.63**	0.59	0.46	0.58	0.63	0.55	0.39	0.34	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_834	4.17	6.13	7.79	9.16	10.19	12.36	13.68	13.77	**14.05**	11.85	12.52	11.08	9.83	9.50	7.42	7.42	5.96	6.12	6.20	4.30
NC_835	0.51	0.62	0.72	0.82	0.76	0.71	0.83	**0.97**	0.93	0.72	0.64	0.56	0.48	0.49	0.34	0.33	0.25	0.26	0.26	0.18
NC_836	0.36	0.42	0.49	0.55	0.51	0.44	0.52	**0.57**	0.53	0.39	0.34	0.26	0.23	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_837	0.26	0.32	0.38	0.45	0.42	0.35	0.45	**0.51**	0.46	0.34	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.10	0.11	0.07
NC_838	0.33	0.39	0.46	0.52	0.48	0.42	0.50	**0.54**	0.51	0.37	0.32	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_839	3.93	5.77	7.33	8.64	9.63	11.69	12.89	12.93	**13.18**	11.06	11.75	10.33	9.14	8.94	6.98	6.93	5.53	5.68	5.76	3.99
NC_840	0.73	1.04	1.24	1.35	1.30	1.37	1.57	1.67	**1.72**	1.33	1.21	1.06	0.90	0.93	0.65	0.62	0.47	0.48	0.49	0.34
NC_841	0.38	0.46	0.50	0.61	0.56	0.46	0.58	**0.64**	0.57	0.42	0.37	0.29	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_842	0.73	0.99	1.22	1.36	1.42	1.55	1.75	1.76	**1.85**	1.43	1.50	1.29	1.09	1.15	0.83	0.81	0.61	0.63	0.64	0.44
NC_843	0.47	0.56	0.69	0.77	0.71	0.67	0.79	**0.91**	0.89	0.68	0.59	0.51	0.43	0.44	0.30	0.29	0.22	0.23	0.23	0.16
NC_844	0.52	0.65	0.62	**0.76**	0.71	0.56	0.69	0.74	0.65	0.45	0.39	0.29	0.25	0.25	0.17	0.17	0.13	0.13	0.13	0.09
NC_845	3.95	5.77	7.33	8.64	9.65	11.70	12.84	12.82	**13.04**	10.90	11.71	10.19	9.00	8.87	6.98	6.88	5.43	5.57	5.65	3.92
NC_846	1.59	1.85	2.19	2.34	2.20	2.02	2.33	**2.50**	2.49	1.89	1.62	1.35	1.16	1.18	0.81	0.78	0.59	0.61	0.62	0.43
NC_847	1.53	2.10	2.53	2.74	2.75	2.82	3.16	3.18	**3.27**	2.55	2.37	2.03	1.73	1.79	1.27	1.22	0.93	0.96	0.97	0.68
NC_848	0.35	0.43	0.47	0.56	0.52	0.43	0.54	**0.61**	0.53	0.40	0.35	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.08
NC_849	0.25	0.30	0.37	0.44	0.40	0.35	0.44	**0.50**	0.46	0.34	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_850	1.11	1.35	1.58	1.69	1.67	1.80	2.01	2.05	**2.08**	1.69	1.79	1.53	1.30	1.39	1.03	1.00	0.78	0.80	0.81	0.56
NC_851	3.18	4.73	6.04	7.14	7.97	9.59	10.55	10.54	**10.71**	8.83	9.43	8.22	7.23	7.09	5.50	5.44	4.32	4.43	4.49	3.11
NC_852	0.30	0.44	0.53	0.59	0.60	0.64	0.73	0.78	**0.81**	0.63	0.58	0.51	0.43	0.45	0.31	0.30	0.23	0.23	0.24	0.16
NC_853	0.53	0.68	0.63	**0.76**	0.71	0.56	0.68	0.72	0.64	0.43	0.37	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_854	1.35	1.83	2.11	2.27	2.19	2.20	2.49	2.55	**2.61**	2.04	1.82	1.56	1.33	1.37	0.96	0.92	0.70	0.72	0.73	0.51
NC_855	0.75	0.93	0.92	1.10	1.03	0.83	1.02	**1.11**	0.97	0.72	0.63	0.50	0.43	0.43	0.30	0.28	0.22	0.22	0.23	0.16
NC_856	0.45	0.55	0.69	0.77	0.71	0.71	0.81	**0.94**	0.92	0.71	0.63	0.55	0.47	0.48	0.33	0.32	0.24	0.25	0.25	0.17
NC_857	0.54	0.69	0.64	**0.77**	0.72	0.57	0.68	0.72	0.64	0.43	0.37	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_858	1.07	1.22	1.42	1.57	1.47	1.48	1.65	**1.81**	1.78	1.43	1.45	1.25	1.06	1.12	0.82	0.79	0.61	0.63	0.64	0.44
NC_859	0.29	0.36	0.41	0.49	0.45	0.37	0.48	**0.53**	0.47	0.35	0.31	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_860	2.51	3.71	4.72	5.56	6.18	7.42	8.20	8.21	**8.35**	6.88	7.17	6.29	5.53	5.33	4.19	4.14	3.27	3.36	3.40	2.35
NC_861	0.52	0.66	0.62	**0.74**	0.69	0.55	0.66	0.69	0.62	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_862	0.78	0.92	1.04	1.17	1.10	1.16	1.29	**1.41**	1.39	1.11	1.08	0.94	0.80	0.84	0.60	0.58	0.44	0.45	0.46	0.32
NC_863	2.46	3.62	4.59	5.38	5.93	6.97	7.67	7.65	**7.76**	6.29	6.61	5.71	5.00	4.88	3.80	3.73	2.92	3.00	3.04	2.10
NC_864	0.52	0.66	0.61	**0.75**	0.70	0.54	0.67	0.71	0.63	0.43	0.37	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_865	0.46	0.56	0.69	0.76	0.70	0.67	0.78	**0.90**	0.88	0.67	0.59	0.50	0.43	0.43	0.30	0.29	0.22	0.22	0.23	0.16
NC_866	0.35	0.43	0.45	0.55	0.51	0.41	0.52	**0.57**	0.49	0.37	0.32	0.25	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_867	0.69	0.79	0.95	1.06	0.99	0.88	1.03	**1.14**	1.08	0.82	0.70	0.57	0.49	0.49	0.34	0.32	0.25	0.25	0.26	0.18
NC_868	1.62	2.35	2.96	3.44	3.74	4.15	4.56	4.54	**4.60**	3.68	3.77	3.15	2.72	2.75	2.07	2.01	1.54	1.58	1.60	1.11
NC_869	1.01	1.50	1.90	2.23	2.42	2.80	3.11	3.10	**3.15**	2.51	2.67	2.28	1.99	1.97	1.52	1.48	1.15	1.18	1.19	0.82
NC_870	0.98	1.47	1.87	2.20	2.42	2.88	3.20	3.20	**3.27**	2.66	2.78	2.44	2.14	2.06	1.62	1.60	1.25	1.28	1.30	0.90
NC_871	0.43	0.51	0.64	0.72	0.67	0.63	0.75	**0.86**	0.83	0.64	0.56	0.48	0.41	0.42	0.29	0.27	0.21	0.21	0.22	0.15
NC_872	1.25	1.78	2.20	2.54	2.73	2.95	3.24	3.21	**3.24**	2.59	2.59	2.15	1.85	1.89	1.40	1.35	1.03	1.06	1.08	0.75
NC_873	0.67	0.89	1.04	1.12	1.09	1.15	1.29	1.37	**1.40**	1.10	0.98	0.86	0.73	0.76	0.53	0.51	0.39	0.40	0.40	0.28
NC_874	0.40	0.50	0.50	0.61	0.57	0.45	0.56	**0.61**	0.54	0.38	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_875	1.05	1.54	1.95	2.26	2.42	2.66	2.96	2.97	**3.03**	2.38	2.49	2.10	1.81	1.84	1.37	1.33	1.02	1.05	1.06	0.73
NC_876	1.20	1.65	2.00	2.25	2.31	2.40	2.66	2.65	**2.68**	2.11	2.00	1.67	1.44	1.47	1.07	1.03	0.79	0.81	0.82	0.57
NC_877	1.09	1.60	2.00	2.28	2.34	2.51	2.82	2.84	**2.93**	2.28	2.29	1.94	1.66	1.72	1.24	1.20	0.92	0.94	0.96	0.66
NC_878	0.69	0.81	0.91	1.04	0.97	0.84	1.00	**1.11**	1.02	0.77	0.67	0.54	0.47	0.47	0.32	0.31	0.24	0.24	0.25	0.17
NC_879	1.31	1.76	2.09	2.25	2.22	2.24	2.50	2.51	**2.56**	1.99	1.78	1.51	1.29	1.32	0.93	0.89	0.68	0.70	0.71	0.50
NC_880	0.32	0.50	0.65	0.74	0.78	0.86	0.98	0.98	**1.04**	0.79	0.82	0.71	0.60	0.63	0.45	0.43	0.33	0.34	0.34	0.23
NC_881	0.56	0.71	0.66	**0.79**	0.74	0.59	0.70	0.73	0.66	0.43	0.37	0.28	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_882	0.38	0.46	0.52	0.62	0.58	0.48	0.61	**0.69**	0.62	0.46	0.40	0.33	0.28	0.28	0.19	0.19	0.14	0.14	0.15	0.10
NC_883	1.18	1.69	2.04	2.22	2.23	2.33	2.65	2.70	**2.80**	2.18	2.06	1.78	1.52	1.57	1.11	1.07	0.82	0.84	0.85	0.59
NC_884	0.49	0.62	0.58	**0.72**	0.67	0.52	0.65	0.69	0.61	0.42	0.36	0.27	0.23	0.24	0.16	0.15	0.12	0.12	0.12	0.08
NC_885	0.53	0.67	0.62	**0.75**	0.69	0.55	0.66	0.69	0.62	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_886	1.40	1.58	1.85	1.98	1.87	1.70	1.90	**2.04**	1.99	1.51	1.27	1.04	0.89	0.90	0.62	0.60	0.46	0.47	0.47	0.33
NC_887	0.80	0.93	1.00	**1.15**	1.07	0.91	1.06	1.14	1.04	0.78	0.66	0.52	0.45	0.45	0.31	0.30	0.23	0.23	0.23	0.17
NC_888	0.49	0.62	0.58	**0.72**	0.67	0.52	0.65	0.69	0.61	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.08
NC_889	0.25	0.30	0.37	0.44	0.40	0.34	0.44	**0.50**	0.45	0.34	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_890	0.52	0.75	0.90	0.99	0.98	1.04	1.19	1.26	**1.31**	1.02	0.93	0.82	0.70	0.72	0.50	0.48	0.36	0.37	0.38	0.26
NC_891	0.27	0.33	0.39	0.46	0.43	0.36	0.46	**0.52**	0.47	0.35	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_892	0.31	0.38	0.43	0.51	0.47	0.39	0.50	**0.55**	0.49	0.37	0.32	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_893	0.33	0.39	0.49	0.57	0.53	0.45	0.57	**0.66**	0.61	0.46	0.40	0.33	0.28	0.29	0.20	0.19	0.14	0.15	0.15	0.10
NC_894	0.40	0.49	0.55	0.65	0.60	0.50	0.63	**0.71**	0.63	0.47	0.41	0.33	0.28	0.29	0.20	0.19	0.14	0.15	0.15	0.10
NC_895	0.24	0.28	0.36	0.42	0.39	0.34	0.43	**0.49**	0.45	0.34	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.11	0.07
NC_896	0.22	0.28	0.35	0.40	0.37	0.33	0.42	**0.48**	0.46	0.34	0.30	0.25	0.21	0.22	0.15	0.14	0.11	0.11	0.11	0.07
NC_897	0.26	0.31	0.38	0.45	0.42	0.35	0.45	**0.51**	0.46	0.35	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_898	0.54	0.85	1.05	1.17	1.16	1.22	1.41	1.49	**1.55**	1.19	1.09	0.94	0.80	0.83	0.57	0.55	0.41	0.43	0.43	0.29
NC_899	0.26	0.32	0.41	0.46	0.43	0.39	0.48	**0.56**	0.53	0.40	0.35	0.29	0.25	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_900	0.42	0.54	0.66	0.73	0.69	0.74	0.83	0.94	**0.94**	0.73	0.66	0.58	0.50	0.51	0.36	0.34	0.26	0.27	0.27	0.18
NC_901	0.35	0.43	0.47	0.56	0.52	0.43	0.54	**0.60**	0.52	0.39	0.34	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_902	0.50	0.58	0.73	0.81	0.76	0.68	0.82	**0.94**	0.91	0.69	0.60	0.51	0.43	0.44	0.30	0.29	0.22	0.23	0.23	0.16
NC_903	0.89	1.16	1.38	1.50	1.47	1.56	1.79	1.92	**1.99**	1.54	1.39	1.21	1.03	1.07	0.73	0.71	0.53	0.55	0.55	0.38
NC_904	0.52	0.65	0.61	**0.73**	0.68	0.54	0.65	0.68	0.61	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_905	0.75	1.11	1.37	1.51	1.54	1.63	1.87	1.90	**1.99**	1.54	1.49	1.29	1.10	1.14	0.81	0.78	0.59	0.61	0.62	0.42
NC_906	0.25	0.30	0.39	0.45	0.41	0.36	0.46	**0.53**	0.50	0.38	0.33	0.27	0.23	0.24	0.16	0.16	0.12	0.12	0.12	0.08
NC_907	0.91	1.06	1.16	1.32	1.24	1.06	1.24	**1.34**	1.22	0.92	0.78	0.62	0.53	0.54	0.37	0.35	0.27	0.28	0.28	0.20
NC_908	0.67	0.99	1.29	1.56	1.77	2.12	2.33	2.32	**2.36**	2.05	2.25	1.98	1.79	1.84	1.42	1.41	1.12	1.15	1.17	0.97
NC_909	0.37	0.46	0.47	0.58	0.53	0.43	0.54	**0.59**	0.51	0.38	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_910	0.23	0.27	0.35	0.41	0.38	0.33	0.42	**0.48**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.11	0.07
NC_911	0.27	0.35	0.33	**0.42**	0.39	0.30	0.38	0.41	0.36	0.25	0.21	0.16	0.14	0.14	0.09	0.09	0.07	0.07	0.07	0.05
NC_912	0.47	0.59	0.55	**0.69**	0.64	0.49	0.62	0.66	0.58	0.40	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_913	1.87	2.14	2.39	**2.59**	2.43	2.16	2.38	2.50	2.45	1.76	1.51	1.16	1.00	1.01	0.68	0.66	0.50	0.51	0.52	0.36
NC_914	1.53	1.75	1.93	**2.16**	2.02	1.75	2.00	2.14	1.99	1.48	1.26	1.00	0.86	0.86	0.59	0.57	0.43	0.44	0.45	0.32
NC_915	1.48	1.70	1.85	**2.08**	1.94	1.67	1.90	2.02	1.89	1.36	1.17	0.89	0.77	0.78	0.52	0.50	0.38	0.39	0.40	0.28
NC_916	0.56	0.71	0.66	**0.80**	0.74	0.59	0.70	0.74	0.66	0.44	0.38	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_917	0.39	0.63	0.79	0.87	0.89	0.94	1.08	1.13	**1.17**	0.91	0.85	0.74	0.63	0.65	0.45	0.43	0.33	0.34	0.34	0.23
NC_918	0.28	0.34	0.40	0.47	0.43	0.36	0.46	**0.52**	0.47	0.35	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_919	0.87	1.02	1.25	1.37	1.27	1.29	1.45	**1.63**	1.63	1.27	1.13	1.00	0.85	0.88	0.61	0.59	0.45	0.46	0.47	0.32
NC_920	2.04	2.35	2.68	2.88	2.71	2.44	2.81	**3.01**	3.01	2.24	1.95	1.62	1.39	1.43	0.98	0.94	0.71	0.73	0.74	0.52
NC_921	0.53	0.67	0.62	**0.76**	0.71	0.55	0.68	0.72	0.64	0.43	0.37	0.28	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_922	0.22	0.27	0.35	0.40	0.37	0.32	0.41	**0.47**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.11	0.07
NC_923	0.27	0.41	0.50	0.55	0.55	0.59	0.67	0.72	**0.75**	0.58	0.53	0.47	0.40	0.41	0.28	0.27	0.20	0.21	0.21	0.14
NC_924	0.23	0.27	0.35	0.41	0.37	0.33	0.41	**0.47**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.11	0.07
NC_925	1.66	2.34	2.90	3.34	3.52	3.86	4.27	4.27	**4.35**	3.44	3.72	3.13	2.72	2.82	2.10	2.05	1.58	1.62	1.65	1.14
NC_926	0.42	0.67	0.88	1.00	1.04	1.12	1.29	1.30	**1.37**	1.05	1.05	0.91	0.77	0.80	0.56	0.54	0.41	0.42	0.43	0.29
NC_927	0.26	0.30	0.38	0.45	0.41	0.35	0.45	**0.51**	0.47	0.35	0.31	0.25	0.21	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_928	0.39	0.47	0.53	0.64	0.59	0.49	0.62	**0.70**	0.62	0.47	0.41	0.33	0.28	0.28	0.19	0.19	0.14	0.14	0.15	0.10
NC_929	1.57	1.85	2.07	2.31	2.16	1.90	2.25	**2.47**	2.38	1.78	1.56	1.30	1.11	1.14	0.78	0.75	0.57	0.58	0.59	0.41
NC_930	6.01	7.90	9.21	9.88	9.49	9.29	10.67	10.93	**11.19**	8.55	7.73	6.57	5.62	5.81	4.03	3.87	2.95	3.03	3.07	2.14
NC_931	0.64	0.81	0.75	**0.90**	0.84	0.67	0.80	0.84	0.75	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_932	1.53	2.36	3.07	3.63	3.97	4.59	5.05	5.07	**5.19**	4.10	4.70	4.05	3.61	3.75	2.84	2.80	2.19	2.25	2.29	1.57
NC_933	0.51	0.65	0.60	**0.74**	0.68	0.54	0.65	0.69	0.62	0.41	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_934	0.53	0.67	0.62	**0.75**	0.70	0.55	0.67	0.70	0.63	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_935	0.46	0.59	0.71	0.78	0.72	0.73	0.85	**0.96**	0.96	0.74	0.65	0.56	0.48	0.49	0.34	0.33	0.25	0.25	0.26	0.18
NC_936	0.43	0.70	0.93	1.11	1.20	1.34	1.51	1.52	**1.58**	1.22	1.32	1.11	0.95	0.99	0.72	0.70	0.53	0.54	0.55	0.37
NC_937	1.91	2.62	3.20	3.64	3.89	4.32	4.74	4.72	**4.78**	3.81	4.19	3.55	3.09	3.19	2.41	2.36	1.83	1.88	1.91	1.33
NC_938	0.96	1.15	1.14	**1.35**	1.26	1.02	1.20	1.28	1.13	0.81	0.69	0.52	0.45	0.45	0.30	0.29	0.22	0.23	0.23	0.16
NC_939	0.36	0.45	0.50	0.59	0.55	0.45	0.57	**0.64**	0.57	0.42	0.37	0.29	0.25	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_940	1.63	2.47	3.19	3.78	4.16	4.90	5.42	5.43	**5.52**	4.47	5.05	4.41	3.95	4.03	3.09	3.06	2.42	2.49	2.52	1.74
NC_941	0.45	0.73	0.97	1.16	1.30	1.53	1.70	1.70	**1.74**	1.37	1.54	1.30	1.13	1.15	0.86	0.84	0.64	0.66	0.67	0.45
NC_942	0.30	0.37	0.41	0.50	0.46	0.38	0.48	**0.54**	0.47	0.35	0.31	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_943	0.75	0.94	0.87	**1.07**	0.99	0.78	0.94	1.00	0.89	0.60	0.52	0.39	0.34	0.34	0.23	0.22	0.17	0.17	0.17	0.12
NC_944	0.47	0.59	0.55	**0.69**	0.64	0.50	0.62	0.66	0.58	0.40	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_945	0.23	0.27	0.36	0.41	0.38	0.33	0.42	**0.48**	0.45	0.34	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_946	0.51	0.65	0.60	**0.73**	0.68	0.53	0.65	0.69	0.61	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_947	0.23	0.27	0.35	0.41	0.37	0.33	0.41	**0.48**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.11	0.07

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_948	0.65	1.05	1.40	1.68	1.87	2.20	2.43	2.44	**2.49**	1.96	2.26	1.92	1.66	1.72	1.28	1.25	0.96	0.98	1.00	0.68
NC_949	1.63	2.48	3.20	3.79	4.19	5.00	5.54	5.54	**5.66**	4.65	5.15	4.57	4.11	4.10	3.17	3.16	2.52	2.59	2.63	1.81
NC_950	0.38	0.48	0.48	0.59	0.55	0.44	0.55	0.60	0.53	0.49	0.66	1.66	2.79	**4.11**	2.53	3.19	3.95	3.59	4.09	1.29
NC_951	1.31	1.91	2.39	2.65	2.73	2.89	3.27	3.26	**3.41**	2.63	2.61	2.24	1.90	1.99	1.42	1.38	1.05	1.08	1.09	0.76
NC_952	0.53	0.66	0.61	**0.76**	0.70	0.55	0.67	0.71	0.64	0.43	0.37	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_953	0.60	0.76	0.70	**0.85**	0.79	0.62	0.74	0.79	0.70	0.47	0.40	0.30	0.26	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_954	0.29	0.35	0.42	0.50	0.46	0.39	0.50	**0.56**	0.51	0.38	0.33	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.08
NC_955	0.26	0.31	0.39	0.46	0.42	0.36	0.46	**0.52**	0.48	0.36	0.31	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_956	2.66	3.56	4.22	4.57	4.76	5.27	5.77	5.74	5.91	4.70	5.18	4.44	4.40	6.14	3.98	4.89	6.04	5.83	**6.36**	2.13
NC_957	1.85	2.14	2.39	2.69	2.51	2.17	2.52	**2.75**	2.59	1.91	1.66	1.33	1.14	1.15	0.79	0.76	0.58	0.59	0.60	0.42
NC_958	0.24	0.28	0.37	0.42	0.39	0.34	0.43	**0.50**	0.46	0.35	0.30	0.25	0.21	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_959	1.43	1.64	1.78	**2.00**	1.87	1.60	1.82	1.95	1.81	1.32	1.13	0.87	0.75	0.76	0.51	0.49	0.38	0.38	0.39	0.27
NC_960	6.26	8.15	9.44	10.13	9.71	9.71	11.09	11.51	**11.78**	9.17	8.87	7.72	6.93	7.27	5.33	5.71	7.63	7.44	7.99	3.28
NC_961	0.76	0.92	0.98	1.15	1.07	0.90	1.10	**1.22**	1.10	0.83	0.72	0.59	0.50	0.51	0.35	0.34	0.26	0.26	0.27	0.19
NC_962	0.22	0.27	0.35	0.40	0.37	0.33	0.41	**0.47**	0.45	0.34	0.29	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_963	0.99	1.18	1.23	**1.44**	1.34	1.11	1.32	1.42	1.27	0.93	0.80	0.62	0.53	0.54	0.36	0.35	0.26	0.27	0.28	0.19
NC_964	2.47	3.79	4.92	5.86	6.51	7.74	8.58	8.58	**8.72**	7.11	8.00	6.99	6.25	6.40	4.88	4.83	3.79	3.89	3.95	2.71
NC_965	0.32	0.48	0.58	0.63	0.62	0.66	0.75	0.81	**0.84**	0.65	0.59	0.51	0.44	0.45	0.31	0.30	0.23	0.23	0.24	0.16
NC_966	0.40	0.50	0.51	0.62	0.58	0.47	0.59	**0.64**	0.56	0.41	0.36	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_967	5.58	7.49	8.88	9.70	9.60	9.88	11.14	11.32	**11.62**	9.10	9.06	7.84	7.07	7.31	5.42	5.71	7.70	7.57	8.12	3.37
NC_968	0.68	0.89	1.05	1.14	1.07	1.11	1.27	1.38	**1.41**	1.09	0.98	0.85	0.73	0.75	0.52	0.50	0.38	0.39	0.39	0.27
NC_969	0.04	0.10	0.16	0.20	0.24	0.30	0.34	0.40	0.43	0.46	0.70	1.65	2.82	**4.10**	2.46	3.14	3.61	3.48	3.98	1.25
NC_970	1.58	2.04	2.30	2.45	2.32	2.19	2.48	2.52	**2.57**	1.94	1.66	1.36	1.17	1.19	0.81	0.78	0.59	0.61	0.61	0.43
NC_971	2.78	3.49	4.03	4.28	4.46	5.69	6.84	6.85	**6.95**	5.24	5.07	4.51	4.18	4.03	3.37	3.38	2.76	2.83	2.88	2.09
NC_972	2.75	3.27	3.68	4.01	3.76	3.36	3.81	**4.01**	3.96	2.88	2.48	1.96	1.69	1.71	1.16	1.11	0.85	0.87	0.88	0.61
NC_973	6.06	8.20	9.65	10.90	11.94	14.51	16.52	19.13	19.99	**20.65**	20.28	20.36	19.59	17.41	15.28	18.43	16.93	17.81	20.63	14.53
NC_974	9.05	12.37	15.08	17.12	18.24	21.10	23.29	26.37	**28.44**	27.77	26.41	28.43	27.81	25.04	19.84	22.69	19.82	20.47	20.87	14.55
NC_975	0.84	0.99	0.98	**1.14**	1.07	0.87	1.00	1.04	0.93	0.65	0.56	0.42	0.36	0.36	0.24	0.23	0.18	0.18	0.19	0.13
NC_976	9.03	12.34	15.04	17.05	18.13	20.90	23.03	26.32	**28.31**	27.55	26.20	28.28	27.62	24.93	19.74	22.48	19.58	20.23	20.62	14.37
NC_977	8.87	12.13	14.76	16.67	17.62	20.23	22.16	26.11	**27.88**	26.92	25.53	27.72	27.09	24.58	19.40	21.85	18.87	19.50	19.89	13.86
NC_978	14.48	19.93	24.43	28.04	30.59	36.55	40.12	45.73	**48.96**	48.80	47.12	48.91	48.03	43.06	34.76	40.98	37.63	39.19	42.40	29.71
NC_979	14.62	20.13	24.71	28.49	31.39	37.80	41.68	46.04	49.62	**49.99**	48.42	49.96	49.18	44.47	36.63	42.25	39.07	40.66	43.89	30.76
NC_980	11.59	16.62	20.68	24.02	26.58	32.41	36.92	38.67	**39.84**	35.37	34.92	34.73	31.48	28.41	23.26	25.47	21.34	21.98	22.32	15.71
NC_981	24.27	34.79	43.34	50.42	56.15	69.96	80.81	86.86	**90.42**	86.42	81.93	86.89	86.09	76.23	64.33	74.15	66.34	68.71	72.36	50.74
NC_982	8.87	11.81	14.22	16.34	19.12	25.58	29.99	31.14	**31.98**	26.87	27.45	26.39	24.83	23.94	16.61	18.93	15.08	15.60	15.70	11.28
NC_983	8.80	11.72	14.12	16.29	19.00	25.38	29.91	31.49	**32.39**	27.60	27.66	27.13	25.62	24.15	16.65	19.50	15.81	16.35	16.46	11.81
NC_984	1.36	1.57	1.61	**1.84**	1.72	1.44	1.61	1.67	1.54	1.09	0.93	0.69	0.60	0.60	0.40	0.39	0.30	0.30	0.31	0.22
NC_985	0.63	0.79	0.75	**0.92**	0.85	0.67	0.82	0.88	0.78	0.54	0.47	0.35	0.30	0.30	0.21	0.20	0.15	0.15	0.16	0.11
NC_986	1.75	2.36	2.74	2.94	2.82	2.79	3.19	3.26	**3.33**	2.61	2.25	1.91	1.64	1.66	1.15	1.10	0.84	0.86	0.87	0.61
NC_987	0.32	0.40	0.43	0.52	0.48	0.39	0.50	**0.55**	0.48	0.36	0.31	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_988	0.48	0.61	0.57	**0.71**	0.66	0.52	0.64	0.69	0.61	0.42	0.36	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_989	3.08	3.54	3.82	**4.25**	3.98	3.43	3.82	4.00	3.76	2.70	2.32	1.75	1.51	1.51	1.02	0.98	0.75	0.77	0.78	0.55
NC_990	5.90	7.48	10.76	14.63	17.34	23.01	26.24	26.40	**27.02**	20.35	23.22	20.08	18.45	19.21	13.17	13.53	10.55	10.67	11.23	7.92
NC_991	0.38	0.48	0.45	**0.57**	0.53	0.41	0.51	0.55	0.49	0.33	0.29	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.07
NC_992	1.86	2.22	2.49	2.65	2.68	2.78	**2.92**	2.91	2.91	2.55	2.54	2.23	1.98	2.03	1.62	1.58	1.23	1.26	1.28	0.90
NC_993	0.98	1.16	1.21	**1.39**	1.30	1.08	1.25	1.32	1.21	0.86	0.74	0.56	0.48	0.48	0.33	0.31	0.24	0.24	0.25	0.17
NC_994	0.73	0.88	0.89	**1.06**	0.98	0.80	0.95	1.02	0.91	0.64	0.55	0.42	0.36	0.36	0.24	0.23	0.18	0.18	0.18	0.13
NC_995	1.13	1.34	1.38	**1.59**	1.48	1.24	1.42	1.49	1.36	0.97	0.84	0.63	0.54	0.54	0.37	0.35	0.27	0.28	0.28	0.20
NC_996	1.09	1.28	1.30	**1.50**	1.40	1.16	1.32	1.38	1.27	0.89	0.77	0.57	0.49	0.49	0.33	0.32	0.24	0.25	0.25	0.18
NC_997	3.16	3.81	4.30	4.65	4.37	3.98	4.56	**4.84**	4.84	3.60	3.19	2.71	2.34	2.38	1.63	1.56	1.19	1.22	1.24	0.86
NC_998	0.45	0.57	0.53	**0.65**	0.60	0.47	0.57	0.60	0.54	0.35	0.30	0.22	0.19	0.19	0.13	0.13	0.10	0.10	0.10	0.07
NC_999	0.95	1.14	1.12	**1.33**	1.24	1.00	1.17	1.24	1.10	0.77	0.66	0.49	0.43	0.43	0.29	0.28	0.21	0.22	0.22	0.15
NC_1000	1.67	2.09	2.40	2.56	2.50	2.61	2.91	3.01	**3.05**	2.42	2.28	1.98	1.73	1.79	1.26	1.22	0.93	0.96	0.97	0.68
NC_1001	1.41	1.65	1.90	2.06	1.94	1.81	2.10	**2.31**	2.31	1.78	1.60	1.42	1.21	1.25	0.86	0.83	0.63	0.65	0.65	0.46
NC_1002	0.88	1.06	1.04	**1.23**	1.15	0.93	1.09	1.15	1.02	0.71	0.61	0.46	0.39	0.39	0.27	0.26	0.20	0.20	0.20	0.14
NC_1003	0.67	0.80	0.83	**0.99**	0.92	0.75	0.90	0.97	0.86	0.62	0.53	0.40	0.35	0.35	0.24	0.23	0.17	0.18	0.18	0.12
NC_1004	0.81	0.94	1.10	1.24	1.15	1.00	1.19	**1.31**	1.23	0.91	0.79	0.63	0.54	0.55	0.37	0.36	0.27	0.28	0.28	0.19
NC_1005	4.28	5.30	5.96	6.39	6.03	5.54	6.30	6.59	**6.64**	4.93	4.36	3.67	3.17	3.22	2.20	2.11	1.61	1.65	1.67	1.17
NC_1006	0.50	0.63	0.59	**0.71**	0.66	0.52	0.63	0.67	0.60	0.39	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1007	8.27	10.83	12.51	13.35	12.73	12.16	13.78	14.01	**14.32**	10.82	9.60	8.06	6.98	7.16	4.87	4.67	3.56	3.65	3.70	2.59
NC_1008	1.68	1.91	2.08	**2.28**	2.14	1.87	2.04	2.12	2.03	1.45	1.24	0.94	0.81	0.81	0.55	0.53	0.40	0.41	0.42	0.29
NC_1009	0.50	0.63	0.61	**0.75**	0.70	0.55	0.69	0.75	0.65	0.46	0.40	0.31	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_1010	1.08	1.24	1.42	**1.55**	1.45	1.29	1.45	1.54	1.49	1.09	0.93	0.73	0.63	0.63	0.43	0.41	0.31	0.32	0.32	0.23
NC_1011	0.37	0.46	0.45	**0.56**	0.52	0.40	0.51	0.55	0.48	0.34	0.29	0.22	0.19	0.19	0.13	0.12	0.09	0.10	0.10	0.07
NC_1012	0.22	0.27	0.33	0.39	0.36	0.31	0.39	**0.44**	0.41	0.30	0.26	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.06
NC_1013	0.50	0.63	0.79	0.89	0.82	0.75	0.92	**1.07**	1.04	0.78	0.68	0.57	0.49	0.50	0.34	0.33	0.25	0.25	0.26	0.17
NC_1014	0.73	0.95	1.15	1.26	1.18	1.14	1.37	1.54	**1.55**	1.17	1.02	0.86	0.74	0.76	0.52	0.50	0.37	0.38	0.39	0.27
NC_1015	3.12	4.78	6.77	8.93	10.74	14.99	18.05	20.09	**21.12**	19.18	18.72	19.55	18.00	16.27	13.14	13.88	11.45	11.79	11.98	8.66
NC_1016	2.17	3.29	4.19	4.82	4.97	5.40	6.12	6.22	**6.49**	4.99	5.15	4.38	3.75	3.96	2.83	2.73	2.07	2.13	2.16	1.48
NC_1017	1.81	4.10	6.38	8.37	9.98	13.66	16.08	17.17	**17.88**	15.78	16.09	15.84	14.38	13.42	10.59	10.98	8.98	9.25	9.40	6.89
NC_1018	1.25	1.48	1.80	2.12	2.37	2.87	3.26	3.43	**3.58**	3.31	3.23	3.40	3.31	3.25	2.59	2.71	2.37	2.43	2.53	1.82
NC_1019	0.38	0.49	0.57	0.62	0.60	0.62	0.71	0.74	**0.77**	0.59	0.56	0.48	0.41	0.42	0.30	0.29	0.22	0.22	0.23	0.18
NC_1020	1.88	4.21	6.68	8.65	10.18	13.40	15.26	15.58	**16.04**	13.61	14.67	13.43	12.09	11.78	9.17	9.23	7.37	7.58	7.71	5.73

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1021	1.00	1.39	1.65	1.80	1.73	1.76	2.03	2.12	**2.19**	1.68	1.54	1.32	1.13	1.16	0.81	0.78	0.59	0.61	0.62	0.44
NC_1022	0.32	0.52	0.69	0.82	0.88	0.98	1.10	1.11	**1.16**	0.89	0.97	0.82	0.70	0.73	0.53	0.52	0.39	0.40	0.41	0.28
NC_1023	1.89	4.24	6.73	8.77	10.38	13.89	16.03	16.54	**17.07**	14.68	15.57	14.52	13.13	12.69	9.90	10.02	8.04	8.27	8.41	6.20
NC_1024	3.60	5.61	7.31	8.68	9.57	11.33	12.58	12.59	**12.86**	10.34	11.60	10.20	9.08	9.20	6.99	6.94	5.47	5.63	5.71	3.90
NC_1025	2.15	3.08	3.73	4.11	3.88	3.91	4.63	4.96	**5.09**	3.84	3.51	2.99	2.56	2.67	1.83	1.76	1.33	1.36	1.38	0.94
NC_1026	0.79	1.12	1.37	1.51	1.42	1.45	1.71	1.89	**1.92**	1.45	1.31	1.13	0.97	1.00	0.68	0.66	0.49	0.51	0.51	0.35
NC_1027	1.44	2.01	2.39	2.63	2.48	2.42	2.90	3.11	**3.18**	2.40	2.17	1.85	1.58	1.64	1.13	1.08	0.82	0.84	0.85	0.58
NC_1028	0.33	0.41	0.45	0.54	0.50	0.41	0.52	**0.58**	0.51	0.38	0.33	0.26	0.22	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_1029	0.31	0.39	0.41	0.50	0.46	0.37	0.47	**0.52**	0.45	0.33	0.29	0.22	0.19	0.19	0.13	0.12	0.09	0.10	0.10	0.07
NC_1030	0.20	0.26	0.24	**0.30**	0.28	0.21	0.27	0.28	0.26	0.16	0.14	0.10	0.09	0.09	0.06	0.06	0.04	0.04	0.05	0.03
NC_1031	0.17	0.25	0.30	0.33	0.30	0.31	0.37	0.41	**0.41**	0.31	0.27	0.22	0.19	0.19	0.13	0.12	0.09	0.10	0.10	0.07
NC_1032	0.41	0.49	0.61	0.69	0.64	0.61	0.71	**0.83**	0.81	0.62	0.54	0.47	0.40	0.41	0.28	0.27	0.20	0.21	0.21	0.15
NC_1033	0.40	0.65	0.86	1.03	1.09	1.21	1.37	1.37	**1.44**	1.10	1.18	1.00	0.85	0.89	0.64	0.62	0.47	0.48	0.49	0.33
NC_1034	0.65	0.99	1.29	1.56	1.76	2.13	2.34	2.33	**2.37**	2.06	2.26	1.99	1.81	1.86	1.43	1.42	1.13	1.16	1.18	0.98
NC_1035	0.30	0.38	0.39	0.47	0.44	0.35	0.44	**0.49**	0.42	0.31	0.26	0.20	0.17	0.17	0.12	0.11	0.09	0.09	0.09	0.06
NC_1036	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.47	0.50	0.44	**0.57**
NC_1037	0.48	0.73	0.96	1.08	1.13	1.21	1.38	1.39	**1.47**	1.12	1.13	0.98	0.83	0.86	0.61	0.59	0.45	0.46	0.47	0.32
NC_1038	0.34	0.53	0.70	0.84	0.91	1.02	1.14	1.15	**1.19**	0.92	1.02	0.86	0.73	0.77	0.56	0.54	0.41	0.42	0.43	0.29
NC_1039	0.41	0.66	0.86	1.02	1.12	1.32	1.45	1.46	**1.47**	1.22	1.35	1.19	1.07	1.07	0.82	0.82	0.66	0.68	0.68	0.77
NC_1040	0.15	0.17	0.22	0.26	0.24	0.21	0.26	**0.29**	0.27	0.20	0.17	0.14	0.12	0.12	0.08	0.08	0.06	0.06	0.06	0.04
NC_1041	0.41	0.66	0.86	1.02	1.13	1.35	1.49	1.50	**1.52**	1.27	1.38	1.24	1.11	1.10	0.86	0.86	0.69	0.70	0.72	0.78
NC_1042	0.34	0.42	0.52	0.56	0.52	0.48	0.57	**0.64**	0.63	0.47	0.40	0.33	0.28	0.28	0.19	0.19	0.14	0.14	0.15	0.10
NC_1043	0.66	1.02	1.32	1.54	1.63	1.79	2.02	2.03	**2.12**	1.63	1.74	1.48	1.27	1.31	0.95	0.93	0.70	0.73	0.75	0.52
NC_1044	1.18	1.88	2.47	2.95	3.29	3.98	4.46	4.49	**4.61**	3.75	4.06	3.61	3.18	3.09	2.38	2.38	1.87	1.93	1.99	1.44
NC_1045	7.99	10.97	13.26	14.71	15.31	18.08	21.59	25.79	**27.49**	25.98	24.47	26.79	25.77	23.19	18.48	20.48	17.48	17.98	18.33	12.82
NC_1046	3.20	4.93	6.42	7.62	8.42	10.21	11.35	11.42	**11.71**	10.05	10.85	9.80	8.81	8.82	6.80	6.86	5.40	5.54	5.65	3.96
NC_1047	3.42	5.20	6.73	8.00	8.89	10.92	12.27	12.49	**12.89**	11.12	11.74	10.90	9.88	9.60	7.54	7.68	6.12	6.29	6.41	4.49
NC_1048	3.01	4.01	4.71	5.06	4.90	4.99	5.66	5.80	**5.98**	4.65	4.89	4.26	3.69	3.91	2.91	2.89	2.28	2.34	2.37	1.65
NC_1049	1.51	2.13	2.61	2.87	3.02	3.54	3.81	3.81	**3.94**	3.59	3.73	3.28	3.00	3.00	2.32	2.38	1.96	2.01	2.04	1.43
NC_1050	1.11	1.53	1.86	2.12	2.39	2.96	3.18	3.24	**3.33**	2.98	3.01	2.72	2.47	2.40	1.89	1.94	1.60	1.64	1.67	1.17
NC_1051	0.21	0.28	0.25	**0.32**	0.30	0.23	0.29	0.30	0.27	0.18	0.15	0.11	0.10	0.10	0.06	0.06	0.05	0.05	0.05	0.03
NC_1052	2.26	3.03	3.51	3.78	3.68	3.90	4.36	4.45	**4.62**	3.61	4.06	3.50	3.06	3.25	2.44	2.41	1.91	1.96	1.98	1.38
NC_1053	0.73	0.82	0.90	**1.00**	0.94	0.82	0.90	0.95	0.89	0.64	0.55	0.42	0.36	0.36	0.24	0.24	0.18	0.18	0.19	0.13
NC_1054	1.06	1.45	1.75	1.97	2.11	2.36	2.51	2.50	**2.51**	2.12	2.22	1.94	1.71	1.70	1.32	1.34	1.09	1.11	1.13	0.80
NC_1055	0.49	0.63	0.58	**0.71**	0.66	0.52	0.63	0.67	0.60	0.40	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1056	0.74	0.90	0.85	**1.01**	0.94	0.76	0.87	0.91	0.81	0.54	0.47	0.34	0.30	0.30	0.20	0.19	0.15	0.15	0.15	0.11
NC_1057	0.41	0.52	0.49	**0.57**	0.53	0.43	0.49	0.51	0.47	0.29	0.25	0.18	0.16	0.16	0.11	0.10	0.08	0.08	0.08	0.06
NC_1058	1.04	1.45	1.77	2.02	2.22	2.69	2.89	2.95	**3.01**	2.64	2.65	2.41	2.17	2.10	1.67	1.70	1.40	1.43	1.46	1.03
NC_1059	0.67	1.03	1.34	1.60	1.80	2.25	2.52	2.55	**2.63**	2.20	2.30	2.06	1.83	1.77	1.39	1.38	1.09	1.12	1.14	0.78
NC_1060	0.86	0.98	1.06	**1.18**	1.11	0.96	1.06	1.11	1.03	0.75	0.64	0.49	0.43	0.42	0.31	0.28	0.23	0.23	0.26	0.21
NC_1061	1.27	1.70	2.00	2.24	2.38	2.66	2.81	2.80	**2.82**	2.44	2.58	2.28	2.04	2.03	1.62	1.62	1.32	1.35	1.37	0.96
NC_1062	1.16	1.65	2.09	2.33	2.62	3.12	3.31	3.39	**3.50**	3.20	3.24	2.93	2.68	2.67	2.10	2.16	1.77	1.93	1.85	1.40
NC_1063	0.61	0.86	1.00	1.08	1.04	1.04	1.19	1.23	**1.26**	0.98	0.85	0.72	0.62	0.63	0.43	0.41	0.31	0.32	0.33	0.23
NC_1064	4.24	5.60	6.59	7.15	7.05	7.04	7.85	7.85	**7.95**	6.19	5.53	4.68	4.03	4.08	2.90	2.80	2.14	2.19	2.22	1.56
NC_1065	0.58	0.84	1.04	1.15	1.17	1.21	1.37	1.37	**1.41**	1.09	1.01	0.86	0.74	0.76	0.53	0.51	0.39	0.40	0.40	0.28
NC_1066	1.47	1.67	1.91	**2.10**	1.96	1.73	1.95	2.09	2.00	1.46	1.25	0.98	0.84	0.85	0.58	0.55	0.42	0.43	0.44	0.30
NC_1067	0.41	0.51	0.49	**0.60**	0.56	0.44	0.55	0.59	0.52	0.36	0.31	0.23	0.20	0.20	0.13	0.13	0.10	0.10	0.10	0.07
NC_1068	0.56	0.67	0.73	0.85	0.79	0.67	0.80	**0.87**	0.78	0.57	0.49	0.38	0.32	0.33	0.22	0.21	0.16	0.16	0.17	0.11
NC_1069	0.58	0.73	0.69	**0.81**	0.76	0.61	0.71	0.75	0.69	0.44	0.38	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_1070	0.86	1.03	1.00	**1.17**	1.09	0.89	1.02	1.06	0.97	0.65	0.56	0.41	0.36	0.36	0.24	0.23	0.18	0.18	0.18	0.13
NC_1071	0.31	0.40	0.37	**0.45**	0.41	0.33	0.39	0.42	0.37	0.24	0.21	0.15	0.13	0.13	0.09	0.08	0.06	0.07	0.07	0.05
NC_1072	0.39	0.49	0.49	0.60	0.56	0.44	0.56	**0.61**	0.53	0.38	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1073	3.10	3.58	3.90	**4.31**	4.04	3.51	3.92	4.10	3.88	2.80	2.40	1.83	1.58	1.59	1.07	1.03	0.79	0.81	0.82	0.57
NC_1074	4.32	5.26	5.89	**6.28**	5.93	5.40	5.96	6.09	6.15	4.48	3.81	3.00	2.59	2.61	1.76	1.69	1.29	1.32	1.34	0.94
NC_1075	1.58	1.89	1.96	**2.29**	2.13	1.76	2.09	2.25	2.03	1.45	1.25	0.95	0.82	0.83	0.56	0.54	0.41	0.42	0.42	0.30
NC_1076	0.22	0.27	0.32	0.38	0.35	0.30	0.38	**0.43**	0.38	0.29	0.25	0.20	0.17	0.17	0.11	0.11	0.08	0.08	0.09	0.06
NC_1077	0.15	0.19	0.21	0.26	0.24	0.20	0.25	**0.27**	0.24	0.17	0.15	0.12	0.10	0.10	0.07	0.06	0.05	0.05	0.05	0.03
NC_1078	1.14	1.29	1.45	**1.58**	1.48	1.31	1.45	1.52	1.45	1.06	0.89	0.69	0.60	0.60	0.40	0.39	0.30	0.30	0.31	0.22
NC_1079	1.47	1.88	2.13	2.26	2.15	2.05	2.34	2.43	**2.44**	1.89	1.61	1.35	1.16	1.18	0.81	0.78	0.60	0.61	0.62	0.44
NC_1080	0.31	0.41	0.38	**0.45**	0.42	0.33	0.39	0.41	0.38	0.24	0.21	0.15	0.13	0.13	0.09	0.08	0.06	0.07	0.07	0.05
NC_1081	0.45	0.62	0.73	0.81	0.82	0.88	0.99	1.03	**1.07**	0.85	0.78	0.69	0.58	0.60	0.42	0.41	0.31	0.32	0.32	0.22
NC_1082	0.63	0.74	0.89	0.97	0.91	0.83	0.95	**1.04**	1.01	0.76	0.65	0.53	0.45	0.46	0.31	0.30	0.23	0.23	0.24	0.16
NC_1083	0.25	0.31	0.34	0.41	0.38	0.31	0.39	**0.43**	0.38	0.28	0.24	0.19	0.16	0.16	0.11	0.10	0.08	0.08	0.08	0.06
NC_1084	0.40	0.48	0.58	0.68	0.63	0.53	0.68	**0.78**	0.71	0.54	0.47	0.39	0.34	0.34	0.24	0.23	0.17	0.18	0.18	0.12
NC_1085	0.45	0.64	0.76	0.83	0.84	0.89	1.00	1.04	**1.08**	0.85	0.78	0.68	0.58	0.60	0.42	0.40	0.30	0.31	0.32	0.22
NC_1086	0.29	0.36	0.36	0.45	0.42	0.33	0.42	**0.46**	0.40	0.28	0.25	0.19	0.16	0.16	0.11	0.10	0.08	0.08	0.08	0.06
NC_1087	1.15	1.35	1.59	1.72	1.78	1.99	2.20	2.18	**2.26**	1.79	1.95	1.66	1.43	1.51	1.09	1.06	0.81	0.83	0.85	0.59
NC_1088	0.83	0.97	1.07	1.21	1.13	0.98	1.15	**1.26**	1.18	0.89	0.76	0.62	0.53	0.54	0.37	0.35	0.27	0.27	0.28	0.19
NC_1089	0.48	0.55	0.66	0.73	0.68	0.61	0.72	**0.80**	0.77	0.58	0.50	0.41	0.35	0.36	0.25	0.24	0.18	0.18	0.19	0.13
NC_1090	0.31	0.38	0.40	0.49	0.45	0.37	0.47	**0.51**	0.44	0.33	0.28	0.22	0.19	0.19	0.13	0.12	0.09	0.09	0.10	0.07
NC_1091	1.30	1.48	1.68	1.86	1.74	1.53	1.74	**1.89**	1.80	1.34	1.15	0.93	0.80	0.81	0.55	0.53	0.40	0.41	0.42	0.29
NC_1092	4.08	6.02	7.66	9.04	10.08	12.36	14.05	14.43	**14.78**	12.76	12.98	12.06	10.74	9.82	7.91	8.13	6.65	6.83	6.92	4.80
NC_1093	1.17	1.54	1.80	1.95	1.98	2.21	2.43	2.43	**2.53**	1.99	2.17	1.86	1.61	1.69	1.24	1.21	0.92	0.95	0.96	0.67

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1094	1.23	1.59	1.79	1.91	1.81	1.71	1.96	2.03	**2.05**	1.57	1.36	1.15	0.99	1.01	0.69	0.66	0.50	0.52	0.52	0.37
NC_1095	1.38	1.60	1.79	1.98	1.85	1.63	1.87	**2.01**	1.93	1.43	1.23	0.99	0.86	0.87	0.59	0.56	0.43	0.44	0.45	0.31
NC_1096	0.41	0.53	0.65	0.72	0.67	0.71	0.80	**0.92**	0.91	0.71	0.63	0.56	0.48	0.49	0.34	0.33	0.25	0.25	0.26	0.18
NC_1097	0.38	0.59	0.75	0.83	0.87	0.93	1.06	1.08	**1.13**	0.87	0.87	0.76	0.64	0.67	0.47	0.46	0.35	0.36	0.36	0.25
NC_1098	0.53	0.61	0.68	**0.76**	0.71	0.61	0.69	0.73	0.69	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_1099	0.57	0.64	0.76	0.84	0.78	0.70	0.79	**0.86**	0.82	0.60	0.51	0.40	0.35	0.35	0.24	0.23	0.17	0.18	0.18	0.13
NC_1100	4.01	5.93	7.55	8.91	9.95	12.24	13.95	14.46	**14.84**	12.92	12.98	12.24	10.86	9.84	7.94	8.29	6.82	7.01	7.10	4.93
NC_1101	3.06	4.38	5.48	6.37	6.97	7.95	**8.68**	8.59	8.63	6.95	7.25	6.18	5.39	5.46	4.16	4.06	3.11	3.20	3.23	2.25
NC_1102	36.99	51.26	63.22	73.46	83.46	107.60	126.00	138.95	**144.92**	135.71	127.22	136.05	134.53	121.24	98.36	116.75	101.95	106.27	110.77	77.63
NC_1103	1.22	1.37	1.56	**1.70**	1.60	1.42	1.57	1.65	1.57	1.16	0.98	0.76	0.66	0.66	0.45	0.43	0.33	0.34	0.34	0.24
NC_1104	0.60	0.69	0.75	**0.82**	0.77	0.67	0.74	0.76	0.72	0.51	0.44	0.33	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_1105	0.33	0.47	0.59	0.68	0.76	0.93	1.72	3.04	3.52	3.49	3.20	3.93	**5.40**	5.39	3.18	4.27	3.54	3.62	3.68	2.61
NC_1106	36.84	51.02	62.87	72.83	82.75	106.82	124.51	135.92	**141.38**	132.07	124.46	131.99	129.80	117.35	96.22	112.28	98.24	102.25	106.68	74.74
NC_1107	2.81	3.97	4.89	5.59	5.96	6.41	7.08	7.02	**7.08**	5.59	5.70	4.75	4.12	4.28	3.12	3.02	2.31	2.36	2.40	1.67
NC_1108	0.57	0.65	0.70	**0.79**	0.74	0.63	0.71	0.74	0.69	0.49	0.42	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_1109	4.55	5.68	6.42	6.91	6.53	6.09	7.02	7.38	**7.45**	5.65	5.17	4.52	3.87	4.08	2.90	2.84	2.17	2.23	2.26	1.57
NC_1110	3.40	4.56	5.39	5.83	5.71	5.79	6.56	6.69	**6.86**	5.32	5.16	4.48	3.89	4.03	2.92	2.85	2.18	2.23	2.26	1.58
NC_1111	0.94	1.10	1.19	1.37	1.28	1.09	1.29	**1.41**	1.28	0.97	0.83	0.67	0.57	0.58	0.40	0.38	0.29	0.30	0.30	0.21
NC_1112	41.93	58.59	72.59	84.51	94.32	120.06	139.84	154.43	**161.21**	151.26	142.19	151.20	148.93	134.38	109.97	129.11	112.08	117.60	122.25	85.60
NC_1113	38.03	53.66	68.45	81.29	91.99	117.36	136.66	153.81	**161.79**	154.15	145.09	153.86	152.03	133.82	110.43	132.59	116.52	122.90	127.62	89.88
NC_1114	37.90	53.51	68.23	81.06	91.73	117.02	136.23	153.45	**161.69**	154.32	145.37	153.99	152.16	133.55	110.63	133.25	116.38	123.20	128.17	90.27
NC_1115	0.93	1.11	1.12	**1.32**	1.23	1.01	1.19	1.27	1.12	0.81	0.69	0.52	0.45	0.45	0.31	0.29	0.22	0.23	0.23	0.16
NC_1116	1.11	1.30	1.37	**1.57**	1.46	1.23	1.42	1.50	1.38	0.99	0.85	0.64	0.56	0.56	0.38	0.36	0.28	0.28	0.29	0.20
NC_1117	1.79	2.22	2.53	2.68	2.54	2.38	2.71	2.83	**2.87**	2.18	1.84	1.52	1.31	1.32	0.90	0.87	0.66	0.68	0.69	0.48
NC_1118	0.36	0.46	0.43	**0.50**	0.47	0.38	0.44	0.46	0.42	0.26	0.23	0.17	0.14	0.14	0.10	0.09	0.07	0.07	0.07	0.05
NC_1119	8.68	11.27	12.87	13.69	13.06	12.40	13.83	13.81	**14.16**	10.66	9.20	7.48	6.47	6.57	4.44	4.26	3.25	3.33	3.37	2.37
NC_1120	1.37	1.54	1.81	1.94	1.83	1.66	1.84	**1.96**	1.88	1.42	1.19	0.95	0.82	0.83	0.56	0.54	0.42	0.43	0.43	0.30
NC_1121	10.31	13.88	16.59	18.34	18.65	19.37	21.53	21.55	**21.94**	17.34	18.47	16.99	15.65	16.23	12.96	13.56	10.90	11.20	11.38	7.99
NC_1122	0.40	0.51	0.47	**0.57**	0.53	0.42	0.51	0.54	0.48	0.31	0.27	0.20	0.17	0.17	0.12	0.11	0.09	0.09	0.09	0.06
NC_1123	1.15	1.36	1.42	**1.63**	1.52	1.28	1.47	1.56	1.43	1.02	0.88	0.67	0.58	0.58	0.39	0.38	0.29	0.29	0.30	0.21
NC_1124	10.53	13.97	16.48	17.90	17.75	18.12	20.33	20.50	**20.99**	16.47	17.62	16.09	14.81	15.53	12.36	12.88	10.32	10.60	10.77	7.56
NC_1125	10.84	14.30	16.78	18.07	17.80	18.07	20.35	20.58	**21.11**	16.53	17.62	16.03	14.75	15.59	12.41	12.80	10.26	10.54	10.71	7.52
NC_1126	0.46	0.58	0.56	**0.69**	0.64	0.51	0.63	0.68	0.60	0.42	0.36	0.28	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_1127	1.54	1.75	1.82	**2.04**	1.91	1.63	1.78	1.84	1.71	1.22	1.04	0.78	0.68	0.68	0.46	0.44	0.34	0.35	0.35	0.25
NC_1128	0.92	1.11	1.09	**1.29**	1.21	0.98	1.15	1.21	1.08	0.76	0.65	0.49	0.42	0.42	0.28	0.27	0.21	0.21	0.22	0.15
NC_1129	1.90	2.17	2.37	**2.56**	2.40	2.13	2.30	2.36	2.30	1.65	1.41	1.08	0.93	0.93	0.63	0.61	0.46	0.48	0.48	0.34
NC_1130	2.76	3.24	3.63	**3.93**	3.69	3.30	3.67	3.82	3.77	2.73	2.33	1.83	1.58	1.59	1.08	1.03	0.79	0.81	0.82	0.57
NC_1131	2.08	2.84	3.74	4.68	5.39	6.99	8.11	8.49	**8.71**	7.58	7.41	7.12	6.24	5.80	4.84	5.04	4.25	4.36	4.45	3.12
NC_1132	0.80	1.00	0.95	**1.16**	1.08	0.85	1.04	1.11	0.98	0.69	0.60	0.45	0.39	0.39	0.27	0.26	0.20	0.20	0.20	0.14
NC_1133	2.99	3.53	4.00	4.37	4.10	3.66	4.15	**4.37**	4.27	3.13	2.66	2.09	1.81	1.82	1.23	1.18	0.90	0.92	0.93	0.65
NC_1134	1.58	1.84	1.98	**2.25**	2.10	1.78	2.04	2.18	2.01	1.45	1.25	0.95	0.82	0.82	0.55	0.53	0.41	0.42	0.42	0.30
NC_1135	0.37	0.46	0.45	**0.56**	0.52	0.41	0.51	0.55	0.49	0.34	0.29	0.22	0.19	0.19	0.13	0.12	0.09	0.10	0.10	0.07
NC_1136	0.52	0.81	1.06	1.25	1.33	1.46	1.64	1.65	**1.72**	1.33	1.39	1.18	1.01	1.05	0.75	0.73	0.55	0.57	0.58	0.39
NC_1137	3.39	4.49	5.27	5.68	5.51	5.41	6.12	6.18	**6.29**	4.83	4.27	3.56	3.06	3.13	2.18	2.09	1.60	1.64	1.66	1.17
NC_1138	0.43	0.55	0.51	**0.62**	0.58	0.45	0.55	0.58	0.52	0.34	0.30	0.22	0.19	0.19	0.13	0.12	0.09	0.10	0.10	0.07
NC_1139	1.15	1.38	1.36	**1.61**	1.50	1.22	1.43	1.50	1.33	0.95	0.82	0.61	0.53	0.53	0.36	0.34	0.26	0.27	0.27	0.19
NC_1140	0.76	0.87	0.98	**1.09**	1.02	0.89	1.02	1.09	1.01	0.75	0.64	0.50	0.43	0.43	0.29	0.28	0.22	0.22	0.22	0.16
NC_1141	2.19	2.72	3.98	4.84	5.23	5.96	6.69	6.76	**6.90**	5.15	5.43	4.54	3.74	3.82	2.66	2.68	2.30	2.36	2.40	1.70
NC_1142	2.13	2.67	3.77	4.62	5.07	5.92	6.64	6.68	**6.79**	5.14	5.46	4.61	3.85	3.79	2.74	2.77	2.39	2.45	2.49	1.76
NC_1143	0.69	0.84	0.84	**1.00**	0.93	0.75	0.91	0.98	0.87	0.62	0.53	0.40	0.35	0.35	0.24	0.23	0.17	0.18	0.18	0.13
NC_1144	2.15	2.71	3.81	4.69	5.20	6.32	7.08	7.10	**7.21**	5.57	5.85	5.04	4.27	3.98	3.14	3.15	2.68	2.75	2.80	1.98
NC_1145	2.20	2.74	3.85	4.75	5.30	6.58	7.37	7.38	**7.50**	5.87	6.13	5.34	4.56	4.20	3.40	3.40	2.87	2.95	3.00	2.12
NC_1146	0.48	0.61	0.56	**0.69**	0.64	0.50	0.62	0.65	0.58	0.39	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1147	0.53	0.61	0.65	**0.74**	0.69	0.59	0.66	0.70	0.65	0.46	0.40	0.30	0.26	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_1148	2.53	3.30	3.89	4.81	5.44	6.90	7.73	7.77	**7.91**	6.30	6.52	5.75	4.97	4.60	3.74	3.78	3.16	3.24	3.29	2.32
NC_1149	0.66	0.81	0.79	**0.96**	0.89	0.71	0.86	0.91	0.82	0.57	0.49	0.37	0.32	0.32	0.21	0.21	0.16	0.16	0.16	0.11
NC_1150	0.43	0.55	0.51	**0.63**	0.59	0.45	0.57	0.60	0.54	0.36	0.31	0.23	0.20	0.20	0.14	0.13	0.10	0.10	0.10	0.07
NC_1151	1.07	1.26	1.47	1.57	1.47	1.34	1.52	**1.60**	1.59	1.17	0.99	0.79	0.68	0.68	0.46	0.45	0.34	0.35	0.35	0.25
NC_1152	1.24	1.49	1.73	1.85	1.74	1.60	1.80	**1.89**	1.89	1.40	1.18	0.95	0.82	0.82	0.56	0.53	0.41	0.42	0.42	0.30
NC_1153	1.28	1.53	1.77	1.90	1.79	1.64	1.85	**1.95**	1.93	1.44	1.22	0.97	0.84	0.85	0.57	0.55	0.42	0.43	0.43	0.30
NC_1154	1.28	1.58	1.52	**1.83**	1.70	1.36	1.63	1.73	1.56	1.07	0.92	0.69	0.60	0.60	0.40	0.39	0.29	0.30	0.31	0.22
NC_1155	1.91	2.27	2.63	2.79	2.63	2.44	2.75	**2.90**	2.87	2.18	1.83	1.50	1.29	1.30	0.89	0.86	0.66	0.67	0.68	0.48
NC_1156	2.03	2.47	2.74	**2.92**	2.75	2.52	2.76	2.80	2.82	2.06	1.76	1.38	1.19	1.20	0.81	0.78	0.59	0.61	0.62	0.43
NC_1157	1.98	2.61	3.00	3.21	3.07	2.98	3.41	3.50	**3.54**	2.74	2.36	1.99	1.70	1.73	1.20	1.15	0.88	0.90	0.91	0.64
NC_1158	3.37	4.55	5.42	5.94	5.88	5.89	6.61	6.59	**6.73**	5.19	4.70	3.92	3.37	3.45	2.42	2.33	1.78	1.82	1.85	1.30
NC_1159	3.37	4.57	5.46	6.01	5.99	6.03	6.75	6.72	**6.85**	5.30	4.83	4.04	3.47	3.56	2.50	2.41	1.84	1.88	1.91	1.34
NC_1160	3.34	4.57	5.50	6.12	6.20	6.34	7.06	7.01	**7.11**	5.55	5.17	4.29	3.70	3.80	2.70	2.60	1.98	2.03	2.06	1.44
NC_1161	1.34	1.59	1.86	2.08	2.04	2.29	2.55	2.63	**2.68**	2.16	2.27	1.96	1.66	1.75	1.26	1.22	0.93	0.95	0.97	0.66
NC_1162	0.50	0.62	0.62	0.76	0.71	0.57	0.71	**0.77**	0.67	0.49	0.42	0.33	0.28	0.28	0.19	0.19	0.14	0.14	0.15	0.10
NC_1163	0.64	0.78	0.77	**0.93**	0.87	0.70	0.84	0.90	0.79	0.56	0.48	0.36	0.31	0.31	0.21	0.20	0.15	0.16	0.16	0.11
NC_1164	0.67	0.95	1.26	1.53	1.69	1.89	2.11	2.12	**2.17**	1.70	1.87	1.57	1.35	1.41	1.03	1.00	0.76	0.78	0.80	0.54
NC_1165	0.36	0.45	0.44	**0.54**	0.50	0.40	0.50	0.54	0.47	0.33	0.28	0.22	0.19	0.19	0.13	0.12	0.09	0.09	0.10	0.07
NC_1166	0.85	1.06	0.99	**1.19**	1.10	0.88	1.04	1.09	0.97	0.65	0.56	0.42	0.36	0.36	0.24	0.23	0.18	0.18	0.19	0.13

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1167	1.70	2.12	2.44	2.62	2.63	2.92	3.24	3.27	**3.44**	2.70	2.93	2.51	2.14	2.27	1.66	1.61	1.24	1.27	1.29	0.89
NC_1168	4.06	5.84	7.31	8.48	9.20	10.26	11.25	11.18	**11.26**	8.99	9.26	7.79	6.75	6.85	5.13	4.99	3.82	3.92	3.97	2.76
NC_1169	0.51	0.77	1.01	1.21	1.35	1.70	1.93	2.00	**2.07**	1.83	1.86	1.82	1.67	1.54	1.21	1.28	1.09	1.12	1.16	0.80
NC_1170	0.31	0.46	0.58	0.69	0.77	1.03	1.19	1.22	**1.27**	1.10	1.13	1.07	0.98	0.88	0.69	0.72	0.61	0.63	0.65	0.45
NC_1171	0.20	0.25	0.33	0.37	0.34	0.31	0.39	**0.44**	0.42	0.32	0.27	0.23	0.19	0.20	0.13	0.13	0.10	0.10	0.10	0.07
NC_1172	0.27	0.40	0.47	0.52	0.51	0.54	0.62	0.68	**0.70**	0.54	0.48	0.42	0.35	0.36	0.25	0.24	0.18	0.19	0.19	0.13
NC_1173	0.96	1.36	1.67	1.86	1.99	2.42	2.66	2.80	**2.91**	2.64	2.65	2.67	2.49	2.36	1.83	1.94	1.67	1.72	1.77	1.23
NC_1174	0.56	0.70	0.68	**0.83**	0.77	0.61	0.76	0.82	0.72	0.51	0.44	0.33	0.29	0.29	0.19	0.19	0.14	0.15	0.15	0.10
NC_1175	0.42	0.54	0.50	**0.61**	0.57	0.44	0.54	0.58	0.52	0.34	0.29	0.22	0.19	0.19	0.13	0.12	0.09	0.09	0.10	0.07
NC_1176	0.52	0.81	1.05	1.18	1.23	1.31	1.51	1.51	**1.59**	1.23	1.22	1.05	0.89	0.93	0.66	0.63	0.48	0.49	0.50	0.34
NC_1177	3.97	5.74	7.21	8.40	9.16	10.49	11.53	11.46	**11.57**	9.32	9.61	8.22	7.16	7.14	5.47	5.34	4.11	4.22	4.27	2.97
NC_1178	0.88	1.30	1.65	1.91	2.09	2.54	2.81	2.93	**3.04**	2.79	2.78	2.82	2.64	2.48	1.91	2.07	1.78	1.84	1.90	1.32
NC_1179	0.22	0.26	0.32	0.38	0.35	0.30	0.38	**0.42**	0.38	0.29	0.25	0.20	0.17	0.17	0.12	0.11	0.08	0.09	0.09	0.06
NC_1180	0.41	0.52	0.48	**0.59**	0.55	0.43	0.53	0.57	0.50	0.34	0.29	0.22	0.19	0.19	0.13	0.12	0.09	0.09	0.10	0.07
NC_1181	0.85	1.00	1.19	1.27	1.19	1.10	1.25	**1.34**	1.31	0.99	0.84	0.68	0.59	0.59	0.40	0.39	0.30	0.30	0.31	0.21
NC_1182	0.98	1.35	1.58	1.71	1.64	1.65	1.89	1.95	**1.99**	1.55	1.35	1.15	0.99	1.01	0.70	0.67	0.51	0.52	0.53	0.37
NC_1183	0.75	1.09	1.34	1.48	1.52	1.67	1.88	1.90	**1.99**	1.54	1.67	1.43	1.23	1.28	0.94	0.93	0.70	0.72	0.73	0.50
NC_1184	0.47	0.54	0.62	**0.68**	0.64	0.56	0.63	0.67	0.64	0.46	0.40	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_1185	0.42	0.65	0.85	1.00	1.09	1.23	1.37	1.37	**1.42**	1.10	1.25	1.06	0.91	0.95	0.70	0.69	0.52	0.54	0.54	0.37
NC_1186	0.24	0.30	0.34	0.40	0.37	0.31	0.39	**0.44**	0.38	0.29	0.25	0.19	0.17	0.17	0.11	0.11	0.08	0.08	0.09	0.06
NC_1187	0.95	1.41	1.79	2.09	2.28	2.71	2.98	3.08	**3.19**	2.94	2.95	2.97	2.79	2.64	2.06	2.19	1.89	1.95	2.01	1.40
NC_1188	0.89	1.37	1.76	2.06	2.21	2.46	2.75	2.76	**2.85**	2.22	2.46	2.09	1.81	1.88	1.39	1.37	1.05	1.07	1.09	0.74
NC_1189	0.39	0.49	0.47	**0.59**	0.54	0.43	0.53	0.58	0.51	0.35	0.30	0.23	0.20	0.20	0.13	0.13	0.10	0.10	0.10	0.07
NC_1190	3.35	4.64	5.61	6.23	6.31	6.53	7.29	7.29	**7.44**	5.82	5.46	4.60	3.95	4.06	2.90	2.81	2.14	2.19	2.22	1.55
NC_1191	0.89	1.10	1.02	**1.24**	1.15	0.91	1.09	1.15	1.02	0.69	0.60	0.44	0.38	0.38	0.26	0.25	0.19	0.20	0.20	0.14
NC_1192	2.10	2.48	2.85	3.13	2.93	2.62	3.03	**3.24**	3.14	2.33	1.99	1.61	1.38	1.40	0.95	0.91	0.69	0.71	0.72	0.50
NC_1193	2.29	3.13	3.74	4.06	4.04	4.07	4.55	4.54	**4.67**	3.61	3.29	2.78	2.37	2.45	1.71	1.65	1.26	1.29	1.31	0.92
NC_1194	11.79	15.18	17.45	18.61	17.91	17.22	19.31	19.50	**19.75**	15.14	13.32	11.14	9.64	9.83	6.86	6.59	5.03	5.16	5.25	3.75
NC_1195	1.33	1.53	1.63	**1.85**	1.73	1.47	1.65	1.75	1.62	1.16	1.00	0.75	0.65	0.65	0.44	0.42	0.32	0.33	0.34	0.24
NC_1196	1.06	1.23	1.30	**1.50**	1.40	1.17	1.35	1.43	1.29	0.93	0.80	0.60	0.52	0.52	0.35	0.33	0.26	0.26	0.26	0.19
NC_1197	0.51	0.65	0.61	**0.72**	0.67	0.54	0.63	0.66	0.59	0.38	0.33	0.24	0.21	0.21	0.14	0.13	0.10	0.11	0.11	0.08
NC_1198	0.68	0.85	0.80	**0.94**	0.87	0.71	0.82	0.86	0.77	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_1199	6.81	8.37	9.42	10.00	9.52	8.95	10.06	**10.43**	10.37	8.04	6.95	5.93	5.13	5.22	3.65	3.50	2.68	2.74	2.81	2.03
NC_1200	0.68	0.86	0.80	**0.95**	0.88	0.71	0.83	0.87	0.78	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_1201	5.69	6.92	7.78	8.25	7.86	7.41	8.32	**8.66**	8.61	6.73	5.83	4.98	4.31	4.39	3.07	2.95	2.25	2.31	2.36	1.72
NC_1202	0.83	1.03	0.97	**1.15**	1.07	0.86	1.00	1.05	0.94	0.63	0.54	0.40	0.35	0.35	0.23	0.22	0.17	0.18	0.18	0.13
NC_1203	1.24	1.44	1.57	**1.77**	1.65	1.43	1.65	1.76	1.64	1.22	1.04	0.82	0.71	0.72	0.49	0.47	0.36	0.37	0.37	0.26
NC_1204	1.44	1.64	1.77	**1.98**	1.85	1.59	1.77	1.86	1.74	1.25	1.07	0.81	0.70	0.70	0.47	0.45	0.35	0.36	0.36	0.25
NC_1205	1.04	1.25	1.22	**1.44**	1.34	1.09	1.26	1.32	1.18	0.82	0.71	0.52	0.45	0.45	0.31	0.29	0.23	0.23	0.23	0.17
NC_1206	0.42	0.54	0.51	**0.59**	0.55	0.45	0.52	0.54	0.49	0.31	0.27	0.20	0.17	0.17	0.11	0.11	0.08	0.09	0.09	0.06
NC_1207	0.89	1.09	1.03	**1.23**	1.15	0.92	1.07	1.11	0.99	0.68	0.59	0.43	0.37	0.37	0.25	0.24	0.18	0.19	0.19	0.14
NC_1208	0.61	0.77	0.71	**0.87**	0.80	0.63	0.77	0.81	0.72	0.48	0.42	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_1209	1.12	1.32	1.35	**1.57**	1.47	1.21	1.41	1.50	1.35	0.97	0.83	0.63	0.54	0.55	0.37	0.36	0.27	0.28	0.28	0.20
NC_1210	0.69	0.81	0.93	1.05	0.98	0.85	1.02	**1.13**	1.07	0.81	0.70	0.58	0.50	0.51	0.35	0.33	0.25	0.26	0.26	0.18
NC_1211	2.08	2.41	2.54	**2.87**	2.69	2.28	2.58	2.71	2.52	1.81	1.55	1.18	1.02	1.02	0.69	0.66	0.50	0.52	0.52	0.37
NC_1212	1.24	1.44	1.46	**1.68**	1.57	1.30	1.46	1.52	1.39	0.97	0.84	0.62	0.53	0.53	0.36	0.35	0.27	0.27	0.28	0.19
NC_1213	0.36	0.45	0.45	0.55	0.51	0.40	0.51	**0.55**	0.48	0.34	0.29	0.22	0.19	0.19	0.13	0.13	0.09	0.10	0.10	0.07
NC_1214	0.38	0.49	0.45	**0.56**	0.52	0.40	0.49	0.52	0.47	0.31	0.27	0.20	0.17	0.17	0.11	0.11	0.08	0.09	0.09	0.06
NC_1215	7.76	9.72	10.95	11.62	11.06	10.46	11.76	**12.16**	12.13	9.40	8.11	6.91	5.98	6.10	4.24	4.08	3.11	3.19	3.26	2.35
NC_1216	2.45	2.98	3.37	3.62	3.41	3.13	3.52	3.66	**3.67**	2.72	2.34	1.89	1.63	1.65	1.13	1.08	0.83	0.85	0.86	0.60
NC_1217	0.43	0.54	0.51	**0.61**	0.57	0.45	0.54	0.57	0.51	0.33	0.29	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.07
NC_1218	0.81	0.95	1.03	1.18	1.10	0.94	1.11	**1.19**	1.08	0.81	0.69	0.54	0.47	0.47	0.32	0.31	0.24	0.24	0.25	0.17
NC_1219	1.97	2.63	3.11	3.34	3.24	3.18	3.61	3.65	**3.73**	2.84	2.56	2.16	1.84	1.89	1.31	1.27	0.97	0.99	1.00	0.70
NC_1220	1.95	2.27	2.31	**2.66**	2.49	2.07	2.36	2.47	2.21	1.61	1.38	1.04	0.90	0.90	0.61	0.59	0.45	0.46	0.47	0.33
NC_1221	0.47	0.60	0.56	**0.66**	0.61	0.49	0.58	0.61	0.55	0.35	0.31	0.22	0.19	0.19	0.13	0.13	0.10	0.10	0.10	0.07
NC_1222	1.64	1.89	2.07	**2.26**	2.12	1.87	2.05	2.12	2.05	1.46	1.25	0.95	0.82	0.82	0.56	0.53	0.41	0.42	0.42	0.30
NC_1223	0.86	1.05	1.00	**1.18**	1.10	0.89	1.03	1.07	0.96	0.65	0.56	0.41	0.36	0.36	0.24	0.23	0.18	0.18	0.18	0.13
NC_1224	0.54	0.67	0.67	**0.81**	0.75	0.60	0.74	0.80	0.71	0.51	0.44	0.34	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.10
NC_1225	1.33	1.55	1.81	1.98	1.85	1.67	1.92	**2.06**	2.00	1.49	1.27	1.03	0.89	0.90	0.61	0.59	0.45	0.46	0.46	0.32
NC_1226	0.99	1.16	1.40	1.53	1.43	1.31	1.54	**1.72**	1.67	1.29	1.10	0.94	0.81	0.82	0.57	0.55	0.42	0.43	0.44	0.30
NC_1227	12.23	16.07	18.77	20.29	19.85	19.53	21.80	21.81	**22.12**	17.11	15.31	12.85	11.10	11.32	7.97	7.67	5.86	6.00	6.11	4.35
NC_1228	13.15	17.45	20.57	22.45	22.24	22.17	24.60	24.45	**24.77**	19.28	17.46	14.66	12.66	12.92	9.15	8.80	6.72	6.89	7.00	4.98
NC_1229	2.26	2.73	3.08	**3.26**	3.08	2.85	3.12	3.18	3.20	2.39	2.00	1.60	1.38	1.39	0.94	0.91	0.69	0.71	0.72	0.51
NC_1230	1.00	1.21	1.16	**1.37**	1.28	1.03	1.20	1.25	1.12	0.77	0.67	0.49	0.43	0.43	0.29	0.28	0.21	0.22	0.22	0.16
NC_1231	1.58	1.81	1.91	**2.15**	2.02	1.71	1.90	1.99	1.84	1.32	1.13	0.85	0.73	0.74	0.50	0.48	0.37	0.37	0.38	0.27
NC_1232	0.44	0.53	0.63	0.74	0.68	0.58	0.73	**0.84**	0.77	0.58	0.51	0.42	0.36	0.37	0.25	0.24	0.19	0.19	0.19	0.13
NC_1233	2.05	2.65	3.08	3.35	3.15	2.93	3.48	3.72	**3.75**	2.82	2.51	2.13	1.82	1.86	1.28	1.23	0.93	0.96	0.97	0.67
NC_1234	1.57	2.05	2.44	2.67	2.50	2.33	2.83	3.09	**3.11**	2.31	2.05	1.72	1.47	1.49	1.02	0.98	0.74	0.76	0.77	0.53
NC_1235	0.98	1.30	1.53	1.67	1.72	1.88	2.11	2.13	**2.24**	1.74	1.82	1.56	1.33	1.40	1.01	0.99	0.75	0.77	0.78	0.54
NC_1236	0.34	0.43	0.42	0.52	0.48	0.38	0.48	**0.52**	0.46	0.32	0.28	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.07
NC_1237	1.42	1.72	2.01	2.16	2.27	2.50	2.77	2.76	**2.88**	2.27	2.52	2.14	1.83	1.95	1.44	1.42	1.09	1.11	1.13	0.78
NC_1238	0.56	0.65	0.73	0.83	0.77	0.66	0.78	**0.84**	0.78	0.57	0.49	0.38	0.33	0.33	0.22	0.21	0.16	0.17	0.17	0.12
NC_1239	2.04	2.37	2.83	3.09	2.90	3.03	3.39	3.64	**3.65**	2.89	2.98	2.59	2.21	2.34	1.70	1.67	1.28	1.31	1.33	0.92

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1240	2.32	2.76	3.23	3.51	3.30	3.34	3.73	4.05	**4.07**	3.20	3.24	2.83	2.41	2.58	1.87	1.83	1.40	1.44	1.46	1.01
NC_1241	0.69	0.84	0.82	**0.99**	0.92	0.74	0.88	0.93	0.84	0.58	0.50	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.16	0.12
NC_1242	0.90	1.06	1.10	**1.27**	1.18	0.99	1.13	1.20	1.10	0.77	0.66	0.50	0.43	0.43	0.29	0.28	0.21	0.22	0.22	0.15
NC_1243	0.78	0.95	0.93	**1.11**	1.03	0.83	0.98	1.04	0.93	0.65	0.56	0.41	0.36	0.36	0.24	0.23	0.18	0.18	0.18	0.13
NC_1244	1.73	2.06	2.10	**2.44**	2.27	1.88	2.18	2.29	2.10	1.47	1.27	0.95	0.82	0.82	0.55	0.53	0.40	0.41	0.42	0.29
NC_1245	0.71	0.87	0.83	**1.01**	0.94	0.74	0.89	0.95	0.85	0.58	0.50	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_1246	0.51	0.65	0.60	**0.72**	0.67	0.53	0.63	0.67	0.60	0.39	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1247	0.77	0.94	0.90	**1.06**	0.99	0.80	0.93	0.97	0.87	0.59	0.50	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_1248	1.11	1.31	1.32	**1.55**	1.45	1.19	1.38	1.46	1.30	0.94	0.80	0.60	0.52	0.52	0.35	0.34	0.26	0.27	0.27	0.19
NC_1249	0.31	0.44	0.52	0.57	0.54	0.57	0.66	0.73	**0.74**	0.57	0.51	0.44	0.37	0.38	0.26	0.25	0.19	0.20	0.20	0.14
NC_1250	2.04	2.59	3.03	3.29	3.09	2.87	3.40	3.66	**3.68**	2.77	2.45	2.07	1.77	1.81	1.25	1.20	0.91	0.93	0.95	0.65
NC_1251	0.22	0.27	0.32	0.38	0.35	0.29	0.37	**0.42**	0.37	0.28	0.24	0.19	0.16	0.16	0.11	0.11	0.08	0.08	0.08	0.06
NC_1252	0.98	1.23	1.47	1.61	1.50	1.38	1.65	**1.80**	1.79	1.33	1.15	0.95	0.81	0.83	0.56	0.54	0.41	0.42	0.42	0.29
NC_1253	0.58	0.75	0.93	1.03	0.96	0.88	1.09	**1.23**	1.20	0.90	0.78	0.64	0.55	0.56	0.38	0.37	0.28	0.28	0.29	0.20
NC_1254	0.21	0.25	0.32	0.38	0.35	0.30	0.38	**0.43**	0.40	0.30	0.26	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.06
NC_1255	1.21	1.70	2.01	2.21	2.08	1.97	2.40	2.57	**2.62**	1.96	1.73	1.44	1.23	1.25	0.86	0.82	0.62	0.64	0.65	0.44
NC_1256	1.27	1.91	2.40	2.63	2.63	2.73	3.13	3.20	**3.34**	2.57	2.39	2.05	1.75	1.80	1.25	1.21	0.91	0.94	0.95	0.65
NC_1257	1.31	1.96	2.46	2.72	2.74	2.84	3.26	3.32	**3.47**	2.67	2.50	2.14	1.82	1.89	1.31	1.26	0.96	0.98	1.00	0.68
NC_1258	0.28	0.35	0.37	0.45	0.42	0.34	0.43	**0.47**	0.41	0.30	0.26	0.20	0.17	0.17	0.12	0.11	0.08	0.09	0.09	0.06
NC_1259	3.82	5.43	6.63	7.26	7.18	7.41	8.55	8.84	**9.19**	7.03	6.48	5.52	4.73	4.89	3.38	3.25	2.46	2.52	2.56	1.76
NC_1260	0.38	0.47	0.51	0.62	0.57	0.47	0.59	**0.66**	0.58	0.44	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_1261	38.35	54.53	69.47	82.69	93.69	119.72	139.63	159.37	**170.99**	167.21	159.36	165.99	163.93	139.51	118.02	147.22	128.36	137.87	144.53	101.93
NC_1262	0.26	0.40	0.49	0.54	0.51	0.53	0.62	0.68	**0.70**	0.53	0.48	0.41	0.35	0.36	0.25	0.24	0.18	0.18	0.19	0.13
NC_1263	1.19	1.46	1.39	1.65	1.54	1.25	1.51	**1.66**	1.49	1.14	1.03	0.89	0.76	0.79	0.56	0.54	0.41	0.42	0.43	0.30
NC_1264	0.66	0.95	1.13	1.25	1.17	1.14	1.38	1.50	**1.54**	1.16	1.01	0.85	0.73	0.75	0.51	0.49	0.37	0.38	0.38	0.26
NC_1265	1.02	1.40	1.64	1.80	1.69	1.59	1.93	2.09	**2.12**	1.59	1.39	1.15	0.98	1.00	0.68	0.66	0.50	0.51	0.52	0.35
NC_1266	1.71	2.45	2.95	3.24	3.08	3.04	3.64	3.84	**3.96**	2.98	2.67	2.24	1.92	1.97	1.35	1.29	0.98	1.00	1.02	0.70
NC_1267	0.28	0.35	0.37	0.45	0.42	0.34	0.43	**0.48**	0.41	0.30	0.26	0.20	0.18	0.18	0.12	0.11	0.09	0.09	0.09	0.06
NC_1268	0.33	0.42	0.40	**0.50**	0.47	0.37	0.46	0.50	0.44	0.30	0.26	0.20	0.17	0.17	0.12	0.11	0.08	0.09	0.09	0.06
NC_1269	1.74	2.51	3.08	3.38	3.27	3.28	3.87	4.03	**4.18**	3.14	2.87	2.41	2.06	2.12	1.46	1.40	1.06	1.09	1.10	0.76
NC_1270	0.70	0.85	0.92	1.08	1.00	0.84	1.02	**1.10**	1.00	0.72	0.62	0.48	0.42	0.42	0.28	0.27	0.20	0.21	0.21	0.15
NC_1271	1.63	2.30	2.84	3.12	3.18	3.32	3.79	3.85	**4.03**	3.13	2.91	2.51	2.16	2.23	1.54	1.48	1.12	1.15	1.17	0.80
NC_1272	0.10	0.12	0.15	0.17	0.16	0.13	0.17	**0.19**	0.17	0.12	0.10	0.08	0.07	0.07	0.05	0.04	0.03	0.03	0.03	0.02
NC_1273	1.80	2.74	3.53	4.17	4.59	5.48	6.09	6.12	**6.26**	5.32	5.73	5.30	4.95	4.79	3.69	3.87	3.24	3.37	3.45	2.38
NC_1274	1.22	1.45	1.68	1.79	1.68	1.54	1.73	**1.81**	1.80	1.33	1.12	0.89	0.77	0.77	0.52	0.50	0.38	0.39	0.40	0.28
NC_1275	1.58	2.15	2.57	2.83	2.83	2.86	3.19	3.16	**3.22**	2.50	2.27	1.90	1.63	1.68	1.17	1.13	0.86	0.88	0.89	0.63
NC_1276	0.84	1.02	1.00	**1.19**	1.11	0.89	1.06	1.12	0.99	0.70	0.60	0.45	0.39	0.39	0.26	0.25	0.19	0.20	0.20	0.14
NC_1277	0.69	0.86	1.04	1.16	1.08	0.97	1.18	**1.30**	1.27	0.94	0.81	0.66	0.57	0.58	0.39	0.37	0.28	0.29	0.29	0.20
NC_1278	6.32	7.29	7.69	**8.32**	7.83	6.87	7.30	7.40	7.16	5.04	4.29	3.23	2.80	2.79	1.89	1.82	1.39	1.43	1.45	1.03
NC_1279	8.55	10.26	11.27	**11.85**	11.24	10.34	10.94	10.87	10.96	8.03	6.76	5.28	4.59	4.58	3.10	3.06	2.29	2.34	2.37	1.69
NC_1280	1.40	1.67	1.61	**1.85**	1.73	1.43	1.58	1.64	1.48	1.01	0.87	0.64	0.55	0.55	0.37	0.36	0.28	0.28	0.29	0.20
NC_1281	0.57	0.73	0.69	**0.79**	0.74	0.61	0.69	0.72	0.65	0.41	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_1282	0.41	0.52	0.49	**0.58**	0.54	0.43	0.51	0.54	0.49	0.31	0.27	0.20	0.17	0.17	0.12	0.11	0.09	0.09	0.09	0.06
NC_1283	6.14	7.05	7.32	**8.06**	7.57	6.52	7.02	7.16	6.79	4.78	4.09	3.05	2.64	2.64	1.79	1.71	1.32	1.35	1.37	0.97
NC_1284	0.96	1.17	1.11	**1.29**	1.21	0.98	1.11	1.15	1.03	0.69	0.60	0.43	0.38	0.38	0.25	0.24	0.19	0.19	0.20	0.14
NC_1285	0.50	0.63	0.59	**0.71**	0.66	0.52	0.62	0.66	0.59	0.39	0.33	0.24	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_1286	0.41	0.53	0.49	**0.59**	0.54	0.44	0.51	0.54	0.49	0.31	0.27	0.20	0.17	0.17	0.12	0.11	0.08	0.09	0.09	0.06
NC_1287	0.38	0.49	0.45	**0.56**	0.52	0.40	0.49	0.52	0.47	0.31	0.26	0.20	0.17	0.17	0.11	0.11	0.08	0.09	0.09	0.06
NC_1288	1.26	1.52	1.44	**1.71**	1.60	1.29	1.50	1.56	1.38	0.97	0.83	0.62	0.53	0.53	0.36	0.35	0.27	0.27	0.28	0.20
NC_1289	0.38	0.49	0.45	**0.55**	0.51	0.40	0.48	0.51	0.46	0.30	0.26	0.19	0.16	0.16	0.11	0.10	0.08	0.08	0.08	0.06
NC_1290	0.74	0.89	0.88	**1.06**	0.98	0.79	0.94	1.00	0.88	0.62	0.53	0.40	0.34	0.34	0.23	0.22	0.17	0.17	0.18	0.12
NC_1291	0.44	0.56	0.52	**0.65**	0.60	0.46	0.58	0.61	0.55	0.36	0.31	0.23	0.20	0.20	0.14	0.13	0.10	0.10	0.10	0.07
NC_1292	0.49	0.61	0.60	**0.73**	0.68	0.54	0.66	0.71	0.64	0.45	0.39	0.29	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_1293	0.78	0.93	0.96	**1.14**	1.06	0.87	1.04	1.11	0.99	0.71	0.62	0.47	0.40	0.40	0.27	0.26	0.20	0.20	0.21	0.14
NC_1294	1.10	1.25	1.43	1.59	1.49	1.30	1.48	**1.59**	1.51	1.11	0.95	0.75	0.64	0.65	0.44	0.42	0.32	0.33	0.33	0.23
NC_1295	0.36	0.45	0.42	**0.52**	0.49	0.37	0.47	0.50	0.45	0.30	0.26	0.19	0.16	0.16	0.11	0.11	0.08	0.08	0.08	0.06
NC_1296	2.85	3.34	3.67	**4.03**	3.78	3.30	3.71	3.89	3.75	2.68	2.29	1.75	1.51	1.52	1.03	0.98	0.75	0.77	0.78	0.55
NC_1297	2.82	3.82	4.55	4.92	4.79	4.76	5.40	5.47	**5.61**	4.29	3.85	3.24	2.77	2.83	1.97	1.89	1.44	1.47	1.49	1.04
NC_1298	0.42	0.54	0.50	**0.60**	0.56	0.45	0.52	0.55	0.50	0.32	0.28	0.20	0.18	0.17	0.12	0.11	0.09	0.09	0.09	0.06
NC_1299	0.39	0.50	0.46	**0.57**	0.53	0.41	0.50	0.53	0.48	0.32	0.27	0.20	0.17	0.17	0.12	0.11	0.09	0.09	0.09	0.06
NC_1300	0.42	0.54	0.50	**0.61**	0.57	0.44	0.55	0.58	0.52	0.34	0.30	0.22	0.19	0.19	0.13	0.12	0.09	0.10	0.10	0.07
NC_1301	8.00	10.35	12.29	16.21	19.07	25.35	29.10	29.59	**30.34**	24.20	26.16	23.65	21.88	22.46	15.52	16.68	12.86	13.39	13.44	9.69
NC_1302	0.43	0.55	0.51	**0.61**	0.57	0.45	0.54	0.57	0.51	0.33	0.29	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.07
NC_1303	0.56	0.63	0.73	**0.81**	0.76	0.67	0.75	0.81	0.76	0.56	0.48	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.16	0.11
NC_1304	2.71	3.61	4.21	4.52	4.32	4.20	4.84	4.97	**5.06**	3.88	3.40	2.85	2.44	2.48	1.72	1.65	1.26	1.29	1.30	0.91
NC_1305	0.42	0.54	0.50	**0.61**	0.56	0.44	0.54	0.57	0.51	0.33	0.29	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.07
NC_1306	0.76	0.93	0.89	**1.07**	1.00	0.80	0.94	0.99	0.88	0.61	0.52	0.39	0.33	0.33	0.23	0.22	0.17	0.17	0.17	0.12
NC_1307	1.17	1.38	1.41	**1.63**	1.52	1.27	1.46	1.53	1.39	0.99	0.85	0.64	0.55	0.56	0.37	0.36	0.27	0.28	0.29	0.20
NC_1308	0.40	0.51	0.47	**0.57**	0.53	0.42	0.50	0.53	0.47	0.31	0.26	0.19	0.17	0.17	0.11	0.11	0.08	0.08	0.09	0.06
NC_1309	0.71	0.87	0.82	**0.99**	0.92	0.73	0.86	0.91	0.81	0.55	0.47	0.35	0.30	0.30	0.20	0.19	0.15	0.15	0.15	0.11
NC_1310	3.73	4.43	4.91	**5.32**	5.00	4.46	4.95	5.12	5.07	3.63	3.09	2.40	2.07	2.08	1.40	1.35	1.03	1.05	1.06	0.75
NC_1311	2.85	3.36	3.69	**4.07**	3.81	3.34	3.75	3.92	3.80	2.71	2.32	1.79	1.54	1.55	1.04	1.00	0.76	0.78	0.79	0.56
NC_1312	0.77	0.91	0.95	**1.09**	1.02	0.86	1.00	1.06	0.94	0.70	0.60	0.46	0.40	0.40	0.27	0.26	0.20	0.20	0.21	0.15

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1313	0.98	1.17	1.16	**1.38**	1.28	1.04	1.23	1.30	1.14	0.82	0.70	0.53	0.45	0.45	0.31	0.29	0.23	0.23	0.23	0.16
NC_1314	0.40	0.52	0.48	**0.58**	0.54	0.43	0.51	0.54	0.48	0.31	0.27	0.20	0.17	0.17	0.12	0.11	0.08	0.09	0.09	0.06
NC_1315	0.42	0.53	0.49	**0.61**	0.56	0.44	0.54	0.57	0.51	0.34	0.29	0.22	0.19	0.19	0.13	0.12	0.09	0.09	0.10	0.07
NC_1316	0.42	0.54	0.50	**0.62**	0.57	0.44	0.55	0.59	0.52	0.35	0.30	0.22	0.19	0.19	0.13	0.13	0.10	0.10	0.10	0.07
NC_1317	1.58	1.84	1.97	**2.24**	2.09	1.77	2.04	2.16	2.00	1.43	1.23	0.93	0.81	0.81	0.55	0.52	0.40	0.41	0.41	0.29
NC_1318	0.47	0.60	0.56	**0.68**	0.63	0.50	0.60	0.64	0.57	0.38	0.32	0.24	0.21	0.21	0.14	0.13	0.10	0.10	0.11	0.08
NC_1319	2.75	3.46	4.02	4.30	4.50	5.50	6.88	7.23	**7.39**	5.94	5.41	5.38	5.02	4.63	3.98	4.04	3.39	3.48	3.53	2.55
NC_1320	0.86	1.04	1.01	**1.20**	1.12	0.90	1.06	1.11	0.99	0.69	0.59	0.44	0.38	0.38	0.26	0.25	0.19	0.19	0.19	0.14
NC_1321	2.82	3.76	4.34	4.72	4.78	4.92	5.41	5.39	**5.46**	4.38	4.17	3.56	3.07	3.11	2.26	2.18	1.67	1.74	1.79	1.35
NC_1322	2.76	3.70	4.29	4.69	4.78	4.97	5.44	5.42	**5.48**	4.42	4.23	3.61	3.11	3.13	2.31	2.23	1.71	1.78	1.83	1.38
NC_1323	0.23	0.29	0.28	**0.36**	0.33	0.26	0.33	0.35	0.31	0.21	0.18	0.14	0.12	0.12	0.08	0.08	0.06	0.06	0.06	0.04
NC_1324	7.47	10.37	12.67	14.32	15.05	16.52	18.22	18.26	**18.54**	14.80	15.52	13.43	12.02	12.07	9.22	9.25	10.71	10.05	11.15	5.55
NC_1325	2.96	3.74	4.37	4.72	4.46	4.66	5.27	5.63	**5.73**	4.47	4.10	3.58	3.04	3.16	2.25	2.17	1.65	1.70	1.72	1.20
NC_1326	0.25	0.32	0.32	0.40	0.37	0.29	0.37	**0.40**	0.35	0.25	0.21	0.16	0.14	0.14	0.09	0.09	0.07	0.07	0.07	0.05
NC_1327	2.29	3.21	3.95	4.48	4.60	4.95	5.52	5.55	**5.70**	4.47	4.60	3.88	3.35	3.47	2.56	2.48	1.91	1.95	1.98	1.38
NC_1328	0.60	0.68	0.75	**0.84**	0.79	0.68	0.76	0.80	0.75	0.54	0.46	0.35	0.31	0.31	0.21	0.20	0.15	0.16	0.16	0.11
NC_1329	0.41	0.52	0.50	**0.62**	0.58	0.45	0.57	0.61	0.54	0.38	0.33	0.25	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.08
NC_1330	1.17	1.61	1.87	2.04	1.99	2.09	2.35	2.44	**2.51**	1.98	1.81	1.58	1.34	1.39	0.98	0.94	0.72	0.74	0.75	0.52
NC_1331	0.41	0.51	0.62	0.67	0.63	0.58	0.69	**0.78**	0.77	0.58	0.50	0.41	0.35	0.36	0.25	0.24	0.18	0.18	0.19	0.13
NC_1332	0.38	0.47	0.49	0.60	0.55	0.45	0.57	**0.63**	0.54	0.40	0.35	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.08
NC_1333	1.97	2.58	3.03	3.29	3.40	3.62	4.08	4.07	**4.26**	3.31	3.41	2.92	2.48	2.61	1.89	1.83	1.40	1.44	1.46	1.01
NC_1334	1.26	1.80	2.21	2.42	2.46	2.60	2.97	3.01	**3.15**	2.43	2.37	2.05	1.74	1.81	1.29	1.25	0.95	0.97	0.99	0.68
NC_1335	2.89	3.35	3.91	4.23	3.96	3.62	4.26	**4.63**	4.63	3.51	3.06	2.57	2.20	2.25	1.55	1.49	1.13	1.16	1.18	0.82
NC_1336	2.20	2.58	2.93	3.14	2.95	2.68	3.06	3.25	**3.26**	2.42	2.12	1.77	1.52	1.55	1.06	1.02	0.78	0.80	0.81	0.56
NC_1337	4.42	5.46	6.27	6.71	6.33	5.93	6.87	7.26	**7.35**	5.52	4.84	4.04	3.47	3.54	2.42	2.33	1.77	1.81	1.84	1.28
NC_1338	1.07	1.27	1.33	**1.57**	1.46	1.20	1.43	1.55	1.38	1.00	0.86	0.66	0.57	0.57	0.38	0.37	0.28	0.29	0.29	0.20
NC_1339	0.37	0.48	0.59	0.65	0.60	0.64	0.73	**0.83**	0.83	0.64	0.57	0.50	0.43	0.44	0.30	0.29	0.22	0.23	0.23	0.16
NC_1340	0.35	0.45	0.42	**0.53**	0.49	0.38	0.48	0.51	0.46	0.31	0.27	0.20	0.17	0.17	0.12	0.11	0.08	0.09	0.09	0.06
NC_1341	0.77	0.92	1.00	1.16	1.08	0.92	1.12	**1.25**	1.16	0.88	0.77	0.64	0.55	0.56	0.39	0.37	0.28	0.29	0.30	0.21
NC_1342	0.34	0.40	0.50	0.56	0.52	0.46	0.57	**0.66**	0.63	0.48	0.42	0.35	0.30	0.31	0.21	0.20	0.15	0.16	0.16	0.11
NC_1343	1.51	1.75	1.99	2.22	2.07	1.82	2.15	**2.38**	2.30	1.73	1.51	1.25	1.07	1.10	0.75	0.72	0.55	0.56	0.57	0.40
NC_1344	0.47	0.58	0.61	0.74	0.68	0.56	0.70	**0.78**	0.68	0.51	0.44	0.35	0.30	0.31	0.21	0.20	0.15	0.16	0.16	0.11
NC_1345	0.24	0.29	0.33	0.39	0.36	0.30	0.38	**0.42**	0.37	0.28	0.24	0.19	0.16	0.16	0.11	0.10	0.08	0.08	0.08	0.06
NC_1346	0.31	0.39	0.40	0.49	0.45	0.36	0.45	**0.50**	0.43	0.31	0.27	0.20	0.18	0.18	0.12	0.11	0.09	0.09	0.09	0.06
NC_1347	1.61	1.92	2.16	2.49	2.31	1.97	2.38	**2.60**	2.40	1.76	1.52	1.19	1.03	1.04	0.70	0.67	0.51	0.52	0.53	0.37
NC_1348	0.37	0.47	0.43	**0.53**	0.49	0.38	0.47	0.50	0.45	0.30	0.26	0.19	0.16	0.16	0.11	0.11	0.08	0.08	0.08	0.06
NC_1349	1.11	1.32	1.36	**1.59**	1.48	1.23	1.44	1.53	1.37	1.00	0.86	0.65	0.56	0.57	0.38	0.37	0.28	0.29	0.29	0.20
NC_1350	5.33	6.44	7.33	7.90	7.42	6.73	7.65	8.02	**8.05**	5.84	5.04	3.99	3.44	3.48	2.35	2.26	1.71	1.76	1.78	1.24
NC_1351	0.78	0.93	0.94	**1.12**	1.04	0.84	1.00	1.07	0.94	0.67	0.58	0.43	0.37	0.37	0.25	0.24	0.18	0.19	0.19	0.13
NC_1352	0.46	0.58	0.54	**0.67**	0.62	0.48	0.60	0.63	0.56	0.38	0.33	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.08
NC_1353	0.39	0.49	0.45	**0.57**	0.53	0.41	0.51	0.54	0.48	0.33	0.28	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.06
NC_1354	1.12	1.32	1.38	**1.60**	1.49	1.24	1.46	1.56	1.40	1.02	0.88	0.67	0.58	0.58	0.40	0.38	0.29	0.30	0.30	0.21
NC_1355	0.75	0.91	0.90	**1.07**	1.00	0.81	0.96	1.02	0.90	0.64	0.55	0.41	0.36	0.36	0.24	0.23	0.18	0.18	0.18	0.13
NC_1356	5.43	6.77	7.64	8.22	7.73	7.09	8.07	8.38	**8.49**	6.17	5.36	4.28	3.68	3.74	2.53	2.43	1.84	1.89	1.92	1.34
NC_1357	0.26	0.34	0.32	**0.37**	0.35	0.28	0.33	0.35	0.31	0.20	0.17	0.12	0.11	0.11	0.07	0.07	0.05	0.05	0.05	0.04
NC_1358	1.50	1.70	1.96	**2.13**	2.00	1.77	1.97	2.10	2.03	1.47	1.26	0.97	0.84	0.84	0.57	0.55	0.42	0.43	0.43	0.30
NC_1359	0.43	0.54	0.50	**0.62**	0.58	0.45	0.55	0.59	0.52	0.35	0.30	0.22	0.19	0.19	0.13	0.12	0.09	0.10	0.10	0.07
NC_1360	0.77	0.93	0.92	**1.10**	1.03	0.83	0.98	1.05	0.94	0.65	0.56	0.42	0.37	0.37	0.25	0.24	0.18	0.18	0.19	0.13
NC_1361	0.98	1.49	1.89	2.21	2.44	2.89	3.14	3.20	**3.27**	3.02	3.08	3.05	2.95	2.89	2.32	2.43	2.11	2.16	2.24	1.61
NC_1362	1.78	2.07	2.29	**2.52**	2.36	2.07	2.33	2.45	2.36	1.70	1.46	1.13	0.97	0.98	0.66	0.63	0.48	0.49	0.50	0.35
NC_1363	1.51	1.76	1.87	**2.14**	2.00	1.68	1.94	2.08	1.89	1.37	1.18	0.90	0.78	0.78	0.53	0.51	0.39	0.40	0.40	0.28
NC_1364	0.65	0.80	0.77	**0.93**	0.87	0.69	0.82	0.87	0.78	0.53	0.46	0.34	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.11
NC_1365	3.84	4.56	5.11	**5.53**	5.19	4.64	5.18	5.38	5.34	3.84	3.28	2.56	2.21	2.23	1.50	1.44	1.10	1.13	1.14	0.80
NC_1366	2.43	2.82	3.12	**3.45**	3.23	2.82	3.17	3.34	3.20	2.30	1.98	1.52	1.32	1.32	0.89	0.86	0.65	0.67	0.68	0.48
NC_1367	1.20	1.37	1.48	**1.68**	1.57	1.33	1.51	1.61	1.49	1.07	0.92	0.70	0.60	0.60	0.41	0.39	0.30	0.30	0.31	0.22
NC_1368	1.47	1.71	2.00	2.22	2.07	2.09	2.34	**2.58**	2.54	2.01	1.94	1.72	1.46	1.54	1.08	1.04	0.79	0.81	0.82	0.57
NC_1369	0.38	0.49	0.45	**0.55**	0.51	0.40	0.49	0.52	0.46	0.30	0.26	0.19	0.17	0.17	0.11	0.11	0.08	0.08	0.08	0.06
NC_1370	0.85	1.02	1.04	**1.23**	1.14	0.94	1.11	1.19	1.05	0.76	0.65	0.49	0.43	0.43	0.29	0.28	0.21	0.22	0.22	0.15
NC_1371	4.74	6.63	8.61	10.77	12.92	17.99	21.63	24.45	**25.79**	23.68	22.77	24.20	22.59	20.35	16.58	17.62	14.80	15.23	15.52	10.85
NC_1372	0.90	1.07	1.10	**1.29**	1.20	0.99	1.17	1.24	1.12	0.81	0.69	0.52	0.45	0.45	0.31	0.29	0.22	0.23	0.23	0.16
NC_1373	3.10	4.78	6.89	9.09	10.91	15.19	18.24	20.08	**21.05**	19.03	18.75	19.36	17.75	16.18	13.04	13.63	11.20	11.52	11.70	8.47
NC_1374	0.26	0.33	0.31	**0.37**	0.35	0.27	0.33	0.35	0.32	0.20	0.17	0.13	0.11	0.11	0.07	0.07	0.05	0.06	0.06	0.04
NC_1375	0.51	0.63	0.62	**0.76**	0.70	0.56	0.69	0.74	0.66	0.46	0.40	0.30	0.26	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_1376	1.02	1.22	1.25	**1.46**	1.36	1.12	1.31	1.40	1.26	0.90	0.78	0.59	0.51	0.51	0.35	0.33	0.25	0.26	0.26	0.18
NC_1377	0.33	0.41	0.47	0.56	0.52	0.43	0.55	**0.62**	0.56	0.42	0.36	0.30	0.25	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_1378	0.30	0.38	0.39	0.48	0.44	0.36	0.45	**0.49**	0.43	0.31	0.27	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.06
NC_1379	1.31	1.55	1.82	1.97	1.85	1.72	2.03	2.22	**2.23**	1.71	1.53	1.32	1.13	1.16	0.81	0.78	0.59	0.61	0.62	0.43
NC_1380	1.79	2.07	2.26	**2.50**	2.34	2.03	2.31	2.45	2.33	1.69	1.46	1.15	0.99	1.01	0.68	0.66	0.50	0.51	0.52	0.37
NC_1381	0.33	0.42	0.43	0.53	0.49	0.39	0.50	**0.55**	0.47	0.35	0.30	0.23	0.20	0.20	0.14	0.13	0.10	0.10	0.10	0.07
NC_1382	0.54	0.69	0.64	**0.79**	0.73	0.57	0.71	0.75	0.67	0.46	0.39	0.29	0.25	0.25	0.17	0.17	0.13	0.13	0.13	0.09
NC_1383	0.96	1.09	1.28	1.40	1.31	1.17	1.33	**1.44**	1.39	1.03	0.88	0.70	0.61	0.61	0.42	0.40	0.30	0.31	0.32	0.22
NC_1384	0.75	0.91	0.91	**1.09**	1.01	0.82	0.98	1.04	0.93	0.66	0.57	0.43	0.37	0.37	0.25	0.24	0.18	0.19	0.19	0.13
NC_1385	0.45	0.58	0.55	**0.64**	0.59	0.48	0.56	0.58	0.53	0.34	0.29	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.10	0.07

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1386	4.60	6.75	8.60	10.13	11.23	13.64	15.19	15.36	**15.82**	13.59	14.41	13.31	12.08	11.87	9.29	9.45	7.53	7.73	7.87	5.51
NC_1387	1.00	1.12	1.32	1.45	1.36	1.22	1.40	**1.55**	1.50	1.15	0.99	0.85	0.72	0.74	0.52	0.50	0.38	0.39	0.39	0.28
NC_1388	0.86	1.16	1.37	1.48	1.52	1.63	1.83	1.84	**1.92**	1.51	1.50	1.29	1.10	1.15	0.83	0.80	0.61	0.62	0.63	0.44
NC_1389	0.35	0.44	0.42	**0.53**	0.49	0.38	0.48	0.52	0.46	0.31	0.27	0.20	0.17	0.17	0.12	0.11	0.09	0.09	0.09	0.06
NC_1390	1.40	1.65	1.71	**1.99**	1.85	1.53	1.78	1.90	1.70	1.22	1.05	0.79	0.69	0.69	0.46	0.45	0.34	0.35	0.35	0.25
NC_1391	0.43	0.55	0.51	**0.64**	0.59	0.46	0.57	0.61	0.54	0.36	0.31	0.23	0.20	0.20	0.14	0.13	0.10	0.10	0.10	0.07
NC_1392	0.66	0.81	0.79	**0.95**	0.88	0.71	0.85	0.90	0.80	0.56	0.48	0.36	0.31	0.31	0.21	0.20	0.15	0.16	0.16	0.11
NC_1393	7.30	10.44	13.05	15.12	16.48	19.41	21.48	21.56	**22.09**	18.95	20.17	18.58	16.86	16.52	12.90	13.20	10.58	10.87	11.05	7.72
NC_1394	2.65	3.64	4.39	4.88	4.98	5.23	5.83	5.87	**6.01**	4.73	5.04	4.45	3.90	3.98	3.02	3.06	2.42	2.48	2.52	1.75
NC_1395	2.80	3.81	4.55	4.99	4.96	5.13	5.77	5.84	**6.01**	4.69	4.99	4.36	3.80	3.94	2.96	2.96	2.35	2.41	2.44	1.70
NC_1396	0.70	0.91	1.06	1.13	1.07	1.06	1.24	1.34	**1.36**	1.05	0.91	0.78	0.66	0.68	0.47	0.45	0.34	0.35	0.35	0.24
NC_1397	0.48	0.61	0.57	**0.69**	0.64	0.51	0.61	0.65	0.58	0.38	0.33	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.08
NC_1398	1.05	1.21	1.41	1.50	1.41	1.29	1.42	**1.50**	1.47	1.09	0.92	0.73	0.63	0.63	0.43	0.41	0.32	0.32	0.33	0.23
NC_1399	0.42	0.54	0.50	**0.61**	0.56	0.44	0.54	0.57	0.51	0.33	0.29	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.07
NC_1400	0.39	0.50	0.46	**0.58**	0.53	0.41	0.52	0.55	0.49	0.33	0.29	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.07
NC_1401	0.62	0.73	0.74	**0.84**	0.79	0.66	0.73	0.75	0.70	0.49	0.42	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_1402	0.03	0.03	0.03	**0.04**	0.03	0.03	0.03	0.03	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00
NC_1403	0.56	0.66	0.71	0.82	0.76	0.65	0.78	**0.86**	0.79	0.60	0.51	0.41	0.36	0.36	0.25	0.24	0.18	0.18	0.19	0.13
NC_1404	0.97	1.12	1.18	**1.34**	1.25	1.07	1.23	1.33	1.24	0.92	0.79	0.63	0.54	0.55	0.37	0.36	0.27	0.28	0.28	0.20
NC_1405	0.90	1.14	1.30	1.38	1.34	1.37	1.54	**1.64**	1.62	1.29	1.07	0.92	0.79	0.80	0.56	0.54	0.41	0.44	0.46	0.36
NC_1406	0.03	0.04	0.04	**0.04**	0.04	0.03	0.04	0.04	0.04	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
NC_1407	0.13	0.17	0.16	**0.20**	0.19	0.14	0.18	0.19	0.17	0.11	0.10	0.07	0.06	0.06	0.04	0.04	0.03	0.03	0.03	0.02
NC_1408	1.03	1.22	1.26	**1.47**	1.37	1.14	1.33	1.43	1.27	0.93	0.80	0.61	0.52	0.53	0.36	0.34	0.26	0.27	0.27	0.19
NC_1409	0.55	0.69	0.65	**0.80**	0.75	0.59	0.73	0.78	0.69	0.48	0.41	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_1410	0.44	0.56	0.53	**0.62**	0.58	0.46	0.55	0.58	0.52	0.34	0.29	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.07
NC_1411	0.91	1.13	1.05	**1.29**	1.20	0.94	1.14	1.21	1.07	0.74	0.64	0.48	0.41	0.41	0.28	0.27	0.20	0.21	0.21	0.15
NC_1412	0.96	1.15	1.31	**1.40**	1.32	1.21	1.33	1.37	1.37	1.01	0.85	0.67	0.58	0.58	0.39	0.38	0.29	0.30	0.30	0.21
NC_1413	0.19	0.25	0.23	**0.28**	0.26	0.21	0.24	0.25	0.23	0.14	0.12	0.09	0.08	0.08	0.05	0.05	0.04	0.04	0.04	0.03
NC_1414	0.47	0.60	0.57	**0.66**	0.61	0.50	0.57	0.60	0.54	0.35	0.30	0.22	0.19	0.19	0.13	0.12	0.09	0.10	0.10	0.07
NC_1415	2.06	2.56	2.88	3.04	2.89	2.73	3.04	3.13	**3.14**	2.42	2.05	1.73	1.49	1.51	1.04	1.00	0.76	0.78	0.79	0.56
NC_1416	1.17	1.34	1.43	**1.59**	1.49	1.29	1.45	1.54	1.47	1.08	0.92	0.74	0.64	0.64	0.44	0.42	0.32	0.33	0.33	0.23
NC_1417	1.58	1.84	2.11	2.21	2.09	1.95	2.15	2.23	**2.24**	1.70	1.43	1.19	1.03	1.04	0.71	0.68	0.52	0.53	0.54	0.38
NC_1418	0.49	0.62	0.59	**0.67**	0.62	0.52	0.58	0.60	0.55	0.35	0.30	0.22	0.19	0.19	0.13	0.12	0.09	0.10	0.10	0.07
NC_1419	1.87	2.43	2.81	2.99	2.89	2.83	3.16	3.17	**3.21**	2.50	2.18	1.87	1.61	1.63	1.14	1.09	0.84	0.86	0.87	0.61
NC_1420	4.06	5.09	5.76	6.13	5.84	5.56	6.30	**6.50**	6.48	5.00	4.28	3.64	3.12	3.17	2.20	2.12	1.62	1.66	1.68	1.19
NC_1421	11.77	16.85	20.93	24.28	26.84	32.63	37.13	38.63	**39.68**	35.16	34.93	34.62	31.41	28.37	23.16	25.31	21.10	21.71	22.04	15.52
NC_1422	1.02	1.24	1.17	**1.34**	1.25	1.04	1.13	1.17	1.05	0.70	0.61	0.44	0.38	0.38	0.26	0.25	0.19	0.20	0.20	0.14
NC_1423	3.12	3.61	3.81	**4.24**	3.97	3.41	3.80	3.97	3.73	2.68	2.30	1.75	1.51	1.52	1.03	0.99	0.75	0.77	0.78	0.55
NC_1424	0.27	0.34	0.36	0.44	0.40	0.32	0.41	**0.45**	0.39	0.29	0.25	0.19	0.16	0.16	0.11	0.11	0.08	0.08	0.08	0.06
NC_1425	8.43	12.11	15.14	17.59	19.34	23.45	26.82	27.69	**28.50**	25.02	25.39	24.57	22.08	20.40	16.42	17.47	14.58	15.00	15.24	10.61
NC_1426	1.15	1.33	1.45	**1.65**	1.54	1.31	1.51	1.61	1.48	1.07	0.92	0.70	0.61	0.61	0.41	0.40	0.30	0.31	0.31	0.22
NC_1427	2.48	2.84	2.92	**3.26**	3.06	2.60	2.83	2.90	2.70	1.91	1.64	1.22	1.06	1.05	0.71	0.69	0.53	0.54	0.55	0.39
NC_1428	1.25	1.50	1.42	**1.63**	1.53	1.26	1.39	1.43	1.28	0.87	0.75	0.55	0.48	0.47	0.32	0.31	0.24	0.24	0.25	0.18
NC_1429	0.93	1.16	1.10	**1.25**	1.17	0.97	1.08	1.12	1.01	0.66	0.57	0.41	0.36	0.36	0.24	0.23	0.18	0.18	0.19	0.13
NC_1430	0.98	1.22	1.14	**1.34**	1.25	1.01	1.17	1.22	1.09	0.73	0.63	0.46	0.40	0.40	0.27	0.26	0.20	0.20	0.21	0.15
NC_1431	1.14	1.38	1.31	**1.50**	1.40	1.16	1.28	1.32	1.20	0.80	0.69	0.50	0.44	0.44	0.30	0.28	0.22	0.22	0.23	0.16
NC_1432	1.67	1.95	1.97	**2.25**	2.10	1.76	1.97	2.04	1.87	1.33	1.14	0.85	0.74	0.74	0.50	0.48	0.37	0.38	0.38	0.27
NC_1433	5.76	6.68	7.30	**7.77**	7.33	6.59	7.01	7.08	7.01	5.04	4.27	3.27	2.84	2.84	1.92	1.84	1.41	1.45	1.47	1.04
NC_1434	8.88	10.64	11.88	**12.60**	11.91	10.91	11.83	12.01	12.06	8.82	7.53	5.91	5.12	5.14	3.48	3.34	2.56	2.62	2.65	1.87
NC_1435	1.76	2.10	2.40	**2.53**	2.39	2.21	2.45	2.53	2.53	1.89	1.58	1.28	1.10	1.11	0.75	0.72	0.55	0.57	0.57	0.40
NC_1436	0.48	0.60	0.60	0.73	0.68	0.54	0.67	**0.73**	0.64	0.46	0.40	0.31	0.26	0.27	0.18	0.17	0.13	0.13	0.14	0.09
NC_1437	0.45	0.58	0.54	**0.64**	0.60	0.48	0.56	0.59	0.53	0.35	0.30	0.22	0.19	0.19	0.13	0.12	0.09	0.10	0.10	0.07
NC_1438	1.01	1.25	1.17	**1.38**	1.29	1.04	1.21	1.26	1.13	0.76	0.65	0.48	0.42	0.42	0.28	0.27	0.21	0.21	0.22	0.15
NC_1439	0.22	0.27	0.32	0.38	0.35	0.29	0.37	**0.42**	0.37	0.28	0.24	0.19	0.17	0.17	0.11	0.11	0.08	0.08	0.08	0.06
NC_1440	1.43	1.68	1.70	**1.95**	1.82	1.52	1.72	1.79	1.64	1.16	1.00	0.75	0.65	0.65	0.44	0.42	0.32	0.33	0.33	0.24
NC_1441	0.43	0.55	0.52	**0.61**	0.56	0.46	0.53	0.55	0.50	0.32	0.28	0.20	0.17	0.17	0.12	0.11	0.09	0.09	0.09	0.06
NC_1442	0.79	0.97	0.92	**1.11**	1.03	0.82	0.97	1.02	0.92	0.63	0.54	0.40	0.35	0.35	0.23	0.22	0.17	0.18	0.18	0.13
NC_1443	7.42	9.25	10.40	**11.10**	10.50	9.70	10.76	10.95	11.05	8.12	7.00	5.57	4.82	4.86	3.28	3.15	2.40	2.46	2.50	1.75
NC_1444	0.42	0.54	0.50	**0.59**	0.55	0.44	0.52	0.54	0.49	0.31	0.27	0.20	0.17	0.17	0.12	0.11	0.08	0.09	0.09	0.06
NC_1445	0.45	0.58	0.54	**0.64**	0.60	0.48	0.56	0.59	0.53	0.34	0.30	0.22	0.19	0.19	0.13	0.12	0.09	0.10	0.10	0.07
NC_1446	3.46	4.29	4.80	5.11	4.83	4.48	5.03	5.20	**5.28**	3.92	3.45	2.84	2.44	2.52	1.72	1.65	1.26	1.29	1.31	0.92
NC_1447	0.41	0.53	0.49	**0.58**	0.54	0.43	0.51	0.54	0.49	0.31	0.27	0.20	0.17	0.17	0.12	0.11	0.08	0.09	0.09	0.06
NC_1448	8.83	11.76	14.15	16.30	19.05	25.48	29.91	31.17	**32.01**	27.03	27.46	26.57	24.98	24.10	16.54	19.11	15.26	15.79	15.89	11.41
NC_1449	1.27	1.52	1.47	**1.74**	1.63	1.32	1.53	1.60	1.41	1.00	0.86	0.64	0.55	0.55	0.37	0.36	0.27	0.28	0.29	0.20
NC_1450	0.53	0.67	0.63	**0.74**	0.69	0.56	0.64	0.68	0.61	0.39	0.34	0.25	0.22	0.21	0.15	0.14	0.11	0.11	0.11	0.08
NC_1451	0.52	0.66	0.61	**0.74**	0.69	0.54	0.66	0.70	0.62	0.42	0.36	0.27	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_1452	0.47	0.60	0.55	**0.68**	0.63	0.49	0.60	0.64	0.57	0.38	0.32	0.24	0.21	0.21	0.14	0.13	0.10	0.11	0.11	0.08
NC_1453	0.44	0.56	0.52	**0.62**	0.58	0.46	0.55	0.58	0.52	0.34	0.29	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.07
NC_1454	1.28	1.53	1.51	**1.77**	1.65	1.35	1.56	1.64	1.45	1.04	0.89	0.66	0.57	0.57	0.39	0.37	0.29	0.29	0.30	0.21
NC_1455	0.74	0.98	1.17	1.28	1.33	1.43	1.63	1.68	**1.73**	1.38	1.35	1.18	1.00	1.04	0.74	0.71	0.54	0.56	0.57	0.39
NC_1456	0.34	0.43	0.42	**0.52**	0.48	0.38	0.47	0.51	0.45	0.31	0.27	0.20	0.18	0.18	0.12	0.11	0.09	0.09	0.09	0.06
NC_1457	0.28	0.34	0.44	0.50	0.46	0.42	0.52	**0.61**	0.58	0.44	0.38	0.32	0.28	0.28	0.19	0.19	0.14	0.14	0.15	0.10
NC_1458	0.86	1.07	0.99	**1.21**	1.13	0.89	1.08	1.15	1.01	0.70	0.61	0.45	0.39	0.39	0.27	0.26	0.20	0.20	0.20	0.14

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1459	0.25	0.30	0.35	0.42	0.38	0.32	0.41	**0.45**	0.40	0.30	0.26	0.20	0.18	0.18	0.12	0.11	0.09	0.09	0.09	0.06
NC_1460	0.68	0.87	1.01	1.10	1.11	1.17	1.32	1.36	**1.42**	1.12	1.03	0.90	0.77	0.79	0.55	0.53	0.41	0.42	0.42	0.29
NC_1461	1.04	1.19	1.43	1.55	1.45	1.46	1.64	1.81	**1.82**	1.43	1.28	1.13	0.96	1.00	0.69	0.67	0.51	0.52	0.53	0.37
NC_1462	1.23	1.42	1.66	1.81	1.70	1.64	1.86	**2.07**	2.06	1.60	1.44	1.27	1.09	1.12	0.78	0.75	0.57	0.58	0.59	0.41
NC_1463	3.84	4.48	5.03	5.54	5.21	4.65	5.40	**5.85**	5.62	4.30	3.76	3.24	2.82	2.87	1.99	1.92	1.47	1.51	1.53	1.07
NC_1464	0.41	0.52	0.48	**0.60**	0.55	0.43	0.53	0.56	0.50	0.33	0.29	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.07
NC_1465	5.67	7.27	8.25	8.81	8.34	7.80	8.88	9.17	**9.36**	6.99	6.17	5.19	4.47	4.57	3.12	2.99	2.28	2.33	2.37	1.65
NC_1466	0.43	0.55	0.51	**0.62**	0.58	0.46	0.55	0.58	0.52	0.34	0.29	0.21	0.19	0.19	0.12	0.12	0.09	0.09	0.10	0.07
NC_1467	0.39	0.50	0.46	**0.56**	0.52	0.41	0.50	0.53	0.48	0.31	0.27	0.20	0.17	0.17	0.12	0.11	0.08	0.09	0.09	0.06
NC_1468	0.42	0.53	0.49	**0.60**	0.56	0.44	0.54	0.57	0.51	0.34	0.29	0.21	0.19	0.19	0.12	0.12	0.09	0.09	0.10	0.07
NC_1469	0.99	1.19	1.16	**1.38**	1.28	1.04	1.22	1.28	1.13	0.80	0.69	0.51	0.44	0.44	0.30	0.29	0.22	0.22	0.23	0.16
NC_1470	0.43	0.55	0.51	**0.61**	0.57	0.45	0.54	0.57	0.51	0.34	0.29	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.10	0.07
NC_1471	1.04	1.25	1.23	**1.45**	1.35	1.10	1.29	1.36	1.20	0.85	0.73	0.55	0.47	0.47	0.32	0.31	0.23	0.24	0.24	0.17
NC_1472	0.39	0.50	0.47	**0.56**	0.52	0.41	0.50	0.52	0.47	0.31	0.26	0.19	0.17	0.17	0.11	0.11	0.08	0.09	0.09	0.06
NC_1473	0.41	0.52	0.49	**0.58**	0.54	0.43	0.51	0.54	0.48	0.31	0.27	0.20	0.17	0.17	0.12	0.11	0.08	0.09	0.09	0.06
NC_1474	0.43	0.55	0.51	**0.61**	0.57	0.45	0.53	0.56	0.51	0.33	0.28	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.06
NC_1475	0.66	0.83	0.78	**0.96**	0.89	0.70	0.86	0.91	0.81	0.56	0.48	0.36	0.31	0.31	0.21	0.20	0.15	0.16	0.16	0.11
NC_1476	0.27	0.35	0.33	**0.38**	0.35	0.29	0.33	0.34	0.31	0.19	0.17	0.12	0.11	0.11	0.07	0.07	0.05	0.05	0.05	0.04
NC_1477	0.76	0.91	0.91	**1.08**	1.01	0.81	0.97	1.03	0.91	0.64	0.55	0.41	0.36	0.36	0.24	0.23	0.18	0.18	0.18	0.13
NC_1478	4.69	6.09	7.22	8.09	8.78	10.49	11.51	13.02	13.93	**14.47**	14.14	14.22	13.58	11.62	10.30	12.50	12.41	12.42	14.46	9.82
NC_1479	0.52	0.71	0.87	0.97	0.90	0.98	1.10	**1.26**	**1.26**	0.98	0.93	0.82	0.71	0.74	0.52	0.51	0.39	0.40	0.41	0.28
NC_1480	1.13	1.82	2.37	2.64	2.69	2.86	3.31	3.42	**3.58**	2.74	2.68	2.34	2.00	2.10	1.48	1.44	1.10	1.13	1.14	0.78
NC_1481	1.31	2.11	2.75	3.14	3.21	3.45	3.97	4.07	**4.28**	3.26	3.23	2.78	2.39	2.48	1.76	1.71	1.29	1.33	1.35	0.91
NC_1482	5.01	7.19	8.84	9.80	9.71	10.06	11.62	11.94	**12.42**	9.46	8.88	7.56	6.49	6.73	4.65	4.47	3.37	3.46	3.51	2.41
NC_1483	0.99	1.45	1.75	1.93	1.84	1.81	2.16	2.27	**2.35**	1.76	1.58	1.33	1.14	1.17	0.79	0.76	0.57	0.59	0.60	0.41
NC_1484	0.27	0.34	0.43	0.49	0.45	0.42	0.51	**0.59**	0.57	0.43	0.38	0.32	0.27	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_1485	0.56	0.68	0.76	0.90	0.83	0.69	0.87	**0.98**	0.88	0.66	0.58	0.48	0.41	0.42	0.29	0.28	0.21	0.21	0.22	0.15
NC_1486	0.25	0.33	0.42	0.47	0.43	0.41	0.49	**0.57**	0.55	0.42	0.37	0.31	0.27	0.27	0.19	0.18	0.13	0.14	0.14	0.10
NC_1487	2.37	3.22	3.85	4.19	4.14	4.13	4.62	4.59	**4.72**	3.63	3.26	2.73	2.37	2.41	1.66	1.59	1.21	1.24	1.26	0.88
NC_1488	1.45	1.86	2.13	2.29	2.29	2.38	2.66	2.69	**2.77**	2.20	2.08	1.81	1.56	1.62	1.15	1.11	0.85	0.87	0.88	0.62
NC_1489	1.93	4.33	6.89	8.89	10.42	13.59	15.36	15.61	**16.05**	13.53	14.70	13.32	11.97	11.71	9.10	9.13	7.28	7.49	7.62	5.67
NC_1490	0.35	0.45	0.58	0.65	0.60	0.58	0.68	**0.81**	0.78	0.60	0.53	0.46	0.39	0.41	0.28	0.27	0.21	0.21	0.21	0.15
NC_1491	2.79	3.36	3.76	**4.03**	3.80	3.45	3.82	3.94	3.93	2.87	2.46	1.94	1.67	1.69	1.15	1.10	0.84	0.86	0.87	0.61
NC_1492	8.56	10.23	11.25	**11.83**	11.22	10.30	10.90	10.83	10.91	8.02	6.73	5.25	4.55	4.55	3.08	3.03	2.27	2.33	2.36	1.68
NC_1493	9.73	12.48	14.31	15.31	14.66	14.72	16.73	17.27	**17.63**	14.29	15.42	14.06	13.01	13.82	10.95	11.27	9.05	9.29	9.44	6.63
NC_1494	1.04	1.25	1.24	**1.47**	1.37	1.12	1.31	1.39	1.22	0.88	0.76	0.57	0.49	0.49	0.33	0.32	0.24	0.25	0.25	0.18
NC_1495	0.90	1.13	1.07	**1.22**	1.14	0.94	1.05	1.09	0.98	0.64	0.55	0.40	0.35	0.35	0.24	0.23	0.17	0.18	0.18	0.13
NC_1496	1.17	1.40	1.37	**1.62**	1.51	1.23	1.42	1.50	1.33	0.94	0.81	0.60	0.52	0.52	0.35	0.34	0.26	0.27	0.27	0.19
NC_1497	1.81	2.05	2.20	**2.46**	2.31	1.97	2.18	2.28	2.11	1.52	1.30	0.98	0.85	0.85	0.57	0.55	0.42	0.43	0.44	0.31
NC_1498	0.27	0.34	0.33	**0.41**	0.38	0.30	0.38	**0.41**	0.36	0.25	0.22	0.16	0.14	0.14	0.10	0.09	0.07	0.07	0.07	0.05
NC_1499	0.37	0.47	0.43	**0.54**	0.50	0.39	0.48	0.51	0.46	0.30	0.26	0.19	0.17	0.17	0.11	0.11	0.08	0.08	0.09	0.06
NC_1500	2.61	3.07	3.47	3.80	3.56	3.16	3.60	**3.81**	3.73	2.71	2.33	1.84	1.58	1.60	1.08	1.04	0.79	0.81	0.82	0.57
NC_1501	9.49	13.04	15.75	17.42	17.81	20.05	21.89	26.41	**28.22**	26.96	25.52	27.87	27.11	24.91	19.43	21.68	18.59	19.15	19.52	13.65
NC_1502	0.34	0.44	0.41	**0.48**	0.45	0.36	0.42	0.44	0.40	0.25	0.22	0.16	0.14	0.14	0.09	0.09	0.07	0.07	0.07	0.05
NC_1503	1.64	1.89	2.06	**2.33**	2.18	1.85	2.11	2.25	2.08	1.51	1.29	0.99	0.85	0.86	0.58	0.56	0.42	0.43	0.44	0.31
NC_1504	0.29	0.37	0.34	**0.43**	0.40	0.31	0.39	0.42	0.37	0.25	0.21	0.16	0.14	0.14	0.09	0.09	0.07	0.07	0.07	0.05
NC_1505	0.18	0.23	0.22	**0.26**	0.24	0.19	0.22	0.24	0.22	0.13	0.11	0.08	0.07	0.07	0.05	0.05	0.04	0.04	0.04	0.03
NC_1506	1.32	1.55	1.59	**1.84**	1.72	1.43	1.65	1.76	1.59	1.15	0.99	0.75	0.65	0.65	0.44	0.43	0.33	0.33	0.34	0.24
NC_1507	1.36	1.60	1.66	**1.92**	1.80	1.50	1.74	1.85	1.66	1.21	1.04	0.79	0.69	0.69	0.47	0.45	0.34	0.35	0.35	0.25
NC_1508	0.57	0.71	0.68	**0.83**	0.77	0.61	0.75	0.80	0.71	0.49	0.42	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_1509	0.88	1.08	1.06	**1.29**	1.20	0.96	1.17	1.27	1.11	0.81	0.70	0.54	0.47	0.47	0.32	0.31	0.23	0.24	0.24	0.17
NC_1510	2.22	2.58	2.88	**3.15**	2.95	2.60	2.94	3.10	3.01	2.18	1.88	1.47	1.27	1.28	0.87	0.83	0.63	0.65	0.66	0.46
NC_1511	0.51	0.65	0.60	**0.73**	0.68	0.54	0.64	0.68	0.61	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1512	0.98	1.17	1.18	**1.39**	1.29	1.06	1.23	1.31	1.16	0.83	0.71	0.53	0.46	0.46	0.31	0.30	0.23	0.23	0.24	0.17
NC_1513	1.12	1.31	1.39	**1.61**	1.50	1.26	1.47	1.58	1.43	1.04	0.90	0.69	0.60	0.60	0.41	0.39	0.30	0.30	0.31	0.22
NC_1514	0.57	0.72	0.69	**0.85**	0.78	0.62	0.77	0.82	0.72	0.51	0.44	0.33	0.29	0.29	0.19	0.19	0.14	0.15	0.15	0.10
NC_1515	0.61	0.77	0.72	**0.89**	0.83	0.65	0.80	0.86	0.76	0.52	0.45	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_1516	0.79	0.98	0.93	**1.13**	1.05	0.83	1.02	1.08	0.96	0.67	0.58	0.44	0.38	0.38	0.26	0.25	0.19	0.19	0.20	0.14
NC_1517	1.16	1.37	1.40	**1.63**	1.52	1.26	1.46	1.56	1.40	1.01	0.87	0.66	0.57	0.57	0.39	0.37	0.28	0.29	0.29	0.21
NC_1518	0.39	0.49	0.47	**0.58**	0.54	0.42	0.53	0.57	0.50	0.34	0.30	0.22	0.19	0.19	0.13	0.12	0.09	0.10	0.10	0.07
NC_1519	0.76	0.91	0.95	**1.12**	1.04	0.86	1.02	1.10	0.97	0.71	0.61	0.47	0.40	0.41	0.28	0.26	0.20	0.21	0.21	0.15
NC_1520	2.20	2.73	4.05	4.91	5.28	5.95	6.69	6.77	**6.93**	5.16	5.41	4.52	3.70	3.85	2.62	2.64	2.27	2.33	2.37	1.68
NC_1521	1.89	2.21	2.36	**2.69**	2.51	2.13	2.46	2.64	2.43	1.77	1.53	1.18	1.02	1.03	0.70	0.67	0.51	0.52	0.53	0.37
NC_1522	2.87	3.35	3.56	**4.00**	3.74	3.20	3.63	3.83	3.58	2.58	2.22	1.70	1.48	1.48	1.00	0.96	0.73	0.75	0.76	0.54
NC_1523	2.30	2.71	3.01	**3.29**	3.08	2.73	3.08	3.23	3.17	2.29	1.97	1.55	1.34	1.35	0.91	0.88	0.67	0.69	0.69	0.49
NC_1524	1.03	1.27	1.21	**1.46**	1.36	1.09	1.31	1.40	1.23	0.88	0.76	0.58	0.50	0.50	0.34	0.33	0.25	0.25	0.26	0.18
NC_1525	2.28	2.84	4.39	5.22	5.44	5.95	6.75	6.91	**7.12**	5.27	5.33	4.47	3.60	3.85	2.53	2.55	2.17	2.23	2.27	1.61
NC_1526	2.49	3.05	3.43	3.62	3.50	3.43	3.81	3.85	**3.89**	3.08	2.75	2.35	2.04	2.07	1.47	1.41	1.08	1.11	1.15	0.86
NC_1527	0.68	0.82	0.79	**0.93**	0.87	0.70	0.81	0.84	0.76	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_1528	0.46	0.58	0.54	**0.64**	0.60	0.48	0.56	0.58	0.52	0.34	0.29	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.07
NC_1529	0.31	0.40	0.37	**0.46**	0.42	0.33	0.41	0.43	0.39	0.25	0.22	0.16	0.14	0.14	0.09	0.09	0.07	0.07	0.07	0.05
NC_1530	4.46	5.20	9.94	13.43	15.72	20.21	22.86	22.99	**23.57**	17.15	19.87	16.81	15.21	15.84	10.96	10.97	8.50	8.65	9.19	6.49
NC_1531	0.28	0.36	0.33	**0.41**	0.38	0.29	0.37	0.39	0.35	0.23	0.19	0.14	0.12	0.12	0.08	0.08	0.06	0.06	0.06	0.04

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1532	5.47	7.11	8.33	9.09	9.70	11.15	12.45	13.42	**13.85**	13.41	12.83	13.09	12.30	11.46	9.59	10.61	11.24	10.55	13.03	7.71
NC_1533	4.74	6.24	7.43	8.28	8.96	10.77	11.97	13.48	**14.02**	14.02	13.52	13.65	12.88	11.41	9.62	11.52	11.73	11.24	13.67	8.50
NC_1534	1.93	2.64	3.14	3.39	3.32	3.39	3.83	3.90	**4.01**	3.11	2.84	2.43	2.07	2.14	1.51	1.45	1.11	1.13	1.15	0.80
NC_1535	3.47	4.29	4.86	5.19	4.90	4.55	5.14	5.34	**5.37**	4.02	3.45	2.82	2.43	2.47	1.68	1.62	1.23	1.27	1.28	0.90
NC_1536	0.42	0.54	0.50	**0.60**	0.56	0.44	0.53	0.56	0.51	0.33	0.28	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.07
NC_1537	1.35	1.82	2.13	2.30	2.21	2.17	2.49	2.54	**2.60**	2.00	1.77	1.50	1.28	1.31	0.91	0.87	0.66	0.68	0.69	0.48
NC_1538	0.96	1.20	1.13	**1.30**	1.21	1.00	1.12	1.16	1.04	0.68	0.59	0.43	0.37	0.37	0.25	0.24	0.19	0.19	0.19	0.14

PEAK DESIGN FLOOD DISCHARGES - 1% AEP (ARR1987)

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1	57.80	83.54	105.14	123.40	139.14	178.42	207.57	236.74	258.74	**259.92**	252.33	250.37	239.72	197.93	177.82	221.07	194.02	212.37	223.36	158.30
NC_2	0.54	0.73	0.84	0.88	0.89	0.94	1.04	1.11	**1.14**	0.87	0.77	0.67	0.57	0.58	0.41	0.39	0.30	0.31	0.31	0.22
NC_3	0.40	0.45	0.49	0.54	0.51	0.44	0.53	**0.57**	0.51	0.37	0.32	0.25	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_4	0.55	0.84	1.06	1.17	1.18	1.27	1.42	1.40	**1.46**	1.13	1.09	0.94	0.79	0.83	0.59	0.57	0.43	0.44	0.45	0.31
NC_5	6.11	6.85	7.50	**7.68**	7.31	6.71	7.36	7.59	7.49	5.36	4.58	3.59	3.09	3.13	2.13	2.05	1.58	1.61	1.64	1.16
NC_6	1.42	1.57	1.58	**1.73**	1.63	1.38	1.58	1.65	1.47	1.03	0.88	0.66	0.57	0.57	0.39	0.37	0.29	0.29	0.30	0.21
NC_7	1.14	1.30	1.26	**1.41**	1.33	1.10	1.31	1.37	1.22	0.84	0.73	0.55	0.47	0.47	0.32	0.31	0.24	0.24	0.25	0.18
NC_8	0.47	0.54	0.66	0.69	0.65	0.60	0.73	**0.82**	0.78	0.58	0.50	0.42	0.36	0.36	0.25	0.24	0.18	0.19	0.19	0.13
NC_9	1.74	1.86	2.17	2.22	2.12	1.97	2.19	**2.32**	2.22	1.65	1.39	1.11	0.96	0.97	0.66	0.64	0.49	0.50	0.51	0.36
NC_10	3.28	4.55	5.57	6.26	6.66	7.21	**7.82**	7.69	7.79	6.14	6.24	5.20	4.50	4.57	3.45	3.35	2.60	2.66	2.70	1.91
NC_11	3.64	4.00	4.36	**4.52**	4.30	3.88	4.32	4.52	4.34	3.12	2.68	2.09	1.81	1.83	1.25	1.20	0.92	0.94	0.96	0.68
NC_12	0.74	0.85	0.85	0.96	0.90	0.76	0.91	**0.97**	0.86	0.61	0.52	0.40	0.35	0.35	0.24	0.23	0.17	0.18	0.18	0.13
NC_13	0.42	0.46	0.55	0.59	0.55	0.50	0.60	**0.66**	0.60	0.44	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_14	1.56	1.73	1.77	**1.92**	1.82	1.56	1.77	1.85	1.67	1.18	1.01	0.76	0.66	0.66	0.45	0.43	0.33	0.34	0.34	0.24
NC_15	0.83	1.23	1.54	1.66	1.67	1.77	1.98	1.98	**2.06**	1.58	1.48	1.27	1.08	1.12	0.79	0.76	0.58	0.59	0.60	0.42
NC_16	0.65	0.75	0.72	**0.82**	0.77	0.63	0.76	0.80	0.72	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_17	0.40	0.43	0.53	0.57	0.53	0.48	0.59	**0.64**	0.60	0.44	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.10
NC_18	1.57	1.70	1.88	1.98	1.88	1.68	1.93	**2.08**	1.95	1.44	1.24	0.99	0.85	0.86	0.59	0.57	0.44	0.45	0.45	0.32
NC_19	0.53	0.69	0.80	0.83	0.83	0.88	0.97	1.06	**1.07**	0.82	0.72	0.62	0.53	0.54	0.38	0.36	0.28	0.28	0.29	0.20
NC_20	0.37	0.42	0.52	0.54	0.51	0.47	0.57	**0.63**	0.60	0.44	0.38	0.31	0.26	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_21	3.95	5.46	6.69	7.56	8.06	8.78	**9.47**	9.30	9.40	7.44	7.65	6.40	5.53	5.62	4.28	4.16	3.24	3.31	3.36	2.37
NC_22	0.55	0.62	0.66	0.73	0.69	0.59	0.72	**0.78**	0.68	0.50	0.43	0.33	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_23	1.38	2.05	2.59	2.88	2.91	3.10	3.45	3.43	**3.59**	2.75	2.64	2.24	1.91	1.97	1.41	1.36	1.04	1.07	1.08	0.75
NC_24	0.99	1.23	1.41	1.43	1.35	1.37	1.57	1.71	**1.72**	1.30	1.11	0.93	0.80	0.81	0.56	0.54	0.41	0.42	0.43	0.30
NC_25	0.90	1.04	0.99	**1.12**	1.06	0.87	1.04	1.10	0.98	0.67	0.58	0.43	0.37	0.37	0.25	0.24	0.19	0.19	0.19	0.14
NC_26	0.46	0.52	0.59	0.64	0.60	0.53	0.64	**0.70**	0.63	0.46	0.39	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_27	0.82	0.95	0.88	**0.99**	0.93	0.79	0.89	0.93	0.84	0.54	0.47	0.34	0.30	0.30	0.20	0.19	0.15	0.15	0.16	0.11
NC_28	0.93	1.03	1.14	1.22	1.15	1.03	1.22	**1.34**	1.25	0.93	0.80	0.65	0.56	0.57	0.39	0.38	0.29	0.30	0.30	0.21
NC_29	1.05	1.20	1.16	**1.30**	1.23	1.02	1.21	1.27	1.13	0.78	0.67	0.50	0.44	0.44	0.30	0.29	0.22	0.22	0.23	0.16
NC_30	4.35	6.36	8.07	9.40	10.30	11.81	**12.75**	12.52	12.67	10.06	11.11	9.47	8.32	8.63	6.51	6.39	5.61	5.15	6.53	3.64
NC_31	0.40	0.44	0.53	0.57	0.54	0.48	0.59	**0.64**	0.59	0.44	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_32	1.21	1.55	1.80	1.85	1.75	1.79	2.05	2.26	**2.27**	1.71	1.48	1.25	1.06	1.09	0.75	0.72	0.55	0.56	0.57	0.40
NC_33	0.42	0.45	0.56	0.59	0.56	0.51	0.61	**0.67**	0.62	0.46	0.40	0.32	0.27	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_34	6.35	9.32	11.78	13.56	14.59	16.32	17.64	17.34	**17.70**	13.89	15.17	12.88	11.20	11.68	8.76	8.56	7.28	6.85	8.25	4.84
NC_35	0.68	0.76	0.87	0.94	0.88	0.78	0.95	**1.04**	0.95	0.70	0.60	0.49	0.42	0.42	0.29	0.28	0.21	0.22	0.22	0.16
NC_36	2.26	2.97	3.39	3.50	3.31	3.25	3.81	4.02	**4.08**	3.05	2.67	2.24	1.91	1.97	1.36	1.31	1.00	1.02	1.04	0.72
NC_37	0.65	0.75	0.73	**0.83**	0.78	0.64	0.78	0.82	0.73	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_38	0.83	0.96	0.89	**1.01**	0.95	0.80	0.91	0.95	0.86	0.56	0.48	0.36	0.31	0.31	0.21	0.20	0.16	0.16	0.16	0.11
NC_39	0.54	0.60	0.68	0.74	0.69	0.61	0.74	**0.80**	0.72	0.53	0.46	0.36	0.31	0.31	0.21	0.21	0.16	0.16	0.16	0.11
NC_40	6.22	9.15	11.59	13.38	14.47	16.44	**17.81**	17.49	17.81	14.04	15.28	13.07	11.42	11.62	8.86	8.70	7.32	7.00	8.41	4.95
NC_41	1.11	1.21	1.33	1.42	1.34	1.20	1.38	**1.46**	1.35	0.99	0.84	0.66	0.57	0.58	0.39	0.38	0.29	0.30	0.30	0.21
NC_42	0.80	0.91	1.07	1.09	1.03	0.97	1.12	**1.22**	1.20	0.89	0.76	0.62	0.53	0.54	0.37	0.35	0.27	0.28	0.28	0.20
NC_43	1.29	1.42	1.51	**1.63**	1.54	1.33	1.54	1.63	1.46	1.05	0.90	0.68	0.59	0.59	0.40	0.39	0.30	0.30	0.31	0.22
NC_44	0.66	0.76	0.73	**0.83**	0.78	0.64	0.77	0.81	0.72	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_45	0.88	1.01	0.96	**1.08**	1.02	0.84	1.00	1.05	0.94	0.64	0.55	0.41	0.35	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_46	0.45	0.49	0.60	0.64	0.60	0.54	0.66	**0.73**	0.67	0.50	0.43	0.35	0.30	0.30	0.21	0.20	0.15	0.15	0.16	0.11
NC_47	1.79	1.97	1.99	**2.16**	2.05	1.75	1.97	2.05	1.83	1.30	1.11	0.83	0.72	0.72	0.49	0.47	0.36	0.37	0.37	0.27
NC_48	1.74	1.87	2.06	2.17	2.06	1.84	2.07	**2.19**	2.04	1.49	1.27	0.99	0.85	0.86	0.59	0.57	0.44	0.45	0.45	0.32
NC_49	7.24	8.82	10.05	10.89	11.46	15.63	18.81	19.62	**19.96**	16.61	15.59	15.20	17.53	11.86	10.28	13.48	13.40	13.76	14.87	9.59
NC_50	0.44	0.49	0.61	0.64	0.60	0.56	0.67	**0.75**	0.70	0.52	0.45	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_51	1.96	2.12	2.34	**2.45**	2.32	2.08	2.31	2.43	2.29	1.63	1.40	1.07	0.92	0.93	0.63	0.61	0.47	0.48	0.48	0.34
NC_52	1.42	1.55	1.84	1.90	1.80	1.70	1.97	**2.20**	2.15	1.62	1.40	1.18	1.01	1.03	0.72	0.69	0.53	0.54	0.55	0.39
NC_53	2.05	2.54	2.93	3.01	2.84	2.73	3.22	3.47	**3.47**	2.59	2.25	1.88	1.61	1.65	1.13	1.09	0.83	0.85	0.87	0.61
NC_54	1.25	1.39	1.43	**1.56**	1.48	1.26	1.46	1.53	1.36	0.97	0.83	0.63	0.54	0.54	0.37	0.35	0.27	0.28	0.28	0.20
NC_55	0.59	0.68	0.68	0.76	0.72	0.60	0.73	**0.77**	0.68	0.48	0.41	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_56	0.70	0.81	0.76	**0.87**	0.82	0.67	0.79	0.83	0.75	0.49	0.43	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_57	0.91	1.03	1.04	1.16	1.10	0.93	1.11	**1.18**	1.04	0.75	0.64	0.50	0.43	0.43	0.29	0.28	0.22	0.22	0.22	0.16
NC_58	7.20	8.79	10.02	10.88	11.45	15.44	18.54	19.53	**19.94**	16.67	15.55	15.25	17.56	11.86	10.35	13.65	13.42	13.86	15.02	9.70
NC_59	0.98	1.12	1.08	**1.21**	1.14	0.95	1.13	1.19	1.05	0.73	0.63	0.47	0.41	0.41	0.28	0.27	0.20	0.21	0.21	0.15
NC_60	0.68	0.79	0.75	**0.85**	0.80	0.65	0.79	0.82	0.74	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_61	0.69	0.78	0.82	0.90	0.85	0.73	0.88	**0.95**	0.83	0.61	0.52	0.41	0.35	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_62	6.85	7.88	8.72	8.78	8.42	8.11	8.93	**9.31**	9.14	7.18	6.09	5.18	4.47	4.56	3.20	3.08	2.38	2.43	2.50	1.85
NC_63	0.73	0.85	0.79	**0.90**	0.85	0.70	0.83	0.87	0.78	0.52	0.44	0.33	0.29	0.28	0.19	0.19	0.14	0.15	0.15	0.11
NC_64	1.62	2.00	2.25	2.28	2.17	2.11	2.41	2.52	**2.56**	1.93	1.64	1.37	1.18	1.19	0.82	0.79	0.61	0.62	0.63	0.45
NC_65	1.05	1.21	1.12	**1.26**	1.19	1.00	1.14	1.18	1.06	0.70	0.60	0.44	0.39	0.38	0.26	0.25	0.19	0.20	0.20	0.14
NC_66	0.77	0.90	0.83	**0.95**	0.89	0.74	0.87	0.90	0.81	0.53	0.46	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_67	1.98	2.39	2.68	2.71	2.58	2.56	2.91	3.06	**3.12**	2.38	2.07	1.76	1.51	1.54	1.08	1.04	0.80	0.82	0.83	0.59
NC_68	0.78	0.90	0.84	**0.94**	0.89	0.75	0.85	0.88	0.80	0.52	0.45	0.33	0.28	0.28	0.19	0.19	0.14	0.15	0.15	0.11
NC_69	1.77	2.39	2.76	2.86	2.85	2.95	3.24	3.23	**3.32**	2.59	2.37	2.04	1.73	1.79	1.27	1.23	0.95	0.97	0.99	0.70
NC_70	0.67	0.78	0.74	**0.84**	0.79	0.65	0.78	0.82	0.73	0.49	0.42	0.32	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_71	0.65	0.75	0.72	**0.82**	0.77	0.63	0.76	0.80	0.71	0.48	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_72	0.69	0.80	0.76	**0.86**	0.81	0.66	0.80	0.84	0.75	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_73	1.34	1.44	1.65	1.72	1.63	1.49	1.70	**1.83**	1.73	1.29	1.10	0.89	0.76	0.77	0.53	0.51	0.39	0.40	0.41	0.29
NC_74	0.47	0.52	0.58	0.64	0.60	0.52	0.64	**0.69**	0.62	0.45	0.39	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.10
NC_75	7.92	9.34	10.31	10.43	10.00	9.63	10.63	**10.98**	10.86	8.39	7.19	6.07	5.23	5.34	3.75	3.61	2.78	2.84	2.92	2.15
NC_76	2.04	2.25	2.46	**2.57**	2.44	2.19	2.44	2.54	2.42	1.72	1.47	1.13	0.98	0.98	0.67	0.64	0.49	0.50	0.51	0.36
NC_77	2.19	2.51	2.84	2.91	2.76	2.67	3.06	3.28	**3.29**	2.49	2.19	1.89	1.62	1.65	1.14	1.10	0.84	0.86	0.87	0.62
NC_78	0.72	0.81	0.82	**0.91**	0.86	0.72	0.85	0.89	0.80	0.55	0.47	0.35	0.30	0.30	0.20	0.20	0.15	0.15	0.16	0.11
NC_79	0.88	1.01	0.97	**1.10**	1.03	0.85	1.02	1.07	0.95	0.65	0.56	0.42	0.36	0.36	0.25	0.24	0.18	0.19	0.19	0.13
NC_80	1.42	1.62	1.91	1.95	1.85	1.75	2.05	**2.26**	2.23	1.67	1.44	1.21	1.03	1.05	0.73	0.70	0.54	0.55	0.56	0.39
NC_81	1.12	1.20	1.41	1.45	1.38	1.27	1.43	**1.52**	1.45	1.07	0.90	0.72	0.62	0.62	0.43	0.41	0.31	0.32	0.33	0.23
NC_82	2.66	3.40	3.81	3.89	3.71	3.66	4.17	4.30	**4.36**	3.32	2.86	2.40	2.06	2.10	1.46	1.41	1.08	1.10	1.12	0.79
NC_83	0.91	1.06	0.98	**1.09**	1.03	0.88	0.98	1.01	0.92	0.59	0.51	0.37	0.32	0.32	0.22	0.21	0.16	0.17	0.17	0.12
NC_84	0.84	0.96	0.94	**1.06**	1.00	0.83	1.00	1.05	0.93	0.65	0.56	0.42	0.37	0.37	0.25	0.24	0.18	0.19	0.19	0.14
NC_85	0.55	0.62	0.65	0.72	0.68	0.58	0.70	**0.76**	0.66	0.48	0.41	0.32	0.27	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_86	3.65	3.99	4.32	**4.44**	4.23	3.82	4.10	4.18	4.03	2.84	2.42	1.83	1.59	1.59	1.08	1.04	0.80	0.82	0.83	0.59
NC_87	1.15	1.32	1.22	**1.38**	1.31	1.09	1.25	1.30	1.17	0.77	0.67	0.49	0.43	0.43	0.29	0.28	0.21	0.22	0.22	0.16
NC_88	2.64	2.99	3.32	3.50	3.31	2.98	3.44	**3.63**	3.44	2.47	2.11	1.65	1.42	1.43	0.97	0.93	0.71	0.73	0.74	0.52
NC_89	0.37	0.41	0.50	0.53	0.50	0.46	0.56	**0.61**	0.58	0.43	0.37	0.30	0.25	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_90	4.49	5.14	5.73	5.86	5.57	5.20	5.88	**6.19**	6.15	4.55	3.94	3.27	2.83	2.87	1.96	1.89	1.45	1.48	1.50	1.06
NC_91	0.65	0.75	0.72	**0.82**	0.77	0.64	0.77	0.81	0.72	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_92	0.59	0.67	0.68	0.76	0.72	0.60	0.73	**0.78**	0.69	0.49	0.42	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_93	0.91	1.00	1.18	1.24	1.17	1.07	1.28	**1.43**	1.35	1.02	0.88	0.73	0.63	0.64	0.44	0.43	0.33	0.33	0.34	0.24
NC_94	1.51	1.67	1.71	**1.86**	1.76	1.51	1.73	1.81	1.62	1.15	0.99	0.74	0.64	0.64	0.44	0.42	0.32	0.33	0.34	0.24
NC_95	1.31	1.45	1.49	**1.62**	1.54	1.31	1.51	1.58	1.42	1.00	0.86	0.65	0.56	0.56	0.38	0.36	0.28	0.29	0.29	0.21
NC_96	1.74	1.89	2.20	2.26	2.15	1.99	2.23	**2.37**	2.28	1.68	1.42	1.13	0.97	0.98	0.67	0.64	0.49	0.51	0.51	0.36
NC_97	0.66	0.76	0.74	**0.83**	0.79	0.65	0.78	0.83	0.73	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_98	1.91	2.06	2.32	2.41	2.29	2.09	2.35	**2.50**	2.39	1.76	1.50	1.20	1.04	1.05	0.72	0.69	0.53	0.55	0.55	0.39
NC_99	4.31	4.74	5.19	**5.29**	5.04	4.62	4.97	5.09	4.99	3.57	3.03	2.33	2.02	2.03	1.38	1.33	1.02	1.05	1.06	0.76
NC_100	0.74	0.84	0.84	0.94	0.89	0.74	0.90	**0.95**	0.84	0.59	0.51	0.39	0.34	0.34	0.23	0.22	0.17	0.17	0.17	0.12
NC_101	1.85	2.04	2.14	**2.31**	2.19	1.89	2.16	2.28	2.07	1.46	1.25	0.95	0.82	0.82	0.56	0.54	0.41	0.42	0.43	0.30
NC_102	7.17	8.79	10.02	10.89	11.46	15.29	18.40	19.92	**20.46**	17.25	15.90	15.71	17.92	11.93	10.72	14.02	13.76	14.03	15.69	10.17
NC_103	0.72	0.83	0.78	**0.89**	0.84	0.68	0.82	0.86	0.77	0.51	0.44	0.33	0.28	0.28	0.19	0.19	0.14	0.15	0.15	0.11
NC_104	0.44	0.49	0.56	0.61	0.57	0.51	0.62	**0.67**	0.61	0.45	0.39	0.31	0.26	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_105	5.43	6.12	6.76	7.05	6.68	6.06	6.83	**7.16**	6.89	4.91	4.19	3.25	2.81	2.83	1.91	1.84	1.41	1.44	1.46	1.03
NC_106	0.69	0.80	0.75	**0.86**	0.81	0.66	0.79	0.83	0.74	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_107	0.86	0.93	1.09	1.15	1.08	0.99	1.16	**1.27**	1.20	0.89	0.76	0.62	0.53	0.54	0.37	0.35	0.27	0.28	0.28	0.20
NC_108	0.80	0.91	0.90	1.01	0.95	0.79	0.96	**1.01**	0.90	0.63	0.54	0.41	0.35	0.36	0.24	0.23	0.18	0.18	0.19	0.13
NC_109	7.84	9.09	9.95	**10.05**	9.60	8.98	9.60	9.66	9.71	7.00	5.93	4.63	4.00	4.02	2.74	2.63	2.03	2.07	2.10	1.50
NC_110	0.75	0.86	0.80	**0.92**	0.87	0.71	0.84	0.88	0.79	0.52	0.45	0.33	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_111	0.76	0.88	0.81	**0.91**	0.86	0.73	0.83	0.86	0.77	0.50	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_112	0.54	0.73	0.84	0.87	0.88	0.93	1.03	1.11	**1.13**	0.87	0.76	0.66	0.56	0.58	0.40	0.39	0.30	0.30	0.31	0.21
NC_113	0.97	1.12	1.05	**1.19**	1.13	0.92	1.09	1.14	1.02	0.69	0.59	0.44	0.38	0.38	0.26	0.25	0.19	0.20	0.20	0.14
NC_114	0.76	0.88	0.84	**0.96**	0.90	0.74	0.89	0.94	0.84	0.57	0.49	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_115	0.41	0.45	0.54	0.58	0.54	0.49	0.59	**0.65**	0.60	0.44	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_116	2.48	2.71	2.96	**3.07**	2.92	2.63	2.89	3.01	2.87	2.03	1.74	1.32	1.14	1.15	0.78	0.75	0.58	0.59	0.60	0.42
NC_117	1.39	1.54	1.57	**1.71**	1.62	1.38	1.58	1.65	1.48	1.04	0.89	0.67	0.58	0.58	0.39	0.38	0.29	0.30	0.30	0.21
NC_118	0.47	0.52	0.61	0.66	0.62	0.55	0.67	**0.73**	0.67	0.49	0.42	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_119	5.78	6.70	7.41	7.63	7.24	6.68	7.47	**7.72**	7.66	5.45	4.65	3.64	3.14	3.17	2.15	2.07	1.58	1.62	1.64	1.16
NC_120	1.19	1.33	1.40	1.53	1.45	1.24	1.49	**1.60**	1.42	1.05	0.91	0.71	0.62	0.62	0.43	0.41	0.32	0.32	0.33	0.23
NC_121	0.55	0.83	1.05	1.16	1.17	1.25	1.40	1.38	**1.44**	1.11	1.07	0.92	0.78	0.81	0.58	0.56	0.43	0.44	0.44	0.31
NC_122	0.68	0.78	0.74	**0.85**	0.80	0.65	0.78	0.82	0.74	0.50	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_123	1.06	1.39	1.57	1.60	1.52	1.50	1.74	1.83	**1.86**	1.40	1.20	1.00	0.86	0.87	0.60	0.58	0.44	0.45	0.46	0.32
NC_124	18.03	22.14	24.59	24.95	23.88	23.02	25.27	25.46	**25.58**	19.28	16.54	13.64	11.77	11.99	8.34	8.03	6.19	6.32	6.44	4.66
NC_125	0.80	0.93	0.87	**0.96**	0.90	0.77	0.86	0.89	0.81	0.52	0.45	0.33	0.28	0.28	0.19	0.18	0.14	0.15	0.15	0.11
NC_126	1.18	1.28	1.39	**1.47**	1.40	1.24	1.40	1.47	1.35	0.99	0.83	0.65	0.56	0.56	0.38	0.37	0.28	0.29	0.29	0.21
NC_127	0.77	0.88	0.86	**0.97**	0.91	0.75	0.91	0.96	0.85	0.59	0.50	0.38	0.33	0.33	0.22	0.21	0.16	0.17	0.17	0.12
NC_128	1.40	1.56	1.57	**1.72**	1.63	1.38	1.58	1.65	1.47	1.04	0.89	0.66	0.57	0.57	0.39	0.37	0.29	0.29	0.30	0.21
NC_129	2.22	2.97	3.43	3.54	3.46	3.66	4.07	4.34	**4.44**	3.39	3.02	2.60	2.21	2.29	1.60	1.54	1.18	1.20	1.22	0.85
NC_130	0.73	0.84	0.80	**0.91**	0.86	0.70	0.85	0.89	0.79	0.54	0.46	0.34	0.30	0.30	0.20	0.19	0.15	0.15	0.15	0.11
NC_131	0.78	1.16	1.44	1.57	1.58	1.69	1.88	1.87	**1.96**	1.51	1.43	1.23	1.04	1.09	0.77	0.74	0.56	0.58	0.59	0.41
NC_132	0.63	0.72	0.70	**0.80**	0.75	0.62	0.75	0.79	0.70	0.48	0.41	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_133	2.02	2.20	2.39	**2.50**	2.38	2.12	2.35	2.45	2.30	1.64	1.40	1.07	0.93	0.93	0.63	0.61	0.47	0.48	0.48	0.34
NC_134	0.76	0.88	0.83	**0.94**	0.89	0.72	0.87	0.91	0.81	0.54	0.47	0.35	0.30	0.30	0.20	0.20	0.15	0.15	0.16	0.11
NC_135	0.56	0.83	1.06	1.16	1.17	1.25	1.40	1.38	**1.45**	1.11	1.07	0.91	0.77	0.80	0.57	0.55	0.42	0.43	0.44	0.30
NC_136	0.72	0.84	0.77	**0.89**	0.84	0.69	0.81	0.84	0.76	0.50	0.43	0.32	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_137	0.40	0.44	0.53	0.57	0.54	0.48	0.59	**0.64**	0.59	0.44	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_138	7.49	9.11	10.05	10.21	9.73	9.25	10.30	10.56	**10.71**	7.87	6.85	5.65	4.88	4.95	3.39	3.26	2.50	2.56	2.60	1.83
NC_139	0.54	0.75	0.86	0.89	0.88	0.93	1.03	1.10	**1.13**	0.87	0.76	0.65	0.56	0.57	0.40	0.38	0.29	0.30	0.30	0.21
NC_140	1.42	1.58	1.60	**1.75**	1.66	1.41	1.62	1.69	1.51	1.07	0.92	0.69	0.60	0.60	0.40	0.39	0.30	0.31	0.31	0.22
NC_141	0.75	0.87	0.80	**0.91**	0.86	0.72	0.82	0.85	0.77	0.50	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_142	1.53	1.72	1.64	**1.81**	1.72	1.44	1.62	1.66	1.49	1.02	0.88	0.64	0.56	0.56	0.38	0.36	0.28	0.29	0.29	0.21
NC_143	0.42	0.46	0.55	0.59	0.56	0.50	0.61	**0.66**	0.61	0.45	0.38	0.31	0.26	0.26	0.18	0.17	0.13	0.14	0.14	0.10
NC_144	0.67	0.77	0.73	**0.84**	0.79	0.65	0.78	0.82	0.73	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_145	0.65	0.73	0.77	0.85	0.80	0.68	0.83	**0.89**	0.78	0.57	0.49	0.38	0.32	0.33	0.22	0.21	0.16	0.17	0.17	0.12
NC_146	5.82	6.69	7.44	7.64	7.28	6.83	7.75	**8.15**	8.02	6.03	5.24	4.43	3.84	3.93	2.72	2.62	2.02	2.07	2.10	1.49
NC_147	1.65	1.83	1.83	**1.99**	1.89	1.60	1.82	1.89	1.69	1.19	1.02	0.76	0.66	0.66	0.45	0.43	0.33	0.34	0.34	0.24
NC_148	2.96	3.58	3.95	3.98	3.80	3.63	3.96	4.01	**4.06**	3.00	2.51	2.01	1.74	1.75	1.19	1.14	0.88	0.90	0.91	0.65
NC_149	0.81	0.93	0.87	**0.99**	0.94	0.77	0.91	0.95	0.85	0.56	0.49	0.36	0.31	0.31	0.21	0.20	0.16	0.16	0.16	0.12
NC_150	0.71	0.82	0.76	**0.87**	0.82	0.68	0.80	0.83	0.75	0.50	0.43	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_151	1.46	1.60	1.68	**1.80**	1.70	1.49	1.66	1.73	1.60	1.12	0.96	0.72	0.62	0.62	0.42	0.41	0.31	0.32	0.32	0.23
NC_152	4.89	8.88	12.25	15.04	17.24	21.91	24.59	24.78	**25.29**	21.28	22.22	20.21	18.00	17.23	13.53	13.63	11.25	11.31	12.79	9.48
NC_153	0.40	0.46	0.56	0.59	0.55	0.51	0.62	**0.69**	0.65	0.48	0.42	0.34	0.29	0.30	0.20	0.19	0.15	0.15	0.15	0.11
NC_154	5.26	7.05	8.31	8.75	8.63	8.81	9.69	9.64	**9.81**	7.58	6.72	5.64	4.84	4.98	3.49	3.37	2.59	2.65	2.69	1.90
NC_155	2.47	2.71	2.81	**2.98**	2.83	2.47	2.73	2.83	2.64	1.84	1.58	1.18	1.02	1.02	0.69	0.67	0.51	0.53	0.53	0.38
NC_156	2.84	3.90	4.57	4.75	4.63	4.86	5.45	5.72	**5.88**	4.47	4.03	3.45	2.94	3.04	2.13	2.05	1.57	1.61	1.63	1.13
NC_157	3.12	3.41	3.70	**3.78**	3.60	3.28	3.50	3.58	3.49	2.45	2.09	1.58	1.37	1.37	0.93	0.90	0.69	0.71	0.72	0.51
NC_158	4.77	8.68	11.98	14.74	16.93	21.63	24.38	24.73	**25.25**	21.39	22.17	20.38	18.13	17.22	13.55	13.74	11.34	11.45	12.93	9.59
NC_159	0.78	0.90	0.83	**0.95**	0.89	0.75	0.86	0.90	0.81	0.53	0.46	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_160	0.89	1.02	0.97	**1.10**	1.03	0.85	1.01	1.06	0.95	0.64	0.55	0.41	0.36	0.36	0.24	0.23	0.18	0.18	0.19	0.13
NC_161	0.72	0.83	0.77	**0.88**	0.83	0.69	0.81	0.84	0.76	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_162	0.65	0.75	0.72	**0.82**	0.77	0.63	0.76	0.80	0.72	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_163	0.74	0.85	0.80	**0.91**	0.86	0.70	0.84	0.87	0.78	0.52	0.45	0.33	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.11
NC_164	1.64	1.81	1.86	**2.02**	1.91	1.64	1.87	1.96	1.75	1.25	1.07	0.81	0.70	0.70	0.48	0.46	0.35	0.36	0.36	0.26
NC_165	0.73	0.85	0.78	**0.89**	0.84	0.70	0.81	0.85	0.76	0.50	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_166	0.84	0.96	0.91	**1.03**	0.97	0.81	0.94	0.97	0.88	0.58	0.50	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_167	6.85	8.05	8.90	9.08	8.66	8.18	9.20	**9.56**	9.53	7.11	6.19	5.19	4.50	4.62	3.19	3.07	2.37	2.42	2.45	1.74
NC_168	10.82	13.38	14.83	14.99	14.30	13.71	15.13	15.41	**15.69**	11.56	10.02	8.22	7.10	7.23	4.93	4.74	3.64	3.72	3.78	2.67
NC_169	1.24	1.41	1.34	**1.51**	1.43	1.18	1.39	1.45	1.29	0.89	0.76	0.57	0.49	0.49	0.34	0.32	0.25	0.25	0.26	0.18
NC_170	0.80	0.91	0.89	**1.00**	0.95	0.78	0.94	1.00	0.88	0.61	0.53	0.40	0.34	0.34	0.23	0.22	0.17	0.18	0.18	0.13
NC_171	4.18	5.78	6.84	7.13	7.06	7.45	8.32	8.63	**8.91**	6.82	6.22	5.34	4.54	4.76	3.33	3.21	2.45	2.51	2.54	1.77
NC_172	8.86	10.71	11.82	11.99	11.41	10.79	11.88	12.07	**12.28**	8.83	7.56	5.97	5.16	5.22	3.54	3.41	2.61	2.67	2.71	1.92
NC_173	1.30	1.44	1.50	**1.63**	1.54	1.32	1.52	1.60	1.43	1.02	0.88	0.66	0.57	0.57	0.39	0.37	0.29	0.29	0.30	0.21
NC_174	2.45	2.75	3.09	**3.13**	2.98	2.76	3.00	3.09	3.06	2.18	1.85	1.43	1.24	1.24	0.84	0.81	0.62	0.64	0.65	0.46
NC_175	2.28	2.47	2.67	**2.79**	2.65	2.36	2.59	2.70	2.53	1.80	1.54	1.17	1.01	1.01	0.69	0.66	0.51	0.52	0.53	0.38
NC_176	1.60	2.26	2.75	3.09	3.34	5.30	**6.09**	5.86	5.97	4.68	5.18	4.30	3.86	3.50	2.82	2.93	2.59	2.64	2.73	2.00
NC_177	0.82	0.95	0.88	**0.99**	0.93	0.78	0.89	0.93	0.84	0.55	0.47	0.35	0.30	0.30	0.20	0.20	0.15	0.15	0.16	0.11
NC_178	1.41	1.57	1.55	**1.70**	1.61	1.36	1.55	1.61	1.44	1.00	0.86	0.64	0.55	0.55	0.37	0.36	0.28	0.28	0.29	0.20
NC_179	1.23	1.62	1.90	2.03	2.07	2.20	2.45	2.46	**2.56**	2.01	1.87	1.62	1.37	1.45	1.01	0.97	0.74	0.76	0.77	0.54
NC_180	0.81	0.94	0.88	**1.00**	0.94	0.77	0.92	0.96	0.86	0.57	0.49	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_181	1.52	2.17	2.67	3.02	3.30	4.93	5.96	5.92	**6.07**	4.93	5.07	4.71	4.05	3.89	3.16	3.25	2.90	2.96	3.06	2.24
NC_182	0.93	1.06	1.03	**1.16**	1.10	0.91	1.09	1.15	1.02	0.71	0.61	0.46	0.40	0.40	0.27	0.26	0.20	0.21	0.21	0.15
NC_183	0.73	0.85	0.78	**0.89**	0.84	0.70	0.81	0.85	0.76	0.50	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_184	0.76	0.88	0.83	**0.94**	0.89	0.73	0.87	0.91	0.81	0.54	0.47	0.35	0.30	0.30	0.20	0.20	0.15	0.15	0.16	0.11
NC_185	1.35	1.49	1.52	**1.66**	1.57	1.34	1.54	1.62	1.45	1.03	0.88	0.66	0.57	0.57	0.39	0.37	0.29	0.29	0.30	0.21
NC_186	0.42	0.49	0.59	0.62	0.58	0.54	0.65	**0.72**	0.69	0.52	0.44	0.36	0.31	0.32	0.22	0.21	0.16	0.16	0.17	0.11
NC_187	0.74	0.86	0.79	**0.90**	0.85	0.71	0.82	0.86	0.77	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_188	1.72	1.91	1.89	**2.06**	1.96	1.65	1.87	1.94	1.73	1.21	1.04	0.77	0.67	0.67	0.45	0.44	0.34	0.34	0.35	0.25
NC_189	0.44	0.49	0.57	0.62	0.58	0.51	0.62	**0.68**	0.61	0.45	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.10
NC_190	4.54	5.96	7.08	7.91	8.38	8.88	**9.38**	9.08	9.08	7.48	7.34	6.18	5.37	5.56	4.08	3.95	3.04	3.14	3.23	2.41
NC_191	0.86	0.99	0.92	**1.05**	0.99	0.82	0.96	1.00	0.90	0.60	0.52	0.38	0.33	0.33	0.22	0.22	0.17	0.17	0.17	0.12
NC_192	11.58	14.43	16.04	16.21	15.47	14.88	16.41	16.67	**16.97**	12.56	10.88	8.93	7.74	7.87	5.36	5.16	3.96	4.05	4.11	2.91
NC_193	6.58	8.37	9.84	10.98	11.80	14.93	17.90	20.85	**21.92**	20.50	18.81	18.66	19.54	14.97	13.22	16.04	15.99	16.81	19.67	12.81
NC_194	0.81	1.15	1.42	1.54	1.56	1.66	1.85	1.83	**1.92**	1.49	1.41	1.21	1.03	1.08	0.76	0.73	0.56	0.57	0.58	0.40
NC_195	0.87	0.99	0.98	1.10	1.04	0.86	1.04	**1.10**	0.97	0.68	0.59	0.45	0.39	0.39	0.26	0.25	0.19	0.20	0.20	0.14
NC_196	0.63	0.83	0.95	0.97	0.92	0.95	1.08	1.16	**1.18**	0.89	0.77	0.65	0.55	0.57	0.39	0.38	0.29	0.29	0.30	0.21
NC_197	0.55	0.62	0.67	0.74	0.69	0.60	0.72	**0.78**	0.69	0.50	0.43	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_198	0.73	0.85	0.78	**0.90**	0.85	0.70	0.82	0.86	0.77	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_199	1.84	2.02	2.07	**2.22**	2.11	1.82	2.02	2.09	1.92	1.34	1.15	0.86	0.74	0.74	0.50	0.49	0.37	0.38	0.39	0.28
NC_200	3.03	3.27	3.50	**3.68**	3.50	3.09	3.39	3.52	3.27	2.33	1.99	1.50	1.30	1.30	0.88	0.85	0.65	0.67	0.68	0.48
NC_201	0.53	0.63	0.76	0.79	0.74	0.72	0.85	**0.96**	0.93	0.70	0.60	0.51	0.43	0.44	0.31	0.30	0.23	0.23	0.23	0.16
NC_202	1.84	2.00	2.18	**2.29**	2.17	1.93	2.14	2.24	2.10	1.50	1.28	0.97	0.84	0.84	0.57	0.55	0.42	0.43	0.44	0.31
NC_203	1.22	1.30	1.51	1.57	1.49	1.36	1.54	**1.63**	1.55	1.14	0.97	0.77	0.66	0.67	0.46	0.44	0.34	0.35	0.35	0.25
NC_204	0.43	0.47	0.58	0.62	0.58	0.53	0.64	**0.71**	0.66	0.49	0.42	0.34	0.29	0.30	0.20	0.20	0.15	0.15	0.16	0.11
NC_205	7.04	8.49	9.33	9.51	9.07	8.63	9.68	9.98	**10.01**	7.47	6.53	5.47	4.75	4.89	3.37	3.25	2.50	2.56	2.60	1.84
NC_206	0.67	0.90	1.05	1.08	1.02	1.01	1.19	1.29	**1.30**	0.97	0.83	0.70	0.60	0.61	0.42	0.40	0.31	0.31	0.32	0.22
NC_207	3.44	3.79	4.14	**4.24**	4.04	3.68	3.96	4.06	3.94	2.80	2.38	1.81	1.57	1.57	1.07	1.03	0.79	0.81	0.82	0.58
NC_208	0.70	0.81	0.76	**0.87**	0.82	0.67	0.80	0.83	0.75	0.50	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_209	0.36	0.41	0.51	0.53	0.50	0.46	0.56	**0.61**	0.58	0.43	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_210	12.11	15.23	17.02	17.23	16.45	15.90	17.56	17.74	**18.09**	13.46	11.65	9.60	8.31	8.47	5.77	5.56	4.27	4.36	4.42	3.13
NC_211	0.83	0.95	0.90	**1.02**	0.97	0.79	0.95	0.99	0.89	0.60	0.52	0.38	0.33	0.33	0.23	0.22	0.17	0.17	0.17	0.12
NC_212	0.36	0.41	0.50	0.53	0.50	0.46	0.55	**0.61**	0.58	0.43	0.37	0.30	0.25	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_213	6.58	9.01	10.88	11.91	11.96	12.42	**13.57**	13.29	13.56	10.57	9.70	8.15	7.00	7.21	5.13	4.96	3.81	3.90	3.95	2.80
NC_214	0.58	0.80	0.96	1.04	1.05	1.12	1.24	1.24	**1.29**	1.00	0.97	0.83	0.71	0.73	0.52	0.51	0.39	0.40	0.41	0.32
NC_215	3.64	4.34	5.23	6.61	7.50	9.16	**9.89**	9.67	9.64	7.81	7.85	6.68	5.54	4.70	4.14	4.22	3.58	3.67	3.73	2.75
NC_216	0.41	0.45	0.54	0.58	0.55	0.49	0.59	**0.65**	0.59	0.44	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_217	0.49	0.67	0.77	0.81	0.81	0.85	0.95	1.01	**1.04**	0.80	0.70	0.60	0.51	0.52	0.36	0.35	0.27	0.27	0.28	0.19

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_218	3.53	4.99	6.55	7.73	8.61	10.57	**11.56**	11.48	11.56	9.30	9.54	8.26	7.23	7.03	5.23	5.42	4.28	4.37	4.52	3.22
NC_219	0.80	1.05	1.21	1.24	1.21	1.28	1.43	1.56	**1.58**	1.20	1.05	0.89	0.76	0.79	0.54	0.52	0.40	0.41	0.41	0.29
NC_220	2.56	2.78	3.13	**3.18**	3.03	2.79	3.02	3.14	3.06	2.19	1.86	1.43	1.24	1.24	0.84	0.81	0.62	0.64	0.65	0.46
NC_221	0.70	0.81	0.77	**0.88**	0.83	0.68	0.82	0.86	0.77	0.52	0.45	0.33	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.11
NC_222	0.67	0.77	0.74	**0.84**	0.79	0.65	0.79	0.83	0.74	0.51	0.44	0.33	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_223	0.89	1.02	0.96	**1.09**	1.03	0.85	1.00	1.05	0.94	0.63	0.54	0.40	0.35	0.35	0.24	0.23	0.17	0.18	0.18	0.13
NC_224	0.72	0.83	0.79	**0.90**	0.85	0.69	0.83	0.88	0.78	0.53	0.45	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_225	4.87	6.58	7.88	8.61	8.83	9.12	**9.90**	9.67	9.74	7.58	7.04	5.80	5.00	5.08	3.66	3.54	2.72	2.78	2.82	1.99
NC_226	3.81	4.33	4.76	**4.82**	4.60	4.27	4.57	4.63	4.63	3.30	2.79	2.16	1.87	1.87	1.27	1.22	0.94	0.96	0.98	0.69
NC_227	2.04	2.25	2.68	3.03	3.31	4.94	6.10	6.13	**6.32**	5.11	5.19	4.92	4.25	4.18	3.36	3.45	3.05	3.11	3.22	2.35
NC_228	0.63	0.72	0.72	0.81	0.76	0.64	0.78	**0.83**	0.73	0.52	0.44	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_229	6.42	8.19	9.60	10.61	11.32	13.81	16.00	17.55	**18.44**	18.29	17.50	17.52	18.02	15.09	13.98	16.08	16.15	16.72	18.38	13.02
NC_230	0.44	0.49	0.58	0.62	0.59	0.52	0.64	**0.70**	0.64	0.47	0.40	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_231	1.20	1.31	1.47	1.56	1.47	1.33	1.55	**1.69**	1.59	1.19	1.02	0.83	0.72	0.73	0.50	0.48	0.37	0.38	0.39	0.27
NC_232	12.20	15.43	17.34	17.59	16.81	16.30	18.02	18.13	**18.48**	13.78	11.99	9.88	8.56	8.74	5.96	5.73	4.40	4.50	4.56	3.23
NC_233	0.41	0.45	0.54	0.58	0.54	0.49	0.59	**0.65**	0.60	0.44	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.10
NC_234	6.84	9.42	11.44	12.61	12.80	13.35	**14.54**	14.23	14.51	11.35	10.52	8.85	7.59	7.80	5.59	5.40	4.15	4.24	4.30	3.04
NC_235	0.76	0.88	0.82	**0.93**	0.88	0.72	0.86	0.90	0.80	0.53	0.46	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_236	0.95	1.36	1.60	1.66	1.58	1.64	1.88	1.98	**2.03**	1.54	1.35	1.14	0.97	0.99	0.69	0.66	0.50	0.52	0.52	0.36
NC_237	3.61	5.03	6.59	7.80	8.73	10.78	11.85	11.82	**11.92**	9.66	9.82	8.58	7.54	7.26	5.42	5.70	4.49	4.59	4.74	3.37
NC_238	23.19	31.20	37.26	40.79	41.91	43.85	**47.44**	46.50	46.74	36.75	34.33	28.67	24.83	24.92	18.40	17.80	13.72	14.25	14.70	10.19
NC_239	3.50	7.54	10.53	11.74	11.63	12.09	13.83	14.33	**14.68**	10.96	9.87	8.14	7.06	7.28	5.01	4.83	3.72	3.92	4.03	2.82
NC_240	6.34	8.89	10.97	12.52	13.45	14.71	**15.82**	15.44	15.50	12.29	12.24	10.18	8.81	8.87	6.68	6.48	4.99	5.11	5.18	3.65
NC_241	0.68	0.77	0.83	0.91	0.86	0.74	0.90	**0.97**	0.86	0.63	0.54	0.43	0.37	0.37	0.25	0.24	0.19	0.19	0.19	0.14
NC_242	0.46	0.51	0.61	0.66	0.62	0.55	0.67	**0.74**	0.68	0.50	0.43	0.35	0.30	0.30	0.21	0.20	0.15	0.15	0.16	0.11
NC_243	2.50	2.82	3.24	3.33	3.17	3.28	3.58	**3.90**	3.89	3.01	2.74	2.40	2.07	2.15	1.50	1.44	1.11	1.13	1.15	0.81
NC_244	24.29	32.46	38.55	41.84	42.49	43.77	**47.52**	46.62	46.96	36.68	33.93	28.24	24.40	24.56	17.98	17.38	13.37	13.91	14.34	9.93
NC_245	1.42	2.11	2.63	2.81	2.80	2.93	3.30	3.35	**3.48**	2.65	2.43	2.07	1.76	1.83	1.28	1.23	0.94	0.96	0.98	0.68
NC_246	0.80	0.92	0.85	**0.97**	0.91	0.76	0.88	0.92	0.83	0.54	0.47	0.34	0.30	0.30	0.20	0.19	0.15	0.15	0.16	0.11
NC_247	0.71	0.82	0.79	**0.89**	0.84	0.69	0.83	0.87	0.78	0.53	0.46	0.34	0.29	0.30	0.20	0.19	0.15	0.15	0.15	0.11
NC_248	0.62	0.88	1.09	1.25	1.31	1.41	1.54	1.52	**1.56**	1.22	1.27	1.06	0.91	0.94	0.69	0.67	0.52	0.53	0.54	0.41
NC_249	1.23	1.59	1.83	1.91	1.90	1.99	2.21	2.26	**2.36**	1.83	1.61	1.38	1.18	1.22	0.84	0.81	0.62	0.64	0.65	0.45
NC_250	0.36	0.41	0.50	0.53	0.50	0.46	0.55	**0.61**	0.58	0.43	0.37	0.30	0.25	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_251	0.36	0.41	0.50	0.53	0.49	0.46	0.55	**0.61**	0.58	0.43	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_252	3.65	5.04	6.60	7.82	8.77	10.87	12.00	12.01	**12.14**	9.90	9.97	8.80	7.74	7.35	5.60	5.88	4.63	4.73	4.88	3.47
NC_253	1.45	1.75	2.03	2.21	2.24	2.38	2.64	2.57	**2.68**	2.12	2.02	1.74	1.47	1.55	1.10	1.06	0.81	0.83	0.84	0.59
NC_254	0.36	0.41	0.50	0.53	0.49	0.46	0.55	**0.61**	0.58	0.43	0.37	0.30	0.25	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_255	0.57	0.70	0.83	0.85	0.80	0.81	0.93	**1.05**	1.03	0.78	0.68	0.58	0.49	0.50	0.35	0.34	0.26	0.26	0.27	0.19
NC_256	0.40	0.44	0.54	0.58	0.54	0.49	0.60	**0.66**	0.61	0.45	0.39	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_257	0.68	0.87	1.01	1.03	0.97	0.95	1.12	**1.23**	1.23	0.91	0.78	0.65	0.55	0.56	0.39	0.37	0.28	0.29	0.29	0.20
NC_258	3.59	4.33	5.06	6.24	7.14	9.19	10.44	10.58	**10.66**	9.07	8.44	7.81	6.34	5.86	4.99	5.12	4.42	4.54	4.62	3.38
NC_259	0.46	0.51	0.61	0.66	0.62	0.55	0.67	**0.73**	0.67	0.50	0.43	0.34	0.29	0.30	0.20	0.20	0.15	0.15	0.15	0.11
NC_260	14.97	20.34	27.34	29.99	29.44	30.15	34.33	35.03	**36.01**	26.86	24.04	19.85	17.21	17.69	12.10	11.65	8.96	9.24	9.46	6.68
NC_261	0.76	0.89	0.82	**0.92**	0.87	0.73	0.83	0.86	0.78	0.50	0.43	0.32	0.28	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_262	5.79	6.74	7.39	**7.51**	7.15	6.66	7.22	7.32	7.35	5.24	4.46	3.47	3.00	3.02	2.05	1.97	1.51	1.55	1.57	1.11
NC_263	57.85	83.61	105.23	123.50	139.23	178.53	207.67	236.73	258.58	**259.15**	251.35	249.42	239.02	197.60	176.85	219.98	193.09	210.84	221.80	157.23
NC_264	0.37	0.42	0.51	0.54	0.51	0.47	0.57	**0.62**	0.59	0.43	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_265	1.04	1.20	1.14	**1.29**	1.21	1.00	1.19	1.24	1.11	0.76	0.65	0.49	0.42	0.42	0.29	0.28	0.21	0.22	0.22	0.16
NC_266	1.57	1.70	1.98	2.03	1.93	1.79	2.01	**2.14**	2.06	1.52	1.28	1.02	0.88	0.89	0.61	0.59	0.45	0.46	0.47	0.33
NC_267	0.55	0.77	0.89	0.94	0.95	1.01	1.11	1.17	**1.21**	0.93	0.84	0.73	0.62	0.64	0.45	0.43	0.33	0.34	0.34	0.24
NC_268	7.30	10.83	15.00	18.55	21.47	28.38	33.59	36.51	**37.80**	33.87	32.70	32.98	29.44	26.71	21.79	22.88	19.33	19.71	21.39	14.83
NC_269	0.48	0.67	0.78	0.81	0.81	0.85	0.95	1.00	**1.03**	0.79	0.70	0.60	0.51	0.52	0.36	0.35	0.27	0.27	0.28	0.19
NC_270	1.40	1.92	2.32	2.50	2.48	2.56	2.83	2.80	**2.86**	2.21	2.00	1.67	1.43	1.47	1.04	1.00	0.77	0.79	0.80	0.56
NC_271	3.53	4.29	4.97	6.05	6.91	8.93	10.41	10.67	**10.77**	9.35	8.53	8.10	6.57	6.26	5.24	5.44	4.76	4.89	4.97	3.64
NC_272	6.40	8.17	9.58	10.60	11.31	13.79	15.99	17.55	18.46	18.61	17.97	18.00	18.29	15.62	14.49	16.27	16.55	17.23	**18.66**	13.55
NC_273	0.52	0.74	0.87	0.92	0.93	0.98	1.09	1.13	**1.17**	0.91	0.82	0.71	0.60	0.62	0.43	0.42	0.32	0.33	0.33	0.23
NC_274	4.05	5.60	6.85	8.10	9.14	11.50	12.75	12.82	**12.98**	10.73	10.68	9.53	8.44	7.99	6.22	6.48	5.08	5.19	5.35	3.80
NC_275	15.02	20.31	27.24	30.07	29.66	30.48	34.67	35.27	**36.31**	27.06	24.34	20.09	17.39	17.96	12.28	11.83	9.10	9.38	9.60	6.78
NC_276	0.62	0.72	0.70	**0.79**	0.75	0.62	0.74	0.79	0.70	0.48	0.41	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_277	1.31	1.84	2.26	2.55	2.70	2.85	**3.10**	3.05	3.08	2.41	2.35	1.94	1.67	1.71	1.25	1.20	0.93	0.95	0.96	0.67
NC_278	0.62	0.71	0.71	0.80	0.76	0.63	0.76	**0.81**	0.72	0.50	0.43	0.33	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_279	16.31	21.60	28.25	31.58	31.76	33.10	37.28	37.58	**38.75**	29.02	26.88	22.36	19.39	20.02	13.73	13.23	10.18	10.48	10.72	7.57
NC_280	57.87	83.65	105.27	123.54	139.29	178.60	207.73	236.78	258.60	**259.11**	251.26	249.31	238.93	197.49	176.73	219.89	192.99	210.66	221.62	157.10
NC_281	0.62	0.71	0.70	**0.79**	0.74	0.61	0.74	0.79	0.70	0.48	0.41	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_282	0.41	0.48	0.58	0.60	0.56	0.53	0.64	**0.71**	0.68	0.50	0.43	0.36	0.30	0.31	0.21	0.20	0.16	0.16	0.16	0.11
NC_283	1.19	1.32	1.34	**1.47**	1.39	1.18	1.36	1.42	1.27	0.89	0.76	0.57	0.49	0.50	0.34	0.32	0.25	0.25	0.26	0.18
NC_284	1.08	1.59	2.01	2.32	2.49	2.71	2.95	2.90	**2.97**	2.32	2.46	2.05	1.77	1.83	1.35	1.31	1.01	1.04	1.05	0.76
NC_285	23.04	31.15	37.38	41.20	42.76	45.48	**49.07**	48.05	48.19	38.10	35.94	30.12	26.14	26.00	19.50	18.89	14.58	15.09	15.56	10.78
NC_286	0.36	0.41	0.50	0.53	0.49	0.46	0.55	**0.61**	0.58	0.43	0.37	0.30	0.25	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_287	57.82	83.57	105.17	123.43	139.17	178.46	207.60	236.75	258.74	**259.83**	252.19	250.24	239.64	197.91	177.61	220.83	193.85	212.10	223.09	158.11
NC_288	1.06	1.21	1.16	**1.31**	1.24	1.02	1.22	1.28	1.14	0.79	0.68	0.51	0.44	0.44	0.30	0.29	0.22	0.23	0.23	0.16
NC_289	3.97	4.81	5.32	5.42	5.16	4.89	5.39	5.46	**5.49**	4.01	3.41	2.71	2.35	2.36	1.60	1.54	1.19	1.21	1.23	0.87
NC_290	0.70	0.81	0.76	**0.87**	0.82	0.67	0.80	0.84	0.75	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_291	0.82	0.94	0.91	**1.03**	0.97	0.80	0.96	1.02	0.90	0.62	0.54	0.40	0.35	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_292	0.71	0.89	1.04	1.06	1.07	1.14	1.25	1.38	**1.38**	1.07	0.95	0.83	0.71	0.73	0.51	0.50	0.38	0.39	0.40	0.27
NC_293	7.20	10.16	12.57	14.37	15.50	17.43	**18.77**	18.35	18.44	14.73	14.69	12.42	10.77	10.69	8.19	7.98	6.19	6.33	6.42	4.52
NC_294	2.11	3.12	3.97	4.59	4.98	5.67	**6.16**	6.05	6.15	4.85	5.15	4.35	3.77	3.78	2.87	2.81	2.18	2.24	2.29	1.64
NC_295	0.73	0.84	0.80	**0.91**	0.86	0.71	0.85	0.90	0.80	0.54	0.47	0.35	0.30	0.30	0.21	0.20	0.15	0.16	0.16	0.11
NC_296	0.70	0.81	0.77	**0.88**	0.83	0.68	0.82	0.86	0.77	0.52	0.45	0.33	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.11
NC_297	1.06	1.18	1.31	1.38	1.30	1.17	1.33	**1.41**	1.32	0.95	0.81	0.62	0.54	0.54	0.37	0.35	0.27	0.28	0.28	0.20
NC_298	3.40	4.39	5.08	5.22	5.05	4.97	5.49	5.45	**5.54**	4.17	3.63	2.98	2.58	2.61	1.79	1.72	1.32	1.35	1.37	0.97
NC_299	30.56	42.33	51.71	58.18	61.74	68.29	**73.76**	72.44	73.04	58.26	57.49	48.78	42.38	41.71	32.15	31.38	24.34	24.95	25.63	17.85
NC_300	0.79	0.91	0.86	**0.97**	0.92	0.75	0.90	0.94	0.84	0.57	0.49	0.36	0.31	0.31	0.21	0.21	0.16	0.16	0.16	0.12
NC_301	1.46	1.67	1.60	**1.79**	1.69	1.40	1.65	1.72	1.56	1.04	0.90	0.67	0.58	0.58	0.39	0.38	0.29	0.30	0.30	0.21
NC_302	57.97	83.79	105.44	123.73	139.49	178.86	207.99	236.98	258.76	**259.14**	251.27	249.33	238.90	197.52	176.77	220.07	192.69	210.51	221.46	156.99
NC_303	1.97	2.51	2.79	2.84	2.71	2.65	3.00	3.10	**3.13**	2.38	2.01	1.67	1.43	1.45	1.00	0.97	0.74	0.76	0.77	0.54
NC_304	0.91	1.32	1.66	1.86	1.89	2.02	2.24	2.21	**2.31**	1.77	1.74	1.47	1.25	1.30	0.93	0.90	0.69	0.71	0.72	0.50
NC_305	0.64	0.74	0.72	**0.82**	0.77	0.64	0.77	0.81	0.72	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_306	2.32	3.45	4.41	5.16	5.70	6.83	**7.41**	7.28	7.41	5.98	6.35	5.47	4.79	4.75	3.67	3.62	2.84	2.91	2.99	2.18
NC_307	0.96	1.31	1.53	1.61	1.64	1.73	1.91	1.96	**2.04**	1.59	1.43	1.24	1.05	1.09	0.76	0.74	0.56	0.58	0.58	0.41
NC_308	8.84	12.68	15.92	18.51	20.39	23.97	**25.91**	25.45	25.65	20.83	21.25	18.23	15.94	15.46	12.27	12.04	9.36	9.58	9.71	6.80
NC_309	0.78	1.10	1.27	1.32	1.32	1.40	1.55	1.65	**1.70**	1.31	1.16	1.01	0.86	0.88	0.62	0.60	0.46	0.47	0.48	0.33
NC_310	4.25	5.53	6.47	6.91	7.18	8.99	10.77	11.40	**11.55**	10.34	9.08	9.00	7.52	7.52	6.06	6.25	5.51	5.67	5.77	4.20
NC_311	1.99	2.40	2.67	2.70	2.58	2.45	2.71	2.77	**2.78**	2.05	1.72	1.38	1.19	1.19	0.82	0.78	0.60	0.62	0.62	0.44
NC_312	1.35	1.50	1.50	**1.65**	1.56	1.32	1.51	1.58	1.41	0.99	0.85	0.63	0.55	0.55	0.37	0.36	0.28	0.28	0.29	0.20
NC_313	7.09	10.01	12.40	14.19	15.33	17.39	**18.78**	18.40	18.51	14.84	14.78	12.58	10.94	10.71	8.28	8.12	6.32	6.46	6.55	4.61
NC_314	0.55	0.60	0.73	0.78	0.74	0.67	0.81	**0.90**	0.84	0.62	0.54	0.44	0.38	0.38	0.26	0.25	0.19	0.20	0.20	0.14
NC_315	2.22	2.42	2.55	**2.71**	2.57	2.25	2.49	2.60	2.41	1.69	1.45	1.09	0.94	0.95	0.64	0.62	0.47	0.48	0.49	0.35
NC_316	2.43	3.62	4.63	5.45	6.08	7.40	8.02	7.88	**8.03**	6.56	6.98	6.01	5.29	5.28	4.09	4.03	3.15	3.22	3.32	2.41
NC_317	0.69	0.79	0.75	**0.86**	0.81	0.66	0.79	0.83	0.74	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_318	57.34	82.85	104.21	122.24	137.75	176.35	204.61	229.90	**245.93**	239.22	229.27	231.39	221.96	190.16	164.83	198.62	173.08	185.74	195.99	139.05
NC_319	0.74	0.85	0.79	**0.90**	0.85	0.71	0.82	0.86	0.77	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_320	2.47	3.68	4.72	5.56	6.24	7.66	8.30	8.16	**8.32**	6.84	7.26	6.26	5.53	5.59	4.30	4.23	3.30	3.38	3.47	2.52
NC_321	0.82	0.94	0.89	**1.01**	0.95	0.78	0.93	0.97	0.87	0.59	0.50	0.37	0.32	0.32	0.22	0.21	0.16	0.17	0.17	0.12
NC_322	0.41	0.45	0.54	0.58	0.55	0.49	0.60	**0.65**	0.60	0.44	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_323	1.56	1.76	1.79	1.97	1.86	1.58	1.87	**2.00**	1.76	1.29	1.11	0.87	0.75	0.75	0.52	0.50	0.38	0.39	0.40	0.28
NC_324	4.94	7.07	8.70	9.69	10.55	12.16	**13.03**	12.75	12.88	10.35	11.57	9.82	8.52	8.94	6.72	6.57	5.09	5.21	5.32	3.81
NC_325	8.66	11.05	13.01	14.76	16.48	20.02	22.77	25.08	**25.96**	25.28	24.63	24.81	24.16	21.23	18.81	22.26	21.46	22.26	25.02	18.28
NC_326	4.64	6.82	8.61	9.86	10.76	12.60	**13.57**	13.29	13.43	10.96	12.02	10.33	9.03	9.25	7.09	6.96	5.43	5.56	5.68	4.06
NC_327	0.58	0.70	0.83	0.85	0.80	0.85	0.94	**1.07**	1.06	0.80	0.70	0.59	0.51	0.52	0.36	0.35	0.26	0.27	0.27	0.19
NC_328	0.68	0.78	0.75	**0.85**	0.80	0.66	0.78	0.82	0.74	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_329	0.78	0.90	0.86	**0.97**	0.92	0.76	0.91	0.95	0.85	0.58	0.50	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_330	0.68	0.78	0.74	**0.85**	0.80	0.65	0.78	0.82	0.74	0.49	0.42	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_331	7.33	10.38	12.88	14.79	16.05	18.49	**20.01**	19.65	19.80	15.97	15.87	13.63	11.91	11.48	9.10	8.90	6.92	7.08	7.18	5.05
NC_332	2.24	2.44	2.61	**2.77**	2.63	2.31	2.61	2.76	2.56	1.85	1.59	1.24	1.07	1.08	0.74	0.71	0.55	0.56	0.57	0.40
NC_333	4.10	5.31	6.05	6.19	5.93	5.84	6.56	6.63	**6.72**	5.09	4.38	3.62	3.11	3.15	2.18	2.10	1.61	1.65	1.67	1.18
NC_334	0.71	0.81	0.78	**0.89**	0.84	0.69	0.83	0.87	0.78	0.53	0.46	0.34	0.30	0.30	0.20	0.19	0.15	0.15	0.15	0.11
NC_335	0.36	0.41	0.50	0.53	0.50	0.46	0.55	**0.61**	0.58	0.43	0.36	0.30	0.25	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_336	0.37	0.42	0.51	0.54	0.50	0.47	0.56	**0.62**	0.59	0.43	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_337	0.89	1.03	0.97	**1.10**	1.04	0.85	1.02	1.06	0.95	0.64	0.55	0.41	0.36	0.36	0.24	0.23	0.18	0.18	0.19	0.13
NC_338	0.41	0.47	0.57	0.60	0.56	0.52	0.63	**0.70**	0.67	0.50	0.43	0.35	0.30	0.30	0.21	0.20	0.15	0.16	0.16	0.11
NC_339	1.40	1.60	1.76	**1.80**	1.71	1.58	1.73	1.77	1.75	1.25	1.06	0.82	0.71	0.71	0.48	0.47	0.36	0.37	0.37	0.26
NC_340	0.50	0.56	0.61	0.67	0.63	0.54	0.66	**0.71**	0.63	0.46	0.39	0.31	0.26	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_341	8.64	11.03	13.00	14.74	16.43	19.97	22.71	25.14	**26.00**	25.42	24.79	24.95	24.29	21.34	18.91	22.36	21.60	22.41	25.23	18.43
NC_342	4.08	4.44	4.86	**5.03**	4.78	4.31	4.71	4.89	4.67	3.33	2.84	2.17	1.88	1.88	1.28	1.23	0.95	0.97	0.98	0.70
NC_343	0.79	0.98	1.16	1.19	1.12	1.07	1.28	**1.40**	1.38	1.03	0.88	0.73	0.62	0.64	0.44	0.42	0.32	0.33	0.33	0.23
NC_344	1.39	1.54	1.58	**1.72**	1.63	1.39	1.60	1.68	1.50	1.07	0.91	0.69	0.59	0.60	0.40	0.39	0.30	0.31	0.31	0.22
NC_345	0.36	0.41	0.50	0.53	0.49	0.46	0.55	**0.61**	0.58	0.43	0.37	0.30	0.25	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_346	3.95	4.36	4.67	**4.89**	4.65	4.14	4.56	4.73	4.46	3.15	2.69	2.04	1.76	1.77	1.20	1.15	0.89	0.91	0.92	0.65
NC_347	0.73	0.84	0.78	**0.89**	0.84	0.69	0.82	0.85	0.77	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_348	0.48	0.69	0.81	0.85	0.85	0.90	1.00	1.04	**1.08**	0.83	0.74	0.63	0.54	0.55	0.38	0.37	0.28	0.29	0.29	0.20
NC_349	0.68	0.91	1.09	1.19	1.21	1.29	1.44	1.42	**1.49**	1.17	1.12	0.96	0.82	0.85	0.60	0.58	0.45	0.46	0.46	0.32
NC_350	4.70	6.94	8.81	10.20	11.15	13.24	**14.29**	14.02	14.20	11.78	12.70	11.04	9.72	9.80	7.61	7.50	5.89	6.03	6.15	4.40
NC_351	0.52	0.67	0.77	0.79	0.79	0.83	0.92	1.02	**1.02**	0.78	0.68	0.58	0.50	0.51	0.35	0.34	0.26	0.27	0.27	0.19
NC_352	0.74	1.02	1.26	1.43	1.49	1.61	1.76	1.73	**1.81**	1.39	1.45	1.23	1.03	1.09	0.79	0.76	0.59	0.60	0.61	0.42
NC_353	1.22	1.32	1.47	1.55	1.47	1.32	1.51	**1.60**	1.48	1.09	0.93	0.73	0.63	0.63	0.43	0.42	0.32	0.33	0.33	0.24
NC_354	8.82	12.65	15.88	18.46	20.32	23.83	**25.72**	25.22	25.41	20.59	21.05	18.02	15.73	15.36	12.08	11.86	9.22	9.43	9.57	6.70
NC_355	57.34	82.86	104.23	122.26	137.76	176.37	204.63	229.91	**245.92**	239.17	229.18	231.28	221.85	190.12	164.75	198.50	173.01	185.60	195.85	138.95
NC_356	4.06	5.63	7.27	8.73	10.00	12.92	14.67	15.16	**15.42**	13.70	13.22	12.63	11.23	10.63	8.68	8.99	7.25	7.41	7.59	5.40
NC_357	0.79	0.91	0.85	**0.97**	0.91	0.75	0.88	0.92	0.83	0.55	0.47	0.35	0.30	0.30	0.20	0.20	0.15	0.16	0.16	0.11
NC_358	3.11	4.59	5.71	6.25	6.24	6.56	7.38	7.46	**7.73**	5.86	5.49	4.62	3.95	4.12	2.89	2.79	2.13	2.19	2.22	1.54
NC_359	1.41	1.55	1.62	**1.74**	1.65	1.43	1.60	1.67	1.55	1.08	0.93	0.70	0.60	0.60	0.41	0.39	0.30	0.31	0.31	0.22
NC_360	0.74	1.01	1.16	1.19	1.13	1.16	1.34	1.45	**1.47**	1.11	0.96	0.81	0.69	0.70	0.49	0.47	0.36	0.37	0.37	0.26
NC_361	1.22	1.48	1.69	1.70	1.65	1.74	1.93	2.09	**2.11**	1.62	1.40	1.21	1.03	1.06	0.74	0.71	0.55	0.56	0.57	0.40
NC_362	57.35	82.87	104.24	122.27	137.78	176.39	204.64	229.92	**245.92**	239.10	229.10	231.15	221.81	190.08	164.65	198.36	172.92	185.45	195.69	138.84
NC_363	0.42	0.46	0.58	0.61	0.57	0.52	0.64	**0.70**	0.66	0.49	0.42	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_364	0.69	0.80	0.76	**0.86**	0.81	0.66	0.80	0.84	0.75	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_365	0.57	0.85	1.09	1.22	1.24	1.33	1.48	1.46	**1.53**	1.17	1.15	0.98	0.83	0.87	0.62	0.60	0.46	0.47	0.48	0.33
NC_366	1.02	1.17	1.13	**1.27**	1.20	1.00	1.19	1.25	1.11	0.77	0.66	0.50	0.43	0.43	0.29	0.28	0.22	0.22	0.23	0.16
NC_367	0.52	0.75	0.87	0.92	0.92	0.97	1.07	1.12	**1.16**	0.89	0.79	0.68	0.58	0.60	0.42	0.40	0.31	0.31	0.32	0.22
NC_368	3.57	5.08	6.11	6.37	6.11	6.32	7.25	7.56	**7.77**	5.82	5.24	4.40	3.76	3.93	2.72	2.62	2.00	2.04	2.08	1.44
NC_369	0.39	0.45	0.55	0.58	0.54	0.50	0.60	**0.67**	0.63	0.47	0.40	0.33	0.28	0.28	0.19	0.19	0.14	0.15	0.15	0.10
NC_370	0.70	0.80	0.77	**0.87**	0.82	0.67	0.81	0.85	0.76	0.52	0.44	0.33	0.29	0.29	0.19	0.19	0.14	0.15	0.15	0.11
NC_371	1.69	2.31	2.69	2.78	2.63	2.64	3.08	3.30	**3.34**	2.49	2.17	1.82	1.55	1.60	1.10	1.06	0.80	0.82	0.84	0.58
NC_372	57.36	82.88	104.26	122.29	137.80	176.41	204.66	229.93	**245.90**	239.01	229.00	231.11	221.78	190.04	164.57	198.24	172.84	185.30	195.55	138.74
NC_373	0.71	0.82	0.77	**0.88**	0.83	0.68	0.80	0.84	0.76	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_374	0.70	0.88	1.03	1.06	0.99	1.05	1.17	**1.33**	1.32	1.00	0.88	0.77	0.66	0.68	0.47	0.46	0.35	0.36	0.37	0.25
NC_375	3.05	4.42	5.54	6.36	6.86	7.84	**8.48**	8.34	8.46	7.00	7.54	6.72	6.17	6.10	4.71	4.80	3.98	4.10	4.20	2.95
NC_376	0.79	0.91	0.86	**0.98**	0.92	0.75	0.90	0.95	0.85	0.57	0.49	0.36	0.32	0.32	0.21	0.21	0.16	0.16	0.16	0.12
NC_377	5.48	8.04	10.19	11.78	12.82	15.04	**16.25**	15.96	16.17	13.38	14.48	12.59	11.09	11.21	8.67	8.57	6.75	6.92	7.05	5.03
NC_378	0.45	0.50	0.58	0.63	0.59	0.52	0.63	**0.69**	0.63	0.46	0.40	0.31	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_379	0.82	0.95	0.88	**1.00**	0.95	0.79	0.91	0.95	0.86	0.57	0.49	0.36	0.31	0.31	0.21	0.20	0.16	0.16	0.16	0.12
NC_380	3.44	4.85	5.77	6.00	5.72	5.92	6.80	7.15	**7.33**	5.51	4.91	4.14	3.53	3.67	2.54	2.45	1.87	1.91	1.94	1.34
NC_381	4.14	5.69	7.36	8.78	10.06	12.99	14.81	15.35	**15.61**	13.93	13.40	12.87	11.43	10.95	8.92	9.22	7.43	7.59	7.78	5.53
NC_382	0.63	0.72	0.71	**0.80**	0.76	0.63	0.75	0.79	0.71	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_383	1.08	1.17	1.43	1.49	1.41	1.29	1.53	**1.69**	1.60	1.18	1.02	0.82	0.70	0.71	0.49	0.47	0.36	0.37	0.37	0.26
NC_384	0.48	0.54	0.66	0.69	0.65	0.60	0.73	**0.81**	0.77	0.58	0.50	0.41	0.35	0.36	0.24	0.23	0.18	0.18	0.19	0.13
NC_385	13.41	18.16	21.90	24.22	25.72	29.74	34.59	40.05	**41.79**	39.16	36.23	38.93	35.60	32.69	25.93	28.39	24.63	25.29	27.01	18.42
NC_386	0.76	0.88	0.82	**0.91**	0.86	0.73	0.83	0.86	0.78	0.50	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_387	0.63	0.71	0.76	0.84	0.79	0.68	0.82	**0.89**	0.78	0.57	0.49	0.38	0.33	0.33	0.23	0.22	0.17	0.17	0.17	0.12
NC_388	0.58	0.71	0.85	0.87	0.82	0.83	0.95	**1.08**	1.06	0.80	0.70	0.59	0.51	0.52	0.36	0.35	0.27	0.27	0.28	0.19
NC_389	1.96	2.66	3.09	3.21	3.17	3.36	3.72	3.95	**4.03**	3.09	2.82	2.44	2.07	2.18	1.52	1.47	1.12	1.15	1.17	0.81
NC_390	0.43	0.51	0.61	0.64	0.60	0.56	0.68	**0.76**	0.73	0.54	0.47	0.39	0.33	0.33	0.23	0.22	0.17	0.17	0.18	0.12
NC_391	2.16	2.40	2.54	**2.73**	2.58	2.25	2.59	2.72	2.48	1.78	1.52	1.17	1.01	1.01	0.69	0.66	0.51	0.52	0.53	0.37
NC_392	0.40	0.47	0.57	0.59	0.55	0.52	0.62	**0.69**	0.66	0.49	0.42	0.35	0.30	0.30	0.21	0.20	0.15	0.16	0.16	0.11
NC_393	2.24	2.48	2.44	**2.67**	2.53	2.14	2.41	2.49	2.25	1.55	1.33	0.98	0.85	0.85	0.58	0.56	0.43	0.44	0.44	0.32
NC_394	57.67	83.37	104.84	122.93	138.49	177.28	205.51	230.39	**245.87**	237.57	227.18	229.38	220.36	189.66	163.18	196.50	171.38	182.86	192.66	136.57
NC_395	0.67	0.78	0.74	**0.84**	0.79	0.65	0.78	0.82	0.73	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_396	1.60	2.28	2.70	2.81	2.71	2.84	3.22	3.39	**3.49**	2.63	2.36	2.02	1.72	1.78	1.24	1.20	0.92	0.94	0.96	0.66
NC_397	2.37	2.80	3.06	3.21	3.32	3.48	**4.17**	3.90	3.85	3.11	3.10	2.79	2.50	2.58	2.03	1.98	1.61	1.64	1.66	1.19
NC_398	0.37	0.42	0.51	0.54	0.51	0.47	0.56	**0.62**	0.58	0.43	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_399	57.37	82.89	104.27	122.30	137.81	176.43	204.68	229.94	**245.91**	238.97	228.92	231.05	221.74	190.00	164.49	198.13	172.77	185.17	195.42	138.65
NC_400	0.74	0.86	0.80	**0.90**	0.85	0.71	0.82	0.85	0.77	0.50	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_401	5.64	7.40	8.90	9.87	10.92	13.84	15.61	16.29	**16.58**	15.03	14.56	14.02	12.52	12.32	9.96	10.23	8.20	8.38	8.57	6.10
NC_402	1.75	1.91	2.00	**2.14**	2.03	1.76	1.97	2.05	1.88	1.34	1.15	0.87	0.75	0.76	0.51	0.49	0.38	0.39	0.39	0.28
NC_403	57.49	83.08	104.49	122.55	138.07	176.76	204.99	230.05	**245.70**	237.89	227.60	229.82	220.65	189.80	163.65	196.89	171.62	183.48	193.36	137.22
NC_404	57.37	82.90	104.28	122.31	137.82	176.45	204.70	229.95	**245.90**	238.91	228.85	230.98	221.69	189.96	164.41	198.01	172.70	185.04	195.28	138.56
NC_405	0.40	0.44	0.53	0.57	0.54	0.48	0.59	**0.64**	0.59	0.44	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_406	3.38	3.74	3.79	**4.08**	3.87	3.33	3.73	3.86	3.55	2.47	2.11	1.58	1.37	1.37	0.92	0.89	0.68	0.70	0.71	0.51
NC_407	0.69	0.80	0.77	**0.87**	0.82	0.67	0.81	0.85	0.76	0.52	0.44	0.33	0.29	0.29	0.19	0.19	0.14	0.15	0.15	0.11
NC_408	1.76	2.32	2.69	2.77	2.78	2.96	3.26	3.47	**3.54**	2.73	2.48	2.16	1.83	1.91	1.34	1.29	0.99	1.01	1.03	0.72
NC_409	0.84	0.96	0.89	**1.02**	0.96	0.80	0.93	0.97	0.87	0.58	0.50	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_410	1.30	1.43	1.56	1.67	1.58	1.39	1.61	**1.72**	1.57	1.14	0.97	0.75	0.65	0.66	0.45	0.43	0.33	0.34	0.34	0.24
NC_411	2.45	2.64	2.88	**2.98**	2.84	2.56	2.76	2.86	2.72	1.94	1.66	1.26	1.09	1.10	0.75	0.72	0.55	0.57	0.57	0.41
NC_412	1.41	1.56	1.66	1.79	1.70	1.47	1.71	**1.82**	1.63	1.18	1.01	0.78	0.67	0.68	0.46	0.44	0.34	0.35	0.35	0.25
NC_413	0.80	0.92	0.85	**0.97**	0.92	0.76	0.89	0.93	0.83	0.55	0.47	0.35	0.30	0.30	0.21	0.20	0.15	0.16	0.16	0.11
NC_414	0.68	0.79	0.74	**0.85**	0.80	0.65	0.78	0.82	0.74	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_415	0.97	1.12	1.04	**1.18**	1.12	0.93	1.08	1.13	1.01	0.67	0.58	0.43	0.37	0.37	0.25	0.24	0.19	0.19	0.19	0.14
NC_416	0.95	1.09	1.02	**1.16**	1.10	0.90	1.07	1.11	1.00	0.67	0.58	0.43	0.37	0.37	0.25	0.24	0.19	0.19	0.19	0.14
NC_417	1.45	1.68	1.93	1.97	2.01	2.12	2.30	**2.45**	2.45	1.93	1.72	1.49	1.27	1.32	0.93	0.89	0.69	0.70	0.71	0.50
NC_418	0.86	1.00	0.93	**1.04**	0.98	0.83	0.94	0.97	0.88	0.57	0.49	0.36	0.31	0.31	0.21	0.20	0.16	0.16	0.16	0.12
NC_419	2.91	3.46	3.82	**3.87**	3.69	3.49	3.80	3.84	3.86	2.82	2.37	1.88	1.62	1.63	1.11	1.07	0.82	0.84	0.85	0.61
NC_420	0.73	0.85	0.78	**0.90**	0.85	0.70	0.82	0.86	0.77	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_421	0.71	1.05	1.33	1.49	1.52	1.63	1.80	1.76	**1.84**	1.42	1.41	1.20	1.01	1.06	0.76	0.74	0.56	0.58	0.59	0.41
NC_422	57.68	83.39	104.85	122.94	138.49	177.27	205.43	230.00	**244.87**	235.31	224.56	227.20	218.28	189.25	161.71	193.69	169.44	179.47	189.22	134.19
NC_423	0.74	0.86	0.81	**0.92**	0.87	0.71	0.85	0.89	0.79	0.53	0.46	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_424	2.76	3.93	4.77	5.02	4.89	5.00	5.67	5.74	**5.94**	4.48	4.00	3.34	2.86	2.96	2.03	1.95	1.48	1.52	1.54	1.07
NC_425	0.66	0.87	1.02	1.05	0.99	0.96	1.14	**1.25**	**1.25**	0.93	0.80	0.66	0.56	0.58	0.39	0.38	0.29	0.30	0.30	0.21
NC_426	0.72	0.83	0.77	**0.88**	0.83	0.68	0.81	0.85	0.76	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_427	3.53	3.85	4.13	**4.27**	4.07	3.65	3.94	4.04	3.87	2.73	2.33	1.76	1.52	1.52	1.03	0.99	0.76	0.78	0.79	0.56
NC_428	0.99	1.07	1.19	1.26	1.19	1.07	1.21	**1.27**	1.16	0.85	0.72	0.56	0.48	0.48	0.33	0.32	0.24	0.25	0.25	0.18
NC_429	0.70	0.81	0.76	**0.86**	0.81	0.67	0.79	0.83	0.75	0.50	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_430	1.12	1.29	1.20	**1.32**	1.25	1.07	1.18	1.22	1.10	0.71	0.62	0.45	0.39	0.39	0.27	0.26	0.20	0.20	0.20	0.15
NC_431	0.47	0.53	0.60	0.65	0.61	0.54	0.65	**0.71**	0.64	0.47	0.40	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_432	3.01	3.30	3.66	**3.71**	3.54	3.26	3.47	3.55	3.48	2.49	2.12	1.62	1.41	1.41	0.96	0.92	0.71	0.73	0.74	0.53
NC_433	1.96	2.33	2.63	2.66	2.53	2.41	2.69	2.80	**2.80**	2.07	1.74	1.40	1.20	1.21	0.83	0.80	0.61	0.63	0.63	0.45
NC_434	0.36	0.41	0.50	0.52	0.49	0.46	0.55	**0.61**	0.58	0.43	0.37	0.30	0.25	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_435	0.81	0.94	0.87	**0.97**	0.92	0.78	0.88	0.91	0.82	0.53	0.46	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_436	2.45	3.20	3.72	3.81	3.70	3.68	4.05	4.00	**4.06**	3.13	2.68	2.23	1.92	1.95	1.34	1.29	0.99	1.02	1.03	0.73

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_437	57.79	83.55	105.05	123.16	138.74	177.58	205.75	230.24	**245.05**	235.33	224.57	227.11	218.28	189.21	161.94	193.59	169.39	179.42	189.02	134.06
NC_438	1.48	1.66	1.60	**1.77**	1.68	1.40	1.60	1.65	1.48	1.02	0.87	0.64	0.56	0.56	0.38	0.37	0.28	0.29	0.29	0.21
NC_439	0.36	0.41	0.50	0.52	0.49	0.46	0.55	**0.61**	0.58	0.43	0.37	0.30	0.25	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_440	2.82	3.41	3.85	3.91	3.78	3.97	4.35	4.59	**4.66**	3.60	3.21	2.80	2.39	2.47	1.74	1.68	1.29	1.32	1.34	0.95
NC_441	1.08	1.18	1.37	1.44	1.36	1.23	1.42	**1.54**	1.45	1.05	0.90	0.71	0.61	0.62	0.42	0.40	0.31	0.32	0.32	0.22
NC_442	0.68	0.77	0.78	0.88	0.83	0.70	0.84	**0.90**	0.79	0.56	0.48	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_443	10.14	13.12	15.15	15.63	15.44	17.04	18.36	18.70	**19.15**	17.76	18.17	16.68	15.06	15.49	12.25	12.46	10.00	10.24	10.46	7.44
NC_444	1.09	1.17	1.32	1.38	1.31	1.18	1.34	**1.41**	1.31	0.96	0.81	0.64	0.55	0.55	0.38	0.36	0.28	0.29	0.29	0.21
NC_445	0.42	0.48	0.59	0.62	0.58	0.54	0.65	**0.72**	0.68	0.51	0.44	0.36	0.31	0.31	0.21	0.21	0.16	0.16	0.16	0.11
NC_446	2.14	2.32	2.38	**2.53**	2.41	2.09	2.28	2.34	2.16	1.51	1.29	0.96	0.83	0.83	0.56	0.54	0.42	0.43	0.43	0.31
NC_447	1.52	1.66	1.78	**1.90**	1.80	1.58	1.79	1.89	1.73	1.24	1.07	0.81	0.70	0.71	0.48	0.46	0.35	0.36	0.37	0.26
NC_448	1.76	2.57	3.13	3.28	3.24	3.40	3.82	3.96	**4.09**	3.12	2.84	2.43	2.07	2.13	1.50	1.45	1.11	1.13	1.15	0.80
NC_449	2.58	3.38	3.81	3.90	3.73	3.70	4.16	4.20	**4.27**	3.27	2.78	2.31	1.99	2.01	1.39	1.34	1.03	1.05	1.07	0.76
NC_450	2.38	3.37	4.04	4.21	4.07	4.14	4.72	4.81	**4.97**	3.74	3.31	2.76	2.37	2.43	1.67	1.61	1.22	1.25	1.27	0.88
NC_451	2.22	3.11	3.68	3.82	3.66	3.69	4.24	4.35	**4.49**	3.37	2.96	2.47	2.12	2.16	1.48	1.43	1.09	1.11	1.13	0.79
NC_452	1.79	2.65	3.34	3.92	4.41	5.55	6.34	7.07	**7.35**	7.13	6.71	7.02	7.09	6.22	5.04	5.93	5.27	5.54	5.83	4.42
NC_453	1.18	1.30	1.40	1.50	1.42	1.25	1.47	**1.59**	1.45	1.08	0.93	0.74	0.64	0.64	0.44	0.43	0.33	0.34	0.34	0.24
NC_454	0.73	0.98	1.15	1.21	1.24	1.31	1.44	1.47	**1.52**	1.19	1.08	0.93	0.79	0.82	0.58	0.56	0.43	0.44	0.44	0.31
NC_455	1.16	1.67	1.97	2.05	2.02	2.13	2.38	2.51	**2.58**	1.97	1.77	1.52	1.29	1.33	0.93	0.90	0.68	0.70	0.71	0.49
NC_456	1.75	1.96	1.88	**2.06**	1.96	1.65	1.84	1.90	1.70	1.17	1.00	0.74	0.64	0.64	0.43	0.42	0.32	0.33	0.33	0.24
NC_457	57.85	83.66	105.18	123.30	138.90	177.79	205.96	230.39	**245.19**	235.34	224.57	227.16	218.27	189.31	161.94	193.42	169.28	179.29	188.89	133.96
NC_458	21.64	29.45	35.72	40.44	44.29	52.24	57.31	67.14	**69.90**	67.02	63.62	66.24	62.35	57.27	46.84	52.04	49.16	50.24	55.58	38.82
NC_459	0.78	0.91	0.85	**0.94**	0.89	0.76	0.84	0.87	0.79	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_460	0.79	0.91	0.85	**0.95**	0.90	0.76	0.86	0.89	0.80	0.52	0.45	0.33	0.29	0.28	0.19	0.19	0.14	0.15	0.15	0.11
NC_461	2.14	2.44	2.74	2.72	2.60	2.49	2.67	**2.76**	2.72	2.02	1.68	1.34	1.16	1.17	0.80	0.77	0.59	0.60	0.61	0.44
NC_462	2.06	2.29	2.36	**2.54**	2.41	2.09	2.36	2.45	2.24	1.58	1.36	1.02	0.88	0.88	0.60	0.57	0.44	0.45	0.46	0.32
NC_463	2.43	2.63	2.75	**2.91**	2.77	2.42	2.65	2.73	2.53	1.79	1.53	1.15	1.00	1.00	0.68	0.65	0.50	0.51	0.52	0.37
NC_464	0.46	0.52	0.58	0.63	0.60	0.52	0.63	**0.69**	0.61	0.45	0.39	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.10
NC_465	1.76	1.95	1.97	**2.14**	2.03	1.73	1.96	2.04	1.82	1.29	1.11	0.83	0.72	0.72	0.49	0.47	0.36	0.37	0.37	0.27
NC_466	12.43	17.44	24.28	29.80	33.71	41.49	45.80	45.32	**45.96**	36.45	38.57	33.95	30.31	31.05	22.95	22.31	17.66	17.93	18.22	12.79
NC_467	0.36	0.41	0.50	0.52	0.49	0.46	0.55	**0.61**	0.58	0.43	0.37	0.30	0.25	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_468	0.99	1.14	1.09	**1.23**	1.16	0.96	1.14	1.20	1.06	0.73	0.63	0.47	0.41	0.41	0.28	0.27	0.21	0.21	0.21	0.15
NC_469	1.56	1.80	2.06	2.08	1.98	1.88	2.09	**2.18**	2.17	1.60	1.35	1.08	0.93	0.94	0.64	0.62	0.48	0.49	0.49	0.35
NC_470	2.40	3.23	3.84	4.08	4.08	4.28	4.72	4.68	**4.83**	3.75	3.57	3.05	2.60	2.71	1.94	1.89	1.45	1.49	1.51	1.06
NC_471	0.79	0.91	0.85	**0.94**	0.89	0.76	0.85	0.88	0.80	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.11
NC_472	0.63	0.76	0.89	0.90	0.85	0.86	0.98	**1.10**	1.09	0.82	0.70	0.59	0.51	0.51	0.35	0.34	0.26	0.27	0.27	0.19
NC_473	0.82	0.95	0.88	**1.00**	0.95	0.79	0.92	0.95	0.86	0.57	0.49	0.36	0.31	0.31	0.21	0.20	0.16	0.16	0.16	0.12
NC_474	0.36	0.41	0.50	0.52	0.49	0.46	0.55	**0.61**	0.58	0.43	0.36	0.30	0.25	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_475	0.80	0.93	0.87	**0.95**	0.90	0.77	0.85	0.88	0.80	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_476	0.53	0.60	0.64	0.71	0.66	0.57	0.69	**0.74**	0.65	0.47	0.40	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_477	0.69	0.79	0.76	**0.86**	0.81	0.66	0.80	0.84	0.75	0.51	0.44	0.33	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_478	1.52	1.70	1.63	**1.80**	1.71	1.43	1.61	1.66	1.49	1.02	0.87	0.64	0.56	0.56	0.38	0.36	0.28	0.29	0.29	0.21
NC_479	2.43	2.63	2.67	**2.84**	2.70	2.34	2.53	2.58	2.39	1.67	1.43	1.06	0.92	0.92	0.62	0.60	0.46	0.47	0.48	0.34
NC_480	1.33	1.53	1.43	**1.57**	1.48	1.27	1.40	1.44	1.30	0.85	0.74	0.54	0.47	0.47	0.32	0.31	0.24	0.24	0.24	0.18
NC_481	0.54	0.76	0.88	0.92	0.93	0.99	1.09	1.15	**1.19**	0.92	0.82	0.71	0.61	0.62	0.44	0.42	0.32	0.33	0.34	0.23
NC_482	1.64	1.84	1.77	**1.96**	1.86	1.55	1.76	1.81	1.62	1.12	0.96	0.71	0.61	0.61	0.42	0.40	0.31	0.32	0.32	0.23
NC_483	12.92	17.38	24.05	29.50	33.49	41.79	46.59	46.42	**47.19**	37.95	39.58	35.43	31.86	32.12	24.05	23.64	18.63	19.02	19.31	13.57
NC_484	2.36	3.06	3.67	4.42	4.96	6.11	6.65	6.62	**6.73**	5.86	6.07	5.48	4.95	4.62	3.38	3.64	3.24	3.32	3.39	2.41
NC_485	4.05	5.41	6.40	6.86	6.89	7.21	7.90	7.88	**8.07**	6.29	6.59	5.69	4.91	5.01	3.78	3.80	3.01	3.08	3.12	2.20
NC_486	0.94	1.08	1.02	**1.16**	1.09	0.89	1.07	1.11	1.00	0.67	0.58	0.43	0.37	0.37	0.25	0.24	0.19	0.19	0.19	0.14
NC_487	0.96	1.11	1.05	**1.12**	1.06	0.92	0.99	1.02	0.92	0.59	0.51	0.37	0.32	0.32	0.22	0.21	0.16	0.17	0.17	0.12
NC_488	1.82	2.68	3.39	3.98	4.47	5.63	6.46	7.40	**7.79**	7.69	7.30	7.52	7.59	6.53	5.34	6.49	5.73	6.07	6.50	4.88
NC_489	1.04	1.19	1.13	**1.28**	1.21	1.00	1.18	1.24	1.10	0.76	0.65	0.49	0.42	0.42	0.29	0.28	0.21	0.22	0.22	0.16
NC_490	0.96	1.11	1.05	**1.13**	1.07	0.92	1.00	1.03	0.94	0.60	0.52	0.38	0.33	0.33	0.22	0.21	0.17	0.17	0.17	0.12
NC_491	0.99	1.14	1.08	**1.15**	1.09	0.95	1.03	1.06	0.96	0.61	0.53	0.39	0.34	0.33	0.23	0.22	0.17	0.17	0.18	0.13
NC_492	13.46	18.61	22.92	26.59	29.20	34.83	37.98	37.70	**38.34**	32.37	33.83	30.54	27.32	26.17	20.36	20.83	17.24	17.66	17.96	12.70
NC_493	1.43	1.60	1.59	**1.74**	1.65	1.39	1.59	1.65	1.48	1.03	0.88	0.66	0.57	0.57	0.39	0.37	0.29	0.29	0.30	0.21
NC_494	1.50	1.67	1.62	**1.78**	1.69	1.42	1.60	1.65	1.48	1.02	0.87	0.64	0.56	0.56	0.38	0.36	0.28	0.29	0.29	0.21
NC_495	0.64	0.74	0.73	**0.82**	0.77	0.64	0.77	0.82	0.73	0.50	0.43	0.33	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_496	0.76	0.88	0.82	**0.92**	0.87	0.73	0.83	0.86	0.78	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_497	0.49	0.73	0.86	0.91	0.92	0.97	1.07	1.11	**1.15**	0.89	0.80	0.69	0.59	0.60	0.42	0.41	0.31	0.32	0.32	0.22
NC_498	0.96	1.10	1.03	**1.17**	1.10	0.91	1.07	1.12	1.00	0.67	0.58	0.43	0.37	0.37	0.25	0.24	0.19	0.19	0.19	0.14
NC_499	21.62	29.43	35.72	40.50	44.41	52.46	57.30	67.30	**70.15**	67.32	63.95	66.51	62.63	57.74	47.27	52.32	49.47	50.56	55.90	39.05
NC_500	1.48	2.00	2.27	2.34	2.22	2.16	2.52	2.62	**2.68**	1.98	1.70	1.40	1.21	1.22	0.83	0.80	0.61	0.63	0.63	0.44
NC_501	2.44	2.64	2.72	**2.89**	2.75	2.39	2.59	2.65	2.45	1.72	1.47	1.09	0.95	0.95	0.64	0.62	0.48	0.49	0.49	0.35
NC_502	57.92	83.77	105.31	123.45	139.05	177.99	206.17	230.55	**245.30**	235.34	224.57	227.07	218.18	189.53	161.78	193.18	169.10	179.15	188.76	133.87
NC_503	1.75	1.96	1.85	**2.01**	1.91	1.63	1.76	1.80	1.62	1.10	0.95	0.69	0.60	0.60	0.41	0.39	0.30	0.31	0.32	0.23
NC_504	1.23	1.50	1.73	1.79	1.70	1.60	1.86	**1.97**	1.95	1.42	1.21	0.97	0.84	0.85	0.57	0.55	0.42	0.43	0.44	0.30
NC_505	1.06	1.17	1.29	1.37	1.30	1.15	1.35	**1.45**	1.34	0.99	0.85	0.68	0.58	0.59	0.40	0.39	0.30	0.31	0.31	0.22
NC_506	2.41	3.08	3.77	4.55	5.08	6.12	6.57	6.47	**6.57**	5.69	5.99	5.29	4.77	4.67	3.30	3.53	3.11	3.18	3.25	2.31
NC_507	3.63	3.94	3.97	**4.21**	4.01	3.48	3.73	3.80	3.53	2.45	2.10	1.55	1.35	1.35	0.91	0.88	0.68	0.70	0.71	0.51
NC_508	0.79	0.92	1.08	1.09	1.04	0.98	1.13	**1.23**	1.21	0.90	0.76	0.62	0.53	0.54	0.37	0.36	0.27	0.28	0.28	0.20
NC_509	0.64	0.86	0.99	1.02	0.96	0.95	1.12	1.22	**1.23**	0.91	0.78	0.65	0.56	0.57	0.39	0.37	0.28	0.29	0.30	0.20

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_510	2.39	2.59	2.66	**2.83**	2.69	2.33	2.54	2.60	2.39	1.67	1.44	1.06	0.92	0.92	0.63	0.60	0.47	0.48	0.48	0.35
NC_511	1.47	1.65	1.59	**1.76**	1.67	1.40	1.58	1.63	1.46	1.00	0.86	0.64	0.55	0.55	0.37	0.36	0.28	0.28	0.29	0.21
NC_512	0.97	1.12	1.04	**1.19**	1.12	0.93	1.08	1.13	1.01	0.68	0.58	0.43	0.37	0.37	0.25	0.24	0.19	0.19	0.19	0.14
NC_513	2.11	2.31	2.30	**2.46**	2.34	2.01	2.18	2.23	2.05	1.41	1.21	0.89	0.78	0.77	0.53	0.51	0.39	0.40	0.41	0.29
NC_514	1.16	1.34	1.26	**1.36**	1.29	1.11	1.21	1.24	1.12	0.73	0.63	0.46	0.40	0.40	0.27	0.26	0.20	0.21	0.21	0.15
NC_515	0.88	1.26	1.47	1.53	1.45	1.49	1.72	1.82	**1.86**	1.40	1.22	1.02	0.87	0.90	0.61	0.59	0.45	0.46	0.47	0.32
NC_516	2.31	2.50	2.54	**2.68**	2.56	2.22	2.38	2.43	2.26	1.58	1.35	1.00	0.87	0.87	0.59	0.57	0.44	0.45	0.45	0.33
NC_517	0.44	0.52	0.63	0.65	0.61	0.58	0.70	**0.78**	0.75	0.56	0.48	0.40	0.34	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_518	3.00	3.24	3.43	**3.53**	3.37	3.02	3.17	3.20	3.08	2.16	1.84	1.38	1.19	1.19	0.81	0.78	0.60	0.62	0.62	0.45
NC_519	57.99	83.87	105.43	123.59	139.21	178.19	206.36	230.68	**245.36**	235.16	224.35	226.94	218.08	189.50	161.59	192.68	168.72	178.74	188.34	133.58
NC_520	21.58	29.39	35.68	40.48	44.39	52.49	57.29	67.37	**70.24**	67.46	64.08	66.59	62.74	57.87	47.45	52.45	49.61	50.70	56.05	39.15
NC_521	0.36	0.42	0.51	0.53	0.50	0.46	0.56	**0.62**	0.59	0.43	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_522	2.07	2.29	2.27	**2.47**	2.35	1.99	2.24	2.31	2.05	1.45	1.24	0.92	0.80	0.80	0.54	0.52	0.40	0.41	0.42	0.30
NC_523	1.69	1.89	1.80	**1.98**	1.88	1.58	1.76	1.81	1.62	1.11	0.95	0.70	0.61	0.61	0.41	0.40	0.31	0.31	0.32	0.23
NC_524	13.33	18.47	22.78	26.43	29.06	34.73	38.01	37.81	**38.48**	32.53	33.87	30.73	27.47	26.28	20.55	21.04	17.38	17.81	18.11	12.81
NC_525	0.75	1.07	1.24	1.29	1.28	1.33	1.47	1.50	**1.55**	1.21	1.05	0.90	0.77	0.78	0.55	0.53	0.40	0.41	0.42	0.29
NC_526	15.74	19.90	22.45	22.94	22.09	22.52	25.04	25.48	**26.02**	20.84	22.34	19.83	17.91	19.04	14.89	15.10	12.03	12.31	12.56	8.95
NC_527	0.76	1.10	1.39	1.55	1.57	1.66	1.84	1.80	**1.87**	1.45	1.37	1.17	0.99	1.03	0.73	0.71	0.54	0.55	0.56	0.39
NC_528	1.14	1.67	2.11	2.44	2.67	3.03	**3.28**	3.22	3.26	2.58	2.72	2.26	1.96	1.99	1.50	1.46	1.13	1.16	1.18	0.82
NC_529	1.13	1.66	2.10	2.45	2.70	3.19	**3.47**	3.39	3.43	2.76	2.93	2.47	2.16	2.15	1.66	1.62	1.27	1.30	1.32	0.92
NC_530	0.88	1.02	0.94	**1.07**	1.01	0.85	0.98	1.02	0.91	0.60	0.52	0.38	0.33	0.33	0.23	0.22	0.17	0.17	0.17	0.12
NC_531	0.78	0.90	0.84	**0.96**	0.90	0.74	0.88	0.92	0.83	0.55	0.47	0.35	0.30	0.30	0.21	0.20	0.15	0.16	0.16	0.11
NC_532	58.09	84.03	105.62	123.80	139.45	178.50	206.68	230.91	**245.50**	235.08	224.23	226.77	217.92	189.59	161.91	192.73	168.49	178.55	188.01	133.35
NC_533	0.80	0.93	0.87	**0.95**	0.90	0.77	0.85	0.88	0.80	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_534	1.14	1.65	2.06	2.30	2.35	2.52	2.76	2.72	**2.83**	2.20	2.14	1.81	1.54	1.60	1.15	1.11	0.85	0.87	0.89	0.62
NC_535	58.16	84.14	105.75	123.95	139.61	178.72	206.89	231.02	**245.46**	234.74	223.82	226.49	217.66	189.80	161.84	192.39	168.24	177.93	187.39	132.92
NC_536	1.13	1.66	2.08	2.39	2.56	2.77	3.02	2.97	**3.05**	2.38	2.43	2.02	1.74	1.79	1.32	1.28	0.98	1.01	1.02	0.71
NC_537	0.82	0.95	0.89	**0.96**	0.91	0.79	0.85	0.88	0.80	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_538	3.25	3.49	3.76	**3.86**	3.69	3.32	3.50	3.55	3.40	2.41	2.05	1.54	1.33	1.33	0.90	0.87	0.67	0.69	0.70	0.50
NC_539	13.19	18.31	22.60	26.24	28.87	34.58	37.99	37.90	**38.56**	32.68	33.88	30.90	27.57	26.19	20.57	21.16	17.51	17.95	18.25	12.91
NC_540	0.79	0.91	0.85	**0.94**	0.89	0.76	0.84	0.87	0.79	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_541	2.48	3.10	4.11	5.00	5.40	6.00	6.41	6.37	**6.57**	5.45	5.86	5.13	4.69	5.01	3.22	3.37	2.94	3.00	3.06	2.18
NC_542	0.78	0.91	0.85	**0.94**	0.89	0.75	0.85	0.88	0.79	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_543	3.71	4.06	4.44	**4.45**	4.26	3.94	4.06	4.07	4.03	2.86	2.42	1.83	1.59	1.59	1.08	1.04	0.80	0.82	0.83	0.60
NC_544	0.63	0.70	0.78	0.85	0.80	0.70	0.84	**0.92**	0.82	0.61	0.52	0.41	0.35	0.36	0.24	0.24	0.18	0.18	0.19	0.13
NC_545	0.90	0.99	1.19	1.23	1.16	1.08	1.27	**1.39**	1.34	1.00	0.85	0.70	0.60	0.61	0.42	0.41	0.31	0.32	0.32	0.23
NC_546	0.49	0.56	0.68	0.72	0.67	0.62	0.76	**0.84**	0.80	0.60	0.52	0.43	0.37	0.37	0.26	0.25	0.19	0.19	0.20	0.14
NC_547	0.40	0.43	0.53	0.57	0.53	0.48	0.58	**0.64**	0.59	0.44	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_548	0.92	1.00	1.00	**1.06**	1.01	0.87	0.94	0.96	0.88	0.61	0.52	0.38	0.33	0.33	0.23	0.22	0.17	0.17	0.17	0.13
NC_549	0.67	0.77	0.73	**0.83**	0.79	0.64	0.77	0.81	0.73	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_550	0.92	1.01	1.19	1.25	1.18	1.07	1.26	**1.36**	1.27	0.93	0.79	0.63	0.54	0.54	0.37	0.36	0.27	0.28	0.28	0.20
NC_551	1.22	1.52	1.75	1.80	1.70	1.62	1.89	2.02	**2.03**	1.49	1.28	1.05	0.90	0.92	0.62	0.60	0.46	0.47	0.48	0.33
NC_552	1.43	1.59	1.62	**1.77**	1.67	1.43	1.64	1.72	1.54	1.09	0.94	0.70	0.61	0.61	0.41	0.40	0.31	0.31	0.32	0.23
NC_553	1.19	1.28	1.44	1.51	1.43	1.29	1.45	**1.53**	1.42	1.05	0.88	0.69	0.60	0.60	0.41	0.39	0.30	0.31	0.31	0.22
NC_554	0.38	0.45	0.54	0.57	0.53	0.50	0.60	**0.66**	0.63	0.47	0.40	0.33	0.28	0.29	0.20	0.19	0.14	0.15	0.15	0.10
NC_555	6.68	7.30	7.71	**7.97**	7.61	6.81	7.25	7.34	7.00	4.94	4.21	3.16	2.74	2.74	1.86	1.79	1.38	1.41	1.43	1.03
NC_556	0.49	0.55	0.60	0.66	0.62	0.54	0.66	**0.71**	0.63	0.46	0.40	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_557	0.83	0.96	0.90	**1.02**	0.97	0.79	0.94	0.99	0.88	0.59	0.51	0.38	0.33	0.33	0.22	0.21	0.16	0.17	0.17	0.12
NC_558	13.17	18.30	22.60	26.26	28.95	34.89	38.72	38.89	**39.61**	33.73	34.54	31.98	28.52	26.54	21.03	21.83	18.24	18.71	19.01	13.45
NC_559	7.07	7.85	8.39	**8.55**	8.17	7.45	7.83	7.85	7.70	5.43	4.60	3.50	3.04	3.03	2.06	1.98	1.53	1.56	1.59	1.14
NC_560	1.85	2.73	3.45	4.05	4.56	5.76	6.63	7.73	**8.16**	8.16	7.79	7.92	8.01	6.87	5.61	6.94	6.14	6.52	7.02	5.25
NC_561	8.10	9.14	9.83	**9.92**	9.49	8.77	9.16	9.12	9.07	6.44	5.46	4.18	3.63	3.62	2.46	2.37	1.83	1.87	1.89	1.36
NC_562	1.42	1.62	1.51	**1.68**	1.59	1.35	1.50	1.55	1.39	0.92	0.80	0.58	0.51	0.51	0.34	0.33	0.26	0.26	0.26	0.19
NC_563	1.03	1.18	1.11	**1.26**	1.19	0.98	1.15	1.20	1.07	0.72	0.62	0.46	0.40	0.40	0.27	0.26	0.20	0.21	0.21	0.15
NC_564	1.18	1.27	1.40	**1.47**	1.40	1.25	1.40	1.46	1.34	0.98	0.83	0.64	0.55	0.56	0.38	0.36	0.28	0.29	0.29	0.21
NC_565	0.80	0.93	0.87	**0.95**	0.90	0.77	0.85	0.88	0.80	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_566	0.89	1.03	0.96	**1.06**	1.01	0.85	0.96	0.99	0.90	0.58	0.50	0.37	0.32	0.32	0.21	0.21	0.16	0.16	0.17	0.12
NC_567	0.76	0.89	0.82	**0.92**	0.87	0.73	0.83	0.86	0.78	0.50	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_568	0.55	0.63	0.65	0.72	0.68	0.57	0.70	**0.74**	0.65	0.47	0.40	0.31	0.26	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_569	0.67	0.73	0.78	**0.82**	0.78	0.69	0.76	0.78	0.73	0.51	0.44	0.33	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_570	0.60	0.68	0.69	0.77	0.73	0.61	0.74	**0.79**	0.70	0.49	0.42	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_571	21.75	29.65	36.10	41.38	46.00	55.14	59.86	68.70	**72.07**	69.91	66.69	68.56	65.00	60.51	50.24	55.05	52.08	53.22	58.60	40.98
NC_572	0.89	0.96	1.11	1.17	1.11	1.00	1.17	**1.27**	1.19	0.89	0.76	0.61	0.52	0.53	0.36	0.35	0.27	0.27	0.28	0.20
NC_573	8.59	10.23	10.97	**11.00**	10.54	9.95	10.38	10.15	10.29	7.51	6.29	4.93	4.28	4.28	2.91	2.80	2.16	2.21	2.24	1.61
NC_574	37.10	51.30	62.91	72.47	80.34	98.92	112.47	117.66	**122.34**	113.84	106.13	112.16	105.58	95.44	78.20	86.44	78.97	80.81	86.69	60.80
NC_575	8.03	10.99	13.11	13.76	13.45	13.81	15.59	15.84	**16.33**	12.35	11.08	9.25	7.95	8.20	5.67	5.46	4.17	4.27	4.33	3.02
NC_576	0.71	0.82	0.78	**0.88**	0.83	0.68	0.82	0.86	0.77	0.51	0.44	0.33	0.28	0.28	0.19	0.19	0.14	0.15	0.15	0.11
NC_577	12.30	17.04	23.15	28.20	32.06	40.33	45.82	46.36	**47.09**	39.01	39.60	36.79	33.48	32.19	24.46	25.03	19.97	20.60	20.67	14.54
NC_578	0.54	0.62	0.64	0.71	0.67	0.57	0.69	**0.74**	0.65	0.47	0.40	0.31	0.26	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_579	0.84	0.92	1.12	1.17	1.10	1.01	1.20	**1.31**	1.24	0.91	0.78	0.62	0.53	0.54	0.37	0.35	0.27	0.28	0.28	0.19
NC_580	0.87	1.01	0.96	**1.02**	0.97	0.84	0.91	0.94	0.85	0.54	0.47	0.34	0.30	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_581	12.32	15.37	17.29	17.54	16.93	16.44	**17.57**	17.05	17.22	12.98	11.06	8.98	7.81	7.85	5.38	5.21	4.06	4.09	4.15	2.97
NC_582	0.37	0.42	0.51	0.54	0.50	0.47	0.56	**0.62**	0.59	0.43	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_583	0.91	1.04	1.00	**1.13**	1.07	0.88	1.05	1.10	0.98	0.67	0.58	0.43	0.37	0.37	0.25	0.24	0.19	0.19	0.19	0.14
NC_584	0.71	0.82	0.77	**0.88**	0.83	0.68	0.82	0.85	0.77	0.51	0.44	0.33	0.28	0.28	0.19	0.18	0.14	0.15	0.15	0.10
NC_585	13.03	18.13	22.41	26.06	28.75	34.72	38.66	38.93	**39.65**	33.90	34.54	32.18	28.64	26.48	21.01	21.98	18.41	18.87	19.18	13.57
NC_586	9.26	11.23	**12.12**	12.10	11.61	11.07	11.53	11.23	11.48	8.45	7.07	5.58	4.85	4.85	3.29	3.17	2.45	2.50	2.54	1.82
NC_587	17.88	24.72	30.40	35.09	38.92	47.62	53.45	54.34	**55.33**	47.87	47.47	45.38	40.47	36.70	29.80	31.93	26.72	27.42	27.91	20.03
NC_588	2.40	2.66	2.57	**2.81**	2.67	2.26	2.51	2.57	2.32	1.59	1.37	1.01	0.87	0.87	0.59	0.57	0.44	0.45	0.46	0.33
NC_589	0.95	1.04	1.22	1.28	1.21	1.10	1.28	**1.39**	1.30	0.95	0.81	0.64	0.55	0.56	0.38	0.37	0.28	0.29	0.29	0.20
NC_590	2.72	2.91	3.38	3.46	3.30	3.08	3.42	**3.61**	3.44	2.59	2.16	1.75	1.51	1.53	1.05	1.01	0.78	0.80	0.81	0.58
NC_591	11.49	14.67	16.84	17.57	17.17	17.02	**18.23**	17.62	17.73	13.58	11.76	9.65	8.39	8.50	5.87	5.66	4.41	4.47	4.53	3.24
NC_592	0.90	1.03	0.98	**1.11**	1.05	0.86	1.02	1.07	0.96	0.65	0.56	0.41	0.36	0.36	0.24	0.23	0.18	0.18	0.19	0.13
NC_593	37.08	51.27	62.88	72.43	80.31	98.90	112.47	117.76	**122.43**	113.98	106.30	112.31	105.67	95.69	78.41	86.58	79.12	80.98	86.85	60.92
NC_594	0.42	0.47	0.55	0.59	0.56	0.49	0.60	**0.66**	0.60	0.44	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_595	7.68	10.47	12.43	12.96	12.63	12.95	14.64	14.94	**15.40**	11.65	10.37	8.68	7.44	7.65	5.30	5.10	3.89	3.98	4.04	2.83
NC_596	1.52	1.68	1.73	**1.88**	1.78	1.53	1.74	1.82	1.65	1.17	1.00	0.76	0.65	0.66	0.44	0.43	0.33	0.34	0.34	0.24
NC_597	0.83	0.97	0.92	**0.97**	0.92	0.80	0.86	0.89	0.81	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.11
NC_598	56.99	82.47	103.54	121.28	136.58	174.86	202.04	223.80	**235.46**	222.37	211.28	214.92	206.34	183.06	154.55	180.45	158.53	165.65	174.34	123.28
NC_599	1.64	1.84	1.76	**1.94**	1.84	1.55	1.73	1.77	1.60	1.09	0.94	0.69	0.60	0.60	0.40	0.39	0.30	0.31	0.31	0.22
NC_600	9.92	12.22	**13.32**	13.29	12.76	12.27	12.84	12.51	12.73	9.50	7.95	6.33	5.50	5.51	3.74	3.60	2.78	2.84	2.88	2.07
NC_601	37.06	51.24	62.84	72.40	80.28	98.87	112.46	117.85	**122.50**	114.09	106.45	112.42	105.80	95.86	78.61	86.72	79.27	81.12	87.00	61.02
NC_602	2.28	2.48	2.67	**2.84**	2.69	2.37	2.67	2.80	2.57	1.84	1.57	1.20	1.03	1.04	0.70	0.68	0.52	0.53	0.54	0.38
NC_603	37.47	51.88	63.75	73.68	82.16	103.10	118.82	126.69	**131.20**	122.97	115.77	120.81	115.07	104.71	88.46	97.50	88.02	90.46	96.46	67.77
NC_604	47.52	68.22	85.91	100.73	113.31	142.57	161.67	168.20	**171.90**	154.49	149.50	152.79	146.47	137.45	112.72	123.95	108.59	111.69	118.11	83.12
NC_605	58.61	84.87	106.60	124.89	140.65	180.06	208.09	231.01	**243.44**	230.52	219.08	222.77	214.15	189.58	160.15	187.14	164.82	172.30	181.50	128.62
NC_606	37.37	51.75	63.62	73.57	82.09	103.01	118.66	126.86	**131.39**	123.26	115.99	121.01	115.25	104.51	88.33	98.07	88.17	90.64	96.82	68.02
NC_607	37.54	51.97	63.85	73.77	82.22	103.17	118.94	126.64	**131.14**	122.88	115.73	120.74	115.04	104.62	88.04	97.65	88.10	90.33	96.33	67.68
NC_608	11.53	13.86	15.08	**15.15**	14.53	13.83	14.48	14.09	14.26	10.46	8.83	6.98	6.07	6.07	4.15	4.07	3.07	3.14	3.18	2.28
NC_609	8.98	11.39	12.96	13.22	12.83	12.58	**13.46**	13.03	13.16	10.05	8.55	7.05	6.13	6.19	4.21	4.06	3.19	3.35	3.25	2.33
NC_610	47.31	68.07	85.71	100.50	113.06	142.25	161.45	168.59	**172.48**	155.19	149.80	153.35	147.04	137.36	113.23	124.58	109.07	112.43	118.87	83.66
NC_611	1.31	1.51	1.40	**1.57**	1.48	1.25	1.41	1.46	1.31	0.87	0.75	0.55	0.48	0.48	0.32	0.31	0.24	0.25	0.25	0.18
NC_612	2.86	3.11	3.40	**3.51**	3.34	3.02	3.30	3.42	3.28	2.33	1.99	1.52	1.31	1.32	0.89	0.86	0.66	0.68	0.69	0.49
NC_613	1.63	1.80	1.83	**1.99**	1.88	1.61	1.83	1.90	1.71	1.21	1.04	0.78	0.67	0.67	0.46	0.44	0.34	0.35	0.35	0.25
NC_614	1.43	1.85	2.11	2.17	2.05	1.97	2.30	2.41	**2.45**	1.80	1.55	1.26	1.08	1.10	0.75	0.72	0.55	0.56	0.57	0.40
NC_615	0.59	0.67	0.70	0.78	0.73	0.62	0.74	**0.79**	0.70	0.49	0.42	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_616	37.34	51.64	63.37	73.05	81.12	100.65	115.41	120.99	**125.89**	117.28	109.92	115.48	109.36	98.82	83.02	90.97	82.54	84.47	90.39	63.44
NC_617	0.88	1.00	0.97	**1.09**	1.03	0.85	1.02	1.07	0.95	0.66	0.57	0.43	0.37	0.37	0.25	0.24	0.19	0.19	0.19	0.14
NC_618	0.76	0.88	0.81	**0.91**	0.86	0.73	0.83	0.86	0.78	0.50	0.43	0.32	0.28	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_619	47.27	68.08	85.72	100.51	113.06	142.22	161.32	168.10	**171.88**	154.59	149.41	152.80	146.52	137.23	112.88	123.98	108.50	111.85	118.28	83.24
NC_620	57.02	82.51	103.59	121.34	136.65	174.95	202.12	223.78	**235.17**	221.90	210.77	214.51	205.96	183.22	154.12	180.05	158.10	165.02	173.71	122.83
NC_621	58.55	84.77	106.48	124.76	140.50	179.86	207.90	230.94	**243.62**	230.93	219.54	223.16	214.57	189.67	160.19	187.68	165.23	172.92	182.13	129.06
NC_622	0.53	0.72	0.82	0.85	0.83	0.87	0.98	1.04	**1.07**	0.82	0.71	0.60	0.52	0.53	0.37	0.35	0.27	0.27	0.28	0.19
NC_623	37.26	51.56	63.29	73.02	81.18	100.97	116.14	123.09	**127.69**	119.64	112.46	117.48	111.40	100.74	84.27	94.17	85.00	86.99	92.95	65.25
NC_624	0.88	1.02	0.96	**1.04**	0.99	0.85	0.93	0.96	0.87	0.56	0.48	0.35	0.30	0.30	0.21	0.20	0.15	0.16	0.16	0.11
NC_625	2.35	3.02	3.38	3.45	3.31	3.26	3.63	3.64	**3.67**	2.83	2.40	2.00	1.72	1.75	1.21	1.17	0.90	0.92	0.93	0.67
NC_626	18.02	24.90	30.59	35.29	39.12	47.83	53.64	54.36	**55.32**	47.74	47.52	45.33	40.36	36.68	29.73	31.81	26.58	27.25	27.74	19.91
NC_627	0.43	0.47	0.56	0.60	0.57	0.51	0.62	**0.68**	0.62	0.46	0.39	0.31	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_628	0.45	0.50	0.57	0.62	0.58	0.51	0.62	**0.67**	0.60	0.45	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_629	37.33	51.64	63.37	73.06	81.15	100.75	115.74	121.65	**126.49**	118.01	110.80	116.13	110.03	99.57	84.05	91.97	83.31	85.25	91.19	64.01
NC_630	1.10	1.44	1.66	1.71	1.62	1.57	1.86	1.98	**2.00**	1.48	1.28	1.06	0.90	0.93	0.63	0.61	0.46	0.48	0.48	0.33
NC_631	0.84	**0.97**	0.92	**0.97**	0.92	0.81	0.86	0.89	0.81	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.15	0.15	0.11
NC_632	0.78	0.90	0.84	**0.94**	0.89	0.75	0.85	0.88	0.80	0.52	0.44	0.33	0.28	0.28	0.19	0.18	0.14	0.15	0.15	0.11
NC_633	0.81	0.94	0.88	**0.96**	0.91	0.78	0.87	0.90	0.81	0.52	0.45	0.33	0.28	0.28	0.19	0.19	0.14	0.15	0.15	0.11
NC_634	11.51	14.98	17.46	18.59	18.50	18.63	**20.02**	19.37	19.43	15.04	13.32	10.97	9.55	9.64	6.77	6.53	5.04	5.14	5.21	3.71
NC_635	14.82	19.77	23.49	25.57	26.20	27.49	**29.87**	29.46	29.83	23.47	25.35	23.02	20.73	21.41	16.96	17.44	14.04	14.40	14.67	10.44
NC_636	0.67	0.77	0.74	**0.84**	0.79	0.65	0.78	0.82	0.73	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_637	12.85	17.93	22.19	25.84	28.60	34.81	39.35	40.14	**40.93**	35.47	35.36	33.76	29.93	27.04	21.66	23.29	19.60	20.11	20.44	14.47
NC_638	1.71	1.91	1.86	**2.04**	1.94	1.63	1.85	1.91	1.70	1.19	1.02	0.76	0.66	0.66	0.45	0.43	0.33	0.34	0.34	0.25
NC_639	6.21	8.53	10.12	10.54	10.29	10.55	11.90	12.13	**12.53**	9.48	8.42	7.06	6.06	6.22	4.30	4.14	3.16	3.23	3.28	2.30
NC_640	0.46	0.66	0.76	0.80	0.79	0.84	0.93	0.98	**1.02**	0.78	0.68	0.59	0.50	0.51	0.36	0.34	0.26	0.27	0.27	0.19
NC_641	0.83	0.96	0.91	**0.97**	0.91	0.80	0.86	0.89	0.81	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.11
NC_642	7.50	10.19	12.33	13.92	15.08	17.39	**18.94**	18.47	18.48	14.21	14.33	12.25	10.77	10.56	8.33	8.26	6.53	6.69	6.84	5.33
NC_643	0.82	0.95	0.90	**0.96**	0.91	0.79	0.86	0.88	0.80	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_644	12.46	14.31	15.71	**15.83**	15.13	14.13	15.01	15.07	15.07	10.87	9.21	7.13	6.18	6.20	4.21	4.06	3.12	3.19	3.24	2.31
NC_645	0.72	0.82	0.80	**0.91**	0.86	0.71	0.85	0.90	0.80	0.55	0.47	0.36	0.31	0.31	0.21	0.20	0.15	0.16	0.16	0.11
NC_646	0.37	0.42	0.51	0.54	0.50	0.47	0.56	**0.62**	0.59	0.43	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_647	0.82	0.96	0.89	**0.98**	0.93	0.79	0.88	0.91	0.83	0.53	0.46	0.33	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_648	2.66	3.03	3.41	3.46	3.30	3.11	3.43	**3.55**	3.49	2.59	2.17	1.75	1.51	1.52	1.04	1.01	0.77	0.79	0.80	0.57
NC_649	1.76	1.89	2.22	2.27	2.16	2.01	2.24	**2.38**	2.27	1.69	1.42	1.14	0.98	0.99	0.68	0.65	0.50	0.51	0.52	0.37
NC_650	37.28	51.58	63.30	73.00	81.09	100.72	115.72	121.86	**126.64**	118.26	111.05	116.32	110.16	99.51	83.40	92.33	83.59	85.54	91.48	64.22
NC_651	1.11	1.28	1.19	**1.34**	1.27	1.06	1.22	1.27	1.14	0.76	0.66	0.48	0.42	0.42	0.28	0.27	0.21	0.22	0.22	0.16
NC_652	56.95	82.42	103.47	121.19	136.47	174.63	201.50	221.53	**231.66**	217.00	205.56	210.45	202.13	181.46	151.65	175.54	153.45	159.74	168.35	119.02
NC_653	1.35	1.50	1.53	**1.67**	1.58	1.35	1.55	1.63	1.46	1.03	0.88	0.66	0.57	0.58	0.39	0.38	0.29	0.30	0.30	0.21
NC_654	1.44	1.58	1.65	**1.79**	1.69	1.46	1.67	1.76	1.59	1.13	0.97	0.73	0.64	0.64	0.43	0.42	0.32	0.33	0.33	0.23
NC_655	1.22	1.42	1.66	1.71	1.61	1.51	1.75	**1.87**	1.84	1.34	1.15	0.91	0.79	0.80	0.54	0.52	0.40	0.41	0.41	0.29

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_656	10.90	12.40	13.61	**13.77**	13.15	12.20	13.01	13.13	13.07	9.36	7.93	6.13	5.31	5.32	3.62	3.48	2.68	2.74	2.78	1.98
NC_657	37.31	51.62	63.36	73.08	81.22	101.00	116.16	122.83	**127.48**	119.32	112.15	117.25	111.21	100.43	84.86	93.73	84.66	86.64	92.59	65.00
NC_658	54.46	74.64	94.07	110.77	125.10	158.76	181.48	191.45	**196.38**	177.78	169.85	174.11	166.43	155.83	128.84	141.62	123.03	126.83	133.80	94.28
NC_659	1.28	1.41	1.48	**1.61**	1.52	1.31	1.51	1.59	1.43	1.03	0.88	0.67	0.58	0.58	0.39	0.38	0.29	0.30	0.30	0.21
NC_660	37.26	51.55	63.27	72.97	81.07	100.71	115.70	121.97	**126.72**	118.40	111.18	116.41	110.32	99.63	83.59	92.51	83.73	85.69	91.63	64.32
NC_661	1.48	1.62	1.69	**1.81**	1.72	1.50	1.69	1.75	1.57	1.15	0.97	0.75	0.65	0.65	0.44	0.43	0.33	0.34	0.34	0.25
NC_662	0.89	1.04	1.24	1.28	1.21	1.14	1.35	**1.48**	1.44	1.06	0.91	0.74	0.64	0.65	0.44	0.43	0.33	0.33	0.34	0.24
NC_663	0.66	0.76	0.73	**0.83**	0.78	0.64	0.77	0.81	0.72	0.49	0.42	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_664	2.00	2.17	2.38	**2.48**	2.36	2.11	2.32	2.43	2.30	1.64	1.40	1.07	0.92	0.93	0.63	0.60	0.46	0.47	0.48	0.34
NC_665	0.91	1.00	1.17	1.23	1.16	1.05	1.23	**1.33**	1.25	0.91	0.77	0.61	0.52	0.53	0.36	0.35	0.26	0.27	0.27	0.19
NC_666	57.01	82.51	103.59	121.32	136.62	174.84	201.71	221.68	**231.71**	216.98	205.53	210.50	202.13	181.47	152.03	175.40	153.30	159.61	168.22	118.93
NC_667	0.56	0.62	0.70	0.76	0.72	0.63	0.77	**0.84**	0.76	0.56	0.48	0.38	0.33	0.33	0.23	0.22	0.17	0.17	0.17	0.12
NC_668	0.45	0.49	0.58	0.63	0.59	0.53	0.64	**0.70**	0.64	0.47	0.41	0.33	0.28	0.28	0.19	0.19	0.14	0.14	0.15	0.10
NC_669	0.74	0.85	0.80	**0.91**	0.86	0.70	0.84	0.88	0.79	0.52	0.45	0.33	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_670	0.85	0.99	0.92	**1.03**	0.97	0.82	0.93	0.96	0.87	0.56	0.49	0.36	0.31	0.31	0.21	0.20	0.16	0.16	0.16	0.12
NC_671	0.55	0.61	0.69	0.75	0.71	0.62	0.76	**0.82**	0.74	0.55	0.47	0.37	0.32	0.32	0.22	0.21	0.16	0.17	0.17	0.12
NC_672	1.72	1.88	2.04	**2.15**	2.04	1.81	2.02	2.10	1.96	1.40	1.20	0.91	0.79	0.79	0.53	0.51	0.39	0.40	0.41	0.29
NC_673	0.92	1.07	1.00	**1.10**	1.04	0.89	0.99	1.02	0.92	0.60	0.51	0.38	0.33	0.33	0.22	0.21	0.16	0.17	0.17	0.12
NC_674	0.67	0.77	0.73	**0.83**	0.79	0.64	0.78	0.82	0.73	0.49	0.42	0.32	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_675	2.34	2.59	2.88	**2.96**	2.81	2.57	2.83	2.94	2.85	2.04	1.74	1.35	1.17	1.17	0.80	0.77	0.59	0.60	0.61	0.43
NC_676	1.58	1.72	1.94	2.02	1.92	1.73	1.95	**2.06**	1.95	1.40	1.20	0.92	0.80	0.80	0.54	0.52	0.40	0.41	0.42	0.29
NC_677	0.94	1.09	1.01	**1.14**	1.07	0.90	1.03	1.07	0.96	0.63	0.55	0.40	0.35	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_678	1.83	2.36	2.63	2.70	2.60	2.67	2.96	3.06	**3.10**	2.41	2.05	1.74	1.49	1.52	1.07	1.03	0.79	0.81	0.82	0.58
NC_679	3.78	4.21	4.67	**4.78**	4.54	4.16	4.56	4.71	4.61	3.28	2.80	2.15	1.86	1.87	1.27	1.22	0.94	0.96	0.97	0.69
NC_680	0.54	0.61	0.64	0.71	0.67	0.57	0.69	**0.74**	0.65	0.47	0.40	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_681	7.79	8.76	9.61	**9.70**	9.26	8.58	9.09	9.18	9.17	6.52	5.53	4.25	3.68	3.70	2.51	2.41	1.86	1.90	1.93	1.37
NC_682	1.28	1.38	1.59	1.68	1.59	1.43	1.65	**1.77**	1.65	1.19	1.02	0.79	0.68	0.69	0.46	0.45	0.34	0.35	0.35	0.25
NC_683	0.38	0.43	0.53	0.56	0.52	0.48	0.58	**0.64**	0.60	0.45	0.38	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_684	1.28	1.43	1.46	**1.59**	1.51	1.29	1.48	1.55	1.39	0.98	0.84	0.63	0.55	0.55	0.37	0.36	0.28	0.28	0.29	0.20
NC_685	0.51	0.57	0.63	0.68	0.64	0.56	0.67	**0.71**	0.64	0.47	0.40	0.31	0.26	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_686	7.68	10.30	12.35	13.76	14.61	16.39	**17.94**	17.52	17.57	13.23	13.20	11.14	9.74	9.68	7.49	7.39	5.85	6.01	6.11	4.82
NC_687	4.24	5.26	5.81	5.90	5.63	5.39	5.95	6.02	**6.10**	4.50	3.82	3.07	2.65	2.68	1.82	1.76	1.35	1.38	1.40	0.99
NC_688	1.83	2.04	2.07	**2.26**	2.14	1.82	2.09	2.20	1.99	1.39	1.19	0.90	0.78	0.78	0.53	0.51	0.39	0.40	0.40	0.29
NC_689	0.74	0.86	0.80	**0.92**	0.87	0.71	0.84	0.88	0.79	0.53	0.45	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_690	1.44	1.78	2.06	2.19	2.23	2.33	2.51	2.57	**2.57**	2.07	1.78	1.53	1.31	1.34	0.96	0.92	0.71	0.73	0.79	0.58
NC_691	0.54	0.60	0.69	0.75	0.71	0.63	0.76	**0.83**	0.76	0.56	0.48	0.38	0.33	0.33	0.23	0.22	0.17	0.17	0.17	0.12
NC_692	1.28	1.49	1.69	1.69	1.61	1.55	1.70	**1.78**	1.73	1.29	1.07	0.86	0.75	0.75	0.51	0.49	0.39	0.40	0.45	0.33
NC_693	2.12	2.58	2.87	2.94	2.98	3.14	3.41	3.51	**3.56**	2.84	2.49	2.15	1.83	1.89	1.36	1.31	1.01	1.04	1.10	0.80
NC_694	0.68	0.75	0.89	0.95	0.89	0.80	0.95	**1.03**	0.94	0.69	0.59	0.46	0.40	0.40	0.27	0.26	0.20	0.20	0.20	0.14
NC_695	1.53	1.62	1.90	1.95	1.86	1.73	1.94	**2.07**	1.97	1.48	1.24	1.01	0.87	0.88	0.61	0.59	0.45	0.46	0.47	0.33
NC_696	54.42	74.66	94.08	110.78	125.12	158.78	181.63	192.18	**197.25**	178.75	170.46	174.95	167.24	156.46	129.49	142.38	123.98	127.80	134.79	94.98
NC_697	1.20	1.30	1.40	**1.49**	1.41	1.25	1.41	1.47	1.35	0.98	0.83	0.65	0.56	0.56	0.38	0.37	0.28	0.29	0.29	0.21
NC_698	0.41	0.47	0.58	0.61	0.57	0.53	0.64	**0.71**	0.67	0.50	0.43	0.35	0.30	0.30	0.21	0.20	0.15	0.16	0.16	0.11
NC_699	0.80	0.93	0.87	**0.96**	0.90	0.77	0.86	0.89	0.81	0.52	0.45	0.33	0.28	0.28	0.19	0.18	0.14	0.15	0.15	0.11
NC_700	57.08	82.63	103.72	121.48	136.82	175.09	201.94	221.61	**231.09**	215.86	204.26	209.55	201.29	181.27	151.74	173.98	152.21	158.43	166.77	117.91
NC_701	11.63	14.38	15.94	**16.14**	15.43	14.77	16.00	15.85	16.12	11.82	10.11	8.05	6.97	7.04	4.78	4.60	3.53	3.61	3.66	2.61
NC_702	0.75	0.87	0.81	**0.91**	0.86	0.72	0.83	0.86	0.77	0.50	0.43	0.32	0.28	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_703	0.78	0.90	0.84	**0.94**	0.88	0.75	0.84	0.88	0.79	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_704	0.43	0.47	0.57	0.61	0.58	0.52	0.63	**0.70**	0.65	0.48	0.41	0.33	0.28	0.29	0.20	0.19	0.14	0.15	0.15	0.10
NC_705	0.53	0.58	0.71	0.76	0.71	0.65	0.79	**0.87**	0.81	0.60	0.52	0.42	0.36	0.37	0.25	0.24	0.19	0.19	0.19	0.13
NC_706	4.61	5.14	5.54	**5.59**	5.33	4.91	5.15	5.18	5.16	3.63	3.09	2.34	2.03	2.04	1.38	1.33	1.03	1.05	1.06	0.76
NC_707	1.51	1.68	1.69	**1.84**	1.75	1.48	1.69	1.77	1.58	1.11	0.95	0.71	0.62	0.62	0.42	0.40	0.31	0.32	0.32	0.23
NC_708	11.55	14.14	15.58	**15.76**	15.05	14.33	15.50	15.43	15.66	11.41	9.74	7.72	6.69	6.74	4.57	4.40	3.38	3.46	3.51	2.49
NC_709	6.17	8.25	9.81	10.66	10.88	11.31	**12.25**	12.02	12.05	9.45	8.72	7.24	6.27	6.19	4.60	4.45	3.45	3.51	3.55	2.52
NC_710	2.57	3.41	3.93	4.06	3.98	4.11	4.53	4.62	**4.71**	3.65	3.20	2.73	2.33	2.39	1.69	1.63	1.25	1.28	1.30	0.92
NC_711	0.53	0.60	0.63	0.71	0.66	0.56	0.69	**0.73**	0.64	0.47	0.40	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_712	0.68	0.79	0.74	**0.85**	0.80	0.65	0.78	0.82	0.73	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_713	1.00	1.09	1.27	1.35	1.27	1.14	1.34	**1.45**	1.35	0.98	0.84	0.66	0.57	0.58	0.39	0.38	0.29	0.29	0.30	0.21
NC_714	57.14	82.72	103.84	121.62	136.99	175.30	202.10	221.28	**230.20**	214.41	202.73	208.38	200.12	181.12	150.91	172.42	150.69	156.98	165.03	116.69
NC_715	1.35	1.56	1.84	1.88	1.78	1.67	1.93	**2.06**	2.04	1.49	1.27	1.02	0.87	0.89	0.60	0.58	0.44	0.45	0.46	0.32
NC_716	0.57	0.64	0.74	0.80	0.75	0.67	0.81	**0.89**	0.81	0.60	0.52	0.42	0.36	0.36	0.25	0.24	0.18	0.19	0.19	0.13
NC_717	1.09	1.20	1.31	1.41	1.33	1.16	1.35	**1.43**	1.30	0.94	0.80	0.61	0.53	0.53	0.36	0.35	0.27	0.27	0.28	0.19
NC_718	1.48	1.70	2.01	2.10	1.98	1.83	2.16	**2.33**	2.23	1.63	1.39	1.12	0.96	0.97	0.66	0.64	0.48	0.50	0.50	0.35
NC_719	1.71	2.23	2.63	2.86	3.51	4.61	**5.05**	4.89	4.93	3.47	3.81	3.05	2.80	2.67	2.17	2.18	1.82	1.86	1.89	1.35
NC_720	2.42	2.94	3.37	3.46	3.27	3.11	3.58	3.79	**3.80**	2.78	2.38	1.93	1.66	1.68	1.14	1.10	0.84	0.86	0.87	0.61
NC_721	0.71	0.82	0.77	**0.88**	0.83	0.68	0.81	0.85	0.76	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_722	1.23	1.36	1.43	1.56	1.47	1.27	1.48	**1.56**	1.40	1.01	0.86	0.66	0.57	0.57	0.39	0.37	0.29	0.29	0.30	0.21
NC_723	1.03	1.13	1.22	1.29	1.23	1.09	1.25	**1.34**	1.24	0.92	0.78	0.62	0.53	0.54	0.37	0.35	0.27	0.28	0.28	0.20
NC_724	0.68	0.77	0.81	0.90	0.85	0.73	0.88	**0.95**	0.83	0.61	0.52	0.41	0.35	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_725	6.55	8.68	10.23	10.97	10.98	11.21	**12.21**	12.01	12.09	9.39	8.48	7.06	6.10	6.12	4.43	4.28	3.29	3.37	3.41	2.43
NC_726	0.40	0.44	0.53	0.57	0.53	0.48	0.58	**0.64**	0.59	0.43	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_727	0.62	0.71	0.69	**0.79**	0.74	0.61	0.74	0.78	0.69	0.48	0.41	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_728	0.66	0.75	0.79	0.87	0.82	0.70	0.85	**0.92**	0.81	0.59	0.51	0.39	0.34	0.34	0.23	0.22	0.17	0.18	0.18	0.13

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_729	10.60	12.49	13.76	**13.94**	13.30	12.48	13.48	13.59	13.64	9.85	8.36	6.54	5.67	5.69	3.86	3.72	2.86	2.92	2.96	2.11
NC_730	54.80	75.23	94.86	111.64	126.58	162.39	186.51	197.98	**203.42**	184.81	175.71	180.97	173.45	162.16	134.11	147.94	128.49	132.42	139.46	98.30
NC_731	0.69	0.79	0.75	**0.85**	0.80	0.65	0.79	0.82	0.74	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_732	57.21	82.84	103.99	121.79	137.24	175.60	202.28	220.53	**228.23**	211.22	199.37	205.84	197.69	180.23	149.66	169.84	148.19	153.60	161.39	114.13
NC_733	1.08	1.17	1.33	1.40	1.33	1.20	1.37	**1.46**	1.36	1.00	0.85	0.67	0.58	0.58	0.40	0.38	0.29	0.30	0.31	0.22
NC_734	0.68	0.78	0.74	**0.85**	0.80	0.65	0.79	0.83	0.74	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_735	0.77	0.88	0.83	**0.92**	0.87	0.74	0.83	0.86	0.78	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_736	1.68	1.92	1.79	**2.01**	1.90	1.59	1.81	1.87	1.68	1.13	0.98	0.72	0.63	0.62	0.42	0.41	0.32	0.32	0.33	0.23
NC_737	4.08	4.49	4.72	**4.88**	4.65	4.16	4.47	4.55	4.37	3.06	2.62	1.97	1.71	1.71	1.16	1.12	0.86	0.88	0.89	0.64
NC_738	0.38	0.42	0.52	0.55	0.52	0.47	0.57	**0.63**	0.59	0.43	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_739	0.90	1.04	0.96	**1.09**	1.03	0.86	1.00	1.04	0.93	0.62	0.53	0.39	0.34	0.34	0.23	0.22	0.17	0.18	0.18	0.13
NC_740	4.70	6.55	8.08	9.22	9.91	10.74	**11.53**	11.22	11.27	8.93	8.94	7.45	6.43	6.63	4.89	4.75	3.66	3.80	3.80	2.68
NC_741	57.10	82.67	103.78	121.54	136.92	175.19	201.87	220.35	**228.51**	211.95	200.16	206.42	198.28	180.22	149.45	170.40	148.83	154.38	162.39	114.84
NC_742	2.11	2.29	2.37	**2.52**	2.40	2.08	2.29	2.35	2.17	1.52	1.30	0.97	0.84	0.84	0.57	0.55	0.42	0.43	0.44	0.31
NC_743	0.59	0.67	0.70	0.78	0.73	0.62	0.75	**0.80**	0.70	0.51	0.44	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_744	5.47	7.09	8.13	8.37	7.95	7.76	8.98	9.29	**9.46**	7.03	6.19	5.13	4.40	4.48	3.10	2.99	2.28	2.34	2.37	1.66
NC_745	8.52	9.86	10.92	**11.07**	10.55	9.85	10.64	10.81	10.79	7.75	6.58	5.12	4.44	4.45	3.02	2.91	2.23	2.28	2.32	1.64
NC_746	0.71	0.82	0.76	**0.87**	0.82	0.68	0.80	0.83	0.75	0.49	0.43	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_747	1.26	1.38	1.45	**1.55**	1.47	1.29	1.46	1.52	1.38	1.01	0.85	0.66	0.57	0.57	0.39	0.37	0.29	0.29	0.30	0.21
NC_748	0.61	0.70	0.69	0.78	0.73	0.61	0.74	**0.78**	0.69	0.48	0.41	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_749	5.21	6.64	7.62	7.82	7.59	7.56	8.32	8.30	**8.35**	6.42	5.57	4.68	4.02	4.09	2.87	2.77	2.14	2.18	2.21	1.58
NC_750	62.95	86.91	107.25	124.96	141.43	181.09	207.48	220.58	**226.66**	206.05	196.33	200.80	192.13	179.79	148.19	163.16	141.52	146.23	153.47	108.17
NC_751	0.73	0.84	0.78	**0.89**	0.84	0.70	0.81	0.84	0.76	0.50	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_752	1.47	1.64	1.61	**1.77**	1.68	1.41	1.61	1.66	1.48	1.03	0.88	0.65	0.57	0.57	0.38	0.37	0.28	0.29	0.30	0.21
NC_753	0.94	1.08	1.03	**1.16**	1.10	0.90	1.08	1.13	1.01	0.69	0.59	0.44	0.38	0.38	0.26	0.25	0.19	0.20	0.20	0.14
NC_754	0.63	0.85	1.00	1.07	1.09	1.16	1.27	1.30	**1.35**	1.05	0.95	0.82	0.70	0.72	0.51	0.49	0.37	0.38	0.39	0.27
NC_755	0.98	1.08	1.18	1.26	1.19	1.06	1.25	**1.36**	1.26	0.93	0.80	0.65	0.56	0.56	0.39	0.37	0.29	0.29	0.30	0.21
NC_756	63.22	87.22	107.48	124.98	141.56	181.37	207.77	220.61	**226.64**	205.86	196.29	200.55	192.07	179.98	148.49	163.47	141.42	145.88	153.12	107.93
NC_757	0.52	0.59	0.62	0.69	0.65	0.55	0.67	**0.72**	0.63	0.46	0.39	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.10
NC_758	0.61	0.70	0.69	0.78	0.73	0.61	0.73	**0.78**	0.69	0.48	0.41	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_759	0.84	0.97	0.90	**1.01**	0.96	0.80	0.92	0.95	0.86	0.56	0.48	0.36	0.31	0.31	0.21	0.20	0.16	0.16	0.16	0.11
NC_760	3.56	3.93	3.98	**4.26**	4.05	3.50	3.88	4.00	3.69	2.58	2.21	1.65	1.43	1.43	0.97	0.94	0.72	0.74	0.75	0.53
NC_761	0.43	0.47	0.55	0.60	0.56	0.50	0.60	**0.66**	0.60	0.44	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_762	1.04	1.15	1.35	1.38	1.31	1.22	1.37	**1.46**	1.40	1.03	0.87	0.69	0.60	0.60	0.41	0.39	0.30	0.31	0.31	0.22
NC_763	1.52	1.85	2.14	2.20	2.08	1.97	2.29	**2.44**	2.43	1.78	1.52	1.23	1.05	1.07	0.73	0.70	0.53	0.55	0.55	0.39
NC_764	0.46	0.51	0.58	0.63	0.59	0.52	0.63	**0.69**	0.62	0.45	0.39	0.31	0.26	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_765	1.24	1.64	1.83	1.87	1.79	1.76	1.95	1.93	**1.97**	1.51	1.26	1.04	0.89	0.90	0.62	0.59	0.46	0.47	0.47	0.34
NC_766	1.88	2.08	2.06	**2.24**	2.13	1.80	2.03	2.10	1.90	1.33	1.14	0.85	0.74	0.74	0.50	0.48	0.37	0.38	0.38	0.27
NC_767	6.42	9.18	11.50	13.38	14.79	17.84	19.93	20.10	**20.42**	17.30	17.23	15.67	13.82	12.68	10.22	10.46	8.56	8.77	8.89	6.26
NC_768	0.75	0.87	0.81	**0.91**	0.86	0.72	0.82	0.85	0.77	0.50	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_769	4.33	5.86	7.01	7.61	7.73	7.95	8.72	8.58	**8.72**	6.71	6.35	5.25	4.53	4.68	3.33	3.23	2.48	2.54	2.57	1.81
NC_770	62.72	86.67	107.09	124.94	141.31	180.84	207.21	220.45	**226.55**	206.06	196.27	200.79	192.28	179.50	147.53	163.61	141.44	146.37	153.62	108.28
NC_771	1.05	1.20	1.12	**1.27**	1.20	1.00	1.16	1.21	1.08	0.72	0.62	0.46	0.40	0.40	0.27	0.26	0.20	0.21	0.21	0.15
NC_772	0.69	0.80	0.75	**0.86**	0.81	0.66	0.79	0.83	0.74	0.49	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_773	0.55	0.63	0.65	0.73	0.68	0.58	0.70	**0.75**	0.66	0.47	0.40	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_774	3.68	4.03	4.11	**4.40**	4.18	3.61	3.99	4.13	3.79	2.66	2.28	1.71	1.48	1.48	1.01	0.97	0.75	0.76	0.77	0.55
NC_775	1.08	1.24	1.17	**1.32**	1.25	1.03	1.22	1.27	1.13	0.77	0.66	0.49	0.43	0.43	0.29	0.28	0.22	0.22	0.22	0.16
NC_776	0.74	0.84	1.00	1.05	0.99	0.91	1.09	**1.19**	1.13	0.84	0.72	0.59	0.51	0.52	0.35	0.34	0.26	0.27	0.27	0.19
NC_777	4.58	6.02	7.03	7.39	7.20	7.21	8.03	7.98	**8.16**	6.17	5.61	4.65	4.00	4.14	2.89	2.79	2.14	2.19	2.22	1.57
NC_778	0.71	0.83	0.77	**0.88**	0.83	0.68	0.80	0.84	0.76	0.50	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_779	5.20	6.73	7.71	7.91	7.64	7.84	8.71	8.88	**9.07**	6.97	6.48	5.60	4.81	5.01	3.58	3.48	2.68	2.74	2.78	1.97
NC_780	3.31	4.30	5.00	5.17	5.08	5.30	5.87	5.92	**6.09**	4.70	4.52	3.87	3.34	3.46	2.48	2.42	1.86	1.90	1.93	1.36
NC_781	0.69	0.89	1.03	1.05	0.99	1.01	1.17	1.28	**1.29**	0.96	0.83	0.69	0.59	0.60	0.41	0.40	0.30	0.31	0.31	0.22
NC_782	1.07	1.23	1.14	**1.28**	1.21	1.02	1.15	1.19	1.08	0.71	0.61	0.45	0.39	0.39	0.26	0.25	0.20	0.20	0.20	0.15
NC_783	1.01	1.10	1.26	1.34	1.26	1.12	1.31	**1.41**	1.30	0.94	0.81	0.63	0.54	0.55	0.37	0.36	0.27	0.28	0.28	0.20
NC_784	4.04	4.50	4.73	**4.92**	4.68	4.18	4.54	4.65	4.44	3.10	2.65	1.99	1.73	1.73	1.17	1.13	0.87	0.89	0.90	0.64
NC_785	2.46	3.02	3.47	3.57	3.37	3.22	3.76	4.02	**4.02**	2.97	2.55	2.09	1.79	1.81	1.24	1.20	0.92	0.94	0.95	0.66
NC_786	0.78	0.91	0.84	**0.95**	0.90	0.75	0.86	0.90	0.81	0.53	0.46	0.33	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_787	5.13	6.52	7.40	7.55	7.23	7.05	7.91	7.98	**8.16**	6.09	5.39	4.44	3.81	3.94	2.72	2.62	2.01	2.06	2.09	1.47
NC_788	0.44	0.48	0.59	0.63	0.59	0.53	0.65	**0.71**	0.66	0.49	0.42	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_789	6.50	9.29	11.63	13.52	14.93	17.95	19.97	20.06	**20.37**	17.16	17.19	15.47	13.70	12.62	10.16	10.28	8.41	8.61	8.73	6.14
NC_790	0.86	0.97	0.94	**1.05**	1.00	0.82	0.96	1.00	0.90	0.61	0.52	0.39	0.34	0.33	0.23	0.22	0.17	0.17	0.17	0.12
NC_791	1.45	1.61	1.59	**1.74**	1.65	1.40	1.58	1.64	1.47	1.02	0.88	0.65	0.56	0.56	0.38	0.37	0.28	0.29	0.29	0.21
NC_792	4.51	5.01	5.38	**5.58**	5.31	4.78	5.20	5.34	5.12	3.62	3.09	2.36	2.04	2.04	1.39	1.33	1.03	1.05	1.06	0.76
NC_793	2.39	2.59	2.71	**2.86**	2.72	2.38	2.59	2.66	2.47	1.74	1.49	1.11	0.97	0.97	0.66	0.63	0.49	0.50	0.50	0.36
NC_794	5.33	6.07	6.61	**6.78**	6.45	5.92	6.43	6.55	6.47	4.59	3.89	3.01	2.60	2.61	1.77	1.70	1.31	1.34	1.36	0.96
NC_795	0.84	0.97	0.91	**0.99**	0.93	0.81	0.88	0.91	0.83	0.53	0.45	0.33	0.29	0.29	0.19	0.19	0.15	0.15	0.15	0.11
NC_796	0.68	0.91	1.04	1.08	1.06	1.11	1.24	1.32	**1.35**	1.04	0.91	0.78	0.67	0.68	0.48	0.46	0.35	0.36	0.36	0.25
NC_797	4.73	5.33	5.91	6.01	5.72	5.31	5.87	**6.10**	6.10	4.41	3.79	3.04	2.61	2.67	1.82	1.75	1.35	1.38	1.40	0.99
NC_798	0.62	0.70	0.76	0.84	0.79	0.68	0.83	**0.90**	0.80	0.59	0.51	0.40	0.34	0.35	0.24	0.23	0.17	0.18	0.18	0.13
NC_799	0.70	0.81	0.75	**0.86**	0.81	0.67	0.79	0.83	0.74	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_800	0.52	0.58	0.65	0.71	0.67	0.58	0.70	**0.75**	0.67	0.49	0.42	0.33	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_801	0.42	0.46	0.57	0.61	0.57	0.52	0.63	**0.69**	0.64	0.47	0.41	0.33	0.28	0.28	0.19	0.19	0.14	0.15	0.15	0.10

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_802	1.75	1.89	2.13	**2.18**	2.07	1.90	2.05	2.12	2.05	1.47	1.24	0.95	0.83	0.83	0.56	0.54	0.42	0.42	0.43	0.31
NC_803	1.89	2.22	2.53	2.69	2.80	3.03	3.28	3.25	**3.33**	2.66	2.67	2.29	1.96	2.05	1.47	1.42	1.10	1.12	1.14	0.80
NC_804	1.76	1.95	1.93	**2.11**	2.00	1.70	1.92	1.98	1.77	1.24	1.07	0.79	0.69	0.69	0.46	0.45	0.35	0.35	0.36	0.26
NC_805	3.60	4.01	4.04	**4.36**	4.13	3.55	3.99	4.12	3.79	2.62	2.24	1.67	1.45	1.45	0.98	0.95	0.73	0.74	0.75	0.54
NC_806	0.86	0.99	0.93	**1.05**	1.00	0.82	0.97	1.02	0.91	0.61	0.53	0.39	0.34	0.34	0.23	0.22	0.17	0.17	0.18	0.13
NC_807	0.81	0.94	0.87	**0.99**	0.93	0.78	0.90	0.93	0.84	0.55	0.47	0.35	0.30	0.30	0.20	0.20	0.15	0.16	0.16	0.11
NC_808	0.37	0.41	0.51	0.54	0.50	0.46	0.56	**0.62**	0.58	0.43	0.37	0.30	0.25	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_809	1.35	1.48	1.53	**1.65**	1.56	1.34	1.51	1.56	1.41	1.00	0.86	0.64	0.55	0.55	0.38	0.36	0.28	0.28	0.29	0.21
NC_810	0.49	0.54	0.62	0.67	0.63	0.56	0.66	**0.71**	0.65	0.47	0.40	0.32	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_811	0.54	0.60	0.66	0.72	0.68	0.59	0.72	**0.77**	0.69	0.50	0.43	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_812	0.86	1.00	0.92	**1.05**	0.99	0.82	0.95	0.99	0.89	0.59	0.51	0.37	0.32	0.32	0.22	0.21	0.16	0.17	0.17	0.12
NC_813	0.71	0.82	0.77	**0.88**	0.83	0.68	0.81	0.84	0.76	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_814	3.56	4.02	4.46	4.58	4.35	4.01	4.52	**4.75**	4.70	3.41	2.94	2.37	2.04	2.08	1.42	1.37	1.05	1.08	1.09	0.77
NC_815	6.54	9.35	11.71	13.60	15.01	17.98	19.81	19.77	**20.07**	16.76	16.99	15.07	13.34	12.52	9.95	10.03	8.13	8.33	8.44	5.94
NC_816	0.69	0.80	0.75	**0.86**	0.81	0.66	0.79	0.83	0.74	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_817	0.83	0.97	0.90	**1.01**	0.95	0.80	0.91	0.95	0.85	0.56	0.48	0.35	0.30	0.30	0.21	0.20	0.15	0.16	0.16	0.11
NC_818	0.78	0.91	0.84	**0.95**	0.89	0.75	0.86	0.89	0.80	0.52	0.45	0.33	0.29	0.29	0.19	0.19	0.14	0.15	0.15	0.11
NC_819	0.84	0.97	0.91	**1.00**	0.94	0.80	0.89	0.92	0.84	0.54	0.46	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_820	0.74	0.86	0.80	**0.91**	0.85	0.71	0.82	0.86	0.77	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_821	0.82	0.94	0.88	**1.00**	0.95	0.78	0.92	0.96	0.86	0.58	0.50	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_822	0.81	0.94	0.87	**0.98**	0.93	0.78	0.89	0.92	0.83	0.54	0.47	0.34	0.30	0.30	0.20	0.19	0.15	0.15	0.15	0.11
NC_823	0.48	0.54	0.60	0.66	0.62	0.54	0.65	**0.71**	0.63	0.46	0.40	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_824	3.17	3.50	3.88	4.04	3.83	3.47	3.96	**4.23**	4.08	2.97	2.57	2.06	1.77	1.81	1.23	1.19	0.91	0.93	0.95	0.67
NC_825	0.63	0.69	0.81	0.87	0.82	0.73	0.89	**0.98**	0.90	0.67	0.58	0.47	0.40	0.41	0.28	0.27	0.20	0.21	0.21	0.15
NC_826	0.73	0.85	0.79	**0.91**	0.86	0.70	0.83	0.87	0.78	0.52	0.45	0.33	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.11
NC_827	6.54	9.35	11.70	13.57	14.94	17.75	19.33	19.13	**19.36**	15.96	16.50	14.38	12.66	12.16	9.53	9.51	7.66	7.84	7.95	5.60
NC_828	0.99	1.08	1.23	1.29	1.23	1.11	1.28	**1.37**	1.28	0.95	0.81	0.64	0.55	0.56	0.38	0.37	0.28	0.29	0.29	0.21
NC_829	1.37	1.72	2.07	2.35	2.44	2.62	2.85	2.80	**2.88**	2.23	2.30	1.94	1.64	1.72	1.25	1.21	0.94	0.96	0.97	0.68
NC_830	1.97	2.14	2.46	2.57	2.43	2.22	2.58	**2.83**	2.71	2.01	1.74	1.42	1.22	1.24	0.85	0.82	0.63	0.64	0.65	0.46
NC_831	0.70	0.81	0.76	**0.87**	0.82	0.67	0.80	0.83	0.75	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_832	1.26	1.65	1.99	2.17	2.19	2.32	2.58	2.53	**2.63**	2.06	1.95	1.67	1.42	1.47	1.05	1.01	0.78	0.80	0.81	0.57
NC_833	0.62	0.71	0.70	0.79	0.74	0.62	0.75	**0.79**	0.70	0.49	0.42	0.32	0.27	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_834	6.64	9.47	11.84	13.73	15.11	17.87	**19.31**	18.99	19.17	15.69	16.45	14.17	12.43	12.16	9.47	9.36	7.50	7.67	7.78	5.47
NC_835	0.79	0.87	1.03	1.08	1.02	0.99	1.14	**1.29**	1.25	0.95	0.83	0.70	0.60	0.61	0.42	0.41	0.31	0.32	0.33	0.23
NC_836	0.54	0.59	0.67	0.71	0.67	0.60	0.69	**0.73**	0.68	0.49	0.42	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_837	0.43	0.47	0.55	0.60	0.56	0.50	0.60	**0.66**	0.60	0.44	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_838	0.51	0.56	0.64	0.67	0.63	0.57	0.66	**0.70**	0.66	0.47	0.40	0.31	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_839	6.25	8.92	11.16	12.96	14.29	16.86	**18.17**	17.83	17.97	14.66	15.42	13.19	11.56	11.40	8.87	8.74	6.95	7.11	7.21	5.08
NC_840	1.19	1.62	1.85	1.91	1.84	1.92	2.16	2.26	**2.32**	1.77	1.55	1.32	1.13	1.16	0.81	0.78	0.59	0.61	0.62	0.43
NC_841	0.58	0.65	0.70	0.78	0.73	0.63	0.77	**0.83**	0.73	0.54	0.46	0.36	0.31	0.31	0.21	0.20	0.16	0.16	0.16	0.11
NC_842	1.13	1.54	1.87	2.04	2.07	2.21	2.45	2.42	**2.53**	1.96	1.92	1.64	1.39	1.45	1.04	1.01	0.78	0.79	0.81	0.56
NC_843	0.73	0.85	1.00	1.03	0.97	0.92	1.08	**1.21**	1.18	0.89	0.76	0.63	0.54	0.55	0.38	0.36	0.28	0.28	0.29	0.20
NC_844	0.75	0.86	0.83	**0.94**	0.89	0.73	0.88	0.92	0.82	0.56	0.48	0.36	0.31	0.31	0.21	0.20	0.16	0.16	0.16	0.12
NC_845	6.25	8.92	11.16	12.98	14.33	16.81	**18.08**	17.70	17.79	14.45	15.33	13.01	11.38	11.27	8.83	8.65	6.82	6.98	7.08	4.98
NC_846	2.31	2.63	3.01	3.04	2.89	2.74	3.08	**3.25**	3.24	2.41	2.05	1.67	1.44	1.46	1.00	0.97	0.74	0.76	0.77	0.55
NC_847	2.30	3.09	3.65	3.80	3.76	3.86	4.23	4.22	**4.31**	3.35	3.00	2.54	2.17	2.23	1.57	1.52	1.17	1.20	1.21	0.86
NC_848	0.54	0.60	0.66	0.73	0.68	0.59	0.72	**0.78**	0.69	0.51	0.44	0.34	0.29	0.30	0.20	0.19	0.15	0.15	0.15	0.11
NC_849	0.41	0.45	0.54	0.58	0.55	0.49	0.59	**0.65**	0.60	0.44	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_850	1.62	1.97	2.20	2.31	2.35	2.54	2.77	2.74	**2.80**	2.26	2.30	1.95	1.65	1.75	1.29	1.26	0.98	1.00	1.02	0.72
NC_851	5.12	7.34	9.22	10.71	11.78	13.76	**14.79**	14.49	14.59	11.78	12.31	10.48	9.14	9.02	6.98	6.86	5.43	5.55	5.63	3.96
NC_852	0.52	0.71	0.82	0.86	0.86	0.91	1.01	1.07	**1.10**	0.85	0.74	0.64	0.55	0.56	0.39	0.38	0.29	0.29	0.30	0.21
NC_853	0.76	0.88	0.81	**0.93**	0.87	0.72	0.85	0.89	0.80	0.53	0.45	0.33	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_854	2.01	2.65	3.00	3.08	2.96	2.98	3.33	3.37	**3.43**	2.65	2.30	1.94	1.66	1.70	1.18	1.14	0.88	0.90	0.91	0.65
NC_855	1.09	1.23	1.25	1.37	1.30	1.11	1.31	**1.41**	1.24	0.91	0.79	0.62	0.53	0.54	0.37	0.35	0.27	0.28	0.28	0.20
NC_856	0.72	0.86	1.01	1.04	0.98	0.99	1.12	**1.26**	1.24	0.94	0.81	0.69	0.59	0.60	0.42	0.40	0.31	0.31	0.32	0.22
NC_857	0.77	0.89	0.82	**0.93**	0.88	0.74	0.85	0.89	0.80	0.52	0.45	0.33	0.29	0.29	0.19	0.19	0.14	0.15	0.15	0.11
NC_858	1.54	1.69	1.96	2.01	1.94	2.08	2.29	2.41	**2.41**	1.91	1.85	1.59	1.34	1.41	1.02	0.99	0.77	0.78	0.80	0.56
NC_859	0.46	0.52	0.58	0.63	0.60	0.52	0.63	**0.69**	0.61	0.45	0.39	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_860	4.02	5.73	7.17	8.30	9.10	10.65	**11.47**	11.23	11.32	9.14	9.37	7.99	7.00	6.80	5.32	5.22	4.12	4.21	4.27	3.00
NC_861	0.74	0.86	0.79	**0.90**	0.85	0.71	0.82	0.86	0.77	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_862	1.14	1.25	1.47	1.52	1.53	1.64	1.79	**1.90**	1.89	1.50	1.37	1.19	1.01	1.05	0.74	0.72	0.55	0.57	0.57	0.40
NC_863	3.92	5.57	6.94	7.98	8.67	9.90	**10.68**	10.45	10.51	8.40	8.59	7.26	6.32	6.20	4.80	4.70	3.67	3.76	3.81	2.68
NC_864	0.74	0.86	0.80	**0.92**	0.86	0.71	0.84	0.88	0.79	0.53	0.45	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_865	0.72	0.85	0.99	1.02	0.96	0.92	1.07	**1.19**	1.17	0.88	0.75	0.62	0.53	0.54	0.37	0.36	0.27	0.28	0.28	0.20
NC_866	0.53	0.60	0.63	0.70	0.66	0.56	0.68	**0.73**	0.64	0.46	0.40	0.31	0.26	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_867	1.03	1.11	1.32	1.36	1.29	1.20	1.37	**1.47**	1.39	1.04	0.88	0.70	0.61	0.61	0.42	0.40	0.31	0.32	0.32	0.23
NC_868	2.53	3.57	4.42	5.03	5.37	5.78	**6.24**	6.11	6.18	4.89	4.80	3.98	3.42	3.47	2.59	2.51	1.93	1.98	2.01	1.41
NC_869	1.63	2.33	2.90	3.31	3.55	3.99	**4.33**	4.25	4.29	3.39	3.48	2.90	2.52	2.51	1.91	1.86	1.44	1.48	1.50	1.05
NC_870	1.60	2.29	2.87	3.30	3.58	4.14	**4.49**	4.40	4.45	3.56	3.65	3.10	2.71	2.63	2.06	2.01	1.58	1.61	1.64	1.15
NC_871	0.68	0.78	0.94	0.97	0.91	0.87	1.03	**1.14**	1.11	0.83	0.71	0.59	0.51	0.52	0.36	0.34	0.26	0.27	0.27	0.19
NC_872	1.92	2.65	3.24	3.66	3.86	4.07	**4.38**	4.29	4.32	3.41	3.27	2.71	2.33	2.38	1.74	1.69	1.30	1.33	1.35	0.95
NC_873	1.04	1.34	1.51	1.55	1.52	1.58	1.75	1.84	**1.87**	1.45	1.25	1.08	0.92	0.94	0.66	0.64	0.49	0.50	0.51	0.36
NC_874	0.59	0.68	0.68	0.76	0.72	0.60	0.73	**0.77**	0.68	0.48	0.41	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_875	1.69	2.39	2.95	3.32	3.51	3.75	4.10	4.03	**4.11**	3.21	3.20	2.66	2.29	2.33	1.72	1.67	1.29	1.32	1.34	0.94
NC_876	1.79	2.41	2.88	3.16	3.17	3.27	**3.57**	3.49	3.53	2.75	2.52	2.09	1.80	1.84	1.32	1.28	0.98	1.01	1.02	0.72
NC_877	1.75	2.46	3.00	3.32	3.34	3.52	3.88	3.84	**3.96**	3.05	2.91	2.45	2.10	2.16	1.56	1.50	1.16	1.18	1.20	0.84
NC_878	1.02	1.11	1.26	1.33	1.26	1.13	1.32	**1.42**	1.33	0.98	0.84	0.67	0.58	0.58	0.40	0.39	0.30	0.30	0.31	0.22
NC_879	1.93	2.53	2.95	3.05	2.98	3.01	3.30	3.28	**3.32**	2.56	2.24	1.88	1.61	1.64	1.15	1.11	0.85	0.87	0.88	0.63
NC_880	0.55	0.82	1.03	1.14	1.15	1.23	1.37	1.35	**1.41**	1.10	1.05	0.90	0.76	0.79	0.56	0.54	0.41	0.42	0.43	0.30
NC_881	0.79	0.91	0.85	**0.96**	0.90	0.76	0.87	0.91	0.82	0.53	0.46	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_882	0.59	0.66	0.75	0.81	0.76	0.67	0.82	**0.89**	0.81	0.60	0.51	0.41	0.35	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_883	1.87	2.57	3.02	3.14	3.13	3.25	3.59	3.64	**3.75**	2.90	2.62	2.24	1.91	1.97	1.39	1.34	1.03	1.05	1.07	0.75
NC_884	0.71	0.81	0.78	**0.88**	0.83	0.68	0.82	0.86	0.77	0.52	0.45	0.33	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_885	0.74	0.86	0.79	**0.90**	0.85	0.71	0.82	0.85	0.77	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_886	1.98	2.17	2.49	2.51	2.39	2.26	2.48	**2.61**	2.54	1.89	1.59	1.28	1.10	1.11	0.76	0.74	0.57	0.58	0.59	0.42
NC_887	1.14	1.24	1.35	1.43	1.36	1.20	1.37	**1.44**	1.32	0.97	0.82	0.64	0.55	0.56	0.38	0.37	0.28	0.29	0.29	0.21
NC_888	0.70	0.81	0.77	**0.88**	0.83	0.68	0.82	0.86	0.77	0.52	0.45	0.33	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.11
NC_889	0.41	0.45	0.54	0.58	0.54	0.49	0.59	**0.65**	0.59	0.44	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_890	0.88	1.19	1.36	1.42	1.40	1.47	1.63	1.73	**1.78**	1.37	1.20	1.03	0.88	0.90	0.63	0.60	0.46	0.47	0.48	0.33
NC_891	0.44	0.49	0.56	0.61	0.57	0.51	0.61	**0.67**	0.61	0.45	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_892	0.49	0.55	0.60	0.66	0.62	0.54	0.66	**0.71**	0.63	0.46	0.40	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_893	0.53	0.59	0.71	0.76	0.71	0.64	0.78	**0.86**	0.80	0.59	0.51	0.41	0.36	0.36	0.25	0.24	0.18	0.19	0.19	0.13
NC_894	0.62	0.70	0.77	0.85	0.80	0.69	0.84	**0.92**	0.82	0.61	0.52	0.41	0.35	0.36	0.24	0.24	0.18	0.18	0.19	0.13
NC_895	0.39	0.43	0.53	0.56	0.53	0.48	0.58	**0.64**	0.59	0.43	0.37	0.30	0.25	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_896	0.37	0.43	0.52	0.55	0.51	0.48	0.57	**0.64**	0.60	0.45	0.38	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_897	0.42	0.47	0.55	0.59	0.56	0.50	0.60	**0.66**	0.60	0.45	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.10
NC_898	0.96	1.38	1.62	1.69	1.65	1.72	1.94	2.03	**2.09**	1.59	1.40	1.18	1.01	1.03	0.72	0.69	0.52	0.54	0.55	0.38
NC_899	0.43	0.49	0.60	0.63	0.59	0.55	0.66	**0.74**	0.70	0.52	0.45	0.37	0.31	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_900	0.68	0.86	0.99	1.00	0.98	1.04	1.15	1.27	**1.28**	0.98	0.85	0.73	0.62	0.64	0.44	0.43	0.33	0.34	0.34	0.24
NC_901	0.54	0.60	0.65	0.72	0.68	0.58	0.71	**0.77**	0.68	0.50	0.42	0.33	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.10
NC_902	0.78	0.87	1.04	1.08	1.02	0.95	1.12	**1.24**	1.20	0.90	0.77	0.63	0.54	0.55	0.38	0.37	0.28	0.29	0.29	0.20
NC_903	1.40	1.83	2.08	2.15	2.09	2.19	2.47	2.62	**2.69**	2.05	1.78	1.51	1.29	1.33	0.91	0.88	0.67	0.69	0.70	0.49
NC_904	0.73	0.84	0.78	**0.89**	0.84	0.70	0.81	0.84	0.76	0.50	0.43	0.32	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_905	1.23	1.74	2.09	2.20	2.20	2.31	2.57	2.60	**2.69**	2.08	1.90	1.63	1.39	1.43	1.01	0.97	0.75	0.76	0.77	0.54
NC_906	0.41	0.47	0.57	0.60	0.57	0.52	0.63	**0.70**	0.66	0.49	0.42	0.34	0.29	0.30	0.20	0.20	0.15	0.15	0.16	0.11
NC_907	1.30	1.42	1.56	1.66	1.57	1.40	1.60	**1.70**	1.56	1.15	0.97	0.76	0.66	0.66	0.46	0.44	0.34	0.34	0.35	0.25
NC_908	1.11	1.59	2.05	2.42	2.68	3.07	**3.29**	3.22	3.23	2.71	2.98	2.55	2.27	2.34	1.80	1.77	2.36	1.86	2.77	1.31
NC_909	0.55	0.63	0.65	0.73	0.68	0.58	0.70	**0.75**	0.66	0.47	0.41	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_910	0.38	0.42	0.52	0.55	0.52	0.47	0.57	**0.63**	0.58	0.43	0.37	0.30	0.25	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_911	0.40	0.47	0.45	**0.52**	0.49	0.40	0.49	0.51	0.46	0.31	0.27	0.20	0.17	0.17	0.12	0.11	0.09	0.09	0.09	0.06
NC_912	0.67	0.78	0.74	**0.84**	0.79	0.65	0.78	0.82	0.73	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_913	2.66	2.91	3.21	**3.28**	3.12	2.85	3.08	3.18	3.10	2.20	1.88	1.43	1.24	1.24	0.84	0.81	0.62	0.64	0.65	0.46
NC_914	2.17	2.33	2.58	2.70	2.57	2.31	2.58	**2.71**	2.53	1.85	1.57	1.23	1.06	1.06	0.73	0.70	0.54	0.55	0.56	0.40
NC_915	2.12	2.31	2.48	**2.61**	2.48	2.20	2.45	2.55	2.39	1.70	1.45	1.10	0.95	0.96	0.65	0.62	0.48	0.49	0.50	0.35
NC_916	0.79	0.91	0.84	**0.96**	0.91	0.76	0.88	0.91	0.82	0.54	0.47	0.34	0.30	0.30	0.20	0.19	0.15	0.15	0.16	0.11
NC_917	0.70	1.03	1.22	1.28	1.27	1.33	1.49	1.54	**1.60**	1.23	1.09	0.93	0.79	0.81	0.56	0.54	0.41	0.42	0.43	0.30
NC_918	0.44	0.49	0.57	0.62	0.58	0.51	0.62	**0.67**	0.61	0.45	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_919	1.32	1.54	1.78	1.81	1.71	1.79	1.99	2.19	**2.19**	1.68	1.45	1.25	1.07	1.09	0.76	0.74	0.56	0.58	0.59	0.41
NC_920	2.91	3.25	3.66	3.72	3.53	3.29	3.72	**3.92**	3.91	2.87	2.46	2.01	1.73	1.77	1.21	1.17	0.90	0.92	0.93	0.66
NC_921	0.76	0.87	0.81	**0.93**	0.88	0.72	0.85	0.89	0.80	0.53	0.46	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_922	0.37	0.41	0.51	0.54	0.50	0.46	0.56	**0.62**	0.58	0.43	0.37	0.30	0.25	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_923	0.47	0.66	0.77	0.80	0.79	0.84	0.93	0.99	**1.02**	0.78	0.68	0.59	0.50	0.51	0.35	0.34	0.26	0.27	0.27	0.19
NC_924	0.38	0.41	0.51	0.55	0.51	0.47	0.57	**0.62**	0.58	0.43	0.37	0.30	0.25	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_925	2.55	3.52	4.32	4.87	5.10	5.46	5.92	5.83	**5.94**	4.65	4.79	3.99	3.44	3.56	2.63	2.56	1.99	2.03	2.06	1.45
NC_926	0.75	1.12	1.40	1.50	1.51	1.60	1.79	1.80	**1.87**	1.44	1.34	1.15	0.97	1.00	0.71	0.68	0.52	0.53	0.54	0.37
NC_927	0.42	0.46	0.55	0.59	0.56	0.50	0.61	**0.67**	0.62	0.46	0.39	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_928	0.60	0.68	0.76	0.82	0.78	0.68	0.82	**0.90**	0.81	0.60	0.51	0.41	0.35	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_929	2.29	2.54	2.86	2.98	2.82	2.59	2.99	**3.22**	3.11	2.29	1.97	1.61	1.38	1.41	0.97	0.93	0.72	0.73	0.74	0.52
NC_930	8.87	11.37	13.02	13.32	12.80	12.66	14.26	14.41	**14.70**	11.09	9.79	8.19	7.02	7.21	4.99	4.81	3.69	3.78	3.83	2.71
NC_931	0.90	1.04	0.96	**1.09**	1.03	0.86	1.00	1.04	0.93	0.62	0.53	0.39	0.34	0.34	0.23	0.22	0.17	0.17	0.18	0.13
NC_932	2.60	3.82	4.83	5.54	5.95	6.61	7.14	7.03	**7.21**	5.65	6.17	5.25	4.58	4.76	3.58	3.51	3.59	2.83	4.18	2.01
NC_933	0.73	0.84	0.78	**0.89**	0.84	0.70	0.82	0.86	0.77	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_934	0.75	0.86	0.80	**0.91**	0.86	0.71	0.83	0.87	0.78	0.51	0.44	0.33	0.28	0.28	0.19	0.18	0.14	0.15	0.15	0.11
NC_935	0.74	0.90	1.04	1.06	1.00	1.02	1.16	**1.28**	1.28	0.97	0.83	0.70	0.60	0.61	0.42	0.41	0.31	0.32	0.32	0.23
NC_936	0.78	1.17	1.49	1.72	1.80	1.94	2.13	2.10	**2.18**	1.68	1.69	1.42	1.21	1.25	0.90	0.88	0.67	0.69	0.70	0.48
NC_937	2.83	3.86	4.70	5.29	5.63	6.10	**6.58**	6.45	6.53	5.16	5.42	4.53	3.91	4.03	3.02	2.95	2.30	2.35	2.39	1.68
NC_938	1.36	1.52	1.52	**1.66**	1.58	1.33	1.53	1.59	1.42	1.00	0.85	0.64	0.55	0.55	0.37	0.36	0.28	0.28	0.29	0.20
NC_939	0.57	0.64	0.70	0.77	0.72	0.63	0.76	**0.83**	0.74	0.54	0.46	0.37	0.31	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_940	2.72	3.96	5.01	5.78	6.26	7.10	7.67	7.55	**7.68**	6.06	6.67	5.70	5.01	5.14	3.92	3.86	3.78	3.13	4.48	2.22
NC_941	0.80	1.21	1.55	1.81	1.98	2.22	2.41	2.37	**2.42**	1.89	2.00	1.66	1.43	1.47	1.09	1.05	0.81	0.83	0.84	0.58
NC_942	0.47	0.53	0.59	0.64	0.60	0.52	0.64	**0.69**	0.61	0.45	0.39	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_943	1.06	1.22	1.14	**1.29**	1.22	1.01	1.19	1.24	1.11	0.75	0.64	0.48	0.41	0.41	0.28	0.27	0.21	0.21	0.22	0.15
NC_944	0.67	0.78	0.74	**0.84**	0.79	0.65	0.78	0.82	0.73	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_945	0.38	0.42	0.52	0.55	0.52	0.48	0.57	**0.63**	0.59	0.44	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_946	0.72	0.84	0.78	**0.89**	0.84	0.69	0.81	0.85	0.76	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_947	0.38	0.41	0.51	0.55	0.51	0.47	0.57	**0.62**	0.58	0.43	0.37	0.30	0.25	0.26	0.18	0.17	0.13	0.13	0.13	0.09

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_948	1.16	1.75	2.25	2.63	2.86	3.21	3.47	3.41	**3.49**	2.73	2.95	2.47	2.12	2.18	1.62	1.58	1.22	1.24	1.26	0.88
NC_949	2.72	3.97	5.01	5.79	6.30	7.27	**7.87**	7.73	7.85	6.24	6.83	5.91	5.21	5.23	4.04	3.99	3.89	3.26	4.61	2.32
NC_950	0.57	0.65	0.67	0.75	0.70	0.59	0.72	0.77	2.61	3.84	3.84	3.53	**7.15**	6.19	4.25	5.98	4.65	5.12	4.90	4.31
NC_951	2.08	2.92	3.58	3.85	3.86	4.04	4.47	4.41	**4.56**	3.53	3.31	2.82	2.40	2.49	1.78	1.72	1.32	1.35	1.37	0.97
NC_952	0.75	0.86	0.81	**0.92**	0.87	0.71	0.85	0.89	0.79	0.53	0.45	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_953	0.84	0.97	0.90	**1.02**	0.97	0.80	0.93	0.97	0.87	0.57	0.49	0.36	0.32	0.31	0.21	0.21	0.16	0.16	0.16	0.12
NC_954	0.47	0.52	0.61	0.66	0.62	0.55	0.67	**0.73**	0.66	0.49	0.42	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_955	0.43	0.47	0.57	0.61	0.57	0.51	0.62	**0.68**	0.63	0.46	0.40	0.32	0.27	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_956	3.92	5.15	6.06	6.56	6.85	7.44	7.99	7.82	8.01	6.34	6.79	5.77	**11.21**	9.16	6.67	9.04	7.39	7.91	7.74	6.32
NC_957	2.69	2.93	3.26	3.42	3.24	2.91	3.31	**3.53**	3.33	2.43	2.08	1.64	1.41	1.43	0.98	0.94	0.72	0.74	0.75	0.53
NC_958	0.39	0.43	0.54	0.57	0.53	0.49	0.59	**0.65**	0.61	0.45	0.39	0.31	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_959	2.04	2.21	2.38	**2.51**	2.38	2.11	2.35	2.46	2.30	1.64	1.41	1.07	0.93	0.93	0.63	0.61	0.47	0.48	0.49	0.35
NC_960	9.16	11.63	13.22	13.54	13.01	13.30	14.85	15.25	**15.56**	12.03	11.42	9.87	13.68	9.97	8.42	10.73	9.35	9.91	9.77	7.76
NC_961	1.12	1.25	1.35	1.46	1.38	1.22	1.44	**1.56**	1.42	1.06	0.91	0.73	0.63	0.63	0.44	0.42	0.32	0.33	0.33	0.24
NC_962	0.37	0.42	0.51	0.54	0.51	0.47	0.56	**0.62**	0.59	0.43	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_963	1.43	1.59	1.66	**1.80**	1.70	1.47	1.70	1.80	1.61	1.16	1.00	0.76	0.66	0.66	0.45	0.43	0.33	0.34	0.34	0.24
NC_964	4.16	6.10	7.73	8.99	9.84	11.29	**12.21**	11.99	12.15	9.63	10.60	9.05	7.94	8.17	6.19	6.08	5.38	4.91	6.29	3.48
NC_965	0.56	0.76	0.87	0.91	0.88	0.93	1.04	1.11	**1.14**	0.87	0.76	0.65	0.55	0.56	0.39	0.38	0.29	0.29	0.30	0.21
NC_966	0.60	0.68	0.71	0.79	0.74	0.63	0.76	**0.82**	0.72	0.52	0.44	0.34	0.30	0.30	0.20	0.19	0.15	0.15	0.15	0.11
NC_967	8.26	10.82	12.62	13.32	13.10	13.58	15.00	15.08	**15.43**	11.99	11.70	10.03	13.65	10.01	8.46	10.95	9.50	10.07	9.93	7.87
NC_968	1.06	1.35	1.54	1.57	1.49	1.54	1.75	1.86	**1.90**	1.44	1.25	1.07	0.91	0.93	0.65	0.63	0.48	0.49	0.50	0.35
NC_969	0.12	0.21	0.27	0.30	0.33	0.41	0.44	0.49	2.73	3.85	3.83	3.50	**7.06**	6.33	4.15	5.66	4.52	4.98	4.76	4.22
NC_970	2.30	2.89	3.17	3.21	3.07	2.95	3.25	3.25	**3.31**	2.47	2.08	1.68	1.45	1.47	1.00	0.96	0.74	0.76	0.77	0.54
NC_971	3.68	4.35	5.38	6.98	7.92	9.39	**9.99**	9.71	9.61	7.71	7.94	6.57	5.45	4.64	4.08	4.10	3.44	3.52	3.58	2.64
NC_972	3.99	4.53	5.01	**5.14**	4.89	4.50	4.97	5.14	5.07	3.63	3.09	2.42	2.09	2.10	1.43	1.38	1.06	1.08	1.10	0.78
NC_973	8.64	11.04	13.00	14.76	16.45	20.01	22.84	25.71	**26.65**	26.16	25.53	25.58	24.88	22.27	19.52	23.07	22.11	22.98	26.06	19.02
NC_974	13.38	18.14	21.91	24.30	25.85	30.00	34.58	40.27	**42.06**	39.54	36.69	39.27	35.89	32.85	26.14	28.77	25.05	25.72	27.45	18.73
NC_975	1.17	1.29	1.27	**1.39**	1.32	1.12	1.25	1.29	1.16	0.80	0.69	0.51	0.44	0.44	0.30	0.29	0.22	0.23	0.23	0.16
NC_976	13.36	18.10	21.85	24.21	25.73	29.79	34.57	40.11	**41.86**	39.27	36.37	39.01	35.68	32.69	25.99	28.51	24.76	25.42	27.14	18.52
NC_977	13.15	17.79	21.44	23.68	25.14	29.01	34.50	39.57	**41.31**	38.44	35.45	38.27	34.93	32.22	25.51	27.67	23.87	24.51	26.22	17.86
NC_978	21.40	29.11	35.25	39.70	43.11	51.02	57.21	66.57	**69.23**	66.16	62.67	65.50	61.54	56.06	45.65	51.25	48.28	49.33	54.66	38.17
NC_979	21.57	29.38	35.69	40.56	44.55	52.81	57.67	67.59	**70.56**	67.89	64.55	66.92	63.11	58.19	48.05	52.84	50.06	51.16	56.51	39.49
NC_980	17.87	24.72	30.39	35.09	38.91	47.61	53.46	54.39	**55.38**	47.94	47.52	45.45	40.50	36.73	29.83	31.98	26.77	27.48	27.97	20.07
NC_981	37.29	51.59	63.32	73.03	81.15	100.86	115.95	122.42	**127.12**	118.87	111.68	116.85	110.80	99.99	84.25	93.14	84.21	86.18	92.13	64.68
NC_982	12.51	17.17	23.54	28.77	32.69	40.90	45.86	45.88	**46.59**	37.89	39.22	35.50	32.10	31.90	23.99	23.92	18.94	19.55	19.61	13.78
NC_983	12.40	17.09	23.29	28.41	32.30	40.59	46.09	46.52	**47.25**	39.03	39.71	36.76	33.36	32.15	24.63	25.02	19.85	20.48	20.55	14.45
NC_984	1.90	2.07	2.11	**2.25**	2.14	1.85	2.03	2.08	1.93	1.34	1.15	0.85	0.74	0.74	0.50	0.48	0.37	0.38	0.38	0.27
NC_985	0.90	1.04	1.00	**1.12**	1.06	0.87	1.04	1.10	0.98	0.67	0.58	0.43	0.37	0.37	0.25	0.24	0.19	0.19	0.20	0.14
NC_986	2.61	3.42	3.87	3.96	3.80	3.77	4.23	4.28	**4.35**	3.36	2.83	2.36	2.03	2.06	1.42	1.37	1.05	1.07	1.09	0.77
NC_987	0.50	0.56	0.60	0.67	0.63	0.54	0.66	**0.71**	0.62	0.45	0.39	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_988	0.70	0.80	0.77	**0.88**	0.83	0.68	0.82	0.86	0.77	0.52	0.45	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_989	4.35	4.74	5.06	**5.29**	5.03	4.47	4.88	5.02	4.73	3.35	2.86	2.15	1.86	1.86	1.26	1.21	0.93	0.96	0.97	0.69
NC_990	7.88	15.58	22.63	27.93	31.06	36.20	39.63	39.19	**39.91**	30.37	32.05	27.16	23.81	24.65	17.40	16.79	13.48	13.27	13.79	9.55
NC_991	0.55	0.64	0.61	**0.70**	0.66	0.54	0.65	0.68	0.61	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_992	2.36	2.77	3.03	3.17	3.23	3.37	**4.06**	3.79	3.76	3.01	3.00	2.68	2.39	2.44	1.93	1.89	1.54	1.57	1.59	1.14
NC_993	1.41	1.56	1.61	**1.73**	1.64	1.42	1.60	1.66	1.53	1.07	0.91	0.69	0.59	0.59	0.40	0.39	0.30	0.30	0.31	0.22
NC_994	1.06	1.18	1.19	**1.31**	1.24	1.05	1.22	1.28	1.15	0.80	0.69	0.51	0.44	0.44	0.30	0.29	0.22	0.23	0.23	0.16
NC_995	1.61	1.78	1.83	**1.96**	1.86	1.61	1.81	1.87	1.72	1.20	1.03	0.77	0.67	0.67	0.45	0.44	0.34	0.34	0.35	0.25
NC_996	1.54	1.69	1.71	**1.84**	1.75	1.50	1.67	1.73	1.60	1.10	0.94	0.70	0.61	0.61	0.41	0.39	0.30	0.31	0.31	0.22
NC_997	4.58	5.29	5.88	6.00	5.71	5.35	6.03	**6.32**	6.31	4.64	4.04	3.36	2.91	2.94	2.01	1.94	1.49	1.52	1.54	1.09
NC_998	0.64	0.74	0.69	**0.78**	0.74	0.61	0.71	0.74	0.67	0.43	0.37	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_999	1.34	1.50	1.48	**1.63**	1.54	1.29	1.48	1.54	1.37	0.95	0.82	0.61	0.52	0.52	0.36	0.34	0.26	0.27	0.27	0.19
NC_1000	2.40	2.99	3.37	3.46	3.46	3.60	3.92	4.01	**4.07**	3.19	2.89	2.49	2.17	2.23	1.57	1.51	1.17	1.19	1.21	0.86
NC_1001	2.03	2.31	2.63	2.69	2.56	2.51	2.85	**3.07**	3.07	2.34	2.05	1.77	1.51	1.55	1.07	1.03	0.79	0.81	0.82	0.58
NC_1002	1.25	1.40	1.36	**1.51**	1.43	1.19	1.37	1.43	1.28	0.88	0.75	0.56	0.48	0.48	0.33	0.32	0.24	0.25	0.25	0.18
NC_1003	0.98	1.09	1.13	**1.24**	1.17	1.00	1.16	1.22	1.10	0.77	0.66	0.50	0.43	0.43	0.29	0.28	0.22	0.22	0.22	0.16
NC_1004	1.22	1.34	1.53	1.61	1.52	1.37	1.57	**1.69**	1.59	1.16	0.99	0.78	0.67	0.68	0.46	0.44	0.34	0.35	0.35	0.25
NC_1005	6.22	7.39	8.15	8.29	7.90	7.45	8.30	8.57	**8.63**	6.34	5.51	4.55	3.93	3.98	2.73	2.63	2.02	2.06	2.09	1.48
NC_1006	0.70	0.82	0.75	**0.86**	0.81	0.67	0.79	0.82	0.74	0.48	0.42	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_1007	12.21	15.49	17.45	17.71	16.94	16.44	18.17	18.25	**18.62**	13.88	12.10	9.99	8.65	8.84	6.02	5.79	4.45	4.55	4.61	3.27
NC_1008	2.36	2.56	2.75	**2.84**	2.70	2.42	2.61	2.67	2.55	1.79	1.53	1.15	1.00	1.00	0.68	0.65	0.50	0.51	0.52	0.37
NC_1009	0.74	0.84	0.83	0.94	0.88	0.73	0.88	**0.94**	0.83	0.58	0.50	0.38	0.33	0.33	0.22	0.21	0.16	0.17	0.17	0.12
NC_1010	1.56	1.71	1.92	**1.97**	1.87	1.72	1.88	1.96	1.89	1.36	1.16	0.90	0.77	0.78	0.53	0.51	0.39	0.40	0.40	0.29
NC_1011	0.54	0.62	0.61	**0.69**	0.65	0.54	0.65	0.69	0.61	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_1012	0.37	0.40	0.48	0.52	0.49	0.44	0.53	**0.58**	0.53	0.39	0.33	0.26	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_1013	0.83	0.97	1.17	1.21	1.14	1.07	1.28	**1.42**	1.37	1.02	0.87	0.71	0.61	0.62	0.42	0.41	0.31	0.32	0.32	0.22
NC_1014	1.19	1.47	1.71	1.75	1.65	1.59	1.89	**2.06**	2.06	1.53	1.31	1.08	0.92	0.94	0.64	0.62	0.47	0.48	0.49	0.34
NC_1015	5.25	9.16	12.76	15.83	18.35	24.10	28.04	29.54	**30.38**	26.65	26.48	25.77	23.04	21.15	17.06	17.61	14.63	14.87	16.40	12.01
NC_1016	3.67	5.26	6.50	7.16	7.24	7.70	8.54	8.55	**8.88**	6.80	6.58	5.56	4.75	4.98	3.54	3.42	2.62	2.68	2.72	1.90
NC_1017	4.72	8.59	11.88	14.63	16.81	21.52	24.34	24.86	**25.41**	21.62	22.27	20.68	18.36	17.32	13.64	13.93	11.55	11.67	13.15	9.74
NC_1018	1.77	2.18	2.68	3.03	3.31	4.94	6.04	6.03	**6.21**	5.03	5.15	4.82	4.15	4.05	3.27	3.36	2.98	3.04	3.15	2.30
NC_1019	0.56	0.72	0.83	0.86	0.83	0.87	0.97	0.99	**1.02**	0.79	0.71	0.60	0.51	0.53	0.37	0.36	0.28	0.28	0.29	0.22
NC_1020	4.97	8.91	12.11	14.69	16.62	20.40	22.35	22.13	**22.50**	18.39	19.74	17.39	15.36	15.09	11.69	11.65	9.62	9.56	11.02	8.23

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1021	1.57	2.08	2.41	2.49	2.39	2.44	2.76	2.83	**2.90**	2.21	1.97	1.65	1.41	1.45	1.01	0.98	0.75	0.76	0.78	0.57
NC_1022	0.57	0.86	1.10	1.27	1.31	1.42	1.56	1.54	**1.61**	1.23	1.24	1.05	0.89	0.93	0.67	0.65	0.50	0.51	0.52	0.36
NC_1023	4.99	9.02	12.35	15.07	17.16	21.43	23.70	23.63	**24.07**	19.92	21.11	18.82	16.68	16.27	12.64	12.65	10.47	10.43	11.90	8.87
NC_1024	6.15	9.06	11.49	13.29	14.41	16.51	**17.90**	17.58	17.88	14.15	15.34	13.20	11.55	11.74	8.91	8.77	7.42	7.10	8.51	5.02
NC_1025	3.57	4.78	5.55	5.74	5.45	5.45	6.34	6.67	**6.80**	5.09	4.49	3.75	3.21	3.33	2.29	2.20	1.68	1.72	1.74	1.21
NC_1026	1.35	1.77	2.06	2.12	2.01	2.04	2.36	2.55	**2.57**	1.92	1.68	1.41	1.21	1.24	0.85	0.82	0.62	0.64	0.65	0.45
NC_1027	2.34	3.06	3.52	3.63	3.44	3.37	3.95	4.16	**4.23**	3.15	2.77	2.32	1.98	2.04	1.41	1.35	1.03	1.06	1.07	0.75
NC_1028	0.51	0.58	0.63	0.69	0.65	0.56	0.68	**0.74**	0.66	0.48	0.41	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_1029	0.48	0.54	0.57	0.63	0.60	0.51	0.61	**0.66**	0.58	0.42	0.36	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_1030	0.29	0.34	0.31	**0.36**	0.34	0.28	0.33	0.35	0.32	0.20	0.17	0.13	0.11	0.11	0.07	0.07	0.05	0.06	0.06	0.04
NC_1031	0.30	0.39	0.45	0.46	0.43	0.42	0.50	**0.55**	0.55	0.41	0.34	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_1032	0.65	0.76	0.90	0.92	0.87	0.85	0.98	**1.10**	1.08	0.81	0.70	0.58	0.50	0.51	0.35	0.34	0.26	0.26	0.27	0.19
NC_1033	0.72	1.08	1.38	1.59	1.62	1.74	1.93	1.90	**1.98**	1.52	1.51	1.28	1.08	1.13	0.80	0.78	0.60	0.61	0.62	0.43
NC_1034	1.09	1.60	2.06	2.42	2.67	3.09	**3.30**	3.24	3.25	2.73	2.99	2.57	2.29	2.36	1.81	1.79	2.37	1.87	2.78	1.32
NC_1035	0.46	0.52	0.53	0.60	0.56	0.47	0.58	**0.61**	0.54	0.38	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1036	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.97	0.95	0.62	**1.47**	1.33	1.40	0.70
NC_1037	0.81	1.19	1.49	1.62	1.63	1.72	1.92	1.91	**1.99**	1.53	1.44	1.24	1.05	1.09	0.77	0.74	0.57	0.58	0.59	0.41
NC_1038	0.58	0.87	1.12	1.31	1.37	1.48	1.62	1.59	**1.66**	1.27	1.31	1.10	0.93	0.97	0.70	0.68	0.52	0.53	0.54	0.38
NC_1039	0.72	1.05	1.32	1.52	1.65	1.89	2.03	1.99	2.01	1.62	1.77	1.53	1.35	1.36	1.06	1.03	1.93	1.46	**2.16**	1.03
NC_1040	0.24	0.27	0.32	0.35	0.33	0.29	0.35	**0.38**	0.35	0.25	0.22	0.17	0.14	0.15	0.10	0.09	0.07	0.07	0.07	0.05
NC_1041	0.72	1.06	1.33	1.53	1.67	1.94	2.08	2.05	2.07	1.69	1.81	1.59	1.41	1.39	1.09	1.08	1.95	1.48	**2.20**	1.05
NC_1042	0.54	0.63	0.74	0.75	0.71	0.67	0.78	**0.84**	0.82	0.60	0.51	0.41	0.35	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_1043	1.13	1.65	2.07	2.32	2.40	2.57	2.83	2.80	**2.91**	2.24	2.23	1.89	1.61	1.65	1.20	1.17	0.89	0.93	0.95	0.67
NC_1044	2.06	3.06	3.90	4.55	4.98	5.85	6.36	6.26	**6.37**	5.09	5.37	4.63	4.04	3.97	3.04	3.02	2.38	2.43	2.52	1.85
NC_1045	12.05	16.18	19.31	21.08	22.52	28.66	34.64	39.17	**40.95**	37.21	34.71	36.74	33.15	30.30	24.27	25.94	22.14	22.62	24.34	16.93
NC_1046	5.44	7.98	10.12	11.71	12.77	15.04	**16.30**	16.03	16.27	13.47	14.51	12.69	11.19	11.28	8.68	8.66	6.82	6.99	7.12	5.08
NC_1047	5.71	8.34	10.56	12.28	13.49	16.17	17.67	17.54	**17.85**	15.00	15.79	14.10	12.55	12.34	9.66	9.71	7.73	7.92	8.07	5.75
NC_1048	4.46	5.80	6.68	6.86	6.67	6.90	7.65	7.75	**7.99**	6.19	6.39	5.50	4.69	4.94	3.67	3.63	2.86	2.92	2.96	2.09
NC_1049	2.34	3.19	3.82	4.13	4.34	4.90	5.15	5.10	**5.31**	4.60	4.83	4.15	3.78	3.82	2.95	2.98	2.45	2.51	2.55	1.81
NC_1050	1.69	2.26	2.70	3.05	3.41	4.00	4.20	4.18	**4.25**	3.81	3.87	3.43	3.11	3.05	2.40	2.43	2.00	2.05	2.08	1.48
NC_1051	0.31	0.36	0.33	**0.39**	0.37	0.30	0.36	0.38	0.34	0.22	0.19	0.14	0.12	0.12	0.08	0.08	0.06	0.06	0.06	0.04
NC_1052	3.36	4.39	5.01	5.16	5.11	5.54	5.99	6.02	**6.25**	4.87	5.34	4.54	3.88	4.11	3.08	3.03	2.39	2.45	2.48	1.75
NC_1053	1.02	1.10	1.20	**1.25**	1.19	1.06	1.15	1.19	1.11	0.80	0.68	0.51	0.44	0.44	0.30	0.29	0.22	0.23	0.23	0.17
NC_1054	1.54	2.05	2.43	2.64	2.77	3.02	**3.18**	3.13	3.14	2.66	2.73	2.43	2.15	2.14	1.65	1.66	1.35	1.38	1.41	1.00
NC_1055	0.70	0.81	0.75	**0.86**	0.81	0.67	0.79	0.82	0.74	0.49	0.42	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_1056	1.02	1.16	1.09	**1.21**	1.15	0.97	1.08	1.12	1.00	0.66	0.57	0.42	0.36	0.36	0.25	0.24	0.18	0.19	0.19	0.14
NC_1057	0.56	0.66	0.62	**0.68**	0.64	0.55	0.61	0.63	0.57	0.36	0.31	0.23	0.20	0.20	0.13	0.13	0.10	0.10	0.10	0.07
NC_1058	1.54	2.08	2.50	2.77	3.00	3.56	3.75	3.77	**3.82**	3.35	3.38	3.03	2.73	2.66	2.11	2.13	1.74	1.78	1.81	1.29
NC_1059	1.12	1.65	2.10	2.46	2.72	3.31	3.59	3.54	**3.60**	2.94	3.06	2.64	2.32	2.27	1.77	1.75	1.38	1.41	1.43	1.00
NC_1060	1.19	1.29	1.39	**1.46**	1.39	1.24	1.35	1.38	1.29	0.93	0.79	0.60	0.52	0.53	0.36	0.36	0.27	0.28	0.32	0.25
NC_1061	1.80	2.32	2.70	2.91	4.10	4.87	5.46	5.33	**5.65**	3.40	4.01	2.79	2.54	2.51	1.98	1.98	1.64	1.68	1.70	1.21
NC_1062	1.74	2.68	3.15	3.30	3.73	5.19	**5.71**	5.51	5.48	4.14	4.33	3.61	3.34	3.31	2.62	2.65	2.20	2.28	2.33	2.13
NC_1063	0.95	1.27	1.43	1.47	1.41	1.41	1.59	1.62	**1.65**	1.27	1.07	0.89	0.77	0.78	0.53	0.51	0.39	0.40	0.41	0.29
NC_1064	6.14	7.95	9.20	9.60	9.39	9.42	**10.31**	10.19	10.27	7.91	6.94	5.81	5.01	5.07	3.58	3.46	2.66	2.72	2.76	1.97
NC_1065	0.92	1.27	1.53	1.63	1.62	1.67	1.83	1.82	**1.86**	1.44	1.28	1.08	0.92	0.94	0.66	0.63	0.48	0.50	0.50	0.35
NC_1066	2.12	2.31	2.58	**2.67**	2.53	2.30	2.54	2.67	2.55	1.83	1.56	1.21	1.04	1.05	0.71	0.69	0.53	0.54	0.55	0.39
NC_1067	0.59	0.68	0.65	**0.74**	0.70	0.57	0.70	0.73	0.65	0.44	0.38	0.28	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_1068	0.84	0.93	1.01	1.09	1.03	0.90	1.04	**1.10**	1.00	0.71	0.61	0.46	0.40	0.40	0.27	0.26	0.20	0.20	0.21	0.15
NC_1069	0.81	0.94	0.88	**0.98**	0.92	0.78	0.88	0.92	0.85	0.54	0.47	0.34	0.30	0.30	0.20	0.19	0.15	0.15	0.15	0.11
NC_1070	1.19	1.34	1.29	**1.42**	1.34	1.14	1.27	1.31	1.21	0.80	0.69	0.51	0.44	0.44	0.30	0.29	0.22	0.23	0.23	0.16
NC_1071	0.44	0.51	0.48	**0.54**	0.51	0.43	0.49	0.51	0.46	0.29	0.25	0.19	0.16	0.16	0.11	0.10	0.08	0.08	0.08	0.06
NC_1072	0.58	0.66	0.67	0.75	0.71	0.60	0.72	**0.77**	0.68	0.48	0.41	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_1073	4.39	4.82	5.18	**5.39**	5.13	4.59	5.01	5.17	4.90	3.48	2.97	2.25	1.95	1.95	1.32	1.28	0.98	1.00	1.02	0.72
NC_1074	6.22	7.25	7.95	**8.04**	7.67	7.16	7.70	7.77	7.83	5.60	4.74	3.69	3.19	3.21	2.17	2.09	1.61	1.65	1.67	1.19
NC_1075	2.29	2.55	2.64	**2.87**	2.71	2.33	2.69	2.83	2.57	1.81	1.55	1.18	1.02	1.02	0.69	0.66	0.51	0.52	0.53	0.37
NC_1076	0.36	0.40	0.46	0.50	0.47	0.42	0.51	**0.55**	0.50	0.36	0.31	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.08
NC_1077	0.24	0.28	0.30	0.33	0.31	0.27	0.33	**0.35**	0.31	0.22	0.19	0.14	0.12	0.12	0.08	0.08	0.06	0.06	0.06	0.04
NC_1078	1.61	1.74	1.93	**1.98**	1.89	1.72	1.86	1.91	1.83	1.31	1.11	0.85	0.73	0.73	0.50	0.48	0.37	0.38	0.38	0.27
NC_1079	2.12	2.64	2.93	2.96	2.83	2.76	3.07	3.14	**3.15**	2.40	2.01	1.67	1.44	1.45	1.01	0.97	0.75	0.76	0.77	0.55
NC_1080	0.44	0.52	0.48	**0.54**	0.51	0.43	0.49	0.51	0.46	0.29	0.25	0.18	0.16	0.16	0.11	0.10	0.08	0.08	0.08	0.06
NC_1081	0.73	0.97	1.11	1.17	1.17	1.23	1.36	1.42	**1.46**	1.13	1.00	0.86	0.74	0.76	0.53	0.51	0.39	0.40	0.41	0.28
NC_1082	0.95	1.06	1.24	1.26	1.20	1.12	1.26	**1.35**	1.30	0.96	0.81	0.65	0.56	0.56	0.39	0.37	0.28	0.29	0.30	0.21
NC_1083	0.39	0.44	0.47	0.53	0.50	0.42	0.52	**0.55**	0.48	0.35	0.30	0.23	0.20	0.20	0.14	0.13	0.10	0.10	0.10	0.07
NC_1084	0.64	0.70	0.83	0.90	0.84	0.76	0.92	**1.02**	0.94	0.70	0.60	0.49	0.42	0.43	0.30	0.28	0.22	0.22	0.23	0.16
NC_1085	0.73	0.99	1.14	1.19	1.19	1.24	1.37	1.41	**1.46**	1.14	1.00	0.85	0.73	0.75	0.52	0.50	0.38	0.39	0.40	0.28
NC_1086	0.43	0.50	0.50	0.57	0.53	0.44	0.54	**0.58**	0.51	0.36	0.30	0.23	0.20	0.20	0.14	0.13	0.10	0.10	0.10	0.07
NC_1087	1.67	1.98	2.27	2.52	2.63	2.83	3.08	3.00	**3.11**	2.46	2.50	2.11	1.81	1.89	1.37	1.33	1.02	1.05	1.06	0.75
NC_1088	1.20	1.30	1.47	1.54	1.46	1.32	1.51	**1.62**	1.53	1.13	0.96	0.76	0.66	0.66	0.45	0.44	0.33	0.34	0.35	0.25
NC_1089	0.71	0.78	0.92	0.95	0.90	0.84	0.96	**1.04**	1.00	0.75	0.63	0.51	0.44	0.45	0.30	0.29	0.22	0.23	0.23	0.16
NC_1090	0.47	0.54	0.56	0.63	0.59	0.50	0.61	**0.65**	0.57	0.41	0.35	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.08
NC_1091	1.87	2.01	2.27	2.35	2.23	2.04	2.28	**2.43**	2.32	1.70	1.44	1.14	0.99	1.00	0.68	0.66	0.50	0.51	0.52	0.37
NC_1092	6.51	9.32	11.66	13.55	14.97	17.98	19.97	20.03	**20.34**	17.10	17.17	15.41	13.66	12.60	10.13	10.24	8.36	8.56	8.68	6.11
NC_1093	1.74	2.24	2.60	2.77	2.90	3.15	3.40	3.34	**3.46**	2.72	2.79	2.37	2.04	2.13	1.55	1.51	1.16	1.19	1.21	0.85

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1094	1.79	2.24	2.47	2.51	2.39	2.31	2.59	2.64	**2.67**	2.02	1.72	1.42	1.23	1.25	0.85	0.82	0.63	0.64	0.65	0.46
NC_1095	1.98	2.17	2.42	2.51	2.38	2.18	2.44	**2.58**	2.48	1.81	1.54	1.22	1.06	1.07	0.73	0.70	0.54	0.55	0.56	0.40
NC_1096	0.68	0.83	0.97	0.99	0.94	1.00	1.11	**1.24**	1.24	0.94	0.82	0.70	0.60	0.61	0.43	0.41	0.31	0.32	0.33	0.23
NC_1097	0.65	0.95	1.16	1.24	1.25	1.32	1.48	1.48	**1.54**	1.19	1.11	0.96	0.81	0.84	0.60	0.58	0.44	0.45	0.46	0.32
NC_1098	0.77	0.84	0.91	**0.95**	0.91	0.81	0.89	0.93	0.87	0.62	0.53	0.40	0.35	0.35	0.23	0.23	0.17	0.18	0.18	0.13
NC_1099	0.83	0.90	1.04	1.07	1.02	0.93	1.04	**1.09**	1.04	0.76	0.64	0.50	0.43	0.43	0.29	0.28	0.22	0.22	0.22	0.16
NC_1100	6.42	9.18	11.50	13.37	14.78	17.83	19.93	20.10	**20.43**	17.32	17.23	15.70	13.83	12.69	10.23	10.47	8.58	8.78	8.90	6.27
NC_1101	4.72	6.60	8.14	9.32	10.07	11.15	**11.94**	11.63	11.65	9.28	9.34	7.83	6.78	6.88	5.19	5.05	3.90	4.04	4.04	2.86
NC_1102	54.62	75.08	94.79	111.56	126.45	162.19	186.31	198.10	**203.58**	185.15	175.87	181.23	173.71	162.32	134.05	147.95	128.70	132.86	139.92	98.63
NC_1103	1.72	1.85	2.08	**2.13**	2.03	1.85	2.01	2.09	1.99	1.44	1.21	0.94	0.81	0.81	0.55	0.53	0.41	0.42	0.42	0.30
NC_1104	0.85	0.93	0.99	**1.03**	0.98	0.87	0.93	0.95	0.91	0.63	0.54	0.40	0.35	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_1105	0.50	0.69	0.84	0.94	1.61	4.55	5.88	6.33	6.58	6.17	5.79	6.42	7.54	**7.73**	5.31	5.64	4.42	4.52	4.58	3.30
NC_1106	54.38	74.62	94.05	110.75	125.08	158.72	181.57	192.15	**197.23**	178.76	170.47	174.99	167.20	156.59	129.51	142.42	124.02	127.84	134.82	95.01
NC_1107	4.33	5.94	7.20	8.04	8.47	8.91	**9.65**	9.42	9.49	7.40	7.27	6.00	5.18	5.38	3.88	3.76	2.89	2.96	3.00	2.12
NC_1108	0.81	0.88	0.93	**0.98**	0.93	0.82	0.90	0.93	0.87	0.61	0.52	0.39	0.34	0.34	0.23	0.22	0.17	0.17	0.18	0.13
NC_1109	6.59	7.96	8.84	9.01	8.59	8.22	9.31	9.68	**9.78**	7.35	6.66	5.71	4.87	5.09	3.62	3.53	2.72	2.78	2.82	2.00
NC_1110	5.05	6.60	7.65	7.93	7.74	7.93	8.81	8.89	**9.10**	6.99	6.58	5.66	4.88	5.05	3.64	3.54	2.73	2.79	2.83	2.00
NC_1111	1.35	1.48	1.62	1.72	1.63	1.45	1.68	**1.79**	1.65	1.22	1.04	0.83	0.71	0.72	0.49	0.48	0.37	0.37	0.38	0.27
NC_1112	62.50	86.46	106.98	124.94	141.22	180.63	207.00	220.66	**226.79**	206.58	196.73	201.30	192.67	179.98	148.17	164.48	141.87	147.05	154.30	108.76
NC_1113	57.26	82.92	104.09	121.92	137.41	175.81	202.50	220.68	**228.30**	211.16	199.33	205.87	197.71	180.48	149.85	169.76	148.09	153.46	161.25	114.03
NC_1114	57.11	82.69	103.79	121.56	136.95	175.22	201.89	220.29	**228.27**	211.54	199.74	206.14	197.97	180.01	149.25	169.99	148.52	153.92	161.93	114.51
NC_1115	1.33	1.47	1.50	**1.64**	1.55	1.32	1.52	1.59	1.42	1.00	0.86	0.64	0.56	0.56	0.38	0.36	0.28	0.29	0.29	0.21
NC_1116	1.59	1.75	1.83	**1.95**	1.85	1.62	1.81	1.89	1.74	1.23	1.05	0.79	0.69	0.69	0.46	0.45	0.34	0.35	0.36	0.25
NC_1117	2.58	3.13	3.48	3.51	3.34	3.21	3.56	3.65	**3.70**	2.76	2.31	1.88	1.62	1.63	1.12	1.08	0.83	0.85	0.86	0.61
NC_1118	0.50	0.59	0.55	**0.60**	0.57	0.49	0.55	0.57	0.52	0.32	0.28	0.20	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.07
NC_1119	12.65	15.95	17.77	18.00	17.22	16.62	18.04	17.79	**18.17**	13.47	11.49	9.23	7.99	8.08	5.48	5.27	4.06	4.15	4.20	2.99
NC_1120	1.93	2.10	2.42	2.44	2.33	2.19	2.38	**2.48**	2.39	1.77	1.48	1.17	1.01	1.02	0.70	0.67	0.52	0.53	0.54	0.38
NC_1121	15.12	20.00	23.58	25.36	25.57	26.51	28.97	28.68	**29.16**	22.88	24.72	22.32	20.04	20.83	16.52	16.91	13.58	13.92	14.19	10.10
NC_1122	0.56	0.66	0.60	**0.69**	0.65	0.54	0.63	0.66	0.60	0.39	0.33	0.24	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_1123	1.64	1.82	1.89	**2.02**	1.92	1.67	1.88	1.96	1.80	1.27	1.09	0.82	0.71	0.71	0.48	0.47	0.36	0.37	0.37	0.26
NC_1124	15.33	19.98	23.23	24.41	24.06	24.74	27.26	27.20	**27.81**	21.93	23.60	21.19	18.98	19.88	15.73	16.06	12.85	13.17	13.42	9.56
NC_1125	15.74	20.39	23.58	24.51	24.05	24.64	27.23	27.25	**27.89**	21.87	23.59	21.10	18.93	20.03	15.74	15.97	12.78	13.09	13.35	9.51
NC_1126	0.68	0.78	0.76	**0.86**	0.81	0.67	0.81	0.86	0.76	0.52	0.45	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_1127	2.12	2.29	2.37	**2.49**	2.37	2.08	2.24	2.29	2.13	1.50	1.28	0.96	0.83	0.83	0.56	0.54	0.42	0.43	0.43	0.31
NC_1128	1.31	1.46	1.44	**1.59**	1.50	1.27	1.45	1.51	1.36	0.94	0.80	0.60	0.52	0.52	0.35	0.34	0.26	0.27	0.27	0.19
NC_1129	2.64	2.89	3.12	**3.18**	3.03	2.76	2.93	2.97	2.89	2.04	1.74	1.32	1.14	1.15	0.78	0.75	0.58	0.59	0.60	0.43
NC_1130	3.95	4.43	4.88	**4.98**	4.75	4.37	4.75	4.86	4.79	3.42	2.91	2.25	1.95	1.95	1.33	1.28	0.99	1.01	1.02	0.73
NC_1131	3.08	4.86	6.38	7.58	8.53	10.64	11.96	12.15	**12.31**	10.46	10.35	9.57	8.45	7.86	6.18	6.51	5.27	5.39	5.54	3.96
NC_1132	1.15	1.31	1.27	**1.42**	1.34	1.12	1.32	1.39	1.23	0.86	0.74	0.56	0.48	0.48	0.33	0.32	0.24	0.25	0.25	0.18
NC_1133	4.33	4.88	5.44	**5.59**	5.31	4.89	5.40	5.58	5.44	3.92	3.32	2.58	2.24	2.24	1.52	1.46	1.12	1.15	1.16	0.83
NC_1134	2.28	2.49	2.66	**2.82**	2.67	2.35	2.63	2.75	2.55	1.81	1.54	1.17	1.01	1.01	0.69	0.66	0.51	0.52	0.53	0.37
NC_1135	0.54	0.62	0.61	0.69	0.65	0.54	0.65	**0.69**	0.62	0.42	0.36	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_1136	0.90	1.32	1.67	1.90	1.95	2.08	2.29	2.27	**2.36**	1.81	1.78	1.49	1.28	1.32	0.95	0.92	0.70	0.72	0.73	0.51
NC_1137	4.98	6.43	7.40	7.61	7.36	7.28	8.07	8.04	**8.14**	6.18	5.36	4.42	3.79	3.87	2.69	2.60	2.00	2.04	2.07	1.47
NC_1138	0.61	0.71	0.66	**0.76**	0.71	0.59	0.69	0.72	0.65	0.42	0.37	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_1139	1.62	1.80	1.80	**1.97**	1.87	1.58	1.80	1.87	1.66	1.17	1.01	0.75	0.65	0.65	0.44	0.42	0.33	0.33	0.34	0.24
NC_1140	1.09	1.17	1.32	1.37	1.31	1.18	1.32	**1.38**	1.29	0.94	0.79	0.62	0.53	0.53	0.36	0.35	0.27	0.28	0.28	0.20
NC_1141	3.17	5.35	6.92	7.77	8.05	8.66	9.56	9.61	**9.78**	7.44	7.31	6.08	5.17	5.35	3.80	3.77	2.83	2.89	3.01	2.14
NC_1142	3.01	5.03	6.56	7.48	7.88	8.70	9.55	9.54	**9.66**	7.40	7.42	6.21	5.29	5.42	3.79	3.84	2.95	3.01	3.13	2.23
NC_1143	1.00	1.12	1.13	**1.25**	1.18	0.99	1.16	1.23	1.10	0.77	0.66	0.50	0.43	0.43	0.29	0.28	0.22	0.22	0.22	0.16
NC_1144	3.04	5.07	6.63	7.64	8.20	9.39	**10.26**	10.19	10.23	7.92	8.16	6.80	5.84	5.92	4.29	4.32	3.31	3.38	3.51	2.50
NC_1145	3.20	5.11	6.69	7.75	8.42	9.84	**10.72**	10.62	10.63	8.28	8.64	7.18	6.20	6.34	4.61	4.63	3.55	3.63	3.75	2.67
NC_1146	0.68	0.79	0.74	**0.84**	0.80	0.65	0.78	0.81	0.73	0.48	0.41	0.31	0.27	0.26	0.18	0.17	0.13	0.14	0.14	0.10
NC_1147	0.75	0.82	0.87	**0.92**	0.87	0.77	0.85	0.88	0.81	0.57	0.49	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_1148	3.73	5.13	6.74	7.88	8.71	10.41	**11.31**	11.16	11.18	8.81	9.23	7.74	6.72	6.77	4.94	5.09	3.90	3.99	4.12	2.93
NC_1149	0.95	1.08	1.06	**1.18**	1.11	0.93	1.09	1.14	1.03	0.70	0.60	0.45	0.39	0.39	0.26	0.25	0.20	0.20	0.20	0.14
NC_1150	0.62	0.72	0.67	**0.77**	0.73	0.59	0.71	0.75	0.67	0.45	0.38	0.28	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_1151	1.56	1.76	2.00	2.02	1.92	1.80	1.98	**2.05**	2.03	1.47	1.24	0.97	0.84	0.84	0.57	0.55	0.42	0.43	0.44	0.31
NC_1152	1.82	2.09	2.37	2.39	2.28	2.14	2.36	**2.43**	2.42	1.76	1.48	1.17	1.01	1.01	0.69	0.66	0.51	0.52	0.53	0.37
NC_1153	1.86	2.14	2.43	2.46	2.34	2.20	2.42	**2.50**	2.48	1.81	1.52	1.20	1.04	1.04	0.71	0.68	0.52	0.53	0.54	0.38
NC_1154	1.82	2.08	2.01	**2.24**	2.12	1.77	2.06	2.16	1.95	1.32	1.14	0.85	0.73	0.73	0.50	0.48	0.37	0.38	0.38	0.27
NC_1155	2.74	3.16	3.57	3.58	3.42	3.26	3.58	**3.72**	3.68	2.74	2.29	1.85	1.60	1.61	1.10	1.06	0.82	0.84	0.85	0.60
NC_1156	2.89	3.38	3.69	**3.72**	3.55	3.33	3.55	3.55	3.59	2.58	2.18	1.70	1.47	1.47	1.00	0.96	0.74	0.76	0.77	0.55
NC_1157	2.90	3.72	4.18	4.27	4.08	4.01	4.49	4.54	**4.57**	3.50	2.96	2.46	2.11	2.14	1.48	1.43	1.10	1.12	1.14	0.81
NC_1158	5.01	6.58	7.70	8.09	7.92	7.96	8.74	8.61	**8.75**	6.68	5.90	4.88	4.20	4.28	3.00	2.89	2.22	2.28	2.31	1.64
NC_1159	5.02	6.63	7.77	8.24	8.10	8.16	**8.95**	8.79	8.93	6.84	6.07	5.03	4.33	4.43	3.10	2.99	2.30	2.35	2.38	1.69
NC_1160	5.00	6.66	7.88	8.48	8.47	8.61	**9.40**	9.21	9.31	7.18	6.50	5.36	4.61	4.73	3.34	3.23	2.48	2.53	2.57	1.82
NC_1161	2.01	2.30	2.69	2.92	3.02	3.28	3.61	3.65	**3.74**	2.98	2.90	2.49	2.11	2.20	1.58	1.52	1.17	1.20	1.22	0.85
NC_1162	0.74	0.84	0.86	0.95	0.90	0.76	0.91	**0.98**	0.86	0.62	0.53	0.41	0.35	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_1163	0.93	1.04	1.04	**1.15**	1.09	0.91	1.07	1.12	1.00	0.69	0.60	0.45	0.39	0.39	0.26	0.25	0.19	0.20	0.20	0.14
NC_1164	1.06	1.57	2.02	2.38	2.52	2.72	2.97	2.93	**3.02**	2.33	2.40	2.01	1.71	1.79	1.30	1.26	0.97	0.99	1.00	0.70
NC_1165	0.53	0.61	0.60	**0.68**	0.64	0.52	0.64	0.67	0.60	0.41	0.35	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_1166	1.19	1.36	1.26	**1.43**	1.35	1.13	1.29	1.34	1.20	0.80	0.69	0.51	0.44	0.44	0.30	0.29	0.22	0.23	0.23	0.17

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1167	2.48	3.12	3.54	3.76	3.85	4.19	4.57	4.53	**4.73**	3.71	3.77	3.21	2.71	2.86	2.08	2.02	1.56	1.59	1.62	1.13
NC_1168	6.32	8.85	10.89	12.39	13.24	14.31	**15.43**	15.06	15.15	11.97	11.85	9.85	8.49	8.65	6.41	6.22	4.80	4.91	4.98	3.51
NC_1169	0.83	1.24	1.57	1.87	2.11	2.62	2.89	2.90	**2.96**	2.54	2.61	2.44	2.21	2.10	1.57	1.65	1.38	1.42	1.47	1.03
NC_1170	0.50	0.71	0.92	1.15	1.33	1.66	**1.80**	1.77	1.79	1.51	1.62	1.43	1.28	1.28	0.91	0.96	0.78	0.80	0.82	0.58
NC_1171	0.35	0.39	0.48	0.51	0.48	0.44	0.53	**0.58**	0.55	0.41	0.35	0.28	0.24	0.24	0.17	0.16	0.12	0.12	0.13	0.09
NC_1172	0.46	0.63	0.72	0.75	0.72	0.76	0.86	0.92	**0.94**	0.71	0.61	0.52	0.45	0.45	0.31	0.30	0.23	0.23	0.24	0.17
NC_1173	1.51	2.07	2.49	2.76	2.99	3.60	3.91	4.04	**4.14**	3.69	3.65	3.58	3.28	3.09	2.38	2.47	2.12	2.18	2.24	1.59
NC_1174	0.82	0.93	0.91	**1.03**	0.97	0.81	0.97	1.02	0.91	0.63	0.54	0.41	0.35	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_1175	0.60	0.70	0.65	**0.74**	0.70	0.58	0.68	0.71	0.64	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_1176	0.90	1.31	1.64	1.76	1.77	1.86	2.08	2.08	**2.16**	1.67	1.55	1.33	1.13	1.17	0.82	0.80	0.61	0.62	0.63	0.44
NC_1177	6.21	8.73	10.78	12.31	13.25	14.76	**15.90**	15.53	15.59	12.41	12.37	10.40	9.03	9.03	6.85	6.67	5.16	5.28	5.35	3.77
NC_1178	1.42	2.01	2.50	2.85	3.10	3.76	4.11	4.22	**4.32**	3.89	3.83	3.79	3.46	3.24	2.51	2.63	2.26	2.33	2.40	1.70
NC_1179	0.35	0.39	0.46	0.50	0.47	0.42	0.51	**0.55**	0.50	0.37	0.31	0.25	0.21	0.21	0.15	0.14	0.11	0.11	0.11	0.08
NC_1180	0.58	0.68	0.63	**0.73**	0.68	0.56	0.67	0.70	0.63	0.42	0.36	0.26	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_1181	1.25	1.41	1.63	1.64	1.56	1.48	1.64	**1.72**	1.68	1.25	1.05	0.84	0.73	0.73	0.50	0.48	0.37	0.38	0.38	0.27
NC_1182	1.50	1.99	2.26	2.33	2.23	2.24	2.52	2.57	**2.61**	2.00	1.71	1.44	1.23	1.25	0.87	0.84	0.64	0.66	0.67	0.47
NC_1183	1.22	1.69	2.03	2.18	2.22	2.40	2.63	2.63	**2.75**	2.12	2.16	1.83	1.56	1.62	1.18	1.16	0.89	0.91	0.92	0.64
NC_1184	0.68	0.75	0.84	**0.87**	0.82	0.75	0.82	0.85	0.81	0.58	0.49	0.37	0.32	0.32	0.22	0.21	0.16	0.17	0.17	0.12
NC_1185	0.72	1.06	1.34	1.54	1.63	1.78	1.94	1.91	**1.98**	1.53	1.61	1.36	1.16	1.20	0.88	0.86	0.66	0.68	0.69	0.48
NC_1186	0.38	0.43	0.48	0.52	0.49	0.43	0.52	**0.56**	0.50	0.36	0.31	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.08
NC_1187	1.54	2.18	2.71	3.10	3.36	3.98	4.31	4.42	**4.52**	4.09	4.04	3.99	3.65	3.45	2.70	2.79	2.40	2.48	2.54	1.80
NC_1188	1.51	2.19	2.73	3.12	3.27	3.53	3.86	3.83	**3.94**	3.05	3.19	2.67	2.30	2.38	1.75	1.72	1.32	1.35	1.37	0.96
NC_1189	0.57	0.66	0.64	**0.73**	0.68	0.56	0.68	0.72	0.64	0.44	0.38	0.28	0.24	0.24	0.17	0.16	0.12	0.12	0.13	0.09
NC_1190	5.06	6.82	8.10	8.71	8.69	8.92	9.78	9.66	**9.81**	7.59	6.89	5.76	4.95	5.06	3.60	3.48	2.68	2.74	2.78	1.97
NC_1191	1.24	1.42	1.32	**1.50**	1.41	1.17	1.36	1.42	1.27	0.85	0.74	0.54	0.47	0.47	0.32	0.31	0.24	0.24	0.25	0.18
NC_1192	3.07	3.46	3.90	4.03	3.82	3.53	3.97	**4.16**	4.03	2.95	2.49	1.98	1.71	1.73	1.17	1.13	0.87	0.89	0.90	0.64
NC_1193	3.43	4.55	5.35	5.57	5.46	5.51	6.05	5.97	**6.10**	4.69	4.14	3.46	2.96	3.04	2.12	2.05	1.57	1.61	1.63	1.16
NC_1194	16.93	21.21	23.90	24.36	23.43	22.84	25.10	25.08	**25.29**	19.19	16.61	13.73	11.88	12.09	8.46	8.16	6.28	6.42	6.54	4.73
NC_1195	1.89	2.05	2.17	**2.30**	2.18	1.92	2.11	2.20	2.04	1.44	1.23	0.93	0.80	0.80	0.54	0.52	0.40	0.41	0.42	0.30
NC_1196	1.51	1.65	1.73	**1.86**	1.76	1.53	1.72	1.79	1.62	1.15	0.98	0.73	0.64	0.64	0.43	0.41	0.32	0.33	0.33	0.23
NC_1197	0.72	0.83	0.78	**0.86**	0.81	0.69	0.78	0.80	0.73	0.47	0.40	0.29	0.26	0.25	0.17	0.17	0.13	0.13	0.13	0.10
NC_1198	0.94	1.08	1.01	**1.12**	1.06	0.90	1.01	1.05	0.95	0.62	0.53	0.39	0.34	0.34	0.23	0.22	0.17	0.17	0.18	0.13
NC_1199	9.56	11.41	12.60	12.76	12.22	11.74	12.98	**13.34**	13.22	10.12	8.65	7.30	6.30	6.42	4.50	4.33	3.34	3.41	3.49	2.56
NC_1200	0.95	1.09	1.01	**1.14**	1.08	0.91	1.03	1.07	0.96	0.63	0.54	0.40	0.35	0.34	0.23	0.23	0.17	0.18	0.18	0.13
NC_1201	7.93	9.38	10.38	10.51	10.07	9.71	10.73	**11.05**	10.93	8.48	7.25	6.13	5.29	5.39	3.79	3.65	2.81	2.87	2.94	2.17
NC_1202	1.15	1.32	1.24	**1.38**	1.30	1.10	1.24	1.29	1.16	0.77	0.67	0.49	0.43	0.42	0.29	0.28	0.21	0.22	0.22	0.16
NC_1203	1.77	1.93	2.11	2.22	2.10	1.88	2.13	**2.23**	2.10	1.53	1.30	1.01	0.88	0.88	0.60	0.58	0.45	0.46	0.46	0.33
NC_1204	2.03	2.20	2.35	**2.46**	2.34	2.07	2.26	2.34	2.19	1.55	1.32	0.99	0.86	0.86	0.58	0.56	0.43	0.44	0.45	0.32
NC_1205	1.46	1.63	1.59	**1.75**	1.66	1.39	1.58	1.64	1.47	1.01	0.87	0.64	0.56	0.56	0.38	0.36	0.28	0.29	0.29	0.21
NC_1206	0.59	0.69	0.65	**0.71**	0.67	0.57	0.64	0.66	0.60	0.38	0.33	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.08
NC_1207	1.25	1.40	1.33	**1.49**	1.41	1.18	1.33	1.38	1.23	0.83	0.72	0.53	0.46	0.46	0.31	0.30	0.23	0.23	0.24	0.17
NC_1208	0.86	0.99	0.92	**1.05**	0.99	0.82	0.96	1.00	0.90	0.60	0.51	0.38	0.33	0.33	0.22	0.21	0.17	0.17	0.17	0.12
NC_1209	1.59	1.75	1.79	**1.94**	1.84	1.58	1.80	1.88	1.70	1.20	1.03	0.78	0.67	0.67	0.46	0.44	0.34	0.35	0.35	0.25
NC_1210	1.03	1.11	1.29	1.35	1.27	1.16	1.35	**1.47**	1.39	1.04	0.89	0.72	0.62	0.63	0.43	0.42	0.32	0.33	0.33	0.23
NC_1211	2.94	3.22	3.37	**3.57**	3.39	2.97	3.30	3.41	3.18	2.24	1.92	1.45	1.25	1.25	0.85	0.82	0.63	0.64	0.65	0.46
NC_1212	1.73	1.89	1.91	**2.05**	1.95	1.67	1.84	1.89	1.73	1.19	1.03	0.76	0.66	0.66	0.44	0.43	0.33	0.34	0.34	0.24
NC_1213	0.53	0.61	0.61	0.69	0.65	0.54	0.65	**0.69**	0.61	0.43	0.36	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_1214	0.55	0.64	0.59	**0.68**	0.64	0.53	0.62	0.65	0.58	0.38	0.33	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.08
NC_1215	11.01	13.35	14.74	14.93	14.29	13.76	15.21	**15.58**	15.53	11.83	10.10	8.50	7.34	7.50	5.23	5.04	3.88	3.97	4.06	2.96
NC_1216	3.54	4.15	4.60	4.67	4.45	4.19	4.60	4.71	**4.72**	3.44	2.93	2.34	2.02	2.04	1.39	1.34	1.03	1.05	1.07	0.76
NC_1217	0.60	0.70	0.65	**0.74**	0.69	0.58	0.67	0.70	0.63	0.41	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.12	0.08
NC_1218	1.16	1.27	1.39	1.48	1.40	1.24	1.43	**1.51**	1.37	1.01	0.86	0.67	0.58	0.58	0.40	0.38	0.29	0.30	0.31	0.22
NC_1219	2.93	3.79	4.39	4.50	4.35	4.31	4.79	4.77	**4.86**	3.68	3.23	2.68	2.30	2.35	1.63	1.57	1.21	1.24	1.25	0.89
NC_1220	2.71	2.96	3.03	**3.25**	3.09	2.67	2.97	3.07	2.77	1.99	1.70	1.28	1.11	1.11	0.75	0.73	0.56	0.57	0.58	0.41
NC_1221	0.66	0.76	0.71	**0.80**	0.75	0.63	0.72	0.75	0.68	0.43	0.38	0.27	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_1222	2.32	2.55	2.75	**2.83**	2.70	2.43	2.62	2.68	2.57	1.81	1.55	1.17	1.01	1.01	0.69	0.66	0.51	0.52	0.53	0.38
NC_1223	1.20	1.36	1.29	**1.43**	1.35	1.14	1.28	1.32	1.19	0.80	0.69	0.50	0.44	0.44	0.30	0.28	0.22	0.22	0.23	0.16
NC_1224	0.79	0.90	0.90	1.01	0.95	0.80	0.95	**1.01**	0.91	0.64	0.55	0.42	0.36	0.36	0.24	0.24	0.18	0.18	0.19	0.13
NC_1225	1.94	2.16	2.48	2.54	2.42	2.24	2.52	**2.65**	2.57	1.89	1.59	1.27	1.10	1.11	0.76	0.73	0.56	0.57	0.58	0.41
NC_1226	1.47	1.69	1.95	1.99	1.89	1.79	2.05	**2.24**	2.18	1.65	1.40	1.17	1.00	1.02	0.71	0.68	0.53	0.54	0.55	0.39
NC_1227	17.70	22.70	26.04	27.01	26.26	26.02	28.48	28.18	**28.49**	21.78	19.12	15.87	13.72	13.96	9.84	9.50	7.31	7.47	7.61	5.48
NC_1228	19.11	24.80	28.73	30.22	29.62	29.60	**32.25**	31.67	32.02	24.58	21.82	18.13	15.68	15.97	11.29	10.89	8.38	8.57	8.72	6.28
NC_1229	3.20	3.74	4.13	**4.15**	3.97	3.75	4.02	4.05	4.07	2.97	2.48	1.96	1.70	1.71	1.16	1.12	0.86	0.88	0.89	0.64
NC_1230	1.40	1.57	1.51	**1.67**	1.58	1.33	1.50	1.55	1.40	0.95	0.82	0.60	0.52	0.52	0.35	0.34	0.26	0.27	0.27	0.19
NC_1231	2.22	2.40	2.51	**2.66**	2.53	2.21	2.42	2.49	2.31	1.63	1.39	1.04	0.90	0.90	0.61	0.59	0.45	0.47	0.47	0.34
NC_1232	0.70	0.77	0.90	0.97	0.91	0.81	0.99	**1.09**	1.01	0.75	0.65	0.53	0.45	0.46	0.32	0.31	0.23	0.24	0.24	0.17
NC_1233	3.14	3.86	4.37	4.48	4.25	4.07	4.68	4.91	**4.94**	3.66	3.19	2.65	2.27	2.31	1.59	1.54	1.18	1.20	1.22	0.86
NC_1234	2.49	3.08	3.54	3.64	3.44	3.30	3.85	4.09	**4.09**	3.01	2.61	2.14	1.83	1.86	1.27	1.23	0.94	0.96	0.97	0.68
NC_1235	1.49	1.96	2.30	2.46	2.49	2.67	2.95	2.94	**3.06**	2.38	2.33	1.98	1.69	1.76	1.27	1.24	0.95	0.97	0.98	0.69
NC_1236	0.51	0.58	0.58	0.65	0.62	0.51	0.62	**0.66**	0.58	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_1237	2.08	2.54	2.94	3.21	3.30	3.57	3.88	3.80	**3.95**	3.10	3.24	2.75	2.32	2.46	1.81	1.77	1.37	1.40	1.42	1.00
NC_1238	0.82	0.89	1.00	1.06	1.00	0.89	1.01	**1.07**	1.00	0.72	0.61	0.47	0.41	0.41	0.28	0.27	0.20	0.21	0.21	0.15
NC_1239	2.98	3.45	3.96	4.03	4.00	4.28	4.69	4.88	**4.95**	3.88	3.82	3.30	2.80	2.94	2.13	2.08	1.61	1.64	1.67	1.17

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1240	3.37	3.96	4.50	4.60	4.38	4.69	5.13	5.43	**5.48**	4.28	4.16	3.60	3.06	3.24	2.33	2.28	1.76	1.80	1.82	1.28
NC_1241	0.99	1.11	1.09	**1.21**	1.15	0.96	1.12	1.17	1.05	0.71	0.61	0.46	0.40	0.39	0.27	0.26	0.20	0.20	0.21	0.15
NC_1242	1.29	1.43	1.46	**1.58**	1.49	1.28	1.44	1.50	1.39	0.96	0.82	0.61	0.53	0.53	0.36	0.34	0.26	0.27	0.27	0.19
NC_1243	1.11	1.25	1.23	**1.36**	1.29	1.08	1.24	1.30	1.17	0.80	0.69	0.51	0.44	0.44	0.30	0.29	0.22	0.23	0.23	0.16
NC_1244	2.46	2.75	2.79	**3.02**	2.86	2.45	2.77	2.87	2.64	1.82	1.56	1.16	1.01	1.01	0.68	0.65	0.50	0.51	0.52	0.37
NC_1245	1.00	1.14	1.10	**1.23**	1.16	0.96	1.13	1.18	1.07	0.72	0.62	0.46	0.40	0.40	0.27	0.26	0.20	0.20	0.21	0.15
NC_1246	0.72	0.83	0.77	**0.87**	0.82	0.69	0.79	0.82	0.74	0.48	0.42	0.31	0.26	0.26	0.18	0.17	0.13	0.14	0.14	0.10
NC_1247	1.07	1.22	1.15	**1.29**	1.22	1.02	1.16	1.20	1.08	0.72	0.62	0.45	0.39	0.39	0.27	0.26	0.20	0.20	0.21	0.15
NC_1248	1.57	1.73	1.76	**1.91**	1.81	1.54	1.76	1.83	1.64	1.16	0.99	0.74	0.64	0.64	0.44	0.42	0.32	0.33	0.33	0.24
NC_1249	0.52	0.69	0.78	0.80	0.76	0.80	0.91	0.99	**1.00**	0.76	0.65	0.55	0.47	0.48	0.33	0.32	0.24	0.25	0.25	0.17
NC_1250	3.12	3.78	4.29	4.39	4.17	3.98	4.57	4.83	**4.84**	3.60	3.12	2.58	2.21	2.24	1.55	1.50	1.14	1.17	1.19	0.83
NC_1251	0.36	0.40	0.45	0.50	0.47	0.41	0.50	**0.54**	0.48	0.35	0.30	0.24	0.20	0.20	0.14	0.13	0.10	0.10	0.10	0.07
NC_1252	1.53	1.82	2.10	2.16	2.04	1.93	2.22	**2.36**	2.34	1.71	1.46	1.17	1.01	1.02	0.69	0.67	0.51	0.52	0.53	0.37
NC_1253	0.96	1.15	1.37	1.42	1.33	1.25	1.49	**1.62**	1.58	1.16	0.99	0.80	0.69	0.70	0.48	0.46	0.35	0.36	0.36	0.25
NC_1254	0.35	0.38	0.47	0.50	0.47	0.43	0.52	**0.56**	0.52	0.38	0.33	0.26	0.22	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_1255	1.98	2.60	2.96	3.04	2.88	2.79	3.25	3.40	**3.45**	2.55	2.19	1.79	1.54	1.56	1.07	1.03	0.78	0.80	0.81	0.57
NC_1256	2.12	3.01	3.62	3.78	3.70	3.82	4.28	4.32	**4.48**	3.44	3.04	2.57	2.20	2.25	1.56	1.51	1.15	1.18	1.20	0.84
NC_1257	2.17	3.09	3.73	3.92	3.87	3.98	4.45	4.48	**4.65**	3.56	3.18	2.68	2.29	2.36	1.64	1.58	1.21	1.24	1.25	0.88
NC_1258	0.43	0.49	0.52	0.58	0.54	0.46	0.56	**0.60**	0.53	0.38	0.32	0.25	0.21	0.21	0.15	0.14	0.11	0.11	0.11	0.08
NC_1259	6.12	8.42	9.96	10.35	10.09	10.35	11.68	11.92	**12.31**	9.34	8.25	6.91	5.93	6.09	4.21	4.06	3.10	3.17	3.22	2.25
NC_1260	0.59	0.66	0.72	0.79	0.75	0.65	0.79	**0.85**	0.76	0.56	0.48	0.37	0.32	0.32	0.22	0.21	0.16	0.17	0.17	0.12
NC_1261	58.27	84.33	105.96	124.17	139.84	178.99	207.02	230.30	**243.18**	230.89	219.50	223.18	214.56	189.03	159.79	188.20	165.13	173.12	182.60	129.38
NC_1262	0.46	0.64	0.74	0.77	0.73	0.74	0.86	0.92	**0.93**	0.70	0.61	0.51	0.44	0.45	0.31	0.30	0.23	0.23	0.24	0.16
NC_1263	1.66	1.87	1.86	2.03	1.92	1.65	1.95	**2.14**	1.97	1.49	1.32	1.11	0.95	0.98	0.69	0.67	0.52	0.53	0.53	0.38
NC_1264	1.11	1.48	1.69	1.74	1.65	1.60	1.89	2.00	**2.04**	1.51	1.29	1.06	0.91	0.93	0.63	0.61	0.46	0.48	0.48	0.34
NC_1265	1.64	2.11	2.40	2.47	2.34	2.25	2.62	2.76	**2.80**	2.06	1.76	1.43	1.23	1.25	0.85	0.82	0.63	0.64	0.65	0.45
NC_1266	2.81	3.80	4.39	4.54	4.30	4.24	4.96	5.13	**5.25**	3.90	3.39	2.80	2.40	2.45	1.68	1.62	1.23	1.26	1.28	0.89
NC_1267	0.43	0.49	0.52	0.58	0.54	0.46	0.56	**0.60**	0.53	0.38	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1268	0.49	0.56	0.55	**0.63**	0.59	0.48	0.59	0.62	0.56	0.38	0.33	0.24	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_1269	2.86	3.91	4.60	4.78	4.58	4.57	5.27	5.39	**5.55**	4.14	3.64	3.01	2.58	2.64	1.82	1.75	1.33	1.37	1.39	0.97
NC_1270	1.06	1.18	1.27	1.38	1.30	1.13	1.32	**1.40**	1.27	0.91	0.78	0.59	0.51	0.51	0.35	0.33	0.26	0.26	0.27	0.19
NC_1271	2.58	3.60	4.31	4.52	4.50	4.66	5.17	5.23	**5.43**	4.17	3.71	3.14	2.71	2.78	1.92	1.85	1.41	1.45	1.47	1.03
NC_1272	0.16	0.18	0.21	0.23	0.21	0.19	0.22	**0.24**	0.21	0.15	0.13	0.10	0.09	0.09	0.06	0.05	0.04	0.04	0.04	0.03
NC_1273	2.99	4.35	5.47	6.31	6.85	7.99	**8.65**	8.52	8.65	7.20	7.69	6.95	6.37	6.23	4.79	4.93	4.11	4.25	4.35	3.05
NC_1274	1.77	2.02	2.28	2.30	2.20	2.06	2.25	**2.31**	2.30	1.66	1.40	1.10	0.95	0.95	0.65	0.62	0.48	0.49	0.50	0.35
NC_1275	2.35	3.11	3.66	3.89	3.83	3.87	**4.22**	4.13	4.20	3.23	2.85	2.36	2.03	2.08	1.45	1.40	1.07	1.10	1.11	0.79
NC_1276	1.20	1.34	1.32	**1.46**	1.38	1.16	1.34	1.39	1.24	0.86	0.74	0.55	0.48	0.47	0.32	0.31	0.24	0.24	0.25	0.18
NC_1277	1.10	1.28	1.50	1.55	1.47	1.37	1.59	**1.70**	1.66	1.21	1.03	0.82	0.71	0.71	0.48	0.47	0.36	0.36	0.37	0.26
NC_1278	8.66	9.55	9.94	**10.20**	9.74	8.76	9.17	9.21	8.91	6.19	5.28	3.95	3.43	3.43	2.33	2.24	1.73	1.77	1.79	1.29
NC_1279	11.85	13.74	14.84	**14.87**	14.24	13.36	13.88	13.67	13.77	9.92	8.36	6.47	5.63	5.62	3.82	3.78	2.84	2.90	2.94	2.11
NC_1280	1.91	2.13	2.04	**2.22**	2.11	1.80	1.96	2.01	1.82	1.24	1.06	0.78	0.68	0.68	0.46	0.44	0.34	0.35	0.35	0.26
NC_1281	0.79	0.92	0.86	**0.95**	0.89	0.77	0.85	0.88	0.79	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_1282	0.58	0.67	0.63	**0.70**	0.66	0.56	0.64	0.67	0.60	0.39	0.33	0.24	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_1283	8.41	9.20	9.45	**9.84**	9.38	8.30	8.81	8.90	8.45	5.87	5.02	3.73	3.24	3.23	2.20	2.11	1.63	1.67	1.69	1.21
NC_1284	1.32	1.50	1.41	**1.55**	1.47	1.25	1.37	1.41	1.27	0.85	0.73	0.53	0.46	0.46	0.31	0.30	0.23	0.24	0.24	0.17
NC_1285	0.70	0.82	0.75	**0.85**	0.81	0.67	0.78	0.81	0.73	0.47	0.41	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.10
NC_1286	0.58	0.68	0.63	**0.71**	0.66	0.56	0.64	0.66	0.60	0.38	0.33	0.24	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_1287	0.55	0.64	0.59	**0.68**	0.64	0.53	0.62	0.65	0.58	0.38	0.33	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.08
NC_1288	1.74	1.95	1.88	**2.07**	1.97	1.64	1.87	1.93	1.71	1.19	1.02	0.76	0.66	0.65	0.44	0.43	0.33	0.34	0.34	0.25
NC_1289	0.54	0.63	0.58	**0.66**	0.62	0.52	0.60	0.63	0.57	0.36	0.31	0.23	0.20	0.20	0.13	0.13	0.10	0.10	0.10	0.07
NC_1290	1.06	1.19	1.17	**1.30**	1.23	1.03	1.19	1.24	1.11	0.77	0.66	0.49	0.42	0.42	0.29	0.28	0.21	0.22	0.22	0.16
NC_1291	0.64	0.74	0.69	**0.79**	0.74	0.61	0.72	0.76	0.68	0.45	0.39	0.29	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_1292	0.71	0.81	0.81	**0.90**	0.85	0.71	0.85	0.90	0.80	0.56	0.48	0.36	0.31	0.31	0.21	0.20	0.15	0.16	0.16	0.11
NC_1293	1.13	1.25	1.30	**1.42**	1.34	1.15	1.33	1.40	1.25	0.89	0.76	0.58	0.50	0.50	0.34	0.33	0.25	0.26	0.26	0.18
NC_1294	1.60	1.73	1.94	2.02	1.92	1.73	1.93	**2.03**	1.93	1.39	1.19	0.92	0.80	0.80	0.55	0.53	0.40	0.41	0.42	0.30
NC_1295	0.51	0.60	0.56	**0.64**	0.60	0.49	0.59	0.62	0.56	0.37	0.32	0.23	0.20	0.20	0.14	0.13	0.10	0.10	0.11	0.07
NC_1296	4.09	4.56	4.92	**5.09**	4.84	4.36	4.78	4.92	4.73	3.33	2.84	2.16	1.87	1.87	1.27	1.22	0.94	0.96	0.97	0.69
NC_1297	4.25	5.59	6.51	6.69	6.47	6.45	7.19	7.19	**7.32**	5.55	4.84	4.03	3.46	3.51	2.44	2.35	1.80	1.84	1.87	1.32
NC_1298	0.59	0.69	0.64	**0.72**	0.68	0.57	0.65	0.68	0.61	0.39	0.34	0.25	0.21	0.21	0.15	0.14	0.11	0.11	0.11	0.08
NC_1299	0.56	0.65	0.60	**0.69**	0.65	0.54	0.63	0.66	0.60	0.39	0.33	0.25	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_1300	0.60	0.70	0.65	**0.75**	0.70	0.58	0.69	0.72	0.65	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_1301	10.93	17.16	24.04	29.44	33.08	39.96	43.90	43.28	**43.92**	34.42	36.53	31.74	28.24	28.91	21.19	20.59	16.12	16.80	16.80	11.79
NC_1302	0.61	0.71	0.66	**0.74**	0.70	0.59	0.67	0.70	0.63	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_1303	0.81	0.88	0.99	**1.03**	0.98	0.88	0.98	1.02	0.97	0.70	0.59	0.45	0.39	0.39	0.27	0.26	0.20	0.20	0.20	0.15
NC_1304	4.05	5.23	5.94	6.07	5.81	5.71	6.42	6.50	**6.59**	4.98	4.28	3.53	3.03	3.07	2.13	2.05	1.57	1.61	1.63	1.15
NC_1305	0.60	0.70	0.64	**0.74**	0.69	0.58	0.67	0.70	0.63	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.12	0.12	0.08
NC_1306	1.08	1.22	1.17	**1.31**	1.24	1.03	1.19	1.23	1.10	0.75	0.64	0.47	0.41	0.41	0.28	0.27	0.21	0.21	0.21	0.15
NC_1307	1.65	1.83	1.87	**2.01**	1.91	1.65	1.85	1.92	1.75	1.23	1.05	0.79	0.68	0.68	0.46	0.45	0.34	0.35	0.36	0.25
NC_1308	0.56	0.65	0.61	**0.68**	0.64	0.54	0.62	0.65	0.59	0.38	0.32	0.24	0.21	0.21	0.14	0.13	0.10	0.11	0.11	0.08
NC_1309	0.99	1.13	1.07	**1.20**	1.13	0.94	1.08	1.12	1.01	0.67	0.58	0.42	0.37	0.37	0.25	0.24	0.18	0.19	0.19	0.14
NC_1310	5.36	6.07	6.60	**6.76**	6.43	5.89	6.38	6.51	6.42	4.52	3.84	2.95	2.55	2.56	1.73	1.67	1.28	1.31	1.33	0.94
NC_1311	4.10	4.59	4.96	**5.14**	4.89	4.41	4.84	4.98	4.80	3.38	2.88	2.20	1.90	1.91	1.29	1.24	0.95	0.98	0.99	0.70
NC_1312	1.09	1.20	1.26	**1.35**	1.28	1.12	1.27	1.33	1.19	0.87	0.74	0.57	0.49	0.49	0.33	0.32	0.25	0.25	0.26	0.18

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1313	1.39	1.55	1.54	**1.69**	1.60	1.35	1.55	1.61	1.44	1.01	0.87	0.64	0.56	0.56	0.38	0.36	0.28	0.29	0.29	0.21
NC_1314	0.57	0.67	0.62	**0.70**	0.66	0.55	0.64	0.66	0.60	0.38	0.33	0.24	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_1315	0.60	0.69	0.64	**0.74**	0.70	0.57	0.68	0.71	0.64	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_1316	0.61	0.70	0.66	**0.76**	0.71	0.58	0.70	0.73	0.65	0.43	0.37	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_1317	2.27	2.50	2.64	**2.81**	2.66	2.33	2.62	2.73	2.53	1.78	1.52	1.15	0.99	1.00	0.67	0.65	0.50	0.51	0.52	0.37
NC_1318	0.67	0.78	0.72	**0.82**	0.78	0.65	0.75	0.79	0.71	0.46	0.40	0.29	0.25	0.25	0.17	0.17	0.13	0.13	0.13	0.09
NC_1319	3.64	4.36	5.17	6.47	7.39	9.46	10.52	10.53	**10.62**	8.88	8.43	7.57	6.23	5.65	4.87	4.95	4.22	4.33	4.40	3.22
NC_1320	1.22	1.37	1.32	**1.47**	1.39	1.16	1.33	1.38	1.24	0.85	0.73	0.54	0.47	0.46	0.31	0.30	0.23	0.24	0.24	0.17
NC_1321	4.03	5.10	5.92	6.33	6.38	6.58	**7.11**	6.99	7.06	5.59	5.20	4.37	3.81	3.84	2.80	2.70	2.08	2.17	2.23	1.70
NC_1322	3.97	5.04	5.86	6.29	6.39	6.65	**7.17**	7.04	7.08	5.63	5.28	4.43	3.87	3.88	2.86	2.76	2.13	2.22	2.28	1.74
NC_1323	0.34	0.40	0.39	**0.44**	0.42	0.34	0.42	0.44	0.39	0.26	0.22	0.17	0.14	0.14	0.10	0.09	0.07	0.07	0.07	0.05
NC_1324	11.25	15.29	18.44	20.39	21.27	23.07	24.97	24.64	**24.98**	19.77	20.13	17.18	18.66	15.31	11.70	14.92	13.28	13.99	13.90	10.65
NC_1325	4.40	5.48	6.25	6.40	6.18	6.47	7.17	7.53	**7.65**	5.90	5.23	4.49	3.83	3.94	2.80	2.70	2.08	2.13	2.16	1.52
NC_1326	0.38	0.44	0.44	0.50	0.47	0.39	0.47	**0.50**	0.45	0.31	0.26	0.20	0.17	0.17	0.12	0.11	0.09	0.09	0.09	0.06
NC_1327	3.51	4.82	5.84	6.46	6.55	6.94	7.59	7.51	**7.71**	5.99	5.86	4.92	4.21	4.36	3.20	3.09	2.39	2.45	2.48	1.75
NC_1328	0.85	0.92	1.00	**1.05**	1.00	0.89	0.97	1.01	0.94	0.67	0.57	0.43	0.38	0.38	0.25	0.25	0.19	0.19	0.20	0.14
NC_1329	0.61	0.70	0.68	**0.77**	0.73	0.60	0.73	0.77	0.68	0.47	0.40	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.10
NC_1330	1.80	2.42	2.74	2.84	2.78	2.89	3.20	3.28	**3.37**	2.62	2.30	1.98	1.69	1.73	1.22	1.17	0.90	0.92	0.94	0.66
NC_1331	0.65	0.76	0.89	0.90	0.85	0.81	0.94	**1.02**	1.01	0.74	0.63	0.51	0.44	0.45	0.31	0.29	0.22	0.23	0.23	0.16
NC_1332	0.57	0.65	0.68	0.76	0.71	0.61	0.74	**0.80**	0.70	0.51	0.44	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_1333	2.88	3.80	4.48	4.78	4.82	5.10	5.63	5.55	**5.75**	4.48	4.34	3.70	3.14	3.27	2.36	2.28	1.76	1.80	1.83	1.29
NC_1334	2.01	2.78	3.33	3.50	3.50	3.66	4.08	4.10	**4.25**	3.27	3.02	2.59	2.20	2.27	1.61	1.56	1.19	1.22	1.24	0.87
NC_1335	4.17	4.74	5.43	5.53	5.25	4.98	5.71	**6.08**	6.07	4.53	3.88	3.19	2.74	2.79	1.92	1.85	1.42	1.45	1.47	1.04
NC_1336	3.14	3.57	3.98	4.05	3.85	3.60	4.04	4.23	**4.24**	3.11	2.68	2.19	1.89	1.92	1.32	1.27	0.97	1.00	1.01	0.71
NC_1337	6.45	7.79	8.73	8.85	8.43	8.10	9.15	9.50	**9.59**	7.12	6.11	5.01	4.31	4.37	3.00	2.89	2.22	2.27	2.30	1.62
NC_1338	1.56	1.73	1.80	**1.97**	1.86	1.60	1.85	1.95	1.76	1.25	1.07	0.81	0.70	0.70	0.48	0.46	0.35	0.36	0.36	0.26
NC_1339	0.61	0.75	0.88	0.90	0.85	0.90	1.00	**1.12**	1.12	0.85	0.73	0.63	0.53	0.55	0.38	0.36	0.28	0.28	0.29	0.20
NC_1340	0.52	0.60	0.57	**0.65**	0.61	0.50	0.61	0.64	0.57	0.38	0.33	0.24	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_1341	1.13	1.24	1.39	1.48	1.40	1.25	1.48	**1.62**	1.52	1.13	0.98	0.80	0.69	0.70	0.48	0.47	0.36	0.37	0.37	0.26
NC_1342	0.53	0.60	0.72	0.74	0.70	0.66	0.78	**0.87**	0.84	0.62	0.53	0.44	0.37	0.38	0.26	0.25	0.19	0.20	0.20	0.14
NC_1343	2.21	2.42	2.76	2.86	2.71	2.49	2.87	**3.10**	3.00	2.22	1.91	1.55	1.33	1.36	0.93	0.90	0.69	0.71	0.72	0.50
NC_1344	0.71	0.80	0.85	0.94	0.89	0.76	0.92	**1.00**	0.88	0.65	0.56	0.44	0.38	0.38	0.26	0.25	0.19	0.19	0.20	0.14
NC_1345	0.37	0.42	0.46	0.51	0.48	0.41	0.50	**0.54**	0.48	0.35	0.30	0.23	0.20	0.20	0.14	0.13	0.10	0.10	0.10	0.07
NC_1346	0.47	0.54	0.54	0.61	0.58	0.48	0.59	**0.63**	0.55	0.39	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1347	2.44	2.71	3.00	3.21	3.03	2.69	3.13	**3.34**	3.08	2.23	1.91	1.48	1.27	1.28	0.87	0.84	0.64	0.66	0.66	0.47
NC_1348	0.52	0.61	0.56	**0.65**	0.61	0.50	0.60	0.62	0.56	0.37	0.31	0.23	0.20	0.20	0.14	0.13	0.10	0.10	0.10	0.07
NC_1349	1.59	1.76	1.82	**1.97**	1.87	1.61	1.84	1.93	1.73	1.24	1.06	0.81	0.70	0.70	0.47	0.46	0.35	0.36	0.36	0.26
NC_1350	7.81	9.05	10.07	10.26	9.75	9.08	10.04	10.33	**10.34**	7.38	6.30	4.93	4.25	4.29	2.91	2.80	2.15	2.20	2.23	1.57
NC_1351	1.12	1.25	1.25	**1.38**	1.30	1.10	1.28	1.33	1.19	0.83	0.71	0.53	0.46	0.46	0.31	0.30	0.23	0.24	0.24	0.17
NC_1352	0.66	0.76	0.71	**0.81**	0.77	0.63	0.75	0.78	0.70	0.47	0.40	0.30	0.26	0.26	0.17	0.17	0.13	0.13	0.13	0.10
NC_1353	0.56	0.64	0.61	**0.70**	0.66	0.53	0.64	0.68	0.61	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.12	0.08
NC_1354	1.61	1.77	1.85	**2.00**	1.89	1.64	1.87	1.97	1.78	1.28	1.09	0.83	0.72	0.72	0.49	0.47	0.36	0.37	0.38	0.27
NC_1355	1.07	1.20	1.20	**1.32**	1.25	1.05	1.22	1.28	1.13	0.79	0.68	0.51	0.44	0.44	0.30	0.29	0.22	0.23	0.23	0.16
NC_1356	8.00	9.55	10.54	10.73	10.21	9.60	10.60	10.82	**10.92**	7.84	6.71	5.29	4.56	4.62	3.13	3.01	2.31	2.36	2.39	1.69
NC_1357	0.37	0.43	0.40	**0.45**	0.42	0.36	0.41	0.42	0.39	0.24	0.21	0.15	0.13	0.13	0.09	0.09	0.07	0.07	0.07	0.05
NC_1358	2.17	2.35	2.64	**2.71**	2.58	2.35	2.56	2.67	2.57	1.83	1.56	1.19	1.03	1.04	0.70	0.68	0.52	0.53	0.54	0.38
NC_1359	0.61	0.71	0.66	**0.75**	0.71	0.59	0.69	0.72	0.65	0.43	0.37	0.27	0.24	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_1360	1.10	1.24	1.23	**1.36**	1.28	1.08	1.25	1.31	1.18	0.81	0.70	0.52	0.45	0.45	0.30	0.29	0.23	0.23	0.23	0.17
NC_1361	1.61	2.28	2.78	3.12	3.37	5.34	**6.17**	5.95	6.07	4.76	5.23	4.40	3.93	3.57	2.90	2.99	2.65	2.71	2.79	2.04
NC_1362	2.56	2.83	3.08	**3.19**	3.03	2.74	3.01	3.12	2.99	2.12	1.81	1.39	1.20	1.20	0.82	0.79	0.60	0.62	0.63	0.44
NC_1363	2.16	2.37	2.51	**2.68**	2.54	2.22	2.50	2.62	2.40	1.71	1.47	1.11	0.96	0.96	0.65	0.63	0.48	0.49	0.50	0.36
NC_1364	0.93	1.05	1.02	**1.14**	1.08	0.89	1.04	1.08	0.97	0.66	0.57	0.42	0.36	0.36	0.24	0.24	0.18	0.18	0.19	0.13
NC_1365	5.54	6.28	6.89	**7.04**	6.70	6.16	6.70	6.85	6.78	4.81	4.09	3.16	2.73	2.74	1.86	1.79	1.37	1.41	1.43	1.01
NC_1366	3.49	3.86	4.19	**4.35**	4.13	3.72	4.09	4.23	4.06	2.87	2.45	1.88	1.62	1.63	1.10	1.06	0.82	0.83	0.85	0.60
NC_1367	1.71	1.86	1.98	**2.10**	1.99	1.75	1.94	2.02	1.88	1.33	1.14	0.86	0.74	0.74	0.50	0.48	0.37	0.38	0.39	0.27
NC_1368	2.15	2.39	2.79	2.87	2.77	2.96	3.23	**3.46**	3.44	2.70	2.47	2.16	1.84	1.92	1.34	1.30	1.00	1.02	1.03	0.73
NC_1369	0.54	0.63	0.59	**0.67**	0.63	0.52	0.61	0.64	0.57	0.37	0.32	0.23	0.20	0.20	0.14	0.13	0.10	0.10	0.11	0.08
NC_1370	1.23	1.37	1.39	**1.53**	1.44	1.23	1.42	1.49	1.33	0.94	0.81	0.61	0.53	0.53	0.36	0.34	0.26	0.27	0.27	0.19
NC_1371	7.24	11.04	15.28	18.88	21.82	28.69	33.90	36.36	**37.50**	33.49	32.69	32.48	28.90	26.45	21.44	22.26	18.85	19.17	20.83	14.43
NC_1372	1.29	1.44	1.48	**1.60**	1.52	1.30	1.49	1.56	1.42	1.00	0.86	0.64	0.56	0.56	0.38	0.36	0.28	0.29	0.29	0.21
NC_1373	5.26	9.32	12.97	16.07	18.60	24.34	28.23	29.42	**30.15**	26.34	26.39	25.34	22.70	20.98	16.83	17.27	14.34	14.53	16.05	11.77
NC_1374	0.37	0.43	0.40	**0.45**	0.43	0.36	0.41	0.43	0.39	0.24	0.21	0.15	0.13	0.13	0.09	0.09	0.07	0.07	0.07	0.05
NC_1375	0.74	0.85	0.84	**0.94**	0.88	0.74	0.88	0.93	0.83	0.57	0.49	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_1376	1.47	1.62	1.66	**1.81**	1.71	1.47	1.68	1.76	1.59	1.12	0.96	0.73	0.63	0.63	0.43	0.41	0.32	0.32	0.33	0.23
NC_1377	0.53	0.59	0.67	0.73	0.69	0.61	0.74	**0.80**	0.73	0.54	0.46	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_1378	0.46	0.53	0.54	0.61	0.57	0.48	0.59	**0.63**	0.55	0.39	0.33	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1379	1.92	2.24	2.55	2.60	2.47	2.38	2.75	2.95	**2.96**	2.24	1.96	1.65	1.41	1.44	1.01	0.97	0.75	0.76	0.77	0.55
NC_1380	2.55	2.80	3.02	**3.15**	2.99	2.68	2.98	3.11	2.96	2.13	1.83	1.42	1.23	1.24	0.85	0.82	0.63	0.64	0.65	0.46
NC_1381	0.51	0.58	0.60	0.67	0.63	0.53	0.65	**0.69**	0.61	0.44	0.38	0.29	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_1382	0.78	0.90	0.85	**0.97**	0.91	0.75	0.89	0.94	0.84	0.57	0.49	0.36	0.31	0.31	0.21	0.20	0.16	0.16	0.16	0.12
NC_1383	1.39	1.52	1.75	1.79	1.70	1.57	1.75	**1.85**	1.79	1.30	1.11	0.87	0.75	0.75	0.51	0.50	0.38	0.39	0.39	0.28
NC_1384	1.08	1.21	1.22	**1.35**	1.27	1.08	1.25	1.31	1.17	0.82	0.70	0.52	0.45	0.45	0.31	0.30	0.23	0.23	0.24	0.17
NC_1385	0.64	0.74	0.69	**0.77**	0.72	0.61	0.69	0.72	0.65	0.41	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1386	7.38	10.58	13.28	15.39	16.88	20.06	21.78	21.49	**21.87**	18.29	19.37	17.22	15.34	15.23	11.88	11.92	9.50	9.73	9.90	7.04
NC_1387	1.43	1.54	1.80	1.84	1.75	1.64	1.85	**2.00**	1.95	1.48	1.26	1.05	0.90	0.92	0.64	0.62	0.47	0.49	0.49	0.35
NC_1388	1.30	1.72	2.02	2.14	2.16	2.28	2.52	2.50	**2.58**	2.02	1.90	1.63	1.38	1.44	1.03	1.00	0.77	0.78	0.79	0.56
NC_1389	0.51	0.59	0.57	**0.65**	0.61	0.50	0.61	0.64	0.57	0.39	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1390	2.00	2.21	2.27	**2.46**	2.33	2.00	2.28	2.38	2.15	1.52	1.30	0.98	0.84	0.85	0.57	0.55	0.42	0.43	0.44	0.31
NC_1391	0.62	0.72	0.68	**0.78**	0.73	0.60	0.72	0.75	0.68	0.45	0.39	0.29	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_1392	0.95	1.07	1.05	**1.17**	1.10	0.92	1.07	1.12	1.01	0.69	0.59	0.44	0.38	0.38	0.26	0.25	0.19	0.19	0.20	0.14
NC_1393	11.35	15.90	19.63	22.40	24.27	28.22	**30.56**	30.08	30.51	25.46	27.07	24.05	21.39	21.20	16.50	16.65	13.33	13.64	13.87	9.85
NC_1394	3.98	5.34	6.33	6.82	6.92	7.26	7.95	7.91	**8.09**	6.31	6.62	5.73	4.95	5.04	3.83	3.84	3.04	3.11	3.15	2.22
NC_1395	4.19	5.56	6.52	6.91	6.82	7.11	7.83	7.84	**8.06**	6.26	6.53	5.62	4.82	5.00	3.75	3.72	2.95	3.02	3.06	2.16
NC_1396	1.08	1.36	1.52	1.55	1.47	1.45	1.68	1.78	**1.81**	1.36	1.16	0.97	0.83	0.84	0.58	0.56	0.43	0.44	0.44	0.31
NC_1397	0.68	0.79	0.73	**0.84**	0.79	0.66	0.77	0.80	0.72	0.47	0.41	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.10
NC_1398	1.50	1.66	1.90	1.90	1.82	1.71	1.84	**1.91**	1.87	1.37	1.15	0.90	0.78	0.78	0.53	0.51	0.39	0.40	0.41	0.29
NC_1399	0.60	0.70	0.64	**0.74**	0.69	0.58	0.67	0.70	0.63	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_1400	0.56	0.65	0.62	**0.71**	0.67	0.54	0.66	0.69	0.62	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_1401	0.87	0.95	0.96	**1.02**	0.97	0.84	0.92	0.93	0.87	0.60	0.51	0.38	0.33	0.33	0.22	0.21	0.16	0.17	0.17	0.12
NC_1402	0.04	**0.04**	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
NC_1403	0.81	0.88	0.98	1.04	0.98	0.88	1.02	**1.10**	1.02	0.76	0.64	0.51	0.44	0.44	0.30	0.29	0.22	0.23	0.23	0.17
NC_1404	1.36	1.48	1.58	1.67	1.59	1.41	1.60	**1.69**	1.58	1.15	0.98	0.78	0.67	0.67	0.46	0.44	0.34	0.35	0.35	0.25
NC_1405	1.30	1.64	1.81	1.86	1.80	1.83	2.02	**2.13**	2.10	1.63	1.34	1.14	0.98	0.99	0.69	0.66	0.51	0.53	0.58	0.43
NC_1406	0.04	**0.05**	0.05	0.05	0.05	0.04	0.05	0.05	0.05	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
NC_1407	0.19	0.23	0.21	**0.25**	0.23	0.19	0.23	0.24	0.22	0.14	0.12	0.09	0.08	0.08	0.05	0.05	0.04	0.04	0.04	0.03
NC_1408	1.48	1.63	1.69	**1.83**	1.73	1.49	1.71	1.79	1.62	1.15	0.99	0.75	0.65	0.65	0.44	0.42	0.32	0.33	0.34	0.24
NC_1409	0.79	0.91	0.87	**0.99**	0.93	0.77	0.92	0.97	0.87	0.59	0.51	0.38	0.33	0.33	0.23	0.22	0.17	0.17	0.17	0.12
NC_1410	0.62	0.72	0.67	**0.75**	0.71	0.60	0.68	0.71	0.64	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.12	0.12	0.08
NC_1411	1.28	1.47	1.39	**1.56**	1.48	1.22	1.43	1.49	1.33	0.91	0.78	0.58	0.51	0.51	0.34	0.33	0.26	0.26	0.26	0.19
NC_1412	1.38	1.59	1.77	**1.79**	1.70	1.60	1.72	1.75	1.75	1.26	1.06	0.83	0.72	0.72	0.49	0.47	0.36	0.37	0.37	0.27
NC_1413	0.27	0.32	0.30	**0.33**	0.31	0.27	0.30	0.31	0.29	0.17	0.15	0.11	0.10	0.09	0.06	0.06	0.05	0.05	0.05	0.04
NC_1414	0.66	0.77	0.72	**0.79**	0.74	0.64	0.71	0.74	0.67	0.42	0.37	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_1415	2.91	3.54	3.89	3.92	3.75	3.62	3.96	4.02	**4.03**	3.06	2.57	2.13	1.84	1.86	1.28	1.23	0.95	0.97	0.98	0.70
NC_1416	1.63	1.78	1.89	**1.98**	1.88	1.69	1.87	1.97	1.87	1.35	1.15	0.91	0.79	0.79	0.54	0.52	0.40	0.41	0.41	0.29
NC_1417	2.21	2.53	2.83	2.82	2.70	2.57	2.79	2.86	**2.88**	2.14	1.80	1.47	1.27	1.28	0.87	0.84	0.65	0.66	0.67	0.48
NC_1418	0.67	0.79	0.74	**0.80**	0.75	0.65	0.71	0.74	0.67	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_1419	2.67	3.41	3.87	3.94	3.81	3.77	4.13	4.10	**4.13**	3.18	2.74	2.32	1.99	2.02	1.40	1.35	1.04	1.06	1.08	0.77
NC_1420	5.76	7.05	7.84	7.95	7.61	7.39	8.21	**8.37**	8.33	6.34	5.37	4.49	3.87	3.91	2.71	2.61	2.02	2.06	2.09	1.49
NC_1421	18.11	25.01	30.71	35.42	39.25	47.97	53.74	54.37	**55.32**	47.64	47.54	45.26	40.37	36.61	29.80	31.68	26.47	27.14	27.63	19.83
NC_1422	1.38	1.56	1.47	**1.59**	1.51	1.30	1.40	1.43	1.29	0.86	0.74	0.54	0.47	0.47	0.32	0.31	0.24	0.24	0.25	0.18
NC_1423	4.36	4.78	5.02	**5.26**	5.00	4.43	4.84	4.99	4.70	3.32	2.84	2.15	1.86	1.86	1.27	1.22	0.94	0.96	0.97	0.69
NC_1424	0.42	0.47	0.49	0.55	0.52	0.44	0.54	**0.57**	0.50	0.36	0.31	0.23	0.20	0.20	0.14	0.13	0.10	0.10	0.10	0.07
NC_1425	13.11	18.22	22.52	26.17	28.86	34.82	38.70	38.91	**39.63**	33.80	34.54	32.09	28.60	26.53	21.06	21.90	18.32	18.78	19.09	13.51
NC_1426	1.66	1.80	1.95	**2.07**	1.96	1.73	1.94	2.03	1.87	1.34	1.14	0.87	0.75	0.75	0.51	0.49	0.38	0.39	0.39	0.28
NC_1427	3.40	3.71	3.78	**3.97**	3.79	3.31	3.55	3.60	3.37	2.35	2.01	1.49	1.30	1.29	0.88	0.85	0.65	0.67	0.68	0.48
NC_1428	1.69	1.89	1.79	**1.95**	1.85	1.58	1.71	1.75	1.58	1.06	0.92	0.67	0.58	0.58	0.39	0.38	0.29	0.30	0.31	0.22
NC_1429	1.27	1.46	1.37	**1.49**	1.41	1.21	1.32	1.36	1.23	0.80	0.69	0.51	0.44	0.44	0.30	0.29	0.22	0.23	0.23	0.17
NC_1430	1.35	1.55	1.44	**1.61**	1.52	1.28	1.45	1.50	1.34	0.89	0.77	0.57	0.49	0.49	0.33	0.32	0.25	0.25	0.26	0.18
NC_1431	1.54	1.74	1.65	**1.79**	1.70	1.46	1.58	1.62	1.47	0.98	0.84	0.62	0.54	0.53	0.36	0.35	0.27	0.28	0.28	0.20
NC_1432	2.31	2.54	2.56	**2.74**	2.61	2.25	2.48	2.54	2.33	1.63	1.40	1.04	0.91	0.90	0.61	0.59	0.46	0.47	0.47	0.34
NC_1433	7.96	8.88	9.55	**9.66**	9.24	8.50	8.89	8.88	8.79	6.22	5.26	4.01	3.48	3.48	2.36	2.27	1.76	1.80	1.82	1.30
NC_1434	12.53	14.51	15.89	**16.02**	15.30	14.32	15.22	15.24	15.30	11.01	9.35	7.27	6.30	6.32	4.29	4.13	3.18	3.25	3.30	2.35
NC_1435	2.49	2.89	3.23	**3.24**	3.10	2.93	3.17	3.22	3.22	2.36	1.97	1.57	1.36	1.36	0.93	0.89	0.69	0.70	0.71	0.51
NC_1436	0.71	0.81	0.81	0.91	0.86	0.72	0.87	**0.92**	0.81	0.58	0.50	0.38	0.33	0.33	0.22	0.21	0.16	0.17	0.17	0.12
NC_1437	0.64	0.74	0.69	**0.77**	0.73	0.61	0.70	0.73	0.66	0.42	0.37	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_1438	1.39	1.59	1.47	**1.66**	1.57	1.32	1.50	1.55	1.39	0.93	0.80	0.59	0.51	0.51	0.35	0.34	0.26	0.26	0.27	0.19
NC_1439	0.35	0.39	0.46	0.50	0.47	0.41	0.50	**0.54**	0.49	0.36	0.30	0.24	0.21	0.21	0.14	0.13	0.10	0.11	0.11	0.07
NC_1440	2.00	2.20	2.23	**2.39**	2.27	1.96	2.17	2.23	2.05	1.43	1.23	0.92	0.79	0.79	0.54	0.52	0.40	0.41	0.41	0.30
NC_1441	0.60	0.71	0.66	**0.73**	0.69	0.59	0.66	0.68	0.62	0.39	0.34	0.25	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_1442	1.11	1.26	1.20	**1.35**	1.27	1.06	1.22	1.27	1.15	0.77	0.66	0.49	0.42	0.42	0.29	0.28	0.21	0.22	0.22	0.16
NC_1443	10.73	12.90	14.17	**14.34**	13.69	12.93	13.97	14.01	14.13	10.22	8.72	6.86	5.94	5.98	4.05	3.90	3.00	3.07	3.11	2.21
NC_1444	0.59	0.69	0.64	**0.71**	0.67	0.57	0.64	0.67	0.60	0.38	0.33	0.24	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_1445	0.64	0.74	0.69	**0.77**	0.73	0.61	0.70	0.73	0.66	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_1446	4.97	5.97	6.56	6.64	6.33	6.01	6.62	6.74	**6.85**	5.01	4.35	3.52	3.03	3.11	2.13	2.05	1.57	1.61	1.63	1.16
NC_1447	0.58	0.67	0.63	**0.70**	0.66	0.56	0.64	0.66	0.60	0.38	0.33	0.24	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_1448	12.45	17.13	23.42	28.60	32.51	40.74	45.84	45.96	**46.68**	38.15	39.30	35.84	32.40	31.98	24.22	24.23	19.18	19.79	19.85	13.96
NC_1449	1.77	1.97	1.93	**2.11**	2.01	1.69	1.91	1.98	1.76	1.23	1.06	0.78	0.68	0.68	0.46	0.44	0.34	0.35	0.35	0.25
NC_1450	0.74	0.86	0.80	**0.89**	0.84	0.71	0.80	0.83	0.75	0.48	0.42	0.30	0.26	0.26	0.18	0.17	0.13	0.14	0.14	0.10
NC_1451	0.74	0.85	0.79	**0.90**	0.85	0.70	0.83	0.86	0.78	0.51	0.44	0.33	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_1452	0.67	0.78	0.72	**0.82**	0.78	0.64	0.75	0.79	0.71	0.46	0.40	0.29	0.25	0.25	0.17	0.17	0.13	0.13	0.13	0.09
NC_1453	0.62	0.72	0.67	**0.75**	0.71	0.59	0.68	0.71	0.64	0.41	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_1454	1.80	1.99	1.98	**2.16**	2.05	1.73	1.97	2.03	1.81	1.28	1.09	0.81	0.71	0.71	0.48	0.46	0.36	0.36	0.37	0.26
NC_1455	1.19	1.54	1.78	1.88	1.92	2.04	2.25	2.31	**2.39**	1.87	1.71	1.49	1.26	1.31	0.92	0.89	0.69	0.70	0.71	0.50
NC_1456	0.50	0.58	0.57	**0.64**	0.60	0.50	0.61	0.64	0.57	0.39	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1457	0.47	0.53	0.65	0.68	0.64	0.60	0.72	**0.80**	0.76	0.57	0.49	0.41	0.35	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_1458	1.21	1.38	1.31	**1.48**	1.40	1.15	1.36	1.42	1.27	0.87	0.75	0.56	0.48	0.48	0.33	0.32	0.24	0.25	0.25	0.18

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1459	0.39	0.44	0.49	0.54	0.51	0.44	0.54	**0.58**	0.52	0.38	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1460	1.03	1.33	1.51	1.57	1.57	1.64	1.81	1.86	**1.93**	1.50	1.32	1.13	0.96	0.99	0.69	0.67	0.51	0.52	0.53	0.37
NC_1461	1.52	1.75	2.00	2.02	1.94	2.04	2.25	2.42	**2.45**	1.89	1.64	1.41	1.20	1.24	0.86	0.83	0.64	0.65	0.66	0.46
NC_1462	1.78	2.02	2.32	2.36	2.25	2.28	2.54	2.76	**2.76**	2.12	1.84	1.59	1.36	1.39	0.96	0.93	0.71	0.73	0.74	0.52
NC_1463	5.47	6.07	6.80	7.04	6.70	6.20	7.08	**7.56**	7.31	5.52	4.78	4.03	3.50	3.56	2.47	2.38	1.84	1.88	1.90	1.35
NC_1464	0.59	0.68	0.63	**0.72**	0.68	0.56	0.66	0.69	0.62	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_1465	8.36	10.31	11.42	11.57	11.03	10.55	11.72	11.96	**12.16**	8.96	7.81	6.43	5.55	5.65	3.86	3.72	2.85	2.92	2.96	2.09
NC_1466	0.61	0.71	0.66	**0.75**	0.71	0.59	0.68	0.71	0.64	0.42	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_1467	0.56	0.65	0.60	**0.68**	0.65	0.54	0.63	0.65	0.59	0.38	0.33	0.24	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_1468	0.59	0.69	0.64	**0.73**	0.69	0.57	0.67	0.70	0.63	0.41	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_1469	1.39	1.55	1.53	**1.68**	1.59	1.34	1.53	1.59	1.42	0.99	0.85	0.63	0.54	0.54	0.37	0.35	0.27	0.28	0.28	0.20
NC_1470	0.61	0.71	0.65	**0.74**	0.70	0.58	0.68	0.71	0.64	0.41	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_1471	1.46	1.64	1.62	**1.78**	1.68	1.42	1.62	1.69	1.50	1.05	0.90	0.67	0.58	0.58	0.39	0.38	0.29	0.30	0.30	0.22
NC_1472	0.55	0.65	0.60	**0.68**	0.64	0.54	0.62	0.65	0.58	0.38	0.32	0.24	0.21	0.21	0.14	0.13	0.10	0.11	0.11	0.08
NC_1473	0.57	0.67	0.62	**0.70**	0.66	0.55	0.63	0.66	0.60	0.38	0.33	0.24	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_1474	0.60	0.70	0.65	**0.73**	0.69	0.58	0.66	0.69	0.62	0.40	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1475	0.95	1.09	1.03	**1.17**	1.10	0.91	1.08	1.14	1.01	0.69	0.59	0.44	0.38	0.38	0.26	0.25	0.19	0.20	0.20	0.14
NC_1476	0.37	0.44	0.41	**0.45**	0.43	0.37	0.41	0.42	0.39	0.24	0.21	0.15	0.13	0.13	0.09	0.08	0.07	0.07	0.07	0.05
NC_1477	1.08	1.21	1.21	**1.33**	1.26	1.06	1.23	1.28	1.15	0.79	0.68	0.51	0.44	0.44	0.30	0.29	0.22	0.22	0.23	0.16
NC_1478	6.41	8.18	9.59	10.60	11.31	13.80	15.99	17.54	**18.44**	18.33	17.56	17.58	18.05	15.16	14.05	16.09	16.20	16.79	18.41	13.09
NC_1479	0.89	1.12	1.32	1.35	1.30	1.40	1.53	**1.73**	1.72	1.32	1.19	1.05	0.90	0.93	0.66	0.64	0.50	0.51	0.52	0.36
NC_1480	2.04	3.01	3.70	3.89	3.88	4.08	4.57	4.70	**4.87**	3.72	3.45	2.98	2.54	2.65	1.86	1.81	1.39	1.43	1.45	1.00
NC_1481	2.35	3.48	4.34	4.68	4.66	4.92	5.53	5.60	**5.82**	4.43	4.15	3.54	3.02	3.13	2.22	2.15	1.64	1.68	1.71	1.18
NC_1482	8.11	11.13	13.29	14.02	13.71	14.09	15.90	16.11	**16.63**	12.57	11.31	9.46	8.12	8.38	5.80	5.58	4.26	4.36	4.42	3.09
NC_1483	1.65	2.26	2.61	2.70	2.57	2.52	2.94	3.03	**3.11**	2.31	2.01	1.66	1.43	1.45	0.99	0.95	0.72	0.74	0.75	0.52
NC_1484	0.45	0.52	0.64	0.67	0.63	0.58	0.71	**0.79**	0.75	0.56	0.48	0.40	0.34	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_1485	0.86	0.96	1.07	1.16	1.09	0.96	1.16	**1.27**	1.15	0.85	0.74	0.60	0.51	0.52	0.36	0.34	0.26	0.27	0.27	0.19
NC_1486	0.43	0.51	0.62	0.64	0.60	0.57	0.68	**0.76**	0.73	0.55	0.47	0.39	0.33	0.34	0.23	0.22	0.17	0.18	0.18	0.12
NC_1487	3.55	4.69	5.49	5.72	5.59	5.58	6.12	6.01	**6.14**	4.69	4.10	3.39	2.94	2.98	2.05	1.97	1.52	1.55	1.57	1.11
NC_1488	2.10	2.69	3.06	3.16	3.16	3.29	3.59	3.60	**3.70**	2.90	2.64	2.27	1.96	2.02	1.43	1.38	1.06	1.09	1.10	0.78
NC_1489	5.14	9.16	12.39	14.97	16.88	20.54	22.39	22.09	**22.43**	18.23	19.73	17.26	15.21	15.04	11.57	11.51	9.51	9.45	10.91	8.15
NC_1490	0.60	0.71	0.86	0.89	0.84	0.82	0.96	**1.08**	1.05	0.79	0.69	0.58	0.50	0.51	0.35	0.34	0.26	0.27	0.27	0.19
NC_1491	4.00	4.62	5.07	**5.15**	4.91	4.57	4.95	5.03	5.02	3.60	3.07	2.39	2.07	2.08	1.42	1.36	1.05	1.07	1.09	0.77
NC_1492	11.86	13.69	14.79	**14.83**	14.20	13.31	13.82	13.63	13.72	9.89	8.31	6.43	5.59	5.58	3.79	3.75	2.82	2.88	2.92	2.10
NC_1493	13.99	17.64	19.94	20.41	19.63	20.19	22.37	22.85	**23.38**	19.70	20.79	18.52	16.84	17.71	13.85	14.10	11.27	11.53	11.77	8.38
NC_1494	1.48	1.64	1.65	**1.81**	1.71	1.45	1.66	1.73	1.54	1.09	0.93	0.70	0.60	0.60	0.41	0.39	0.30	0.31	0.31	0.22
NC_1495	1.23	1.42	1.33	**1.45**	1.37	1.18	1.29	1.33	1.20	0.78	0.67	0.49	0.43	0.43	0.29	0.28	0.22	0.22	0.22	0.16
NC_1496	1.64	1.82	1.80	**1.97**	1.87	1.58	1.79	1.86	1.66	1.16	1.00	0.74	0.64	0.64	0.43	0.42	0.32	0.33	0.33	0.24
NC_1497	2.53	2.72	2.89	**3.03**	2.89	2.54	2.77	2.85	2.65	1.88	1.60	1.20	1.04	1.04	0.71	0.68	0.53	0.54	0.54	0.39
NC_1498	0.40	0.46	0.45	0.52	0.48	0.40	0.49	**0.52**	0.46	0.31	0.27	0.20	0.17	0.18	0.12	0.11	0.09	0.09	0.09	0.06
NC_1499	0.53	0.62	0.57	**0.66**	0.62	0.51	0.61	0.63	0.57	0.37	0.32	0.24	0.21	0.21	0.14	0.13	0.10	0.11	0.11	0.08
NC_1500	3.80	4.25	4.72	4.86	4.62	4.23	4.69	**4.88**	4.77	3.41	2.91	2.27	1.96	1.97	1.34	1.29	0.99	1.01	1.03	0.73
NC_1501	14.30	19.19	22.83	24.65	25.54	29.04	34.99	40.40	**42.40**	38.76	35.64	38.49	34.95	32.51	25.60	27.49	23.54	24.08	25.82	17.98
NC_1502	0.47	0.56	0.52	**0.58**	0.54	0.46	0.52	0.54	0.49	0.31	0.27	0.19	0.17	0.17	0.11	0.11	0.08	0.09	0.09	0.06
NC_1503	2.36	2.56	2.76	**2.92**	2.77	2.44	2.72	2.84	2.63	1.88	1.60	1.22	1.05	1.06	0.72	0.69	0.53	0.54	0.55	0.39
NC_1504	0.42	0.49	0.46	**0.53**	0.50	0.40	0.49	0.52	0.47	0.31	0.26	0.19	0.17	0.17	0.11	0.11	0.08	0.09	0.09	0.06
NC_1505	0.25	0.30	0.28	**0.31**	0.29	0.25	0.28	0.29	0.26	0.16	0.14	0.10	0.09	0.09	0.06	0.06	0.04	0.04	0.05	0.03
NC_1506	1.87	2.06	2.11	**2.28**	2.16	1.86	2.11	2.21	2.01	1.43	1.22	0.93	0.81	0.81	0.55	0.53	0.41	0.42	0.42	0.30
NC_1507	1.94	2.13	2.21	**2.38**	2.26	1.96	2.22	2.32	2.09	1.50	1.29	0.98	0.85	0.85	0.58	0.55	0.43	0.44	0.44	0.31
NC_1508	0.82	0.94	0.90	**1.02**	0.96	0.80	0.95	1.00	0.89	0.61	0.53	0.39	0.34	0.34	0.23	0.22	0.17	0.18	0.18	0.13
NC_1509	1.27	1.44	1.43	1.59	1.50	1.27	1.51	**1.60**	1.40	1.01	0.87	0.67	0.58	0.58	0.40	0.38	0.29	0.30	0.30	0.22
NC_1510	3.19	3.54	3.88	**4.00**	3.80	3.46	3.81	3.95	3.84	2.74	2.34	1.81	1.57	1.58	1.07	1.03	0.79	0.81	0.82	0.58
NC_1511	0.72	0.84	0.77	**0.88**	0.83	0.69	0.81	0.84	0.76	0.50	0.43	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_1512	1.40	1.55	1.56	**1.71**	1.62	1.37	1.57	1.63	1.46	1.03	0.88	0.66	0.57	0.57	0.39	0.37	0.29	0.29	0.30	0.21
NC_1513	1.61	1.77	1.87	**2.02**	1.91	1.66	1.90	2.00	1.81	1.30	1.12	0.85	0.74	0.74	0.50	0.48	0.37	0.38	0.38	0.27
NC_1514	0.83	0.95	0.92	**1.04**	0.98	0.81	0.98	1.03	0.91	0.63	0.54	0.41	0.35	0.36	0.24	0.23	0.18	0.18	0.18	0.13
NC_1515	0.88	1.01	0.97	**1.09**	1.03	0.85	1.01	1.07	0.95	0.65	0.56	0.42	0.36	0.36	0.25	0.24	0.18	0.19	0.19	0.13
NC_1516	1.12	1.28	1.23	**1.39**	1.31	1.09	1.29	1.35	1.20	0.83	0.72	0.54	0.47	0.47	0.32	0.31	0.23	0.24	0.24	0.17
NC_1517	1.65	1.82	1.87	**2.02**	1.91	1.65	1.87	1.96	1.77	1.26	1.08	0.81	0.70	0.71	0.48	0.46	0.35	0.36	0.37	0.26
NC_1518	0.57	0.66	0.63	**0.72**	0.68	0.55	0.67	0.71	0.63	0.43	0.37	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_1519	1.11	1.23	1.29	**1.40**	1.32	1.14	1.31	1.38	1.24	0.89	0.76	0.58	0.50	0.50	0.34	0.33	0.25	0.26	0.26	0.18
NC_1520	3.23	5.45	7.02	7.84	8.08	8.63	9.55	9.62	**9.80**	7.44	7.24	6.06	5.14	5.37	3.75	3.73	2.80	2.86	2.97	2.12
NC_1521	2.72	2.98	3.17	**3.37**	3.20	2.81	3.18	3.34	3.08	2.21	1.90	1.46	1.26	1.27	0.86	0.83	0.64	0.65	0.66	0.47
NC_1522	4.06	4.49	4.73	**4.99**	4.74	4.19	4.65	4.84	4.52	3.22	2.75	2.10	1.82	1.82	1.24	1.19	0.92	0.94	0.95	0.68
NC_1523	3.31	3.72	4.06	**4.18**	3.98	3.63	3.99	4.13	4.04	2.88	2.46	1.91	1.65	1.66	1.13	1.09	0.84	0.86	0.87	0.61
NC_1524	1.45	1.65	1.61	**1.79**	1.69	1.41	1.66	1.75	1.55	1.09	0.94	0.71	0.61	0.61	0.42	0.40	0.31	0.32	0.32	0.23
NC_1525	3.51	5.95	7.54	8.15	8.13	8.55	9.54	9.75	**9.97**	7.54	7.04	5.94	5.02	5.27	3.66	3.57	2.68	2.73	2.85	2.03
NC_1526	3.36	4.09	4.39	4.45	4.37	4.38	4.64	4.63	**4.65**	3.89	3.42	2.89	2.50	2.54	1.81	1.75	1.35	1.38	1.43	1.09
NC_1527	0.95	1.07	1.02	**1.13**	1.07	0.90	1.01	1.04	0.94	0.62	0.54	0.39	0.34	0.34	0.23	0.22	0.17	0.17	0.18	0.13
NC_1528	0.64	0.74	0.69	**0.77**	0.73	0.61	0.69	0.72	0.65	0.41	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_1529	0.45	0.52	0.48	**0.56**	0.52	0.43	0.51	0.53	0.48	0.31	0.27	0.20	0.17	0.17	0.12	0.11	0.09	0.09	0.09	0.06
NC_1530	6.30	14.36	21.01	25.55	27.76	30.88	33.98	33.79	**34.61**	26.10	26.63	22.47	19.56	20.20	14.10	13.62	10.68	10.75	11.24	7.74
NC_1531	0.40	0.47	0.43	**0.50**	0.47	0.39	0.46	0.48	0.43	0.28	0.24	0.18	0.15	0.15	0.10	0.10	0.08	0.08	0.08	0.06

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1532	7.51	9.22	10.49	11.43	12.09	15.96	19.57	22.03	**22.85**	19.51	17.60	17.64	19.41	14.10	11.83	15.48	14.86	15.47	17.71	11.60
NC_1533	6.58	8.37	9.84	10.97	11.78	14.91	17.87	20.51	**21.33**	19.65	17.91	18.00	19.04	14.49	12.59	15.70	15.49	16.18	18.75	12.16
NC_1534	2.92	3.88	4.52	4.66	4.54	4.64	5.14	5.18	**5.29**	4.07	3.60	3.04	2.60	2.66	1.87	1.81	1.39	1.42	1.44	1.02
NC_1535	5.03	6.00	6.65	6.74	6.43	6.10	6.73	6.89	**6.91**	5.10	4.33	3.49	3.01	3.04	2.08	2.01	1.54	1.58	1.60	1.13
NC_1536	0.60	0.69	0.64	**0.73**	0.69	0.57	0.67	0.69	0.63	0.41	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.12	0.08
NC_1537	2.03	2.65	3.03	3.10	2.98	2.95	3.31	3.33	**3.40**	2.59	2.23	1.86	1.60	1.63	1.12	1.08	0.83	0.85	0.86	0.61
NC_1538	1.31	1.51	1.41	**1.54**	1.46	1.25	1.38	1.42	1.28	0.84	0.72	0.53	0.46	0.46	0.31	0.30	0.23	0.24	0.24	0.17

Appendix J

WBNM Sensitivity Results

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_1	1080	4846	44.03	42.74	10.16	46.77	8.54	8.54	28.30	42.57	41.65	42.57	-4.20	-9.0%
NC_2	360	4737	0.12	0.12	0.03	0.12	0.01	0.01	0.01	0.12	0.11	0.12	0.00	0.0%
NC_3	10	4388	0.06	0.06	0.01	0.06	0.06	0.06	0.03	0.05	0.05	0.06	0.00	0.0%
NC_4	540	4770	0.17	0.16	0.08	0.18	0.03	0.03	0.02	0.18	0.14	0.18	0.00	0.0%
NC_5	10	4389	1.88	1.86	0.04	1.86	1.84	1.86	0.99	0.69	1.27	1.86	0.00	0.0%
NC_6	10	4389	0.46	0.45	0.04	0.46	0.42	0.46	0.22	0.13	0.29	0.46	0.00	0.0%
NC_7	10	4389	0.38	0.36	0.03	0.37	0.36	0.37	0.18	0.11	0.23	0.37	0.00	0.0%
NC_8	360	4732	0.09	0.08	0.02	0.08	0.01	0.01	0.01	0.08	0.08	0.08	0.00	0.0%
NC_9	20	4451	0.55	0.55	0.06	0.55	0.50	0.53	0.33	0.22	0.39	0.53	-0.02	-3.6%
NC_10	45	4553	1.21	1.23	0.08	1.23	0.65	0.65	1.06	1.04	1.06	1.06	-0.17	-13.8%
NC_11	10	4389	1.14	1.13	0.04	1.13	1.08	1.13	0.56	0.40	0.74	1.13	0.00	0.0%
NC_12	10	4384	0.20	0.19	0.02	0.19	0.19	0.19	0.10	0.08	0.13	0.19	0.00	0.0%
NC_13	360	4740	0.07	0.06	0.02	0.06	0.04	0.04	0.02	0.06	0.06	0.06	0.00	0.0%
NC_14	10	4389	0.50	0.49	0.04	0.50	0.45	0.50	0.24	0.15	0.32	0.50	0.00	0.0%
NC_15	360	4737	0.23	0.23	0.05	0.24	0.03	0.03	0.04	0.24	0.21	0.24	0.00	0.0%
NC_16	10	4384	0.19	0.19	0.02	0.19	0.19	0.19	0.09	0.06	0.12	0.19	0.00	0.0%
NC_17	360	4740	0.07	0.06	0.02	0.06	0.02	0.02	0.02	0.06	0.06	0.06	0.00	0.0%
NC_18	10	4389	0.48	0.47	0.04	0.47	0.43	0.47	0.23	0.19	0.31	0.47	0.00	0.0%
NC_19	360	4737	0.12	0.11	0.03	0.11	0.03	0.03	0.02	0.11	0.10	0.11	0.00	0.0%
NC_20	360	4740	0.06	0.06	0.02	0.06	0.00	0.00	0.01	0.06	0.06	0.06	0.00	0.0%
NC_21	45	4554	1.55	1.58	0.11	1.58	0.85	0.85	1.36	1.29	1.33	1.36	-0.22	-13.9%
NC_22	10	4384	0.11	0.10	0.01	0.11	0.11	0.10	0.05	0.06	0.09	0.11	0.00	0.0%
NC_23	360	4736	0.40	0.39	0.09	0.41	0.04	0.04	0.05	0.42	0.35	0.42	0.01	2.4%
NC_24	360	4740	0.20	0.18	0.05	0.19	0.16	0.18	0.10	0.18	0.19	0.19	0.00	0.0%
NC_25	10	4389	0.29	0.28	0.03	0.28	0.28	0.28	0.14	0.08	0.18	0.28	0.00	0.0%
NC_26	360	4740	0.07	0.07	0.02	0.07	0.07	0.06	0.03	0.06	0.07	0.07	0.00	0.0%
NC_27	10	4389	0.30	0.29	0.03	0.29	0.29	0.29	0.15	0.07	0.18	0.29	0.00	0.0%
NC_28	10	4389	0.26	0.25	0.02	0.25	0.24	0.25	0.13	0.12	0.17	0.25	0.00	0.0%
NC_29	10	4389	0.35	0.33	0.03	0.34	0.33	0.34	0.17	0.10	0.21	0.34	0.00	0.0%
NC_30	540	4770	1.66	1.59	0.70	1.76	0.39	0.39	0.66	1.76	1.52	1.76	0.00	0.0%
NC_31	360	4740	0.07	0.06	0.02	0.06	0.03	0.03	0.02	0.06	0.06	0.06	0.00	0.0%
NC_32	360	4737	0.25	0.23	0.06	0.23	0.13	0.14	0.07	0.23	0.23	0.23	0.00	0.0%
NC_33	360	4740	0.07	0.06	0.02	0.06	0.03	0.03	0.02	0.06	0.06	0.06	0.00	0.0%
NC_34	540	4770	2.27	2.16	0.98	2.40	0.41	0.41	0.72	2.40	2.06	2.40	0.00	0.0%
NC_35	10	4384	0.11	0.11	0.01	0.11	0.11	0.11	0.06	0.09	0.10	0.11	0.00	0.0%
NC_36	360	4740	0.46	0.43	0.10	0.44	0.31	0.31	0.20	0.42	0.44	0.44	0.00	0.0%
NC_37	10	4384	0.19	0.18	0.02	0.18	0.18	0.18	0.09	0.06	0.12	0.18	0.00	0.0%
NC_38	10	4389	0.30	0.29	0.03	0.29	0.28	0.29	0.14	0.07	0.18	0.29	0.00	0.0%
NC_39	10	4391	0.08	0.08	0.01	0.09	0.09	0.08	0.04	0.07	0.08	0.09	0.00	0.0%
NC_40	540	4770	2.28	2.18	0.98	2.41	0.37	0.37	0.71	2.41	2.08	2.41	0.00	0.0%
NC_41	10	4389	0.33	0.33	0.03	0.33	0.30	0.33	0.18	0.13	0.23	0.33	0.00	0.0%
NC_42	10	4389	0.18	0.17	0.01	0.18	0.16	0.18	0.09	0.12	0.14	0.18	0.00	0.0%
NC_43	10	4389	0.36	0.36	0.03	0.36	0.33	0.36	0.17	0.13	0.24	0.36	0.00	0.0%
NC_44	10	4384	0.20	0.20	0.02	0.20	0.20	0.20	0.10	0.06	0.13	0.20	0.00	0.0%
NC_45	10	4389	0.29	0.28	0.03	0.28	0.27	0.28	0.14	0.08	0.18	0.28	0.00	0.0%
NC_46	360	4740	0.07	0.07	0.02	0.07	0.04	0.03	0.02	0.06	0.07	0.07	0.00	0.0%
NC_47	10	4389	0.60	0.59	0.04	0.60	0.54	0.60	0.29	0.16	0.38	0.60	0.00	0.0%
NC_48	10	4389	0.55	0.54	0.03	0.55	0.50	0.55	0.29	0.19	0.36	0.55	0.00	0.0%
NC_49	45	4550	3.76	3.73	0.14	3.74	1.92	1.92	3.65	3.56	3.69	3.69	-0.05	-1.3%
NC_50	360	4740	0.08	0.07	0.02	0.07	0.02	0.02	0.01	0.07	0.07	0.07	0.00	0.0%
NC_51	10	4389	0.58	0.57	0.03	0.58	0.54	0.58	0.28	0.20	0.38	0.58	0.00	0.0%
NC_52	10	4389	0.38	0.37	0.03	0.38	0.34	0.38	0.20	0.23	0.26	0.38	0.00	0.0%
NC_53	360	4740	0.39	0.36	0.09	0.37	0.31	0.32	0.17	0.35	0.37	0.37	0.00	0.0%
NC_54	10	4389	0.38	0.37	0.03	0.38	0.34	0.38	0.18	0.12	0.24	0.38	0.00	0.0%
NC_55	10	4384	0.16	0.15	0.02	0.16	0.16	0.15	0.08	0.06	0.11	0.16	0.00	0.0%
NC_56	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.06	0.14	0.22	0.00	0.0%
NC_57	10	4389	0.25	0.24	0.02	0.25	0.24	0.25	0.12	0.09	0.17	0.25	0.00	0.0%
NC_58	45	4550	3.70	3.68	0.13	3.68	1.88	1.88	3.62	3.55	3.71	3.71	0.03	0.8%
NC_59	10	4389	0.31	0.30	0.03	0.31	0.30	0.31	0.15	0.09	0.20	0.31	0.00	0.0%
NC_60	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.06	0.14	0.21	0.00	0.0%
NC_61	10	4384	0.16	0.15	0.02	0.15	0.15	0.15	0.08	0.08	0.11	0.15	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_62	20	4449	2.51	2.53	0.20	2.58	2.24	2.26	1.50	1.05	1.78	2.26	-0.32	-12.4%
NC_63	10	4389	0.24	0.24	0.02	0.24	0.24	0.24	0.12	0.06	0.15	0.24	0.00	0.0%
NC_64	20	4449	0.43	0.44	0.05	0.45	0.39	0.40	0.26	0.26	0.33	0.40	-0.05	-11.1%
NC_65	10	4389	0.39	0.37	0.04	0.38	0.37	0.38	0.19	0.09	0.23	0.38	0.00	0.0%
NC_66	10	4389	0.27	0.26	0.02	0.26	0.26	0.26	0.13	0.07	0.16	0.26	0.00	0.0%
NC_67	20	4449	0.59	0.59	0.06	0.59	0.54	0.56	0.35	0.34	0.42	0.56	-0.03	-5.1%
NC_68	10	4389	0.28	0.27	0.03	0.28	0.27	0.28	0.14	0.07	0.17	0.28	0.00	0.0%
NC_69	25	4487	0.63	0.62	0.05	0.62	0.49	0.50	0.44	0.40	0.47	0.50	-0.12	-19.4%
NC_70	10	4384	0.21	0.20	0.02	0.21	0.21	0.20	0.10	0.06	0.13	0.21	0.00	0.0%
NC_71	10	4384	0.19	0.19	0.02	0.19	0.19	0.19	0.09	0.06	0.12	0.19	0.00	0.0%
NC_72	10	4384	0.21	0.21	0.02	0.21	0.21	0.21	0.10	0.06	0.14	0.21	0.00	0.0%
NC_73	10	4389	0.40	0.39	0.03	0.40	0.36	0.40	0.22	0.17	0.27	0.40	0.00	0.0%
NC_74	10	4391	0.07	0.07	0.01	0.07	0.07	0.07	0.04	0.06	0.07	0.07	0.00	0.0%
NC_75	20	4449	2.83	2.85	0.20	2.91	2.45	2.46	1.73	1.22	2.02	2.46	-0.45	-15.5%
NC_76	10	4389	0.60	0.60	0.02	0.60	0.57	0.60	0.30	0.22	0.41	0.60	0.00	0.0%
NC_77	20	4445	0.64	0.63	0.05	0.63	0.61	0.62	0.37	0.36	0.53	0.62	-0.01	-1.6%
NC_78	10	4389	0.19	0.18	0.01	0.19	0.18	0.19	0.09	0.07	0.14	0.19	0.00	0.0%
NC_79	10	4389	0.28	0.27	0.03	0.28	0.27	0.28	0.14	0.08	0.18	0.28	0.00	0.0%
NC_80	10	4389	0.29	0.28	0.02	0.29	0.26	0.29	0.15	0.23	0.25	0.29	0.00	0.0%
NC_81	20	4451	0.30	0.29	0.03	0.30	0.28	0.30	0.17	0.14	0.22	0.30	0.00	0.0%
NC_82	20	4450	0.77	0.78	0.06	0.80	0.64	0.64	0.50	0.47	0.60	0.64	-0.16	-20.0%
NC_83	10	4389	0.35	0.34	0.03	0.34	0.33	0.34	0.17	0.08	0.20	0.34	0.00	0.0%
NC_84	10	4389	0.25	0.24	0.02	0.25	0.24	0.25	0.12	0.08	0.16	0.25	0.00	0.0%
NC_85	10	4384	0.12	0.11	0.01	0.12	0.12	0.11	0.06	0.06	0.09	0.12	0.00	0.0%
NC_86	10	4389	1.16	1.15	0.03	1.16	1.12	1.16	0.60	0.36	0.81	1.16	0.00	0.0%
NC_87	10	4389	0.43	0.41	0.04	0.42	0.40	0.42	0.21	0.10	0.25	0.42	0.00	0.0%
NC_88	10	4389	0.65	0.64	0.03	0.65	0.61	0.65	0.31	0.31	0.48	0.65	0.00	0.0%
NC_89	360	4740	0.06	0.06	0.02	0.06	0.01	0.01	0.01	0.05	0.06	0.06	0.00	0.0%
NC_90	20	4445	1.31	1.30	0.10	1.30	1.24	1.26	0.73	0.63	1.01	1.26	-0.04	-3.1%
NC_91	10	4384	0.20	0.19	0.02	0.19	0.19	0.19	0.10	0.06	0.13	0.19	0.00	0.0%
NC_92	10	4384	0.14	0.14	0.01	0.14	0.14	0.14	0.07	0.06	0.10	0.14	0.00	0.0%
NC_93	10	4389	0.20	0.20	0.02	0.20	0.19	0.20	0.11	0.14	0.15	0.20	0.00	0.0%
NC_94	10	4389	0.47	0.47	0.04	0.47	0.42	0.47	0.23	0.14	0.30	0.47	0.00	0.0%
NC_95	10	4389	0.40	0.39	0.03	0.40	0.36	0.40	0.19	0.12	0.26	0.40	0.00	0.0%
NC_96	20	4451	0.49	0.47	0.05	0.47	0.45	0.48	0.27	0.22	0.35	0.48	0.01	2.1%
NC_97	10	4384	0.19	0.19	0.02	0.19	0.19	0.19	0.09	0.06	0.13	0.19	0.00	0.0%
NC_98	10	4389	0.59	0.59	0.03	0.59	0.55	0.59	0.32	0.23	0.40	0.59	0.00	0.0%
NC_99	10	4389	1.40	1.40	0.03	1.40	1.36	1.40	0.74	0.45	0.95	1.40	0.00	0.0%
NC_100	10	4384	0.20	0.20	0.02	0.20	0.20	0.20	0.10	0.07	0.14	0.20	0.00	0.0%
NC_101	10	4389	0.54	0.53	0.04	0.53	0.49	0.53	0.25	0.18	0.35	0.53	0.00	0.0%
NC_102	60	4576	3.67	3.63	0.21	3.65	1.82	1.82	3.61	3.61	3.87	3.87	0.22	6.0%
NC_103	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.06	0.14	0.22	0.00	0.0%
NC_104	360	4740	0.07	0.06	0.02	0.06	0.05	0.05	0.03	0.06	0.06	0.06	0.00	0.0%
NC_105	10	4389	1.46	1.45	0.05	1.45	1.39	1.45	0.71	0.62	1.01	1.45	0.00	0.0%
NC_106	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.06	0.14	0.22	0.00	0.0%
NC_107	10	4389	0.21	0.20	0.02	0.21	0.18	0.21	0.11	0.12	0.15	0.21	0.00	0.0%
NC_108	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.08	0.15	0.22	0.00	0.0%
NC_109	20	4449	2.59	2.60	0.20	2.62	2.35	2.37	1.43	0.90	1.81	2.37	-0.25	-9.5%
NC_110	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.07	0.15	0.24	0.00	0.0%
NC_111	10	4389	0.27	0.26	0.03	0.27	0.26	0.27	0.13	0.06	0.16	0.27	0.00	0.0%
NC_112	360	4737	0.12	0.12	0.03	0.12	0.02	0.02	0.02	0.12	0.11	0.12	0.00	0.0%
NC_113	10	4389	0.33	0.32	0.03	0.33	0.32	0.33	0.16	0.09	0.20	0.33	0.00	0.0%
NC_114	10	4384	0.23	0.23	0.02	0.23	0.23	0.23	0.11	0.07	0.15	0.23	0.00	0.0%
NC_115	360	4732	0.07	0.06	0.02	0.06	0.04	0.03	0.02	0.06	0.06	0.06	0.00	0.0%
NC_116	10	4389	0.75	0.74	0.03	0.74	0.70	0.74	0.36	0.25	0.49	0.74	0.00	0.0%
NC_117	10	4389	0.44	0.43	0.03	0.43	0.39	0.43	0.21	0.13	0.28	0.43	0.00	0.0%
NC_118	360	4740	0.07	0.07	0.02	0.07	0.05	0.05	0.03	0.06	0.07	0.07	0.00	0.0%
NC_119	15	4420	1.56	1.56	0.07	1.57	1.53	1.54	0.81	0.69	1.13	1.54	-0.03	-1.9%
NC_120	10	4389	0.32	0.31	0.03	0.31	0.30	0.31	0.15	0.14	0.21	0.31	0.00	0.0%
NC_121	540	4770	0.16	0.15	0.08	0.17	0.02	0.02	0.02	0.17	0.14	0.17	0.00	0.0%
NC_122	10	4384	0.21	0.21	0.02	0.21	0.21	0.20	0.10	0.06	0.13	0.21	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_123	360	4740	0.21	0.20	0.05	0.22	0.15	0.15	0.11	0.19	0.22	0.22	0.00	0.0%
NC_124	20	4455	6.29	6.26	0.37	6.32	5.09	5.10	3.93	2.73	4.63	5.10	-1.22	-19.3%
NC_125	10	4389	0.30	0.29	0.03	0.30	0.29	0.30	0.15	0.07	0.17	0.30	0.00	0.0%
NC_126	10	4389	0.38	0.37	0.03	0.38	0.34	0.38	0.21	0.13	0.26	0.38	0.00	0.0%
NC_127	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.07	0.15	0.22	0.00	0.0%
NC_128	10	4389	0.45	0.44	0.04	0.45	0.40	0.45	0.22	0.13	0.29	0.45	0.00	0.0%
NC_129	360	4737	0.50	0.47	0.11	0.49	0.29	0.31	0.17	0.49	0.45	0.49	0.00	0.0%
NC_130	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.07	0.14	0.22	0.00	0.0%
NC_131	360	4736	0.22	0.21	0.05	0.22	0.03	0.03	0.03	0.23	0.19	0.23	0.01	4.5%
NC_132	10	4384	0.18	0.17	0.02	0.18	0.18	0.17	0.09	0.06	0.12	0.18	0.00	0.0%
NC_133	10	4389	0.60	0.60	0.03	0.60	0.56	0.60	0.29	0.21	0.40	0.60	0.00	0.0%
NC_134	10	4384	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.07	0.15	0.24	0.00	0.0%
NC_135	360	4736	0.16	0.16	0.04	0.17	0.01	0.01	0.02	0.17	0.14	0.17	0.00	0.0%
NC_136	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.06	0.15	0.24	0.00	0.0%
NC_137	360	4740	0.07	0.06	0.02	0.06	0.03	0.03	0.02	0.06	0.06	0.06	0.00	0.0%
NC_138	20	4455	2.16	2.15	0.16	2.15	1.89	1.90	1.22	1.09	1.73	1.90	-0.25	-11.6%
NC_139	360	4737	0.12	0.12	0.03	0.12	0.01	0.01	0.02	0.12	0.11	0.12	0.00	0.0%
NC_140	10	4389	0.45	0.44	0.04	0.44	0.40	0.44	0.22	0.13	0.29	0.44	0.00	0.0%
NC_141	10	4389	0.27	0.26	0.02	0.26	0.26	0.26	0.13	0.06	0.16	0.26	0.00	0.0%
NC_142	10	4389	0.56	0.55	0.04	0.56	0.51	0.56	0.27	0.13	0.33	0.56	0.00	0.0%
NC_143	360	4740	0.07	0.06	0.02	0.06	0.04	0.04	0.02	0.06	0.06	0.06	0.00	0.0%
NC_144	10	4384	0.20	0.20	0.02	0.20	0.20	0.19	0.10	0.06	0.13	0.20	0.00	0.0%
NC_145	10	4384	0.15	0.15	0.01	0.15	0.15	0.14	0.07	0.07	0.11	0.15	0.00	0.0%
NC_146	20	4449	1.83	1.81	0.15	1.84	1.69	1.71	1.13	0.87	1.33	1.71	-0.13	-7.1%
NC_147	10	4389	0.55	0.54	0.04	0.55	0.50	0.55	0.27	0.15	0.35	0.55	0.00	0.0%
NC_148	20	4449	0.99	1.00	0.09	1.02	0.86	0.86	0.58	0.39	0.68	0.86	-0.16	-15.7%
NC_149	10	4389	0.28	0.27	0.03	0.27	0.27	0.27	0.13	0.07	0.17	0.27	0.00	0.0%
NC_150	10	4384	0.24	0.23	0.02	0.23	0.23	0.23	0.12	0.06	0.15	0.23	0.00	0.0%
NC_151	10	4389	0.43	0.43	0.03	0.43	0.40	0.43	0.21	0.14	0.29	0.43	0.00	0.0%
NC_152	1080	4855	2.93	2.84	1.05	3.36	0.15	0.15	0.27	2.53	2.40	2.53	-0.83	-24.7%
NC_153	360	4732	0.07	0.06	0.02	0.06	0.01	0.01	0.01	0.06	0.06	0.06	0.00	0.0%
NC_154	45	4554	1.76	1.78	0.18	1.80	1.15	1.15	1.32	1.12	1.49	1.49	-0.31	-17.2%
NC_155	10	4389	0.80	0.79	0.04	0.79	0.74	0.79	0.38	0.23	0.52	0.79	0.00	0.0%
NC_156	360	4737	0.66	0.63	0.15	0.65	0.33	0.34	0.21	0.65	0.60	0.65	0.00	0.0%
NC_157	10	4389	0.99	0.99	0.02	0.99	0.96	0.99	0.50	0.31	0.67	0.99	0.00	0.0%
NC_158	1080	4855	2.94	2.86	1.07	3.39	0.22	0.25	0.32	2.50	2.38	2.50	-0.89	-26.3%
NC_159	10	4389	0.27	0.27	0.03	0.27	0.26	0.27	0.13	0.07	0.16	0.27	0.00	0.0%
NC_160	10	4389	0.29	0.28	0.03	0.28	0.28	0.28	0.14	0.08	0.18	0.28	0.00	0.0%
NC_161	10	4389	0.24	0.23	0.02	0.23	0.23	0.23	0.12	0.06	0.15	0.23	0.00	0.0%
NC_162	10	4384	0.19	0.19	0.02	0.19	0.19	0.19	0.09	0.06	0.13	0.19	0.00	0.0%
NC_163	10	4389	0.24	0.24	0.02	0.24	0.24	0.24	0.12	0.07	0.15	0.24	0.00	0.0%
NC_164	10	4389	0.52	0.51	0.04	0.52	0.47	0.52	0.25	0.16	0.33	0.52	0.00	0.0%
NC_165	10	4389	0.25	0.25	0.02	0.25	0.25	0.25	0.12	0.06	0.15	0.25	0.00	0.0%
NC_166	10	4389	0.27	0.27	0.02	0.27	0.25	0.27	0.13	0.07	0.18	0.27	0.00	0.0%
NC_167	20	4449	2.16	2.16	0.18	2.20	1.94	1.96	1.33	1.02	1.60	1.96	-0.24	-10.9%
NC_168	20	4455	3.25	3.26	0.26	3.33	2.73	2.74	1.89	1.58	2.56	2.74	-0.59	-17.7%
NC_169	10	4389	0.43	0.41	0.04	0.42	0.40	0.42	0.21	0.11	0.26	0.42	0.00	0.0%
NC_170	10	4384	0.24	0.23	0.02	0.23	0.23	0.23	0.12	0.08	0.15	0.23	0.00	0.0%
NC_171	360	4737	1.01	0.97	0.22	1.01	0.61	0.63	0.39	1.01	0.91	1.01	0.00	0.0%
NC_172	15	4426	2.53	2.52	0.07	2.54	2.30	2.30	1.36	1.14	1.86	2.30	-0.24	-9.4%
NC_173	10	4389	0.38	0.38	0.03	0.38	0.34	0.38	0.18	0.13	0.25	0.38	0.00	0.0%
NC_174	15	4420	0.69	0.69	0.04	0.71	0.66	0.67	0.36	0.27	0.49	0.67	-0.04	-5.6%
NC_175	10	4389	0.72	0.71	0.03	0.72	0.67	0.72	0.35	0.23	0.47	0.72	0.00	0.0%
NC_176	540	4770	0.82	0.79	0.25	0.84	0.14	0.14	0.61	0.88	0.84	0.88	0.04	4.8%
NC_177	10	4389	0.30	0.29	0.03	0.29	0.28	0.29	0.14	0.07	0.17	0.29	0.00	0.0%
NC_178	10	4389	0.48	0.47	0.04	0.47	0.43	0.47	0.23	0.13	0.29	0.47	0.00	0.0%
NC_179	360	4736	0.29	0.29	0.06	0.31	0.19	0.21	0.12	0.31	0.26	0.31	0.00	0.0%
NC_180	10	4389	0.27	0.26	0.03	0.27	0.26	0.27	0.13	0.07	0.17	0.27	0.00	0.0%
NC_181	540	4776	0.87	0.86	0.25	0.87	0.45	0.48	0.59	0.93	0.92	0.93	0.06	6.9%
NC_182	10	4389	0.28	0.27	0.03	0.28	0.27	0.28	0.14	0.09	0.18	0.28	0.00	0.0%
NC_183	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.06	0.15	0.24	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_184	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.07	0.15	0.24	0.00	0.0%
NC_185	10	4389	0.42	0.41	0.03	0.41	0.37	0.41	0.20	0.13	0.27	0.41	0.00	0.0%
NC_186	360	4740	0.08	0.07	0.02	0.07	0.00	0.00	0.01	0.07	0.07	0.07	0.00	0.0%
NC_187	10	4389	0.26	0.25	0.02	0.25	0.25	0.25	0.12	0.06	0.15	0.25	0.00	0.0%
NC_188	10	4389	0.60	0.59	0.05	0.59	0.54	0.59	0.29	0.15	0.37	0.59	0.00	0.0%
NC_189	360	4740	0.07	0.06	0.02	0.06	0.06	0.05	0.03	0.06	0.06	0.06	0.00	0.0%
NC_190	45	4553	2.03	2.07	0.14	2.08	1.26	1.27	1.69	1.31	1.65	1.69	-0.39	-18.8%
NC_191	10	4389	0.29	0.28	0.03	0.28	0.28	0.29	0.14	0.08	0.18	0.29	0.01	3.6%
NC_192	20	4455	3.56	3.59	0.27	3.66	2.93	2.95	2.10	1.72	2.77	2.95	-0.71	-19.4%
NC_193	540	4770	4.02	3.92	0.99	4.07	1.48	1.48	3.41	4.04	4.39	4.39	0.32	7.9%
NC_194	360	4736	0.22	0.21	0.05	0.22	0.10	0.11	0.06	0.23	0.19	0.23	0.01	4.5%
NC_195	10	4389	0.25	0.25	0.02	0.25	0.25	0.25	0.12	0.09	0.16	0.25	0.00	0.0%
NC_196	360	4740	0.13	0.12	0.03	0.13	0.05	0.05	0.04	0.12	0.13	0.13	0.00	0.0%
NC_197	10	4384	0.11	0.11	0.01	0.11	0.11	0.10	0.05	0.06	0.09	0.11	0.00	0.0%
NC_198	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.06	0.15	0.24	0.00	0.0%
NC_199	10	4389	0.61	0.60	0.03	0.60	0.56	0.60	0.29	0.17	0.39	0.60	0.00	0.0%
NC_200	10	4389	0.98	0.97	0.05	0.97	0.91	0.97	0.47	0.29	0.63	0.97	0.00	0.0%
NC_201	360	4737	0.10	0.09	0.02	0.09	0.01	0.01	0.01	0.09	0.09	0.09	0.00	0.0%
NC_202	10	4389	0.54	0.54	0.03	0.54	0.51	0.54	0.26	0.19	0.36	0.54	0.00	0.0%
NC_203	10	4389	0.36	0.35	0.02	0.35	0.33	0.35	0.20	0.15	0.25	0.35	0.00	0.0%
NC_204	360	4740	0.07	0.07	0.02	0.07	0.02	0.02	0.02	0.06	0.07	0.07	0.00	0.0%
NC_205	20	4455	2.23	2.24	0.17	2.27	1.95	1.96	1.39	1.07	1.68	1.96	-0.31	-13.7%
NC_206	360	4737	0.14	0.13	0.03	0.13	0.00	0.00	0.01	0.13	0.13	0.13	0.00	0.0%
NC_207	10	4389	1.07	1.06	0.02	1.06	1.04	1.06	0.55	0.35	0.73	1.06	0.00	0.0%
NC_208	10	4384	0.23	0.23	0.02	0.23	0.23	0.23	0.11	0.06	0.14	0.23	0.00	0.0%
NC_209	360	4740	0.06	0.06	0.02	0.06	0.00	0.00	0.01	0.05	0.06	0.06	0.00	0.0%
NC_210	20	4455	3.80	3.80	0.25	3.87	3.06	3.07	2.29	1.86	2.97	3.07	-0.80	-20.7%
NC_211	10	4389	0.27	0.26	0.02	0.26	0.26	0.26	0.13	0.07	0.17	0.26	0.00	0.0%
NC_212	360	4740	0.06	0.06	0.02	0.06	0.01	0.00	0.01	0.05	0.06	0.06	0.00	0.0%
NC_213	45	4554	2.30	2.33	0.21	2.34	1.32	1.32	1.85	1.64	2.05	2.05	-0.29	-12.4%
NC_214	360	4736	0.15	0.15	0.03	0.16	0.11	0.12	0.06	0.16	0.13	0.16	0.00	0.0%
NC_215	45	4547	1.90	1.89	0.08	1.90	1.02	1.02	1.77	1.43	1.67	1.77	-0.13	-6.8%
NC_216	360	4740	0.07	0.06	0.02	0.06	0.04	0.03	0.02	0.06	0.06	0.06	0.00	0.0%
NC_217	360	4737	0.11	0.11	0.03	0.11	0.01	0.01	0.01	0.11	0.10	0.11	0.00	0.0%
NC_218	60	4581	1.78	1.77	0.09	1.78	0.81	0.81	1.76	1.56	1.70	1.76	-0.02	-1.1%
NC_219	360	4737	0.17	0.16	0.04	0.17	0.09	0.08	0.04	0.17	0.16	0.17	0.00	0.0%
NC_220	10	4389	0.77	0.76	0.03	0.77	0.73	0.77	0.39	0.27	0.52	0.77	0.00	0.0%
NC_221	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.06	0.14	0.21	0.00	0.0%
NC_222	10	4384	0.20	0.19	0.02	0.19	0.19	0.19	0.10	0.06	0.13	0.19	0.00	0.0%
NC_223	10	4389	0.30	0.29	0.03	0.29	0.29	0.29	0.15	0.08	0.18	0.29	0.00	0.0%
NC_224	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.07	0.14	0.22	0.00	0.0%
NC_225	45	4547	1.57	1.56	0.13	1.57	0.97	0.97	1.24	1.17	1.52	1.52	-0.05	-3.2%
NC_226	15	4420	1.19	1.19	0.05	1.21	1.12	1.13	0.64	0.42	0.82	1.13	-0.08	-6.6%
NC_227	540	4770	0.92	0.90	0.25	0.92	0.62	0.66	0.59	0.98	0.97	0.98	0.06	6.5%
NC_228	10	4384	0.16	0.16	0.02	0.16	0.16	0.15	0.08	0.06	0.11	0.16	0.00	0.0%
NC_229	540	4770	4.27	4.22	0.93	4.26	1.46	1.46	3.40	4.18	4.56	4.56	0.30	7.0%
NC_230	360	4740	0.07	0.07	0.02	0.07	0.05	0.04	0.02	0.06	0.07	0.07	0.00	0.0%
NC_231	10	4389	0.35	0.35	0.03	0.35	0.31	0.35	0.19	0.16	0.24	0.35	0.00	0.0%
NC_232	20	4455	3.85	3.83	0.22	3.88	3.05	3.06	2.36	1.91	3.04	3.06	-0.82	-21.1%
NC_233	360	4740	0.07	0.06	0.02	0.06	0.03	0.03	0.02	0.06	0.06	0.06	0.00	0.0%
NC_234	45	4553	2.40	2.42	0.20	2.42	1.33	1.33	1.95	1.78	2.19	2.19	-0.23	-9.5%
NC_235	10	4389	0.25	0.25	0.02	0.25	0.25	0.25	0.12	0.07	0.16	0.25	0.00	0.0%
NC_236	360	4737	0.22	0.21	0.05	0.21	0.00	0.00	0.02	0.21	0.20	0.21	0.00	0.0%
NC_237	60	4579	1.77	1.76	0.08	1.79	0.80	0.80	1.74	1.62	1.75	1.75	-0.04	-2.2%
NC_238	45	4547	8.99	8.90	0.70	8.96	5.24	5.24	7.27	5.84	7.70	7.70	-1.26	-14.1%
NC_239	90	4602	1.00	0.99	0.05	1.00	0.53	0.53	0.99	1.04	1.03	1.04	0.04	4.0%
NC_240	45	4547	2.06	2.06	0.08	2.08	1.01	1.01	1.90	2.04	2.20	2.20	0.12	5.8%
NC_241	10	4384	0.14	0.14	0.01	0.14	0.14	0.14	0.07	0.08	0.11	0.14	0.00	0.0%
NC_242	360	4740	0.08	0.07	0.02	0.07	0.05	0.04	0.02	0.06	0.07	0.07	0.00	0.0%
NC_243	20	4445	0.72	0.70	0.06	0.70	0.68	0.71	0.43	0.47	0.54	0.71	0.01	1.4%
NC_244	45	4547	9.30	9.20	0.80	9.28	5.62	5.62	7.34	5.75	7.80	7.80	-1.48	-15.9%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_245	360	4737	0.38	0.37	0.08	0.38	0.00	0.00	0.02	0.38	0.33	0.38	0.00	0.0%
NC_246	10	4389	0.28	0.27	0.03	0.27	0.27	0.27	0.14	0.07	0.17	0.27	0.00	0.0%
NC_247	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.07	0.14	0.21	0.00	0.0%
NC_248	540	4770	0.19	0.18	0.09	0.21	0.06	0.06	0.06	0.20	0.17	0.20	-0.01	-4.8%
NC_249	10	4389	0.31	0.31	0.02	0.31	0.28	0.31	0.18	0.26	0.26	0.31	0.00	0.0%
NC_250	360	4732	0.06	0.06	0.02	0.06	0.01	0.01	0.01	0.05	0.06	0.06	0.00	0.0%
NC_251	360	4740	0.06	0.06	0.02	0.06	0.00	0.00	0.01	0.05	0.06	0.06	0.00	0.0%
NC_252	60	4579	1.77	1.76	0.08	1.78	0.80	0.80	1.74	1.66	1.79	1.79	0.01	0.6%
NC_253	20	4451	0.43	0.43	0.05	0.44	0.38	0.42	0.28	0.34	0.32	0.42	-0.02	-4.5%
NC_254	360	4732	0.06	0.06	0.01	0.06	0.00	0.00	0.01	0.05	0.06	0.06	0.00	0.0%
NC_255	360	4737	0.11	0.10	0.03	0.11	0.00	0.00	0.01	0.11	0.10	0.11	0.00	0.0%
NC_256	360	4740	0.07	0.06	0.02	0.06	0.03	0.02	0.02	0.06	0.06	0.06	0.00	0.0%
NC_257	360	4740	0.13	0.12	0.03	0.13	0.04	0.05	0.03	0.12	0.13	0.13	0.00	0.0%
NC_258	60	4578	2.00	1.98	0.05	1.99	0.97	0.97	1.97	1.64	1.92	1.97	-0.02	-1.0%
NC_259	360	4732	0.08	0.07	0.02	0.07	0.05	0.04	0.02	0.06	0.07	0.07	0.00	0.0%
NC_260	45	4547	5.04	5.03	0.49	5.03	3.75	3.76	3.72	3.27	4.30	4.30	-0.73	-14.5%
NC_261	10	4389	0.28	0.27	0.03	0.27	0.27	0.27	0.14	0.06	0.16	0.27	0.00	0.0%
NC_262	15	4420	1.70	1.70	0.06	1.71	1.58	1.60	0.91	0.67	1.24	1.60	-0.11	-6.4%
NC_263	1080	4846	43.90	42.57	10.17	46.65	8.55	8.55	28.34	42.32	41.63	42.32	-4.33	-9.3%
NC_264	360	4740	0.06	0.06	0.02	0.06	0.01	0.01	0.01	0.06	0.06	0.06	0.00	0.0%
NC_265	10	4389	0.35	0.34	0.03	0.34	0.33	0.34	0.17	0.09	0.21	0.34	0.00	0.0%
NC_266	20	4451	0.44	0.43	0.04	0.43	0.41	0.43	0.25	0.20	0.32	0.43	0.00	0.0%
NC_267	360	4736	0.13	0.13	0.03	0.13	0.00	0.00	0.01	0.14	0.11	0.14	0.01	7.7%
NC_268	1080	4846	4.76	4.69	1.77	5.56	1.47	1.47	2.16	3.79	3.46	3.79	-1.77	-31.8%
NC_269	360	4737	0.11	0.11	0.03	0.11	0.00	0.00	0.01	0.11	0.10	0.11	0.00	0.0%
NC_270	360	4738	0.35	0.34	0.09	0.36	0.22	0.22	0.27	0.33	0.40	0.40	0.04	11.1%
NC_271	90	4602	2.09	2.09	0.05	2.09	0.93	0.93	1.98	1.70	1.97	1.98	-0.11	-5.3%
NC_272	540	4770	4.36	4.30	0.90	4.35	1.44	1.44	3.38	4.20	4.56	4.56	0.21	4.8%
NC_273	360	4736	0.13	0.13	0.03	0.13	0.00	0.00	0.01	0.13	0.11	0.13	0.00	0.0%
NC_274	60	4579	1.78	1.78	0.08	1.80	0.79	0.79	1.76	1.82	1.92	1.92	0.12	6.7%
NC_275	45	4552	5.09	5.09	0.49	5.10	3.73	3.74	3.78	3.32	4.35	4.35	-0.75	-14.7%
NC_276	10	4384	0.18	0.17	0.02	0.17	0.17	0.17	0.09	0.06	0.12	0.17	0.00	0.0%
NC_277	360	4737	0.39	0.39	0.10	0.39	0.17	0.17	0.29	0.39	0.42	0.42	0.03	7.7%
NC_278	10	4384	0.17	0.16	0.02	0.16	0.16	0.16	0.08	0.06	0.11	0.16	0.00	0.0%
NC_279	45	4552	5.70	5.70	0.55	5.78	3.93	3.94	4.33	3.77	4.91	4.91	-0.87	-15.1%
NC_280	1080	4846	43.88	42.56	10.17	46.65	8.56	8.56	28.36	42.31	41.63	42.31	-4.34	-9.3%
NC_281	10	4384	0.17	0.17	0.02	0.17	0.17	0.17	0.09	0.06	0.12	0.17	0.00	0.0%
NC_282	360	4732	0.07	0.07	0.02	0.07	0.00	0.00	0.01	0.07	0.07	0.07	0.00	0.0%
NC_283	10	4389	0.36	0.35	0.03	0.36	0.32	0.36	0.17	0.11	0.23	0.36	0.00	0.0%
NC_284	540	4770	0.37	0.35	0.17	0.39	0.04	0.04	0.07	0.39	0.33	0.39	0.00	0.0%
NC_285	45	4547	8.80	8.72	0.65	8.77	5.03	5.03	7.25	6.12	7.84	7.84	-0.93	-10.6%
NC_286	360	4740	0.06	0.06	0.02	0.06	0.00	0.00	0.01	0.05	0.06	0.06	0.00	0.0%
NC_287	1080	4846	44.01	42.71	10.16	46.76	8.54	8.54	28.31	42.54	41.65	42.54	-4.22	-9.0%
NC_288	10	4389	0.34	0.33	0.03	0.33	0.33	0.33	0.17	0.10	0.21	0.33	0.00	0.0%
NC_289	20	4455	1.18	1.19	0.09	1.20	1.03	1.04	0.68	0.52	0.88	1.04	-0.16	-13.3%
NC_290	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.06	0.14	0.22	0.00	0.0%
NC_291	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.08	0.16	0.24	0.00	0.0%
NC_292	360	4737	0.15	0.15	0.03	0.15	0.05	0.05	0.03	0.15	0.13	0.15	0.00	0.0%
NC_293	360	4737	2.37	2.39	0.62	2.45	1.10	1.10	2.10	2.45	2.62	2.62	0.17	6.9%
NC_294	540	4776	0.76	0.72	0.34	0.80	0.07	0.07	0.17	0.81	0.70	0.81	0.01	1.3%
NC_295	10	4384	0.22	0.21	0.02	0.22	0.22	0.21	0.11	0.07	0.14	0.22	0.00	0.0%
NC_296	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.06	0.14	0.21	0.00	0.0%
NC_297	10	4389	0.23	0.23	0.01	0.23	0.22	0.23	0.11	0.12	0.18	0.23	0.00	0.0%
NC_298	45	4552	1.09	1.10	0.10	1.10	0.80	0.80	0.74	0.58	0.88	0.88	-0.22	-20.0%
NC_299	45	4550	10.00	9.88	0.60	9.89	5.35	5.35	8.99	9.68	10.75	10.75	0.86	8.7%
NC_300	10	4389	0.26	0.25	0.02	0.25	0.25	0.25	0.12	0.07	0.16	0.25	0.00	0.0%
NC_301	10	4389	0.47	0.45	0.04	0.45	0.44	0.45	0.22	0.13	0.30	0.45	0.00	0.0%
NC_302	1080	4846	43.89	42.56	10.17	46.65	8.58	8.58	28.42	42.32	41.64	42.32	-4.33	-9.3%
NC_303	20	4450	0.57	0.58	0.05	0.58	0.47	0.47	0.37	0.32	0.44	0.47	-0.11	-19.0%
NC_304	360	4736	0.27	0.26	0.06	0.27	0.08	0.08	0.08	0.28	0.23	0.28	0.01	3.7%
NC_305	10	4384	0.18	0.18	0.02	0.18	0.18	0.18	0.09	0.06	0.12	0.18	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_306	540	4776	0.94	0.90	0.41	0.96	0.08	0.08	0.18	0.99	0.87	0.99	0.03	3.1%
NC_307	360	4737	0.23	0.22	0.05	0.23	0.13	0.15	0.08	0.23	0.21	0.23	0.00	0.0%
NC_308	360	4737	3.28	3.40	0.85	3.53	1.03	1.03	2.11	3.53	3.57	3.57	0.04	1.1%
NC_309	360	4737	0.19	0.18	0.04	0.19	0.00	0.00	0.01	0.19	0.16	0.19	0.00	0.0%
NC_310	90	4608	2.40	2.38	0.13	2.39	1.21	1.21	2.27	1.94	2.15	2.27	-0.12	-5.0%
NC_311	20	4449	0.58	0.58	0.05	0.59	0.50	0.51	0.33	0.27	0.43	0.51	-0.08	-13.6%
NC_312	10	4389	0.43	0.42	0.03	0.43	0.39	0.43	0.21	0.12	0.27	0.43	0.00	0.0%
NC_313	360	4737	2.37	2.39	0.62	2.47	1.07	1.07	2.08	2.47	2.63	2.63	0.16	6.5%
NC_314	360	4732	0.09	0.09	0.02	0.09	0.05	0.05	0.03	0.08	0.09	0.09	0.00	0.0%
NC_315	10	4389	0.69	0.68	0.04	0.69	0.64	0.69	0.33	0.21	0.46	0.69	0.00	0.0%
NC_316	540	4776	1.04	0.99	0.45	1.07	0.18	0.19	0.21	1.09	0.96	1.09	0.02	1.9%
NC_317	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.10	0.06	0.14	0.21	0.00	0.0%
NC_318	1080	4846	40.37	39.61	10.25	44.35	8.57	8.57	28.21	39.39	40.25	40.25	-4.10	-9.2%
NC_319	10	4389	0.25	0.24	0.02	0.25	0.24	0.25	0.12	0.06	0.15	0.25	0.00	0.0%
NC_320	540	4776	1.08	1.04	0.47	1.12	0.24	0.26	0.24	1.14	1.00	1.14	0.02	1.8%
NC_321	10	4389	0.27	0.26	0.03	0.26	0.26	0.26	0.13	0.07	0.17	0.26	0.00	0.0%
NC_322	360	4740	0.07	0.06	0.02	0.06	0.04	0.03	0.02	0.06	0.06	0.06	0.00	0.0%
NC_323	10	4389	0.48	0.46	0.04	0.47	0.45	0.47	0.23	0.17	0.30	0.47	0.00	0.0%
NC_324	540	4770	1.75	1.67	0.76	1.86	0.46	0.47	0.41	1.84	1.58	1.84	-0.02	-1.1%
NC_325	540	4767	6.13	6.20	1.16	6.23	1.92	1.92	4.66	6.16	6.31	6.31	0.08	1.3%
NC_326	540	4776	1.81	1.74	0.78	1.90	0.44	0.45	0.52	1.90	1.65	1.90	0.00	0.0%
NC_327	360	4737	0.12	0.11	0.03	0.11	0.08	0.07	0.04	0.11	0.10	0.11	0.00	0.0%
NC_328	10	4389	0.20	0.19	0.02	0.20	0.19	0.20	0.10	0.06	0.14	0.20	0.00	0.0%
NC_329	10	4384	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.07	0.15	0.24	0.00	0.0%
NC_330	10	4384	0.21	0.21	0.02	0.21	0.21	0.21	0.10	0.06	0.13	0.21	0.00	0.0%
NC_331	360	4737	2.52	2.55	0.66	2.65	1.06	1.06	2.09	2.65	2.82	2.82	0.17	6.4%
NC_332	10	4389	0.70	0.69	0.04	0.70	0.64	0.70	0.33	0.24	0.44	0.70	0.00	0.0%
NC_333	20	4455	1.19	1.18	0.06	1.19	0.91	0.91	0.80	0.71	0.99	0.99	-0.20	-16.8%
NC_334	10	4384	0.21	0.21	0.02	0.21	0.21	0.21	0.10	0.07	0.14	0.21	0.00	0.0%
NC_335	360	4740	0.06	0.06	0.02	0.06	0.00	0.00	0.01	0.05	0.06	0.06	0.00	0.0%
NC_336	360	4740	0.06	0.06	0.02	0.06	0.01	0.00	0.01	0.05	0.06	0.06	0.00	0.0%
NC_337	10	4389	0.30	0.29	0.03	0.29	0.28	0.29	0.14	0.08	0.18	0.29	0.00	0.0%
NC_338	360	4740	0.07	0.07	0.02	0.07	0.01	0.00	0.01	0.06	0.07	0.07	0.00	0.0%
NC_339	15	4420	0.39	0.38	0.02	0.39	0.37	0.38	0.21	0.16	0.28	0.38	-0.01	-2.6%
NC_340	10	4384	0.09	0.09	0.01	0.09	0.09	0.09	0.05	0.06	0.08	0.09	0.00	0.0%
NC_341	540	4767	6.14	6.16	1.16	6.19	1.92	1.92	4.66	6.16	6.30	6.30	0.11	1.8%
NC_342	10	4389	1.26	1.25	0.05	1.25	1.19	1.25	0.62	0.42	0.85	1.25	0.00	0.0%
NC_343	360	4740	0.15	0.14	0.03	0.14	0.05	0.05	0.03	0.14	0.14	0.14	0.00	0.0%
NC_344	10	4389	0.43	0.42	0.03	0.43	0.39	0.43	0.21	0.13	0.28	0.43	0.00	0.0%
NC_345	360	4740	0.06	0.06	0.02	0.06	0.00	0.00	0.01	0.05	0.06	0.06	0.00	0.0%
NC_346	10	4389	1.18	1.17	0.05	1.17	1.12	1.17	0.58	0.39	0.80	1.17	0.00	0.0%
NC_347	10	4389	0.24	0.24	0.02	0.24	0.24	0.24	0.12	0.06	0.15	0.24	0.00	0.0%
NC_348	360	4737	0.12	0.11	0.03	0.12	0.00	0.00	0.01	0.12	0.10	0.12	0.00	0.0%
NC_349	540	4770	0.17	0.16	0.08	0.18	0.05	0.06	0.04	0.18	0.15	0.18	0.00	0.0%
NC_350	540	4776	1.92	1.85	0.81	1.99	0.60	0.61	0.69	2.00	1.75	2.00	0.01	0.5%
NC_351	360	4737	0.11	0.11	0.03	0.11	0.04	0.04	0.02	0.11	0.10	0.11	0.00	0.0%
NC_352	540	4770	0.22	0.21	0.10	0.23	0.10	0.10	0.06	0.23	0.19	0.23	0.00	0.0%
NC_353	10	4389	0.37	0.36	0.03	0.36	0.33	0.36	0.20	0.14	0.25	0.36	0.00	0.0%
NC_354	360	4737	3.26	3.38	0.84	3.49	1.04	1.04	2.12	3.49	3.53	3.53	0.04	1.1%
NC_355	1080	4846	40.36	39.59	10.25	44.35	8.58	8.58	28.22	39.39	40.24	40.24	-4.11	-9.3%
NC_356	360	4740	2.31	2.37	0.55	2.44	0.79	0.79	1.57	2.46	2.44	2.46	0.02	0.8%
NC_357	10	4389	0.27	0.26	0.03	0.26	0.26	0.26	0.13	0.07	0.16	0.26	0.00	0.0%
NC_358	360	4737	0.85	0.82	0.19	0.86	0.05	0.05	0.07	0.86	0.75	0.86	0.00	0.0%
NC_359	10	4389	0.42	0.42	0.02	0.42	0.39	0.42	0.20	0.13	0.29	0.42	0.00	0.0%
NC_360	360	4737	0.16	0.15	0.04	0.15	0.01	0.01	0.02	0.15	0.14	0.15	0.00	0.0%
NC_361	20	4451	0.29	0.28	0.03	0.28	0.26	0.29	0.16	0.23	0.24	0.29	0.01	3.6%
NC_362	1080	4846	40.35	39.58	10.26	44.34	8.58	8.58	28.22	39.40	40.25	40.25	-4.09	-9.2%
NC_363	360	4732	0.07	0.07	0.02	0.07	0.02	0.02	0.02	0.06	0.07	0.07	0.00	0.0%
NC_364	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.06	0.14	0.21	0.00	0.0%
NC_365	540	4770	0.17	0.16	0.08	0.19	0.02	0.02	0.02	0.19	0.15	0.19	0.00	0.0%
NC_366	10	4389	0.33	0.31	0.03	0.32	0.31	0.32	0.16	0.10	0.20	0.32	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_367	360	4737	0.13	0.12	0.03	0.13	0.01	0.02	0.02	0.13	0.11	0.13	0.00	0.0%
NC_368	360	4737	0.85	0.80	0.19	0.82	0.04	0.04	0.07	0.82	0.76	0.82	0.00	0.0%
NC_369	360	4732	0.07	0.06	0.02	0.06	0.01	0.01	0.01	0.06	0.06	0.06	0.00	0.0%
NC_370	10	4384	0.21	0.21	0.02	0.21	0.21	0.21	0.10	0.06	0.14	0.21	0.00	0.0%
NC_371	360	4737	0.36	0.33	0.08	0.34	0.06	0.06	0.04	0.34	0.33	0.34	0.00	0.0%
NC_372	1080	4846	40.34	39.56	10.26	44.32	8.58	8.58	28.23	39.40	40.25	40.25	-4.07	-9.2%
NC_373	10	4384	0.24	0.23	0.02	0.23	0.23	0.23	0.12	0.06	0.15	0.23	0.00	0.0%
NC_374	360	4737	0.15	0.14	0.03	0.14	0.01	0.00	0.01	0.14	0.13	0.14	0.00	0.0%
NC_375	540	4770	1.21	1.17	0.46	1.24	0.25	0.25	0.50	1.23	1.07	1.23	-0.01	-0.8%
NC_376	10	4389	0.26	0.25	0.02	0.25	0.25	0.25	0.13	0.07	0.16	0.25	0.00	0.0%
NC_377	540	4776	2.20	2.13	0.92	2.29	0.86	0.86	0.98	2.29	2.00	2.29	0.00	0.0%
NC_378	360	4732	0.07	0.07	0.02	0.07	0.06	0.05	0.03	0.06	0.07	0.07	0.00	0.0%
NC_379	10	4389	0.29	0.28	0.03	0.28	0.27	0.28	0.14	0.07	0.17	0.28	0.00	0.0%
NC_380	360	4737	0.80	0.75	0.18	0.77	0.05	0.05	0.07	0.77	0.72	0.77	0.00	0.0%
NC_381	540	4776	2.35	2.29	0.71	2.38	0.78	0.78	1.58	2.51	2.49	2.51	0.13	5.5%
NC_382	10	4384	0.17	0.17	0.02	0.17	0.17	0.17	0.08	0.06	0.12	0.17	0.00	0.0%
NC_383	10	4389	0.19	0.19	0.02	0.19	0.18	0.19	0.10	0.15	0.17	0.19	0.00	0.0%
NC_384	360	4732	0.08	0.08	0.02	0.08	0.02	0.02	0.02	0.08	0.08	0.08	0.00	0.0%
NC_385	1080	4846	5.91	5.51	2.00	6.40	2.93	2.93	4.42	5.49	5.01	5.49	-0.91	-14.2%
NC_386	10	4389	0.28	0.27	0.03	0.27	0.27	0.27	0.13	0.06	0.16	0.27	0.00	0.0%
NC_387	10	4384	0.13	0.13	0.01	0.13	0.13	0.13	0.07	0.07	0.10	0.13	0.00	0.0%
NC_388	360	4737	0.12	0.11	0.03	0.11	0.00	0.00	0.01	0.11	0.10	0.11	0.00	0.0%
NC_389	360	4737	0.46	0.44	0.10	0.46	0.22	0.23	0.16	0.46	0.42	0.46	0.00	0.0%
NC_390	360	4740	0.08	0.07	0.02	0.07	0.00	0.00	0.01	0.07	0.07	0.07	0.00	0.0%
NC_391	10	4389	0.62	0.61	0.05	0.62	0.57	0.62	0.30	0.22	0.43	0.62	0.00	0.0%
NC_392	360	4740	0.07	0.07	0.02	0.07	0.00	0.00	0.01	0.06	0.07	0.07	0.00	0.0%
NC_393	10	4389	0.79	0.78	0.06	0.78	0.72	0.78	0.37	0.20	0.47	0.78	0.00	0.0%
NC_394	1080	4846	40.13	39.28	10.31	44.15	8.67	8.67	28.49	39.42	40.26	40.26	-3.89	-8.8%
NC_395	10	4384	0.21	0.20	0.02	0.20	0.20	0.20	0.10	0.06	0.13	0.20	0.00	0.0%
NC_396	360	4737	0.38	0.36	0.08	0.37	0.01	0.01	0.03	0.37	0.34	0.37	0.00	0.0%
NC_397	45	4547	1.15	1.14	0.09	1.17	0.91	0.91	0.87	0.70	0.97	0.97	-0.20	-17.1%
NC_398	360	4740	0.06	0.06	0.02	0.06	0.01	0.01	0.01	0.06	0.06	0.06	0.00	0.0%
NC_399	1080	4846	40.33	39.55	10.26	44.31	8.58	8.58	28.23	39.39	40.25	40.25	-4.06	-9.2%
NC_400	10	4389	0.27	0.26	0.02	0.26	0.26	0.26	0.13	0.06	0.16	0.26	0.00	0.0%
NC_401	540	4770	2.64	2.63	0.80	2.67	1.46	1.49	1.59	2.81	2.70	2.81	0.14	5.2%
NC_402	10	4389	0.55	0.54	0.03	0.55	0.51	0.55	0.26	0.17	0.36	0.55	0.00	0.0%
NC_403	1080	4846	40.18	39.35	10.29	44.18	8.62	8.62	28.34	39.39	40.24	40.24	-3.94	-8.9%
NC_404	1080	4846	40.32	39.53	10.26	44.31	8.58	8.58	28.24	39.39	40.24	40.24	-4.07	-9.2%
NC_405	360	4740	0.07	0.06	0.02	0.06	0.03	0.03	0.02	0.06	0.06	0.06	0.00	0.0%
NC_406	10	4389	1.10	1.09	0.07	1.10	1.02	1.10	0.53	0.31	0.70	1.10	0.00	0.0%
NC_407	10	4384	0.21	0.21	0.02	0.21	0.21	0.21	0.10	0.06	0.14	0.21	0.00	0.0%
NC_408	360	4737	0.41	0.39	0.09	0.41	0.18	0.19	0.13	0.41	0.37	0.41	0.00	0.0%
NC_409	10	4389	0.29	0.28	0.03	0.28	0.28	0.28	0.14	0.07	0.17	0.28	0.00	0.0%
NC_410	10	4389	0.35	0.34	0.03	0.35	0.31	0.35	0.17	0.14	0.23	0.35	0.00	0.0%
NC_411	10	4389	0.77	0.76	0.03	0.76	0.73	0.76	0.38	0.24	0.51	0.76	0.00	0.0%
NC_412	10	4389	0.40	0.39	0.04	0.40	0.36	0.40	0.20	0.15	0.27	0.40	0.00	0.0%
NC_413	10	4389	0.27	0.26	0.03	0.27	0.26	0.27	0.13	0.07	0.17	0.27	0.00	0.0%
NC_414	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.06	0.14	0.21	0.00	0.0%
NC_415	10	4389	0.34	0.33	0.03	0.33	0.33	0.33	0.17	0.08	0.21	0.33	0.00	0.0%
NC_416	10	4389	0.32	0.31	0.03	0.32	0.31	0.32	0.16	0.08	0.20	0.32	0.00	0.0%
NC_417	20	4451	0.40	0.39	0.04	0.40	0.35	0.39	0.26	0.29	0.31	0.39	-0.01	-2.5%
NC_418	10	4389	0.32	0.31	0.03	0.31	0.30	0.31	0.16	0.07	0.19	0.31	0.00	0.0%
NC_419	20	4455	0.90	0.90	0.07	0.92	0.79	0.80	0.52	0.36	0.65	0.80	-0.12	-13.0%
NC_420	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.06	0.15	0.24	0.00	0.0%
NC_421	360	4736	0.22	0.21	0.05	0.23	0.06	0.07	0.08	0.23	0.20	0.23	0.00	0.0%
NC_422	540	4770	39.85	39.46	8.09	40.36	8.70	8.70	28.55	39.36	40.17	40.17	-0.19	-0.5%
NC_423	10	4389	0.24	0.24	0.02	0.24	0.24	0.24	0.12	0.07	0.15	0.24	0.00	0.0%
NC_424	360	4740	0.67	0.63	0.15	0.63	0.12	0.12	0.14	0.62	0.63	0.63	0.00	0.0%
NC_425	360	4740	0.13	0.12	0.03	0.12	0.01	0.01	0.01	0.12	0.12	0.12	0.00	0.0%
NC_426	10	4384	0.23	0.23	0.02	0.23	0.23	0.23	0.11	0.06	0.14	0.23	0.00	0.0%
NC_427	10	4389	1.12	1.12	0.03	1.12	1.08	1.12	0.56	0.34	0.75	1.12	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_428	10	4389	0.28	0.28	0.02	0.28	0.26	0.28	0.16	0.11	0.21	0.28	0.00	0.0%
NC_429	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.06	0.14	0.22	0.00	0.0%
NC_430	10	4389	0.44	0.43	0.04	0.44	0.42	0.44	0.22	0.09	0.25	0.44	0.00	0.0%
NC_431	360	4740	0.07	0.07	0.02	0.07	0.07	0.07	0.03	0.06	0.07	0.07	0.00	0.0%
NC_432	15	4420	0.96	0.96	0.06	0.98	0.92	0.94	0.51	0.31	0.65	0.94	-0.04	-4.1%
NC_433	15	4420	0.56	0.56	0.03	0.57	0.51	0.52	0.33	0.27	0.41	0.52	-0.05	-8.8%
NC_434	360	4740	0.06	0.06	0.01	0.06	0.00	0.00	0.01	0.05	0.06	0.06	0.00	0.0%
NC_435	10	4389	0.30	0.29	0.03	0.29	0.29	0.29	0.15	0.07	0.17	0.29	0.00	0.0%
NC_436	25	4494	0.84	0.86	0.04	0.86	0.58	0.59	0.59	0.44	0.66	0.66	-0.20	-23.3%
NC_437	540	4770	39.87	39.47	8.10	40.37	8.73	8.73	28.63	39.38	40.19	40.19	-0.18	-0.4%
NC_438	10	4389	0.53	0.52	0.04	0.53	0.48	0.53	0.25	0.13	0.32	0.53	0.00	0.0%
NC_439	360	4740	0.06	0.06	0.01	0.06	0.00	0.00	0.01	0.05	0.06	0.06	0.00	0.0%
NC_440	20	4449	0.83	0.84	0.08	0.85	0.74	0.76	0.57	0.55	0.63	0.76	-0.09	-10.6%
NC_441	10	4389	0.21	0.21	0.01	0.21	0.20	0.21	0.10	0.13	0.17	0.21	0.00	0.0%
NC_442	10	4384	0.17	0.17	0.02	0.17	0.17	0.17	0.08	0.07	0.12	0.17	0.00	0.0%
NC_443	25	4487	3.63	3.63	0.26	3.67	2.75	2.76	2.76	3.53	3.20	3.53	-0.14	-3.8%
NC_444	10	4389	0.32	0.31	0.02	0.32	0.29	0.32	0.17	0.12	0.23	0.32	0.00	0.0%
NC_445	360	4740	0.08	0.07	0.02	0.07	0.01	0.01	0.01	0.07	0.07	0.07	0.00	0.0%
NC_446	10	4389	0.75	0.74	0.04	0.74	0.69	0.74	0.36	0.19	0.46	0.74	0.00	0.0%
NC_447	10	4389	0.43	0.42	0.03	0.43	0.39	0.43	0.20	0.16	0.29	0.43	0.00	0.0%
NC_448	360	4737	0.45	0.44	0.10	0.45	0.00	0.00	0.03	0.45	0.39	0.45	0.00	0.0%
NC_449	20	4450	0.83	0.84	0.05	0.85	0.62	0.62	0.56	0.45	0.64	0.64	-0.21	-24.7%
NC_450	360	4740	0.56	0.52	0.12	0.53	0.13	0.13	0.13	0.52	0.53	0.53	0.00	0.0%
NC_451	360	4740	0.51	0.47	0.11	0.48	0.14	0.14	0.13	0.46	0.48	0.48	0.00	0.0%
NC_452	1080	4846	1.30	1.26	0.42	1.49	0.22	0.22	0.48	1.19	1.15	1.19	-0.30	-20.1%
NC_453	10	4389	0.36	0.35	0.03	0.36	0.33	0.36	0.19	0.14	0.24	0.36	0.00	0.0%
NC_454	360	4737	0.18	0.17	0.04	0.18	0.08	0.09	0.07	0.18	0.16	0.18	0.00	0.0%
NC_455	360	4737	0.28	0.27	0.06	0.28	0.00	0.00	0.02	0.28	0.25	0.28	0.00	0.0%
NC_456	10	4389	0.66	0.65	0.05	0.65	0.59	0.65	0.32	0.15	0.38	0.65	0.00	0.0%
NC_457	540	4770	39.88	39.48	8.11	40.37	8.75	8.75	28.69	39.40	40.21	40.21	-0.16	-0.4%
NC_458	540	4776	12.45	12.57	2.64	13.33	5.05	5.07	10.10	12.36	11.84	12.36	-0.97	-7.3%
NC_459	10	4389	0.30	0.29	0.03	0.29	0.28	0.29	0.14	0.06	0.17	0.29	0.00	0.0%
NC_460	10	4389	0.29	0.28	0.03	0.28	0.28	0.28	0.14	0.07	0.17	0.28	0.00	0.0%
NC_461	20	4450	0.77	0.78	0.08	0.78	0.67	0.69	0.46	0.26	0.51	0.69	-0.09	-11.5%
NC_462	10	4389	0.64	0.63	0.04	0.64	0.59	0.64	0.31	0.20	0.42	0.64	0.00	0.0%
NC_463	10	4389	0.85	0.84	0.04	0.85	0.79	0.85	0.41	0.23	0.52	0.85	0.00	0.0%
NC_464	360	4740	0.07	0.07	0.02	0.07	0.07	0.06	0.03	0.06	0.07	0.07	0.00	0.0%
NC_465	10	4389	0.60	0.59	0.05	0.59	0.53	0.59	0.29	0.16	0.37	0.59	0.00	0.0%
NC_466	45	4553	6.17	6.14	0.14	6.14	3.39	3.39	6.08	5.89	6.04	6.08	-0.06	-1.0%
NC_467	360	4740	0.06	0.06	0.01	0.06	0.00	0.00	0.01	0.05	0.06	0.06	0.00	0.0%
NC_468	10	4389	0.33	0.31	0.03	0.32	0.31	0.32	0.16	0.09	0.20	0.32	0.00	0.0%
NC_469	20	4449	0.41	0.42	0.04	0.42	0.37	0.38	0.24	0.21	0.32	0.38	-0.04	-9.5%
NC_470	45	4553	0.78	0.79	0.08	0.80	0.53	0.53	0.61	0.61	0.68	0.68	-0.12	-15.0%
NC_471	10	4389	0.29	0.28	0.03	0.28	0.28	0.28	0.14	0.07	0.17	0.28	0.00	0.0%
NC_472	360	4740	0.12	0.11	0.03	0.12	0.07	0.08	0.05	0.11	0.12	0.12	0.00	0.0%
NC_473	10	4389	0.29	0.28	0.03	0.28	0.28	0.28	0.14	0.07	0.17	0.28	0.00	0.0%
NC_474	360	4740	0.06	0.06	0.01	0.06	0.00	0.00	0.01	0.05	0.06	0.06	0.00	0.0%
NC_475	10	4389	0.31	0.30	0.03	0.31	0.30	0.31	0.15	0.06	0.17	0.31	0.00	0.0%
NC_476	10	4384	0.11	0.11	0.01	0.11	0.11	0.11	0.05	0.06	0.09	0.11	0.00	0.0%
NC_477	10	4384	0.21	0.20	0.02	0.21	0.21	0.20	0.10	0.06	0.13	0.21	0.00	0.0%
NC_478	10	4389	0.55	0.54	0.04	0.55	0.50	0.55	0.26	0.13	0.33	0.55	0.00	0.0%
NC_479	10	4389	0.88	0.87	0.04	0.88	0.82	0.88	0.43	0.21	0.54	0.88	0.00	0.0%
NC_480	10	4389	0.53	0.52	0.05	0.53	0.50	0.53	0.26	0.11	0.30	0.53	0.00	0.0%
NC_481	360	4736	0.13	0.13	0.03	0.13	0.00	0.00	0.01	0.13	0.11	0.13	0.00	0.0%
NC_482	10	4389	0.60	0.59	0.05	0.60	0.54	0.60	0.29	0.14	0.36	0.60	0.00	0.0%
NC_483	60	4579	6.52	6.54	0.42	6.57	3.42	3.42	6.52	6.21	6.39	6.52	-0.05	-0.8%
NC_484	360	4740	1.10	1.10	0.26	1.16	0.43	0.43	1.00	1.17	1.16	1.17	0.01	0.9%
NC_485	45	4554	1.38	1.37	0.13	1.38	0.89	0.89	1.09	1.10	1.19	1.19	-0.19	-13.8%
NC_486	10	4389	0.32	0.31	0.03	0.31	0.30	0.31	0.15	0.08	0.19	0.31	0.00	0.0%
NC_487	10	4389	0.41	0.40	0.04	0.41	0.39	0.41	0.20	0.08	0.21	0.41	0.00	0.0%
NC_488	1080	4846	1.38	1.32	0.45	1.55	0.28	0.28	0.52	1.22	1.19	1.22	-0.33	-21.3%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_489	10	4389	0.35	0.33	0.03	0.34	0.33	0.34	0.17	0.09	0.21	0.34	0.00	0.0%
NC_490	10	4389	0.39	0.38	0.04	0.38	0.37	0.38	0.19	0.08	0.21	0.38	0.00	0.0%
NC_491	10	4389	0.41	0.40	0.04	0.41	0.39	0.41	0.20	0.08	0.22	0.41	0.00	0.0%
NC_492	540	4776	5.40	5.25	2.01	5.47	2.48	2.48	4.65	5.66	5.24	5.66	0.19	3.5%
NC_493	10	4389	0.47	0.47	0.04	0.47	0.42	0.47	0.23	0.13	0.30	0.47	0.00	0.0%
NC_494	10	4389	0.53	0.52	0.04	0.52	0.48	0.52	0.25	0.13	0.32	0.52	0.00	0.0%
NC_495	10	4384	0.18	0.18	0.02	0.18	0.18	0.17	0.09	0.06	0.12	0.18	0.00	0.0%
NC_496	10	4389	0.28	0.27	0.03	0.27	0.27	0.27	0.14	0.06	0.16	0.27	0.00	0.0%
NC_497	360	4736	0.13	0.12	0.03	0.13	0.00	0.00	0.01	0.13	0.11	0.13	0.00	0.0%
NC_498	10	4389	0.33	0.32	0.03	0.32	0.31	0.32	0.16	0.08	0.20	0.32	0.00	0.0%
NC_499	540	4776	12.50	12.64	2.65	13.38	5.03	5.05	10.16	12.43	11.90	12.43	-0.95	-7.1%
NC_500	360	4740	0.30	0.28	0.07	0.29	0.15	0.15	0.10	0.26	0.29	0.29	0.00	0.0%
NC_501	10	4389	0.87	0.86	0.04	0.87	0.81	0.87	0.42	0.22	0.54	0.87	0.00	0.0%
NC_502	540	4770	39.89	39.49	8.12	40.37	8.77	8.77	28.74	39.41	40.21	40.21	-0.16	-0.4%
NC_503	10	4389	0.72	0.71	0.05	0.71	0.65	0.71	0.34	0.14	0.39	0.71	0.00	0.0%
NC_504	360	4740	0.22	0.21	0.06	0.21	0.16	0.17	0.09	0.18	0.21	0.21	0.00	0.0%
NC_505	10	4389	0.31	0.31	0.03	0.31	0.28	0.31	0.17	0.13	0.21	0.31	0.00	0.0%
NC_506	360	4740	1.08	1.08	0.26	1.13	0.45	0.46	1.02	1.14	1.13	1.14	0.01	0.9%
NC_507	10	4389	1.35	1.34	0.06	1.34	1.27	1.34	0.65	0.31	0.81	1.34	0.00	0.0%
NC_508	20	4451	0.15	0.15	0.02	0.15	0.13	0.14	0.09	0.12	0.14	0.14	-0.01	-6.7%
NC_509	360	4740	0.13	0.12	0.03	0.12	0.00	0.00	0.01	0.12	0.12	0.12	0.00	0.0%
NC_510	10	4389	0.85	0.85	0.04	0.85	0.80	0.85	0.41	0.21	0.53	0.85	0.00	0.0%
NC_511	10	4389	0.52	0.51	0.04	0.52	0.47	0.52	0.25	0.13	0.32	0.52	0.00	0.0%
NC_512	10	4389	0.34	0.33	0.03	0.33	0.33	0.33	0.17	0.09	0.21	0.33	0.00	0.0%
NC_513	10	4389	0.78	0.77	0.04	0.77	0.72	0.77	0.37	0.18	0.47	0.77	0.00	0.0%
NC_514	10	4389	0.48	0.47	0.04	0.47	0.45	0.47	0.24	0.09	0.26	0.47	0.00	0.0%
NC_515	360	4737	0.20	0.19	0.04	0.19	0.00	0.00	0.02	0.19	0.18	0.19	0.00	0.0%
NC_516	10	4389	0.83	0.82	0.03	0.83	0.79	0.83	0.41	0.20	0.50	0.83	0.00	0.0%
NC_517	360	4740	0.08	0.07	0.02	0.07	0.00	0.00	0.01	0.07	0.07	0.07	0.00	0.0%
NC_518	10	4389	1.04	1.03	0.02	1.03	1.01	1.03	0.53	0.28	0.68	1.03	0.00	0.0%
NC_519	540	4770	39.89	39.48	8.14	40.34	8.79	8.79	28.80	39.43	40.23	40.23	-0.11	-0.3%
NC_520	540	4776	12.51	12.61	2.65	13.36	4.94	4.96	10.16	12.46	11.90	12.46	-0.90	-6.7%
NC_521	360	4740	0.06	0.06	0.02	0.06	0.00	0.00	0.01	0.06	0.06	0.06	0.00	0.0%
NC_522	10	4389	0.74	0.73	0.06	0.74	0.67	0.74	0.36	0.18	0.45	0.74	0.00	0.0%
NC_523	10	4389	0.63	0.62	0.05	0.63	0.57	0.63	0.30	0.14	0.37	0.63	0.00	0.0%
NC_524	540	4776	5.40	5.26	2.01	5.46	2.42	2.42	4.59	5.67	5.28	5.67	0.21	3.8%
NC_525	360	4740	0.18	0.18	0.04	0.19	0.09	0.10	0.11	0.17	0.19	0.19	0.00	0.0%
NC_526	20	4455	5.76	5.78	0.35	5.88	4.58	4.59	4.16	4.35	4.39	4.59	-1.29	-21.9%
NC_527	360	4737	0.23	0.22	0.05	0.23	0.08	0.08	0.12	0.23	0.22	0.23	0.00	0.0%
NC_528	540	4776	0.41	0.38	0.18	0.42	0.10	0.11	0.19	0.44	0.40	0.44	0.02	4.8%
NC_529	540	4776	0.44	0.41	0.19	0.45	0.15	0.16	0.21	0.47	0.44	0.47	0.02	4.4%
NC_530	10	4389	0.31	0.30	0.03	0.31	0.30	0.31	0.15	0.08	0.19	0.31	0.00	0.0%
NC_531	10	4389	0.26	0.25	0.02	0.25	0.25	0.25	0.13	0.07	0.16	0.25	0.00	0.0%
NC_532	540	4770	39.90	39.48	8.15	40.33	8.82	8.83	28.88	39.45	40.25	40.25	-0.08	-0.2%
NC_533	10	4389	0.31	0.30	0.03	0.30	0.30	0.30	0.15	0.06	0.17	0.30	0.00	0.0%
NC_534	360	4737	0.34	0.34	0.08	0.35	0.14	0.15	0.17	0.35	0.32	0.35	0.00	0.0%
NC_535	540	4770	39.88	39.47	8.17	40.29	8.85	8.85	28.94	39.46	40.25	40.25	-0.04	-0.1%
NC_536	360	4737	0.37	0.38	0.09	0.40	0.10	0.11	0.18	0.40	0.36	0.40	0.00	0.0%
NC_537	10	4389	0.33	0.32	0.03	0.32	0.32	0.32	0.16	0.07	0.18	0.32	0.00	0.0%
NC_538	10	4389	1.12	1.12	0.03	1.12	1.08	1.12	0.58	0.31	0.73	1.12	0.00	0.0%
NC_539	540	4776	5.40	5.26	2.01	5.44	2.37	2.37	4.56	5.66	5.31	5.66	0.22	4.0%
NC_540	10	4389	0.30	0.29	0.03	0.29	0.29	0.29	0.15	0.06	0.17	0.29	0.00	0.0%
NC_541	90	4608	1.05	1.05	0.07	1.05	0.52	0.53	1.03	1.11	1.10	1.11	0.06	5.7%
NC_542	10	4389	0.29	0.28	0.03	0.28	0.28	0.29	0.14	0.06	0.17	0.29	0.01	3.6%
NC_543	15	4420	1.31	1.31	0.07	1.33	1.23	1.24	0.69	0.37	0.86	1.24	-0.09	-6.8%
NC_544	10	4384	0.11	0.11	0.01	0.12	0.12	0.11	0.06	0.08	0.10	0.12	0.00	0.0%
NC_545	20	4451	0.19	0.18	0.02	0.18	0.17	0.19	0.11	0.13	0.16	0.19	0.01	5.6%
NC_546	360	4732	0.09	0.08	0.02	0.08	0.02	0.02	0.02	0.08	0.08	0.08	0.00	0.0%
NC_547	360	4732	0.07	0.06	0.02	0.06	0.03	0.02	0.02	0.06	0.06	0.06	0.00	0.0%
NC_548	10	4389	0.33	0.32	0.01	0.33	0.31	0.33	0.16	0.08	0.20	0.33	0.00	0.0%
NC_549	10	4384	0.21	0.20	0.02	0.20	0.20	0.20	0.10	0.06	0.13	0.20	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_550	10	4389	0.17	0.17	0.02	0.17	0.15	0.17	0.08	0.12	0.14	0.17	0.00	0.0%
NC_551	360	4740	0.22	0.21	0.05	0.21	0.15	0.15	0.08	0.20	0.21	0.21	0.00	0.0%
NC_552	10	4389	0.45	0.44	0.04	0.44	0.40	0.44	0.21	0.14	0.29	0.44	0.00	0.0%
NC_553	10	4389	0.36	0.36	0.02	0.36	0.33	0.36	0.20	0.13	0.25	0.36	0.00	0.0%
NC_554	360	4740	0.07	0.06	0.02	0.06	0.00	0.00	0.01	0.06	0.06	0.06	0.00	0.0%
NC_555	10	4389	2.31	2.29	0.08	2.29	2.23	2.29	1.20	0.63	1.51	2.29	0.00	0.0%
NC_556	10	4391	0.08	0.08	0.01	0.08	0.08	0.08	0.04	0.06	0.07	0.08	0.00	0.0%
NC_557	10	4389	0.27	0.27	0.03	0.27	0.26	0.27	0.13	0.07	0.17	0.27	0.00	0.0%
NC_558	540	4776	5.51	5.38	2.03	5.47	2.35	2.35	4.75	5.77	5.52	5.77	0.30	5.5%
NC_559	15	4420	2.46	2.44	0.11	2.48	2.35	2.39	1.32	0.70	1.62	2.39	-0.09	-3.6%
NC_560	1080	4846	1.46	1.37	0.47	1.60	0.23	0.23	0.52	1.26	1.24	1.26	-0.34	-21.3%
NC_561	20	4445	2.86	2.86	0.21	2.86	2.66	2.69	1.55	0.83	1.92	2.69	-0.17	-5.9%
NC_562	10	4389	0.56	0.54	0.05	0.55	0.52	0.55	0.27	0.12	0.31	0.55	0.00	0.0%
NC_563	10	4389	0.36	0.34	0.03	0.35	0.34	0.35	0.17	0.09	0.21	0.35	0.00	0.0%
NC_564	10	4389	0.37	0.36	0.02	0.36	0.34	0.36	0.20	0.12	0.26	0.36	0.00	0.0%
NC_565	10	4389	0.31	0.30	0.03	0.30	0.30	0.30	0.15	0.06	0.17	0.30	0.00	0.0%
NC_566	10	4389	0.34	0.33	0.03	0.33	0.32	0.33	0.16	0.07	0.19	0.33	0.00	0.0%
NC_567	10	4389	0.28	0.27	0.03	0.27	0.27	0.27	0.14	0.06	0.16	0.27	0.00	0.0%
NC_568	10	4384	0.13	0.13	0.01	0.13	0.13	0.12	0.06	0.06	0.09	0.13	0.00	0.0%
NC_569	10	4389	0.19	0.19	0.01	0.19	0.18	0.19	0.09	0.06	0.13	0.19	0.00	0.0%
NC_570	10	4384	0.15	0.14	0.01	0.15	0.15	0.14	0.07	0.06	0.10	0.15	0.00	0.0%
NC_571	540	4771	13.07	13.33	2.71	13.87	5.71	5.71	11.37	13.03	12.41	13.03	-0.84	-6.1%
NC_572	10	4389	0.23	0.22	0.02	0.23	0.20	0.23	0.12	0.12	0.16	0.23	0.00	0.0%
NC_573	20	4445	3.23	3.18	0.22	3.23	2.76	2.76	1.80	0.98	2.16	2.76	-0.47	-14.6%
NC_574	540	4776	20.59	20.36	5.07	20.93	7.51	7.51	17.90	20.85	20.67	20.85	-0.08	-0.4%
NC_575	360	4740	1.88	1.80	0.42	1.83	1.18	1.19	0.93	1.76	1.83	1.83	0.00	0.0%
NC_576	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.06	0.14	0.22	0.00	0.0%
NC_577	60	4577	6.47	6.45	0.27	6.46	3.27	3.27	6.46	6.41	6.74	6.74	0.28	4.3%
NC_578	10	4384	0.12	0.12	0.01	0.12	0.12	0.12	0.06	0.06	0.09	0.12	0.00	0.0%
NC_579	360	4740	0.14	0.13	0.03	0.13	0.12	0.13	0.06	0.12	0.13	0.13	0.00	0.0%
NC_580	10	4389	0.36	0.35	0.03	0.35	0.34	0.35	0.18	0.07	0.19	0.35	0.00	0.0%
NC_581	20	4445	4.81	4.79	0.19	4.84	3.67	3.68	3.16	1.79	3.40	3.68	-1.16	-24.0%
NC_582	360	4740	0.06	0.06	0.02	0.06	0.00	0.00	0.01	0.06	0.06	0.06	0.00	0.0%
NC_583	10	4389	0.29	0.28	0.03	0.29	0.28	0.29	0.14	0.08	0.18	0.29	0.00	0.0%
NC_584	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.06	0.14	0.22	0.00	0.0%
NC_585	540	4776	5.51	5.39	2.02	5.45	2.30	2.30	4.71	5.75	5.55	5.75	0.30	5.5%
NC_586	20	4445	3.58	3.53	0.23	3.54	2.93	2.93	2.04	1.11	2.42	2.93	-0.61	-17.2%
NC_587	540	4771	7.88	7.64	2.54	7.73	3.50	3.50	7.64	8.10	8.29	8.29	0.56	7.2%
NC_588	10	4389	0.90	0.88	0.06	0.89	0.81	0.89	0.43	0.20	0.53	0.89	0.00	0.0%
NC_589	10	4389	0.18	0.17	0.02	0.17	0.16	0.17	0.08	0.12	0.14	0.17	0.00	0.0%
NC_590	20	4451	0.92	0.94	0.10	0.95	0.83	0.87	0.59	0.35	0.64	0.87	-0.08	-8.4%
NC_591	45	4547	4.68	4.66	0.45	4.73	3.28	3.28	3.28	1.95	3.42	3.42	-1.31	-27.7%
NC_592	10	4389	0.30	0.29	0.03	0.29	0.28	0.29	0.14	0.08	0.18	0.29	0.00	0.0%
NC_593	540	4776	20.60	20.37	5.06	20.93	7.50	7.50	17.90	20.85	20.69	20.85	-0.08	-0.4%
NC_594	360	4740	0.07	0.06	0.02	0.06	0.05	0.04	0.02	0.06	0.06	0.06	0.00	0.0%
NC_595	360	4740	1.77	1.69	0.39	1.73	1.24	1.24	0.93	1.65	1.73	1.73	0.00	0.0%
NC_596	10	4389	0.47	0.46	0.03	0.47	0.43	0.47	0.22	0.15	0.30	0.47	0.00	0.0%
NC_597	10	4389	0.36	0.35	0.03	0.35	0.34	0.35	0.18	0.07	0.18	0.35	0.00	0.0%
NC_598	540	4770	38.23	37.82	8.04	38.34	8.93	8.93	29.02	38.24	38.94	38.94	0.60	1.6%
NC_599	10	4389	0.61	0.60	0.05	0.61	0.55	0.61	0.29	0.14	0.36	0.61	0.00	0.0%
NC_600	20	4451	3.94	3.90	0.22	3.90	3.09	3.08	2.32	1.26	2.66	3.09	-0.81	-20.8%
NC_601	540	4776	20.61	20.37	5.06	20.92	7.49	7.49	17.89	20.84	20.69	20.84	-0.08	-0.4%
NC_602	10	4389	0.69	0.68	0.05	0.69	0.63	0.69	0.33	0.23	0.45	0.69	0.00	0.0%
NC_603	540	4776	22.69	22.77	4.98	23.28	9.19	9.19	20.52	22.74	22.67	22.74	-0.54	-2.3%
NC_604	540	4771	28.50	28.41	6.39	28.92	11.66	11.66	26.81	29.14	28.98	29.14	0.22	0.8%
NC_605	540	4770	39.54	39.18	8.35	39.71	9.07	9.07	29.43	39.43	40.13	40.13	0.42	1.1%
NC_606	540	4776	22.69	22.68	4.99	23.25	8.88	8.88	20.39	22.74	22.69	22.74	-0.51	-2.2%
NC_607	540	4776	22.70	22.83	4.98	23.31	9.39	9.39	20.61	22.75	22.68	22.75	-0.56	-2.4%
NC_608	20	4445	4.37	4.32	0.26	4.37	3.63	3.64	2.52	1.39	2.93	3.64	-0.73	-16.7%
NC_609	25	4490	3.69	3.76	0.21	3.77	2.67	2.67	2.51	1.41	2.62	2.67	-1.10	-29.2%
NC_610	540	4771	28.56	28.43	6.39	29.00	11.55	11.55	26.74	29.17	29.08	29.17	0.17	0.6%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_611	10	4389	0.50	0.49	0.05	0.50	0.47	0.50	0.25	0.11	0.29	0.50	0.00	0.0%
NC_612	10	4389	0.92	0.91	0.04	0.92	0.87	0.92	0.45	0.29	0.59	0.92	0.00	0.0%
NC_613	10	4389	0.53	0.53	0.04	0.53	0.48	0.53	0.25	0.15	0.34	0.53	0.00	0.0%
NC_614	360	4740	0.27	0.25	0.06	0.26	0.17	0.18	0.10	0.24	0.26	0.26	0.00	0.0%
NC_615	10	4389	0.14	0.13	0.01	0.13	0.13	0.13	0.07	0.06	0.11	0.13	0.00	0.0%
NC_616	540	4776	21.43	21.11	5.02	21.87	8.18	8.20	19.12	21.56	21.52	21.56	-0.31	-1.4%
NC_617	10	4389	0.27	0.26	0.03	0.27	0.26	0.27	0.13	0.08	0.17	0.27	0.00	0.0%
NC_618	10	4389	0.27	0.26	0.03	0.27	0.26	0.27	0.13	0.06	0.16	0.27	0.00	0.0%
NC_619	540	4771	28.49	28.37	6.38	28.92	11.56	11.56	26.72	29.11	28.98	29.11	0.19	0.7%
NC_620	540	4770	38.20	37.79	8.05	38.27	8.95	8.95	29.05	38.24	38.93	38.93	0.66	1.7%
NC_621	540	4770	39.56	39.20	8.33	39.77	9.04	9.04	29.36	39.43	40.13	40.13	0.36	0.9%
NC_622	360	4737	0.12	0.11	0.03	0.11	0.02	0.02	0.02	0.11	0.11	0.11	0.00	0.0%
NC_623	540	4776	21.79	21.43	5.01	22.17	8.05	8.05	19.22	21.87	21.90	21.90	-0.27	-1.2%
NC_624	10	4389	0.35	0.34	0.03	0.34	0.33	0.34	0.17	0.07	0.19	0.34	0.00	0.0%
NC_625	25	4487	0.89	0.89	0.07	0.90	0.65	0.65	0.61	0.40	0.62	0.65	-0.25	-27.8%
NC_626	540	4771	7.88	7.62	2.55	7.69	3.54	3.54	7.68	8.12	8.26	8.26	0.57	7.4%
NC_627	360	4740	0.07	0.06	0.02	0.06	0.04	0.04	0.02	0.06	0.06	0.06	0.00	0.0%
NC_628	360	4740	0.07	0.06	0.02	0.06	0.06	0.06	0.03	0.06	0.06	0.06	0.00	0.0%
NC_629	540	4776	21.58	21.23	5.01	22.00	8.33	8.35	19.26	21.67	21.67	21.67	-0.33	-1.5%
NC_630	360	4740	0.22	0.20	0.05	0.20	0.08	0.08	0.05	0.20	0.20	0.20	0.00	0.0%
NC_631	10	4389	0.37	0.36	0.03	0.36	0.35	0.36	0.18	0.07	0.18	0.36	0.00	0.0%
NC_632	10	4389	0.29	0.28	0.03	0.28	0.27	0.28	0.14	0.07	0.17	0.28	0.00	0.0%
NC_633	10	4389	0.31	0.30	0.03	0.30	0.30	0.30	0.15	0.07	0.18	0.30	0.00	0.0%
NC_634	45	4547	4.55	4.50	0.42	4.58	3.02	3.02	3.33	2.22	3.55	3.55	-1.03	-22.5%
NC_635	45	4554	6.11	6.05	0.52	6.05	3.65	3.65	5.04	4.96	5.17	5.17	-0.88	-14.5%
NC_636	10	4384	0.20	0.20	0.02	0.20	0.20	0.20	0.10	0.06	0.13	0.20	0.00	0.0%
NC_637	540	4771	5.68	5.57	2.03	5.66	2.22	2.22	4.82	5.84	5.87	5.87	0.21	3.7%
NC_638	10	4389	0.63	0.62	0.05	0.62	0.56	0.62	0.30	0.15	0.37	0.62	0.00	0.0%
NC_639	360	4740	1.44	1.38	0.32	1.41	1.14	1.15	0.84	1.35	1.41	1.41	0.00	0.0%
NC_640	360	4737	0.11	0.11	0.02	0.11	0.00	0.00	0.01	0.11	0.10	0.11	0.00	0.0%
NC_641	10	4389	0.35	0.34	0.03	0.34	0.33	0.34	0.17	0.07	0.18	0.34	0.00	0.0%
NC_642	45	4552	3.27	3.28	0.12	3.32	1.75	1.75	3.10	2.52	2.95	3.10	-0.22	-6.6%
NC_643	10	4389	0.33	0.32	0.03	0.33	0.32	0.33	0.16	0.07	0.18	0.33	0.00	0.0%
NC_644	15	4420	4.22	4.22	0.15	4.26	3.86	3.89	2.30	1.39	2.83	3.89	-0.37	-8.7%
NC_645	10	4384	0.21	0.21	0.02	0.21	0.21	0.20	0.10	0.07	0.14	0.21	0.00	0.0%
NC_646	360	4740	0.06	0.06	0.02	0.06	0.00	0.00	0.01	0.06	0.06	0.06	0.00	0.0%
NC_647	10	4389	0.32	0.30	0.03	0.31	0.30	0.31	0.15	0.07	0.18	0.31	0.00	0.0%
NC_648	20	4449	0.88	0.87	0.08	0.89	0.80	0.81	0.53	0.34	0.61	0.81	-0.08	-9.0%
NC_649	20	4451	0.55	0.55	0.06	0.55	0.49	0.53	0.33	0.22	0.39	0.53	-0.02	-3.6%
NC_650	540	4776	21.60	21.25	5.01	22.00	8.21	8.22	19.22	21.69	21.70	21.70	-0.30	-1.4%
NC_651	10	4389	0.40	0.39	0.04	0.39	0.38	0.39	0.20	0.10	0.24	0.39	0.00	0.0%
NC_652	540	4770	37.55	37.29	8.19	37.46	8.98	8.98	29.02	38.01	38.55	38.55	1.09	2.9%
NC_653	10	4389	0.42	0.41	0.03	0.42	0.38	0.42	0.20	0.13	0.27	0.42	0.00	0.0%
NC_654	10	4389	0.43	0.42	0.03	0.42	0.39	0.42	0.20	0.14	0.28	0.42	0.00	0.0%
NC_655	10	4389	0.21	0.21	0.01	0.21	0.20	0.21	0.10	0.17	0.20	0.21	0.00	0.0%
NC_656	15	4420	3.57	3.56	0.14	3.59	3.31	3.34	1.92	1.19	2.40	3.34	-0.25	-7.0%
NC_657	540	4776	21.76	21.41	5.02	22.17	8.14	8.15	19.25	21.84	21.86	21.86	-0.31	-1.4%
NC_658	540	4771	32.58	32.56	7.32	32.92	12.90	12.90	29.69	33.38	33.27	33.38	0.46	1.4%
NC_659	10	4389	0.36	0.36	0.03	0.36	0.33	0.36	0.17	0.13	0.24	0.36	0.00	0.0%
NC_660	540	4776	21.61	21.26	5.01	22.00	8.16	8.17	19.20	21.69	21.70	21.70	-0.30	-1.4%
NC_661	10	4389	0.52	0.52	0.04	0.52	0.48	0.52	0.29	0.15	0.34	0.52	0.00	0.0%
NC_662	360	4740	0.16	0.15	0.04	0.15	0.09	0.10	0.05	0.14	0.15	0.15	0.00	0.0%
NC_663	10	4384	0.20	0.19	0.02	0.19	0.19	0.19	0.10	0.06	0.13	0.19	0.00	0.0%
NC_664	10	4389	0.60	0.59	0.03	0.60	0.56	0.60	0.29	0.20	0.40	0.60	0.00	0.0%
NC_665	10	4389	0.16	0.16	0.01	0.16	0.15	0.16	0.08	0.11	0.14	0.16	0.00	0.0%
NC_666	540	4770	37.55	37.30	8.19	37.46	9.01	9.01	29.08	38.03	38.55	38.55	1.09	2.9%
NC_667	360	4740	0.09	0.08	0.02	0.08	0.09	0.08	0.04	0.07	0.08	0.09	0.01	12.5%
NC_668	360	4732	0.07	0.07	0.02	0.07	0.05	0.04	0.02	0.06	0.07	0.07	0.00	0.0%
NC_669	10	4384	0.24	0.23	0.02	0.23	0.23	0.23	0.12	0.07	0.15	0.23	0.00	0.0%
NC_670	10	4389	0.32	0.30	0.03	0.31	0.30	0.31	0.15	0.07	0.18	0.31	0.00	0.0%
NC_671	10	4391	0.09	0.08	0.01	0.09	0.09	0.08	0.04	0.07	0.08	0.09	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_672	10	4389	0.53	0.53	0.03	0.53	0.49	0.53	0.26	0.17	0.35	0.53	0.00	0.0%
NC_673	10	4389	0.36	0.34	0.03	0.35	0.34	0.35	0.17	0.08	0.20	0.35	0.00	0.0%
NC_674	10	4384	0.20	0.20	0.02	0.20	0.20	0.20	0.10	0.06	0.13	0.20	0.00	0.0%
NC_675	10	4389	0.68	0.68	0.02	0.68	0.66	0.68	0.35	0.26	0.49	0.68	0.00	0.0%
NC_676	10	4389	0.41	0.41	0.02	0.41	0.38	0.41	0.20	0.18	0.29	0.41	0.00	0.0%
NC_677	10	4389	0.34	0.33	0.03	0.33	0.33	0.33	0.17	0.08	0.20	0.33	0.00	0.0%
NC_678	25	4489	0.57	0.56	0.05	0.56	0.45	0.46	0.41	0.34	0.45	0.46	-0.10	-17.9%
NC_679	10	4389	1.09	1.09	0.02	1.09	1.06	1.09	0.56	0.41	0.75	1.09	0.00	0.0%
NC_680	10	4384	0.12	0.11	0.01	0.12	0.12	0.11	0.06	0.06	0.09	0.12	0.00	0.0%
NC_681	15	4420	2.56	2.56	0.11	2.60	2.39	2.42	1.36	0.83	1.70	2.42	-0.18	-6.9%
NC_682	10	4389	0.34	0.33	0.03	0.33	0.30	0.33	0.16	0.15	0.22	0.33	0.00	0.0%
NC_683	360	4740	0.07	0.06	0.02	0.06	0.01	0.01	0.01	0.06	0.06	0.06	0.00	0.0%
NC_684	10	4389	0.39	0.38	0.03	0.39	0.35	0.39	0.19	0.12	0.25	0.39	0.00	0.0%
NC_685	10	4389	0.11	0.11	0.01	0.11	0.10	0.11	0.06	0.06	0.09	0.11	0.00	0.0%
NC_686	45	4547	3.19	3.17	0.17	3.20	1.83	1.83	2.81	2.29	2.78	2.81	-0.39	-12.2%
NC_687	20	4455	1.28	1.28	0.10	1.30	1.09	1.09	0.74	0.59	0.94	1.09	-0.21	-16.2%
NC_688	10	4389	0.57	0.56	0.04	0.56	0.52	0.56	0.27	0.17	0.36	0.56	0.00	0.0%
NC_689	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.07	0.15	0.24	0.00	0.0%
NC_690	45	4551	0.52	0.53	0.04	0.54	0.37	0.39	0.45	0.31	0.41	0.45	-0.09	-16.7%
NC_691	360	4740	0.09	0.08	0.02	0.08	0.08	0.07	0.04	0.07	0.08	0.08	0.00	0.0%
NC_692	20	4449	0.45	0.45	0.04	0.46	0.33	0.34	0.30	0.17	0.29	0.34	-0.12	-26.1%
NC_693	45	4553	0.75	0.76	0.06	0.78	0.61	0.64	0.64	0.44	0.55	0.64	-0.14	-17.9%
NC_694	10	4389	0.11	0.11	0.01	0.11	0.11	0.11	0.05	0.09	0.10	0.11	0.00	0.0%
NC_695	20	4451	0.51	0.52	0.06	0.53	0.46	0.49	0.32	0.20	0.36	0.49	-0.04	-7.5%
NC_696	540	4771	32.71	32.68	7.33	33.09	12.85	12.85	29.71	33.49	33.43	33.49	0.40	1.2%
NC_697	10	4389	0.40	0.39	0.03	0.40	0.36	0.40	0.21	0.13	0.26	0.40	0.00	0.0%
NC_698	360	4740	0.07	0.07	0.02	0.07	0.01	0.01	0.01	0.06	0.07	0.07	0.00	0.0%
NC_699	10	4389	0.30	0.29	0.03	0.30	0.29	0.30	0.15	0.07	0.17	0.30	0.00	0.0%
NC_700	540	4770	37.50	37.23	8.22	37.31	9.06	9.06	29.17	38.03	38.53	38.53	1.22	3.3%
NC_701	20	4445	3.79	3.76	0.23	3.78	3.12	3.13	2.19	1.56	2.76	3.13	-0.65	-17.2%
NC_702	10	4389	0.27	0.26	0.03	0.26	0.26	0.26	0.13	0.06	0.16	0.26	0.00	0.0%
NC_703	10	4389	0.29	0.28	0.03	0.28	0.28	0.28	0.14	0.06	0.17	0.28	0.00	0.0%
NC_704	360	4740	0.07	0.07	0.02	0.07	0.03	0.03	0.02	0.06	0.07	0.07	0.00	0.0%
NC_705	360	4732	0.09	0.08	0.02	0.08	0.05	0.05	0.02	0.08	0.08	0.08	0.00	0.0%
NC_706	15	4420	1.56	1.55	0.07	1.57	1.50	1.50	0.82	0.46	1.02	1.50	-0.07	-4.5%
NC_707	10	4389	0.50	0.49	0.04	0.49	0.44	0.49	0.24	0.14	0.31	0.49	0.00	0.0%
NC_708	20	4455	3.73	3.71	0.26	3.71	3.14	3.16	2.11	1.49	2.69	3.16	-0.55	-14.8%
NC_709	45	4547	2.38	2.35	0.19	2.36	1.41	1.42	1.92	1.47	2.04	2.04	-0.32	-13.6%
NC_710	25	4485	0.76	0.76	0.05	0.76	0.55	0.56	0.58	0.54	0.67	0.67	-0.09	-11.8%
NC_711	10	4384	0.11	0.11	0.01	0.11	0.11	0.11	0.06	0.06	0.09	0.11	0.00	0.0%
NC_712	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.06	0.14	0.21	0.00	0.0%
NC_713	10	4389	0.20	0.19	0.02	0.20	0.18	0.20	0.09	0.12	0.16	0.20	0.00	0.0%
NC_714	540	4776	37.38	37.11	8.23	37.13	9.13	9.13	29.26	37.99	38.46	38.46	1.33	3.6%
NC_715	10	4389	0.25	0.25	0.01	0.25	0.24	0.25	0.12	0.19	0.22	0.25	0.00	0.0%
NC_716	360	4732	0.09	0.08	0.02	0.08	0.08	0.07	0.04	0.08	0.08	0.08	0.00	0.0%
NC_717	10	4389	0.27	0.27	0.02	0.27	0.24	0.27	0.13	0.12	0.19	0.27	0.00	0.0%
NC_718	360	4740	0.25	0.23	0.06	0.23	0.21	0.23	0.11	0.21	0.23	0.23	0.00	0.0%
NC_719	60	4581	0.84	0.84	0.04	0.85	0.38	0.42	0.85	0.71	0.74	0.85	0.00	0.0%
NC_720	20	4445	0.47	0.46	0.04	0.47	0.45	0.47	0.25	0.36	0.42	0.47	0.00	0.0%
NC_721	10	4384	0.23	0.23	0.02	0.23	0.23	0.23	0.11	0.06	0.14	0.23	0.00	0.0%
NC_722	10	4389	0.36	0.35	0.03	0.35	0.32	0.35	0.17	0.13	0.23	0.35	0.00	0.0%
NC_723	10	4389	0.34	0.33	0.03	0.34	0.30	0.34	0.18	0.12	0.22	0.34	0.00	0.0%
NC_724	10	4384	0.16	0.15	0.02	0.15	0.15	0.15	0.08	0.08	0.11	0.15	0.00	0.0%
NC_725	45	4554	2.47	2.44	0.23	2.45	1.55	1.55	1.92	1.43	2.06	2.06	-0.39	-15.9%
NC_726	360	4740	0.07	0.06	0.02	0.06	0.03	0.03	0.02	0.06	0.06	0.06	0.00	0.0%
NC_727	10	4384	0.17	0.17	0.02	0.17	0.17	0.17	0.08	0.06	0.11	0.17	0.00	0.0%
NC_728	10	4384	0.15	0.14	0.01	0.15	0.15	0.14	0.07	0.07	0.11	0.15	0.00	0.0%
NC_729	20	4449	3.28	3.29	0.26	3.34	2.94	2.97	1.81	1.26	2.37	2.97	-0.37	-11.1%
NC_730	540	4771	33.28	33.18	7.40	33.73	12.87	12.88	29.92	34.05	33.98	34.05	0.32	0.9%
NC_731	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.06	0.14	0.21	0.00	0.0%
NC_732	540	4776	37.16	36.86	8.24	37.09	9.25	9.25	29.41	37.92	38.33	38.33	1.24	3.3%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_733	10	4389	0.30	0.29	0.02	0.30	0.27	0.30	0.17	0.13	0.22	0.30	0.00	0.0%
NC_734	10	4384	0.21	0.20	0.02	0.20	0.20	0.20	0.10	0.06	0.13	0.20	0.00	0.0%
NC_735	10	4389	0.27	0.26	0.02	0.26	0.25	0.26	0.13	0.06	0.16	0.26	0.00	0.0%
NC_736	10	4389	0.65	0.63	0.06	0.64	0.59	0.64	0.32	0.14	0.37	0.64	0.00	0.0%
NC_737	10	4389	1.36	1.35	0.04	1.36	1.32	1.36	0.68	0.39	0.88	1.36	0.00	0.0%
NC_738	360	4732	0.06	0.06	0.02	0.06	0.02	0.02	0.01	0.06	0.06	0.06	0.00	0.0%
NC_739	10	4389	0.32	0.31	0.03	0.31	0.30	0.31	0.15	0.08	0.19	0.31	0.00	0.0%
NC_740	45	4553	1.75	1.76	0.08	1.77	0.91	0.91	1.56	1.49	1.63	1.63	-0.14	-7.9%
NC_741	540	4776	37.18	36.89	8.22	37.05	9.17	9.17	29.29	37.89	38.32	38.32	1.27	3.4%
NC_742	10	4389	0.71	0.70	0.04	0.71	0.66	0.71	0.34	0.19	0.45	0.71	0.00	0.0%
NC_743	10	4384	0.14	0.13	0.01	0.14	0.14	0.13	0.07	0.06	0.10	0.14	0.00	0.0%
NC_744	20	4455	1.15	1.15	0.08	1.16	0.97	0.98	0.67	0.98	1.10	1.10	-0.06	-5.2%
NC_745	15	4420	2.57	2.56	0.10	2.59	2.35	2.37	1.39	0.98	1.86	2.37	-0.22	-8.5%
NC_746	10	4384	0.24	0.23	0.02	0.23	0.23	0.23	0.12	0.06	0.15	0.23	0.00	0.0%
NC_747	10	4389	0.43	0.42	0.03	0.42	0.39	0.42	0.23	0.13	0.28	0.42	0.00	0.0%
NC_748	10	4384	0.16	0.16	0.02	0.16	0.16	0.16	0.08	0.06	0.11	0.16	0.00	0.0%
NC_749	45	4552	2.04	2.04	0.20	2.06	1.45	1.46	1.48	0.94	1.51	1.51	-0.55	-26.7%
NC_750	540	4771	36.91	36.60	8.62	37.22	13.94	13.94	32.57	37.93	37.85	37.93	0.71	1.9%
NC_751	10	4389	0.25	0.24	0.02	0.25	0.24	0.25	0.12	0.06	0.15	0.25	0.00	0.0%
NC_752	10	4389	0.50	0.50	0.04	0.50	0.45	0.50	0.24	0.13	0.31	0.50	0.00	0.0%
NC_753	10	4389	0.31	0.30	0.03	0.30	0.29	0.30	0.15	0.09	0.19	0.30	0.00	0.0%
NC_754	360	4737	0.15	0.15	0.03	0.16	0.08	0.08	0.05	0.16	0.14	0.16	0.00	0.0%
NC_755	10	4389	0.30	0.29	0.03	0.29	0.27	0.29	0.15	0.12	0.19	0.29	0.00	0.0%
NC_756	540	4771	36.91	36.57	8.63	37.18	14.03	14.03	32.65	37.97	37.84	37.97	0.79	2.1%
NC_757	10	4384	0.11	0.10	0.01	0.11	0.11	0.10	0.05	0.06	0.08	0.11	0.00	0.0%
NC_758	10	4384	0.16	0.16	0.02	0.16	0.16	0.16	0.08	0.06	0.11	0.16	0.00	0.0%
NC_759	10	4389	0.30	0.29	0.03	0.30	0.29	0.30	0.15	0.07	0.18	0.30	0.00	0.0%
NC_760	10	4389	1.21	1.20	0.07	1.21	1.13	1.21	0.58	0.32	0.75	1.21	0.00	0.0%
NC_761	360	4740	0.07	0.06	0.02	0.06	0.05	0.04	0.02	0.06	0.06	0.06	0.00	0.0%
NC_762	20	4451	0.27	0.27	0.03	0.27	0.24	0.26	0.16	0.13	0.21	0.26	-0.01	-3.7%
NC_763	360	4740	0.27	0.25	0.07	0.26	0.22	0.23	0.12	0.23	0.26	0.26	0.00	0.0%
NC_764	360	4740	0.07	0.06	0.02	0.07	0.07	0.06	0.03	0.06	0.07	0.07	0.00	0.0%
NC_765	25	4487	0.38	0.39	0.03	0.39	0.28	0.28	0.25	0.20	0.31	0.31	-0.08	-20.5%
NC_766	10	4389	0.67	0.66	0.05	0.67	0.61	0.67	0.32	0.17	0.40	0.67	0.00	0.0%
NC_767	540	4771	2.65	2.56	1.06	2.56	0.87	0.87	2.02	2.87	2.93	2.93	0.37	14.5%
NC_768	10	4389	0.27	0.26	0.02	0.26	0.26	0.26	0.13	0.06	0.16	0.26	0.00	0.0%
NC_769	45	4547	1.27	1.26	0.12	1.27	0.82	0.83	0.96	1.03	1.24	1.24	-0.03	-2.4%
NC_770	540	4771	36.89	36.60	8.61	37.22	13.86	13.86	32.49	37.92	37.84	37.92	0.70	1.9%
NC_771	10	4389	0.37	0.36	0.03	0.36	0.35	0.36	0.18	0.09	0.22	0.36	0.00	0.0%
NC_772	10	4384	0.22	0.21	0.02	0.22	0.22	0.21	0.11	0.06	0.14	0.22	0.00	0.0%
NC_773	10	4384	0.13	0.13	0.01	0.13	0.13	0.12	0.06	0.06	0.09	0.13	0.00	0.0%
NC_774	10	4389	1.26	1.25	0.07	1.26	1.17	1.26	0.61	0.34	0.79	1.26	0.00	0.0%
NC_775	10	4389	0.37	0.36	0.03	0.36	0.35	0.36	0.18	0.10	0.23	0.36	0.00	0.0%
NC_776	360	4732	0.13	0.12	0.03	0.12	0.09	0.10	0.05	0.11	0.12	0.12	0.00	0.0%
NC_777	45	4552	1.34	1.34	0.13	1.36	0.99	0.99	0.91	0.90	1.17	1.17	-0.19	-14.0%
NC_778	10	4389	0.24	0.23	0.02	0.23	0.23	0.23	0.12	0.06	0.15	0.23	0.00	0.0%
NC_779	25	4487	1.71	1.73	0.13	1.75	1.27	1.28	1.24	1.11	1.35	1.35	-0.40	-22.9%
NC_780	45	4552	1.06	1.05	0.10	1.05	0.78	0.79	0.77	0.76	0.86	0.86	-0.19	-18.1%
NC_781	360	4740	0.14	0.13	0.03	0.13	0.04	0.04	0.03	0.13	0.13	0.13	0.00	0.0%
NC_782	10	4389	0.40	0.39	0.04	0.39	0.38	0.39	0.20	0.09	0.23	0.39	0.00	0.0%
NC_783	10	4389	0.22	0.21	0.02	0.22	0.19	0.22	0.10	0.12	0.16	0.22	0.00	0.0%
NC_784	10	4389	1.28	1.27	0.04	1.27	1.24	1.27	0.64	0.39	0.87	1.27	0.00	0.0%
NC_785	10	4389	0.47	0.47	0.02	0.47	0.44	0.47	0.24	0.39	0.43	0.47	0.00	0.0%
NC_786	10	4389	0.28	0.27	0.03	0.27	0.27	0.27	0.14	0.07	0.17	0.27	0.00	0.0%
NC_787	20	4445	1.51	1.50	0.09	1.50	1.23	1.23	0.90	0.86	1.18	1.23	-0.27	-18.0%
NC_788	360	4740	0.07	0.07	0.02	0.07	0.04	0.03	0.02	0.06	0.07	0.07	0.00	0.0%
NC_789	540	4776	2.65	2.54	1.06	2.57	0.90	0.90	2.03	2.88	2.90	2.90	0.33	12.8%
NC_790	10	4389	0.26	0.25	0.02	0.26	0.24	0.26	0.12	0.08	0.17	0.26	0.00	0.0%
NC_791	10	4389	0.48	0.47	0.03	0.48	0.44	0.48	0.23	0.13	0.30	0.48	0.00	0.0%
NC_792	10	4389	1.38	1.36	0.04	1.37	1.33	1.37	0.71	0.46	0.96	1.37	0.00	0.0%
NC_793	10	4389	0.81	0.81	0.04	0.81	0.76	0.81	0.40	0.22	0.52	0.81	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_794	15	4420	1.56	1.55	0.06	1.57	1.49	1.50	0.83	0.58	1.12	1.50	-0.07	-4.5%
NC_795	10	4389	0.33	0.32	0.03	0.33	0.32	0.33	0.16	0.07	0.18	0.33	0.00	0.0%
NC_796	360	4737	0.15	0.14	0.03	0.15	0.06	0.06	0.05	0.15	0.14	0.15	0.00	0.0%
NC_797	15	4420	1.45	1.44	0.07	1.47	1.41	1.43	0.76	0.58	0.98	1.43	-0.04	-2.7%
NC_798	10	4384	0.12	0.12	0.01	0.12	0.12	0.11	0.06	0.08	0.10	0.12	0.00	0.0%
NC_799	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.06	0.14	0.22	0.00	0.0%
NC_800	10	4384	0.10	0.09	0.01	0.09	0.09	0.09	0.05	0.06	0.09	0.09	0.00	0.0%
NC_801	360	4740	0.07	0.06	0.02	0.07	0.03	0.03	0.02	0.06	0.07	0.07	0.00	0.0%
NC_802	15	4420	0.52	0.52	0.04	0.53	0.49	0.51	0.27	0.18	0.37	0.51	-0.02	-3.8%
NC_803	20	4449	0.55	0.55	0.05	0.55	0.51	0.53	0.39	0.45	0.43	0.53	-0.02	-3.6%
NC_804	10	4389	0.61	0.60	0.05	0.61	0.55	0.61	0.29	0.16	0.38	0.61	0.00	0.0%
NC_805	10	4389	1.18	1.17	0.07	1.17	1.09	1.17	0.57	0.33	0.77	1.17	0.00	0.0%
NC_806	10	4389	0.29	0.28	0.03	0.28	0.28	0.28	0.14	0.08	0.18	0.28	0.00	0.0%
NC_807	10	4389	0.29	0.28	0.03	0.28	0.28	0.28	0.14	0.07	0.17	0.28	0.00	0.0%
NC_808	360	4732	0.06	0.06	0.02	0.06	0.01	0.01	0.01	0.05	0.06	0.06	0.00	0.0%
NC_809	10	4389	0.44	0.43	0.03	0.44	0.40	0.44	0.22	0.13	0.29	0.44	0.00	0.0%
NC_810	10	4389	0.09	0.08	0.01	0.09	0.08	0.09	0.04	0.06	0.08	0.09	0.00	0.0%
NC_811	10	4384	0.10	0.10	0.01	0.10	0.10	0.09	0.05	0.06	0.08	0.10	0.00	0.0%
NC_812	10	4389	0.31	0.30	0.03	0.30	0.29	0.30	0.15	0.07	0.18	0.30	0.00	0.0%
NC_813	10	4384	0.24	0.23	0.02	0.23	0.23	0.23	0.12	0.06	0.15	0.23	0.00	0.0%
NC_814	10	4389	1.06	1.05	0.02	1.05	1.03	1.05	0.54	0.45	0.71	1.05	0.00	0.0%
NC_815	540	4776	2.61	2.51	1.06	2.57	0.92	0.92	2.03	2.86	2.83	2.86	0.29	11.3%
NC_816	10	4384	0.22	0.22	0.02	0.22	0.22	0.22	0.11	0.06	0.14	0.22	0.00	0.0%
NC_817	10	4389	0.30	0.29	0.03	0.30	0.29	0.30	0.15	0.07	0.18	0.30	0.00	0.0%
NC_818	10	4389	0.28	0.27	0.03	0.27	0.27	0.27	0.14	0.07	0.17	0.27	0.00	0.0%
NC_819	10	4389	0.32	0.31	0.03	0.31	0.31	0.31	0.16	0.07	0.18	0.31	0.00	0.0%
NC_820	10	4389	0.26	0.25	0.02	0.25	0.25	0.25	0.13	0.06	0.16	0.25	0.00	0.0%
NC_821	10	4389	0.27	0.26	0.03	0.27	0.26	0.27	0.13	0.07	0.17	0.27	0.00	0.0%
NC_822	10	4389	0.29	0.28	0.03	0.29	0.28	0.29	0.14	0.07	0.17	0.29	0.00	0.0%
NC_823	10	4391	0.08	0.08	0.01	0.08	0.08	0.08	0.04	0.06	0.07	0.08	0.00	0.0%
NC_824	10	4389	0.95	0.94	0.05	0.95	0.89	0.95	0.46	0.39	0.61	0.95	0.00	0.0%
NC_825	360	4740	0.10	0.09	0.03	0.09	0.09	0.08	0.04	0.09	0.09	0.09	0.00	0.0%
NC_826	10	4389	0.24	0.23	0.02	0.23	0.23	0.23	0.12	0.07	0.15	0.23	0.00	0.0%
NC_827	360	4740	2.54	2.64	0.64	2.73	0.96	0.96	2.02	2.77	2.73	2.77	0.04	1.5%
NC_828	10	4389	0.27	0.27	0.02	0.27	0.24	0.27	0.15	0.12	0.19	0.27	0.00	0.0%
NC_829	20	4450	0.41	0.41	0.04	0.42	0.36	0.38	0.30	0.38	0.35	0.38	-0.04	-9.5%
NC_830	10	4389	0.53	0.53	0.04	0.53	0.48	0.53	0.26	0.27	0.35	0.53	0.00	0.0%
NC_831	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.06	0.14	0.22	0.00	0.0%
NC_832	20	4451	0.33	0.33	0.04	0.34	0.29	0.32	0.23	0.32	0.31	0.32	-0.02	-5.9%
NC_833	10	4384	0.17	0.16	0.02	0.16	0.16	0.16	0.08	0.06	0.11	0.16	0.00	0.0%
NC_834	360	4740	2.54	2.64	0.64	2.70	1.03	1.03	2.05	2.76	2.70	2.76	0.06	2.2%
NC_835	10	4384	0.19	0.19	0.02	0.19	0.19	0.19	0.10	0.13	0.13	0.19	0.00	0.0%
NC_836	10	4389	0.13	0.13	0.01	0.13	0.12	0.13	0.07	0.06	0.10	0.13	0.00	0.0%
NC_837	360	4740	0.07	0.06	0.02	0.06	0.05	0.04	0.02	0.06	0.06	0.06	0.00	0.0%
NC_838	10	4389	0.12	0.12	0.01	0.12	0.11	0.12	0.06	0.06	0.08	0.12	0.00	0.0%
NC_839	360	4740	2.39	2.49	0.60	2.55	1.06	1.06	2.04	2.59	2.55	2.59	0.04	1.6%
NC_840	360	4740	0.27	0.25	0.06	0.26	0.20	0.21	0.13	0.25	0.26	0.26	0.00	0.0%
NC_841	10	4384	0.11	0.11	0.01	0.11	0.11	0.11	0.06	0.07	0.09	0.11	0.00	0.0%
NC_842	360	4736	0.30	0.29	0.06	0.31	0.25	0.27	0.18	0.32	0.27	0.32	0.01	3.2%
NC_843	360	4740	0.14	0.13	0.03	0.13	0.11	0.13	0.07	0.12	0.13	0.13	0.00	0.0%
NC_844	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.07	0.15	0.22	0.00	0.0%
NC_845	360	4740	2.38	2.49	0.59	2.53	1.18	1.19	2.08	2.58	2.53	2.58	0.05	2.0%
NC_846	20	4449	0.67	0.66	0.07	0.67	0.63	0.65	0.38	0.32	0.48	0.65	-0.02	-3.0%
NC_847	25	4485	0.75	0.75	0.04	0.76	0.51	0.51	0.56	0.50	0.64	0.64	-0.12	-15.8%
NC_848	10	4384	0.10	0.10	0.01	0.10	0.10	0.09	0.05	0.06	0.08	0.10	0.00	0.0%
NC_849	360	4740	0.07	0.06	0.02	0.06	0.03	0.03	0.02	0.06	0.06	0.06	0.00	0.0%
NC_850	25	4489	0.50	0.49	0.05	0.49	0.42	0.44	0.39	0.39	0.40	0.44	-0.05	-10.2%
NC_851	360	4740	1.92	1.99	0.49	2.05	0.72	0.72	1.54	2.06	2.05	2.06	0.01	0.5%
NC_852	360	4737	0.12	0.12	0.03	0.12	0.03	0.02	0.02	0.12	0.11	0.12	0.00	0.0%
NC_853	10	4389	0.26	0.25	0.02	0.25	0.25	0.25	0.13	0.07	0.16	0.25	0.00	0.0%
NC_854	20	4450	0.67	0.68	0.04	0.68	0.51	0.51	0.45	0.38	0.50	0.51	-0.17	-25.0%

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Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_855	10	4389	0.34	0.33	0.03	0.33	0.32	0.33	0.17	0.12	0.21	0.33	0.00	0.0%
NC_856	360	4740	0.14	0.13	0.03	0.13	0.09	0.10	0.06	0.13	0.13	0.13	0.00	0.0%
NC_857	10	4389	0.27	0.26	0.03	0.26	0.26	0.26	0.13	0.07	0.16	0.26	0.00	0.0%
NC_858	20	4451	0.47	0.47	0.05	0.47	0.43	0.46	0.32	0.32	0.34	0.46	-0.01	-2.1%
NC_859	360	4740	0.07	0.07	0.02	0.07	0.07	0.06	0.03	0.06	0.07	0.07	0.00	0.0%
NC_860	360	4737	1.45	1.50	0.38	1.56	0.49	0.49	1.06	1.56	1.59	1.59	0.03	1.9%
NC_861	10	4389	0.26	0.25	0.02	0.25	0.25	0.25	0.12	0.06	0.15	0.25	0.00	0.0%
NC_862	10	4389	0.35	0.34	0.03	0.34	0.31	0.34	0.20	0.23	0.24	0.34	0.00	0.0%
NC_863	360	4737	1.35	1.38	0.35	1.42	0.50	0.50	0.99	1.42	1.45	1.45	0.03	2.1%
NC_864	10	4389	0.24	0.24	0.02	0.24	0.24	0.24	0.12	0.07	0.15	0.24	0.00	0.0%
NC_865	360	4740	0.13	0.13	0.03	0.13	0.10	0.11	0.07	0.12	0.13	0.13	0.00	0.0%
NC_866	10	4384	0.11	0.11	0.01	0.11	0.11	0.11	0.06	0.06	0.09	0.11	0.00	0.0%
NC_867	20	4451	0.25	0.25	0.03	0.25	0.23	0.25	0.15	0.14	0.20	0.25	0.00	0.0%
NC_868	360	4737	0.80	0.80	0.21	0.81	0.37	0.37	0.68	0.81	0.88	0.88	0.07	8.6%
NC_869	360	4740	0.53	0.54	0.13	0.55	0.18	0.18	0.35	0.57	0.55	0.57	0.02	3.6%
NC_870	360	4740	0.55	0.57	0.14	0.58	0.17	0.17	0.33	0.59	0.58	0.59	0.01	1.7%
NC_871	360	4740	0.13	0.12	0.03	0.12	0.09	0.10	0.06	0.11	0.12	0.12	0.00	0.0%
NC_872	45	4547	0.62	0.62	0.03	0.62	0.34	0.34	0.55	0.55	0.65	0.65	0.03	4.8%
NC_873	360	4740	0.23	0.22	0.05	0.24	0.17	0.18	0.16	0.21	0.24	0.24	0.00	0.0%
NC_874	10	4384	0.15	0.15	0.01	0.15	0.15	0.15	0.07	0.06	0.11	0.15	0.00	0.0%
NC_875	360	4738	0.51	0.51	0.12	0.52	0.21	0.21	0.34	0.52	0.51	0.52	0.00	0.0%
NC_876	45	4547	0.63	0.62	0.06	0.62	0.38	0.38	0.51	0.43	0.57	0.57	-0.05	-8.1%
NC_877	360	4740	0.48	0.49	0.11	0.49	0.24	0.24	0.33	0.48	0.49	0.49	0.00	0.0%
NC_878	10	4389	0.27	0.27	0.02	0.27	0.24	0.27	0.15	0.13	0.20	0.27	0.00	0.0%
NC_879	45	4552	0.66	0.66	0.07	0.67	0.46	0.46	0.49	0.37	0.54	0.54	-0.13	-19.4%
NC_880	360	4736	0.16	0.16	0.04	0.16	0.03	0.03	0.03	0.17	0.14	0.17	0.01	6.3%
NC_881	10	4389	0.28	0.27	0.03	0.27	0.27	0.27	0.14	0.07	0.17	0.27	0.00	0.0%
NC_882	10	4384	0.10	0.09	0.01	0.10	0.10	0.09	0.05	0.08	0.09	0.10	0.00	0.0%
NC_883	360	4740	0.46	0.45	0.10	0.47	0.33	0.34	0.32	0.43	0.47	0.47	0.00	0.0%
NC_884	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.06	0.14	0.21	0.00	0.0%
NC_885	10	4389	0.26	0.25	0.02	0.25	0.25	0.25	0.13	0.06	0.16	0.25	0.00	0.0%
NC_886	20	4449	0.66	0.66	0.07	0.66	0.60	0.63	0.39	0.25	0.45	0.63	-0.03	-4.5%
NC_887	10	4389	0.36	0.36	0.03	0.36	0.33	0.36	0.20	0.12	0.24	0.36	0.00	0.0%
NC_888	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.06	0.14	0.21	0.00	0.0%
NC_889	360	4740	0.07	0.06	0.02	0.06	0.04	0.03	0.02	0.06	0.06	0.06	0.00	0.0%
NC_890	360	4737	0.20	0.19	0.04	0.19	0.08	0.09	0.06	0.19	0.19	0.19	0.00	0.0%
NC_891	360	4732	0.07	0.06	0.02	0.06	0.05	0.05	0.03	0.06	0.06	0.06	0.00	0.0%
NC_892	10	4391	0.08	0.08	0.01	0.08	0.08	0.08	0.04	0.06	0.07	0.08	0.00	0.0%
NC_893	360	4740	0.09	0.08	0.02	0.08	0.06	0.05	0.03	0.08	0.08	0.08	0.00	0.0%
NC_894	10	4384	0.11	0.11	0.01	0.11	0.11	0.11	0.06	0.08	0.09	0.11	0.00	0.0%
NC_895	360	4740	0.07	0.06	0.02	0.06	0.03	0.02	0.02	0.06	0.06	0.06	0.00	0.0%
NC_896	360	4732	0.07	0.06	0.02	0.06	0.01	0.00	0.01	0.06	0.06	0.06	0.00	0.0%
NC_897	360	4732	0.07	0.06	0.02	0.06	0.04	0.04	0.02	0.06	0.06	0.06	0.00	0.0%
NC_898	360	4737	0.23	0.22	0.05	0.22	0.06	0.06	0.04	0.22	0.21	0.22	0.00	0.0%
NC_899	360	4740	0.08	0.07	0.02	0.07	0.01	0.01	0.01	0.07	0.07	0.07	0.00	0.0%
NC_900	360	4737	0.14	0.13	0.03	0.14	0.08	0.08	0.05	0.14	0.13	0.14	0.00	0.0%
NC_901	10	4384	0.10	0.10	0.01	0.10	0.10	0.10	0.05	0.06	0.08	0.10	0.00	0.0%
NC_902	10	4389	0.16	0.15	0.01	0.15	0.14	0.15	0.09	0.12	0.14	0.15	0.00	0.0%
NC_903	10	4389	0.33	0.32	0.03	0.33	0.30	0.33	0.17	0.28	0.28	0.33	0.00	0.0%
NC_904	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.06	0.15	0.24	0.00	0.0%
NC_905	360	4737	0.31	0.30	0.07	0.31	0.19	0.20	0.15	0.31	0.30	0.31	0.00	0.0%
NC_906	360	4732	0.07	0.07	0.02	0.07	0.01	0.01	0.01	0.06	0.07	0.07	0.00	0.0%
NC_907	10	4389	0.39	0.39	0.03	0.39	0.36	0.39	0.22	0.15	0.27	0.39	0.00	0.0%
NC_908	540	4770	0.44	0.42	0.18	0.45	0.13	0.15	0.20	0.45	0.40	0.45	0.00	0.0%
NC_909	10	4384	0.13	0.12	0.01	0.13	0.13	0.12	0.06	0.06	0.09	0.13	0.00	0.0%
NC_910	360	4740	0.06	0.06	0.02	0.06	0.02	0.02	0.01	0.05	0.06	0.06	0.00	0.0%
NC_911	10	4384	0.10	0.10	0.01	0.10	0.10	0.10	0.05	0.04	0.07	0.10	0.00	0.0%
NC_912	10	4384	0.21	0.21	0.02	0.21	0.21	0.20	0.10	0.06	0.13	0.21	0.00	0.0%
NC_913	10	4389	0.84	0.83	0.02	0.84	0.80	0.84	0.42	0.27	0.55	0.84	0.00	0.0%
NC_914	10	4389	0.70	0.69	0.04	0.70	0.65	0.70	0.37	0.24	0.47	0.70	0.00	0.0%
NC_915	10	4389	0.66	0.65	0.04	0.66	0.61	0.66	0.31	0.21	0.42	0.66	0.00	0.0%

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Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_916	10	4389	0.27	0.27	0.03	0.27	0.26	0.27	0.13	0.07	0.17	0.27	0.00	0.0%
NC_917	360	4737	0.18	0.17	0.04	0.17	0.02	0.03	0.02	0.17	0.16	0.17	0.00	0.0%
NC_918	360	4740	0.07	0.06	0.02	0.06	0.06	0.05	0.03	0.06	0.06	0.06	0.00	0.0%
NC_919	10	4389	0.33	0.32	0.03	0.32	0.29	0.32	0.18	0.24	0.25	0.32	0.00	0.0%
NC_920	10	4389	0.90	0.90	0.02	0.90	0.87	0.90	0.47	0.39	0.62	0.90	0.00	0.0%
NC_921	10	4389	0.25	0.24	0.02	0.25	0.24	0.25	0.12	0.07	0.15	0.25	0.00	0.0%
NC_922	360	4732	0.06	0.06	0.02	0.06	0.01	0.01	0.01	0.05	0.06	0.06	0.00	0.0%
NC_923	360	4737	0.11	0.11	0.03	0.11	0.00	0.01	0.01	0.11	0.10	0.11	0.00	0.0%
NC_924	360	4740	0.06	0.06	0.02	0.06	0.02	0.01	0.01	0.05	0.06	0.06	0.00	0.0%
NC_925	45	4553	0.95	0.97	0.09	0.99	0.66	0.67	0.78	0.80	0.79	0.80	-0.19	-19.2%
NC_926	360	4736	0.21	0.20	0.05	0.21	0.03	0.03	0.02	0.21	0.18	0.21	0.00	0.0%
NC_927	360	4740	0.07	0.06	0.02	0.06	0.03	0.03	0.02	0.06	0.06	0.06	0.00	0.0%
NC_928	10	4384	0.10	0.10	0.01	0.10	0.10	0.10	0.05	0.08	0.09	0.10	0.00	0.0%
NC_929	10	4389	0.68	0.68	0.04	0.68	0.63	0.68	0.34	0.31	0.46	0.68	0.00	0.0%
NC_930	20	4455	2.91	2.88	0.16	2.91	2.28	2.29	1.89	1.60	2.17	2.29	-0.62	-21.3%
NC_931	10	4389	0.32	0.31	0.03	0.31	0.30	0.31	0.16	0.08	0.19	0.31	0.00	0.0%
NC_932	540	4770	0.92	0.87	0.38	0.97	0.43	0.45	0.45	0.97	0.84	0.97	0.00	0.0%
NC_933	10	4389	0.24	0.24	0.02	0.24	0.24	0.24	0.12	0.06	0.15	0.24	0.00	0.0%
NC_934	10	4389	0.26	0.25	0.02	0.25	0.25	0.25	0.12	0.06	0.15	0.25	0.00	0.0%
NC_935	360	4740	0.15	0.14	0.03	0.14	0.10	0.11	0.07	0.13	0.14	0.14	0.00	0.0%
NC_936	540	4770	0.25	0.24	0.12	0.27	0.02	0.02	0.03	0.27	0.22	0.27	0.00	0.0%
NC_937	45	4553	1.13	1.16	0.10	1.18	0.74	0.74	0.95	0.91	0.91	0.95	-0.23	-19.5%
NC_938	10	4389	0.44	0.44	0.04	0.44	0.40	0.44	0.21	0.12	0.28	0.44	0.00	0.0%
NC_939	10	4384	0.10	0.10	0.01	0.10	0.10	0.10	0.05	0.07	0.09	0.10	0.00	0.0%
NC_940	540	4770	1.00	0.95	0.41	1.05	0.51	0.51	0.57	1.05	0.92	1.05	0.00	0.0%
NC_941	540	4776	0.29	0.28	0.13	0.31	0.02	0.02	0.03	0.31	0.26	0.31	0.00	0.0%
NC_942	10	4388	0.08	0.08	0.01	0.08	0.08	0.07	0.04	0.06	0.07	0.08	0.00	0.0%
NC_943	10	4389	0.37	0.36	0.03	0.36	0.35	0.36	0.18	0.09	0.22	0.36	0.00	0.0%
NC_944	10	4384	0.21	0.21	0.02	0.21	0.21	0.21	0.10	0.06	0.13	0.21	0.00	0.0%
NC_945	360	4740	0.07	0.06	0.02	0.06	0.01	0.01	0.01	0.06	0.06	0.06	0.00	0.0%
NC_946	10	4384	0.24	0.24	0.02	0.24	0.24	0.24	0.12	0.06	0.15	0.24	0.00	0.0%
NC_947	360	4740	0.06	0.06	0.02	0.06	0.02	0.01	0.01	0.05	0.06	0.06	0.00	0.0%
NC_948	540	4776	0.43	0.41	0.20	0.46	0.03	0.03	0.04	0.46	0.38	0.46	0.00	0.0%
NC_949	540	4770	1.02	0.98	0.42	1.07	0.38	0.38	0.56	1.08	0.95	1.08	0.01	0.9%
NC_950	1440	4877	0.33	0.34	0.03	0.34	0.14	0.13	0.07	0.17	0.17	0.17	-0.17	-50.0%
NC_951	25	4489	0.62	0.60	0.05	0.61	0.47	0.50	0.47	0.55	0.59	0.59	-0.02	-3.3%
NC_952	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.07	0.15	0.24	0.00	0.0%
NC_953	10	4389	0.30	0.29	0.03	0.29	0.28	0.29	0.14	0.07	0.18	0.29	0.00	0.0%
NC_954	360	4740	0.07	0.07	0.02	0.07	0.06	0.05	0.03	0.06	0.07	0.07	0.00	0.0%
NC_955	360	4740	0.07	0.06	0.02	0.07	0.04	0.03	0.02	0.06	0.07	0.07	0.00	0.0%
NC_956	45	4553	1.42	1.46	0.13	1.49	0.97	0.98	1.20	1.20	1.17	1.20	-0.29	-19.5%
NC_957	10	4389	0.79	0.78	0.05	0.78	0.72	0.78	0.39	0.31	0.52	0.78	0.00	0.0%
NC_958	360	4740	0.07	0.06	0.02	0.06	0.02	0.02	0.01	0.06	0.06	0.06	0.00	0.0%
NC_959	10	4389	0.65	0.64	0.04	0.65	0.60	0.65	0.31	0.21	0.41	0.65	0.00	0.0%
NC_960	45	4553	3.06	3.05	0.31	3.07	2.39	2.40	2.27	2.01	2.33	2.40	-0.67	-21.8%
NC_961	10	4389	0.30	0.30	0.03	0.30	0.28	0.30	0.16	0.14	0.21	0.30	0.00	0.0%
NC_962	360	4740	0.06	0.06	0.02	0.06	0.01	0.01	0.01	0.06	0.06	0.06	0.00	0.0%
NC_963	10	4389	0.43	0.43	0.04	0.43	0.39	0.43	0.21	0.15	0.28	0.43	0.00	0.0%
NC_964	540	4770	1.58	1.51	0.67	1.67	0.39	0.39	0.64	1.67	1.45	1.67	0.00	0.0%
NC_965	360	4737	0.13	0.12	0.03	0.12	0.02	0.02	0.03	0.12	0.12	0.12	0.00	0.0%
NC_966	10	4384	0.14	0.14	0.01	0.14	0.14	0.13	0.07	0.06	0.10	0.14	0.00	0.0%
NC_967	45	4552	2.94	2.95	0.29	2.98	2.02	2.02	2.32	2.03	2.35	2.35	-0.63	-21.1%
NC_968	360	4740	0.22	0.21	0.05	0.21	0.20	0.21	0.12	0.20	0.21	0.21	0.00	0.0%
NC_969	2160	4931	0.32	0.30	0.04	0.31	0.00	0.00	0.01	0.17	0.17	0.17	-0.14	-45.2%
NC_970	20	4455	0.73	0.72	0.05	0.73	0.61	0.61	0.43	0.33	0.53	0.61	-0.12	-16.4%
NC_971	45	4547	1.94	1.93	0.08	1.94	1.05	1.05	1.79	1.41	1.64	1.79	-0.15	-7.7%
NC_972	15	4420	1.15	1.14	0.06	1.16	1.11	1.13	0.60	0.46	0.82	1.13	-0.03	-2.6%
NC_973	540	4767	6.31	6.45	1.13	6.51	1.92	1.92	4.66	6.31	6.36	6.36	-0.15	-2.3%
NC_974	1080	4846	5.98	5.57	2.01	6.47	2.89	2.89	4.60	5.57	5.13	5.57	-0.90	-13.9%
NC_975	10	4389	0.40	0.40	0.03	0.40	0.37	0.40	0.19	0.10	0.25	0.40	0.00	0.0%
NC_976	1080	4846	5.92	5.52	2.00	6.42	2.90	2.90	4.45	5.51	5.04	5.51	-0.91	-14.2%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_977	1440	4879	5.78	6.01	1.76	6.16	2.93	2.93	4.12	5.31	4.82	5.31	-0.85	-13.8%
NC_978	1080	4846	12.24	11.79	3.68	13.52	4.69	4.69	9.71	12.14	11.65	12.14	-1.38	-10.2%
NC_979	540	4776	12.58	12.70	2.66	13.41	4.97	4.98	10.27	12.55	11.97	12.55	-0.86	-6.4%
NC_980	540	4771	7.89	7.65	2.54	7.74	3.50	3.50	7.64	8.11	8.30	8.30	0.56	7.2%
NC_981	540	4776	21.69	21.33	5.01	22.08	8.17	8.17	19.24	21.77	21.79	21.79	-0.29	-1.3%
NC_982	60	4579	6.42	6.43	0.37	6.45	3.35	3.35	6.42	6.22	6.46	6.46	0.01	0.2%
NC_983	60	4577	6.50	6.47	0.27	6.48	3.30	3.30	6.48	6.41	6.72	6.72	0.24	3.7%
NC_984	10	4389	0.64	0.63	0.03	0.64	0.60	0.64	0.31	0.17	0.41	0.64	0.00	0.0%
NC_985	10	4389	0.29	0.28	0.03	0.28	0.28	0.28	0.14	0.08	0.18	0.28	0.00	0.0%
NC_986	25	4487	0.85	0.85	0.07	0.86	0.64	0.64	0.58	0.46	0.65	0.65	-0.21	-24.4%
NC_987	10	4384	0.10	0.09	0.01	0.10	0.10	0.09	0.05	0.06	0.08	0.10	0.00	0.0%
NC_988	10	4384	0.21	0.20	0.02	0.20	0.20	0.20	0.10	0.06	0.13	0.20	0.00	0.0%
NC_989	10	4389	1.38	1.37	0.05	1.37	1.31	1.37	0.68	0.42	0.94	1.37	0.00	0.0%
NC_990	45	4547	4.39	4.39	0.09	4.41	2.72	2.72	4.33	4.27	4.35	4.35	-0.06	-1.4%
NC_991	10	4384	0.16	0.16	0.02	0.16	0.16	0.16	0.08	0.05	0.11	0.16	0.00	0.0%
NC_992	45	4552	1.12	1.12	0.09	1.13	0.92	0.92	0.82	0.67	0.93	0.93	-0.20	-17.7%
NC_993	10	4389	0.43	0.42	0.03	0.43	0.39	0.43	0.20	0.13	0.29	0.43	0.00	0.0%
NC_994	10	4389	0.31	0.30	0.03	0.31	0.28	0.31	0.15	0.10	0.21	0.31	0.00	0.0%
NC_995	10	4389	0.51	0.50	0.03	0.51	0.47	0.51	0.25	0.15	0.34	0.51	0.00	0.0%
NC_996	10	4389	0.50	0.50	0.03	0.50	0.47	0.50	0.24	0.14	0.33	0.50	0.00	0.0%
NC_997	20	4445	1.34	1.34	0.10	1.34	1.26	1.27	0.75	0.65	1.05	1.27	-0.07	-5.2%
NC_998	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.05	0.13	0.21	0.00	0.0%
NC_999	10	4389	0.45	0.44	0.04	0.44	0.40	0.44	0.21	0.12	0.28	0.44	0.00	0.0%
NC_1000	25	4487	0.83	0.81	0.08	0.82	0.69	0.71	0.59	0.49	0.59	0.71	-0.11	-13.4%
NC_1001	20	4445	0.60	0.58	0.05	0.59	0.58	0.59	0.34	0.34	0.47	0.59	0.00	0.0%
NC_1002	10	4389	0.41	0.41	0.03	0.41	0.38	0.41	0.20	0.11	0.26	0.41	0.00	0.0%
NC_1003	10	4389	0.27	0.26	0.02	0.27	0.25	0.27	0.13	0.09	0.18	0.27	0.00	0.0%
NC_1004	10	4389	0.27	0.26	0.02	0.27	0.25	0.27	0.13	0.15	0.20	0.27	0.00	0.0%
NC_1005	20	4455	1.84	1.85	0.14	1.87	1.67	1.68	1.04	0.88	1.43	1.68	-0.19	-10.2%
NC_1006	10	4384	0.24	0.23	0.02	0.23	0.23	0.23	0.12	0.06	0.15	0.23	0.00	0.0%
NC_1007	20	4455	3.87	3.84	0.22	3.88	3.04	3.06	2.39	1.94	3.07	3.07	-0.81	-20.9%
NC_1008	10	4389	0.76	0.75	0.02	0.75	0.73	0.75	0.38	0.23	0.50	0.75	0.00	0.0%
NC_1009	10	4384	0.21	0.20	0.02	0.20	0.20	0.20	0.10	0.07	0.14	0.20	0.00	0.0%
NC_1010	10	4389	0.45	0.45	0.01	0.45	0.43	0.45	0.24	0.17	0.32	0.45	0.00	0.0%
NC_1011	10	4384	0.15	0.14	0.01	0.15	0.15	0.14	0.07	0.05	0.10	0.15	0.00	0.0%
NC_1012	360	4732	0.06	0.05	0.02	0.05	0.03	0.03	0.02	0.05	0.05	0.05	0.00	0.0%
NC_1013	360	4740	0.15	0.14	0.04	0.14	0.11	0.11	0.05	0.13	0.14	0.14	0.00	0.0%
NC_1014	360	4740	0.23	0.21	0.05	0.21	0.17	0.18	0.09	0.20	0.21	0.21	0.00	0.0%
NC_1015	1080	4855	3.63	3.63	1.40	4.35	0.80	0.80	1.10	2.71	2.63	2.71	-1.64	-37.7%
NC_1016	360	4737	1.02	0.99	0.23	1.06	0.48	0.49	0.46	1.06	0.92	1.06	0.00	0.0%
NC_1017	1080	4855	2.96	2.89	1.08	3.43	0.43	0.44	0.43	2.48	2.37	2.48	-0.95	-27.7%
NC_1018	540	4770	0.89	0.88	0.25	0.89	0.53	0.58	0.59	0.95	0.95	0.95	0.06	6.7%
NC_1019	20	4445	0.14	0.14	0.01	0.14	0.14	0.14	0.08	0.12	0.12	0.14	0.00	0.0%
NC_1020	540	4770	2.64	2.55	1.10	2.56	0.04	0.04	0.20	2.44	2.26	2.44	-0.12	-4.7%
NC_1021	360	4740	0.34	0.33	0.08	0.34	0.26	0.26	0.19	0.32	0.34	0.34	0.00	0.0%
NC_1022	540	4770	0.19	0.17	0.09	0.20	0.04	0.04	0.03	0.20	0.16	0.20	0.00	0.0%
NC_1023	540	4771	2.79	2.72	1.15	2.77	0.20	0.20	0.22	2.51	2.35	2.51	-0.26	-9.4%
NC_1024	540	4770	2.29	2.19	0.98	2.42	0.35	0.35	0.70	2.42	2.10	2.42	0.00	0.0%
NC_1025	360	4740	0.76	0.71	0.17	0.72	0.38	0.38	0.25	0.71	0.72	0.72	0.00	0.0%
NC_1026	360	4737	0.28	0.26	0.06	0.26	0.12	0.13	0.06	0.26	0.25	0.26	0.00	0.0%
NC_1027	360	4740	0.48	0.45	0.11	0.46	0.30	0.30	0.20	0.44	0.46	0.46	0.00	0.0%
NC_1028	10	4384	0.09	0.09	0.01	0.09	0.09	0.09	0.05	0.06	0.08	0.09	0.00	0.0%
NC_1029	10	4384	0.10	0.10	0.01	0.10	0.10	0.09	0.05	0.05	0.08	0.10	0.00	0.0%
NC_1030	10	4391	0.08	0.08	0.01	0.09	0.09	0.08	0.04	0.02	0.06	0.09	0.00	0.0%
NC_1031	360	4740	0.06	0.05	0.01	0.06	0.01	0.01	0.01	0.05	0.06	0.06	0.00	0.0%
NC_1032	360	4740	0.12	0.11	0.03	0.12	0.09	0.10	0.06	0.11	0.12	0.12	0.00	0.0%
NC_1033	540	4770	0.23	0.21	0.10	0.24	0.05	0.05	0.04	0.24	0.20	0.24	0.00	0.0%
NC_1034	540	4770	0.44	0.42	0.18	0.45	0.13	0.14	0.19	0.45	0.40	0.45	0.00	0.0%
NC_1035	10	4384	0.10	0.10	0.01	0.10	0.10	0.09	0.05	0.05	0.08	0.10	0.00	0.0%
NC_1036	4320	4924	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	#DIV/0!
NC_1037	360	4737	0.23	0.22	0.05	0.24	0.11	0.12	0.09	0.24	0.21	0.24	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_1038	540	4770	0.20	0.18	0.09	0.21	0.06	0.06	0.04	0.21	0.17	0.21	0.00	0.0%
NC_1039	540	4770	0.26	0.24	0.11	0.25	0.09	0.09	0.14	0.25	0.23	0.25	0.00	0.0%
NC_1040	360	4740	0.04	0.03	0.01	0.04	0.00	0.00	0.01	0.03	0.04	0.04	0.00	0.0%
NC_1041	540	4770	0.26	0.25	0.12	0.26	0.08	0.08	0.14	0.26	0.24	0.26	0.00	0.0%
NC_1042	360	4740	0.09	0.09	0.02	0.09	0.08	0.08	0.05	0.08	0.09	0.09	0.00	0.0%
NC_1043	360	4736	0.34	0.33	0.08	0.35	0.08	0.08	0.10	0.36	0.30	0.36	0.01	2.9%
NC_1044	540	4776	0.80	0.75	0.35	0.81	0.06	0.06	0.16	0.84	0.74	0.84	0.03	3.7%
NC_1045	1440	4879	5.38	5.62	1.69	5.78	2.66	2.67	3.34	4.77	4.31	4.77	-1.01	-17.5%
NC_1046	540	4776	2.20	2.13	0.92	2.28	0.78	0.78	1.00	2.29	2.01	2.29	0.01	0.4%
NC_1047	540	4776	2.41	2.34	0.98	2.46	0.86	0.86	1.40	2.50	2.24	2.50	0.04	1.6%
NC_1048	25	4487	1.43	1.47	0.11	1.48	1.07	1.08	1.05	1.08	1.16	1.16	-0.32	-21.6%
NC_1049	60	4574	0.96	0.97	0.04	0.97	0.52	0.53	0.95	0.93	0.95	0.95	-0.02	-2.1%
NC_1050	90	4602	0.82	0.80	0.05	0.81	0.37	0.37	0.81	0.76	0.81	0.81	0.00	0.0%
NC_1051	10	4384	0.09	0.09	0.01	0.09	0.09	0.09	0.04	0.03	0.06	0.09	0.00	0.0%
NC_1052	25	4487	1.06	1.07	0.08	1.08	0.81	0.81	0.79	0.90	0.87	0.90	-0.18	-16.7%
NC_1053	10	4389	0.32	0.32	0.01	0.32	0.31	0.32	0.17	0.10	0.22	0.32	0.00	0.0%
NC_1054	45	4553	0.76	0.76	0.03	0.76	0.41	0.41	0.72	0.54	0.61	0.72	-0.04	-5.3%
NC_1055	10	4389	0.24	0.23	0.02	0.23	0.23	0.23	0.12	0.06	0.14	0.23	0.00	0.0%
NC_1056	10	4389	0.37	0.36	0.03	0.36	0.34	0.36	0.17	0.08	0.22	0.36	0.00	0.0%
NC_1057	10	4384	0.21	0.21	0.02	0.21	0.21	0.21	0.10	0.05	0.12	0.21	0.00	0.0%
NC_1058	60	4577	0.77	0.77	0.02	0.78	0.37	0.37	0.78	0.67	0.73	0.78	0.00	0.0%
NC_1059	540	4776	0.46	0.44	0.20	0.46	0.15	0.16	0.22	0.49	0.46	0.49	0.03	6.5%
NC_1060	10	4385	0.44	0.43	0.03	0.45	0.39	0.42	0.22	0.12	0.29	0.42	-0.03	-6.7%
NC_1061	45	4553	0.84	0.85	0.04	0.85	0.42	0.42	0.81	0.66	0.70	0.81	-0.04	-4.7%
NC_1062	90	4605	0.84	0.84	0.02	0.85	0.59	0.59	0.83	0.77	0.79	0.83	-0.02	-2.4%
NC_1063	25	4487	0.23	0.23	0.02	0.24	0.17	0.17	0.16	0.17	0.23	0.23	-0.01	-4.2%
NC_1064	45	4554	2.36	2.36	0.23	2.38	1.61	1.61	1.75	1.17	1.84	1.84	-0.54	-22.7%
NC_1065	360	4738	0.23	0.22	0.06	0.23	0.13	0.13	0.17	0.21	0.26	0.26	0.03	13.0%
NC_1066	10	4389	0.60	0.60	0.02	0.60	0.57	0.60	0.30	0.23	0.41	0.60	0.00	0.0%
NC_1067	10	4384	0.17	0.17	0.02	0.17	0.17	0.17	0.08	0.05	0.11	0.17	0.00	0.0%
NC_1068	10	4389	0.19	0.18	0.01	0.19	0.17	0.19	0.09	0.09	0.14	0.19	0.00	0.0%
NC_1069	10	4384	0.30	0.29	0.03	0.29	0.29	0.29	0.15	0.07	0.17	0.29	0.00	0.0%
NC_1070	10	4389	0.43	0.42	0.04	0.42	0.40	0.42	0.20	0.10	0.26	0.42	0.00	0.0%
NC_1071	10	4384	0.15	0.14	0.01	0.15	0.15	0.14	0.07	0.04	0.09	0.15	0.00	0.0%
NC_1072	10	4384	0.14	0.14	0.01	0.14	0.14	0.14	0.07	0.06	0.10	0.14	0.00	0.0%
NC_1073	10	4389	1.35	1.34	0.05	1.35	1.30	1.35	0.68	0.44	0.91	1.35	0.00	0.0%
NC_1074	15	4426	1.93	1.92	0.06	1.93	1.76	1.75	1.04	0.71	1.37	1.76	-0.17	-8.8%
NC_1075	10	4389	0.66	0.65	0.05	0.66	0.61	0.66	0.31	0.22	0.43	0.66	0.00	0.0%
NC_1076	360	4740	0.06	0.05	0.01	0.05	0.04	0.03	0.02	0.05	0.05	0.05	0.00	0.0%
NC_1077	360	4740	0.03	0.03	0.01	0.03	0.03	0.03	0.01	0.03	0.03	0.03	0.00	0.0%
NC_1078	10	4389	0.50	0.50	0.02	0.50	0.48	0.50	0.26	0.17	0.35	0.50	0.00	0.0%
NC_1079	20	4455	0.72	0.73	0.05	0.74	0.57	0.58	0.48	0.33	0.52	0.58	-0.16	-21.6%
NC_1080	10	4384	0.15	0.15	0.01	0.15	0.15	0.15	0.08	0.04	0.09	0.15	0.00	0.0%
NC_1081	360	4737	0.17	0.16	0.04	0.16	0.09	0.10	0.08	0.16	0.16	0.16	0.00	0.0%
NC_1082	20	4449	0.22	0.22	0.02	0.22	0.20	0.21	0.13	0.12	0.18	0.21	-0.01	-4.5%
NC_1083	10	4388	0.07	0.07	0.01	0.07	0.07	0.06	0.03	0.04	0.06	0.07	0.00	0.0%
NC_1084	360	4740	0.11	0.10	0.03	0.10	0.08	0.08	0.04	0.09	0.10	0.10	0.00	0.0%
NC_1085	360	4740	0.17	0.17	0.04	0.17	0.10	0.11	0.09	0.16	0.17	0.17	0.00	0.0%
NC_1086	10	4384	0.10	0.10	0.01	0.10	0.10	0.09	0.05	0.04	0.07	0.10	0.00	0.0%
NC_1087	20	4451	0.50	0.50	0.05	0.50	0.45	0.48	0.36	0.42	0.39	0.48	-0.02	-4.0%
NC_1088	10	4389	0.36	0.36	0.03	0.36	0.33	0.36	0.19	0.15	0.25	0.36	0.00	0.0%
NC_1089	20	4451	0.19	0.18	0.02	0.19	0.17	0.19	0.11	0.10	0.14	0.19	0.00	0.0%
NC_1090	10	4384	0.10	0.10	0.01	0.10	0.10	0.09	0.05	0.05	0.08	0.10	0.00	0.0%
NC_1091	10	4389	0.57	0.57	0.03	0.57	0.53	0.57	0.30	0.22	0.39	0.57	0.00	0.0%
NC_1092	540	4776	2.64	2.54	1.06	2.57	0.91	0.91	2.03	2.88	2.89	2.89	0.32	12.5%
NC_1093	45	4553	0.52	0.53	0.05	0.53	0.42	0.42	0.40	0.47	0.45	0.47	-0.06	-11.3%
NC_1094	20	4455	0.58	0.59	0.05	0.60	0.48	0.48	0.36	0.28	0.42	0.48	-0.12	-20.0%
NC_1095	10	4389	0.60	0.59	0.02	0.59	0.57	0.59	0.32	0.24	0.43	0.59	0.00	0.0%
NC_1096	360	4737	0.14	0.13	0.03	0.13	0.07	0.07	0.04	0.13	0.13	0.13	0.00	0.0%
NC_1097	360	4737	0.18	0.17	0.04	0.18	0.04	0.04	0.04	0.18	0.16	0.18	0.00	0.0%
NC_1098	10	4389	0.22	0.22	0.01	0.22	0.21	0.22	0.11	0.08	0.15	0.22	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_1099	20	4445	0.21	0.20	0.02	0.20	0.20	0.21	0.11	0.10	0.16	0.21	0.01	5.0%
NC_1100	540	4771	2.65	2.56	1.06	2.57	0.87	0.87	2.02	2.87	2.93	2.93	0.36	14.0%
NC_1101	45	4553	1.75	1.75	0.06	1.75	0.84	0.84	1.61	1.56	1.68	1.68	-0.07	-4.0%
NC_1102	540	4771	33.30	33.17	7.39	33.78	12.80	12.80	29.86	34.05	34.02	34.05	0.27	0.8%
NC_1103	20	4449	0.55	0.53	0.05	0.53	0.52	0.54	0.30	0.18	0.38	0.54	0.01	1.9%
NC_1104	10	4389	0.26	0.26	0.01	0.26	0.25	0.26	0.13	0.08	0.18	0.26	0.00	0.0%
NC_1105	720	4809	0.63	0.61	0.10	0.62	0.07	0.07	0.27	0.58	0.57	0.58	-0.04	-6.5%
NC_1106	540	4771	32.71	32.67	7.33	33.09	12.83	12.83	29.69	33.49	33.43	33.49	0.40	1.2%
NC_1107	45	4547	1.42	1.43	0.09	1.45	0.79	0.79	1.20	1.19	1.36	1.36	-0.09	-6.2%
NC_1108	10	4389	0.25	0.25	0.01	0.25	0.24	0.25	0.12	0.08	0.17	0.25	0.00	0.0%
NC_1109	20	4449	2.04	2.05	0.16	2.08	1.79	1.81	1.26	1.12	1.54	1.81	-0.27	-13.0%
NC_1110	45	4552	1.69	1.69	0.17	1.70	1.20	1.21	1.25	1.12	1.37	1.37	-0.33	-19.4%
NC_1111	10	4389	0.40	0.40	0.03	0.40	0.36	0.40	0.22	0.16	0.28	0.40	0.00	0.0%
NC_1112	540	4771	36.92	36.67	8.60	37.28	13.78	13.78	32.42	37.92	37.87	37.92	0.64	1.7%
NC_1113	540	4776	37.17	36.87	8.25	37.12	9.29	9.29	29.46	37.94	38.34	38.34	1.22	3.3%
NC_1114	540	4776	37.16	36.86	8.23	37.05	9.18	9.18	29.31	37.89	38.31	38.31	1.26	3.4%
NC_1115	10	4389	0.41	0.41	0.03	0.41	0.37	0.41	0.20	0.12	0.26	0.41	0.00	0.0%
NC_1116	10	4389	0.49	0.48	0.03	0.49	0.45	0.49	0.23	0.15	0.33	0.49	0.00	0.0%
NC_1117	20	4450	0.83	0.84	0.08	0.85	0.73	0.74	0.50	0.36	0.59	0.74	-0.11	-12.9%
NC_1118	10	4384	0.18	0.18	0.02	0.18	0.18	0.17	0.09	0.04	0.11	0.18	0.00	0.0%
NC_1119	20	4445	4.21	4.16	0.22	4.17	3.32	3.32	2.51	1.79	3.07	3.32	-0.85	-20.4%
NC_1120	20	4449	0.65	0.66	0.07	0.66	0.59	0.61	0.39	0.23	0.45	0.61	-0.05	-7.6%
NC_1121	45	4554	6.06	6.03	0.57	6.11	3.83	3.83	4.86	4.82	5.04	5.04	-1.07	-17.5%
NC_1122	10	4384	0.19	0.18	0.02	0.18	0.18	0.18	0.09	0.05	0.12	0.18	0.00	0.0%
NC_1123	10	4389	0.51	0.50	0.03	0.51	0.47	0.51	0.24	0.16	0.34	0.51	0.00	0.0%
NC_1124	45	4552	5.89	5.90	0.58	5.97	4.07	4.07	4.51	4.60	4.75	4.75	-1.22	-20.4%
NC_1125	45	4552	5.95	5.96	0.59	5.98	4.25	4.26	4.48	4.59	4.73	4.73	-1.25	-20.9%
NC_1126	10	4384	0.19	0.19	0.02	0.19	0.19	0.19	0.09	0.06	0.13	0.19	0.00	0.0%
NC_1127	10	4389	0.76	0.76	0.03	0.76	0.72	0.76	0.38	0.19	0.47	0.76	0.00	0.0%
NC_1128	10	4389	0.42	0.42	0.03	0.42	0.39	0.42	0.20	0.12	0.27	0.42	0.00	0.0%
NC_1129	10	4389	0.89	0.89	0.02	0.89	0.87	0.89	0.47	0.26	0.58	0.89	0.00	0.0%
NC_1130	15	4420	1.18	1.17	0.06	1.19	1.14	1.15	0.63	0.43	0.81	1.15	-0.04	-3.4%
NC_1131	360	4737	1.66	1.70	0.39	1.79	0.30	0.30	1.40	1.79	1.89	1.89	0.10	5.6%
NC_1132	10	4389	0.37	0.36	0.03	0.36	0.35	0.36	0.18	0.11	0.23	0.36	0.00	0.0%
NC_1133	20	4445	1.24	1.22	0.10	1.23	1.19	1.21	0.67	0.49	0.89	1.21	-0.02	-1.6%
NC_1134	10	4389	0.68	0.68	0.04	0.68	0.63	0.68	0.32	0.22	0.44	0.68	0.00	0.0%
NC_1135	10	4384	0.14	0.14	0.01	0.14	0.14	0.14	0.07	0.05	0.10	0.14	0.00	0.0%
NC_1136	360	4737	0.27	0.27	0.06	0.28	0.04	0.04	0.07	0.29	0.25	0.29	0.01	3.6%
NC_1137	45	4552	1.63	1.64	0.16	1.64	1.21	1.21	1.14	0.88	1.31	1.31	-0.33	-20.1%
NC_1138	10	4384	0.21	0.20	0.02	0.20	0.20	0.20	0.10	0.05	0.13	0.20	0.00	0.0%
NC_1139	10	4389	0.55	0.54	0.04	0.54	0.49	0.54	0.27	0.15	0.34	0.54	0.00	0.0%
NC_1140	10	4389	0.33	0.32	0.02	0.33	0.30	0.33	0.18	0.12	0.23	0.33	0.00	0.0%
NC_1141	45	4547	1.40	1.39	0.07	1.39	0.91	0.91	1.26	1.09	1.25	1.26	-0.13	-9.4%
NC_1142	45	4547	1.38	1.37	0.06	1.38	0.86	0.86	1.26	1.11	1.27	1.27	-0.11	-8.0%
NC_1143	10	4389	0.29	0.28	0.02	0.29	0.27	0.29	0.14	0.10	0.20	0.29	0.00	0.0%
NC_1144	45	4551	1.45	1.47	0.05	1.47	0.86	0.86	1.45	1.24	1.39	1.45	-0.02	-1.4%
NC_1145	60	4574	1.57	1.56	0.08	1.57	0.85	0.86	1.53	1.33	1.47	1.53	-0.04	-2.5%
NC_1146	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.06	0.14	0.22	0.00	0.0%
NC_1147	10	4389	0.22	0.22	0.01	0.22	0.21	0.22	0.11	0.07	0.15	0.22	0.00	0.0%
NC_1148	60	4574	1.72	1.68	0.11	1.69	0.91	0.91	1.65	1.46	1.59	1.65	-0.04	-2.4%
NC_1149	10	4389	0.29	0.28	0.02	0.29	0.27	0.29	0.14	0.09	0.19	0.29	0.00	0.0%
NC_1150	10	4384	0.19	0.19	0.02	0.19	0.19	0.19	0.09	0.06	0.12	0.19	0.00	0.0%
NC_1151	15	4420	0.44	0.44	0.03	0.45	0.41	0.42	0.24	0.19	0.33	0.42	-0.03	-6.7%
NC_1152	15	4420	0.52	0.52	0.03	0.53	0.48	0.49	0.29	0.22	0.38	0.49	-0.04	-7.5%
NC_1153	15	4420	0.53	0.53	0.03	0.54	0.48	0.49	0.30	0.23	0.40	0.49	-0.05	-9.3%
NC_1154	10	4389	0.59	0.57	0.05	0.58	0.56	0.58	0.28	0.17	0.38	0.58	0.00	0.0%
NC_1155	20	4450	0.87	0.89	0.09	0.90	0.77	0.78	0.54	0.36	0.62	0.78	-0.12	-13.3%
NC_1156	20	4445	0.94	0.94	0.07	0.94	0.85	0.85	0.51	0.33	0.66	0.85	-0.09	-9.6%
NC_1157	25	4487	0.94	0.96	0.07	0.97	0.72	0.72	0.65	0.48	0.73	0.73	-0.24	-24.7%
NC_1158	45	4547	1.66	1.65	0.16	1.66	1.14	1.14	1.21	0.97	1.41	1.41	-0.25	-15.1%
NC_1159	45	4547	1.65	1.64	0.16	1.65	1.12	1.12	1.22	1.00	1.43	1.43	-0.22	-13.3%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_1160	45	4547	1.63	1.62	0.15	1.63	1.06	1.06	1.24	1.07	1.48	1.48	-0.15	-9.2%
NC_1161	10	4389	0.56	0.55	0.05	0.56	0.52	0.56	0.29	0.48	0.40	0.56	0.00	0.0%
NC_1162	10	4384	0.19	0.19	0.02	0.19	0.19	0.19	0.09	0.08	0.13	0.19	0.00	0.0%
NC_1163	10	4389	0.28	0.27	0.03	0.28	0.26	0.28	0.13	0.09	0.19	0.28	0.00	0.0%
NC_1164	540	4770	0.36	0.34	0.16	0.39	0.24	0.26	0.15	0.39	0.33	0.39	0.00	0.0%
NC_1165	10	4384	0.14	0.14	0.01	0.14	0.14	0.14	0.07	0.05	0.10	0.14	0.00	0.0%
NC_1166	10	4389	0.44	0.42	0.04	0.43	0.41	0.43	0.21	0.10	0.26	0.43	0.00	0.0%
NC_1167	20	4449	0.75	0.75	0.08	0.76	0.68	0.71	0.47	0.63	0.55	0.71	-0.05	-6.6%
NC_1168	45	4547	2.07	2.06	0.08	2.08	1.03	1.03	1.87	1.97	2.15	2.15	0.07	3.4%
NC_1169	540	4770	0.40	0.40	0.15	0.41	0.05	0.05	0.11	0.41	0.37	0.41	0.00	0.0%
NC_1170	540	4770	0.23	0.23	0.09	0.24	0.08	0.08	0.09	0.24	0.21	0.24	0.00	0.0%
NC_1171	360	4740	0.06	0.05	0.01	0.06	0.00	0.00	0.01	0.05	0.06	0.06	0.00	0.0%
NC_1172	360	4737	0.10	0.10	0.02	0.10	0.02	0.02	0.02	0.10	0.09	0.10	0.00	0.0%
NC_1173	540	4770	0.61	0.60	0.22	0.62	0.24	0.24	0.28	0.61	0.56	0.61	-0.01	-1.6%
NC_1174	10	4389	0.24	0.23	0.02	0.24	0.23	0.24	0.12	0.08	0.16	0.24	0.00	0.0%
NC_1175	10	4384	0.20	0.19	0.02	0.19	0.19	0.19	0.10	0.05	0.12	0.19	0.00	0.0%
NC_1176	360	4737	0.25	0.24	0.05	0.25	0.05	0.05	0.07	0.25	0.23	0.25	0.00	0.0%
NC_1177	360	4737	2.00	2.01	0.52	2.07	0.98	0.98	1.86	2.07	2.21	2.21	0.14	6.8%
NC_1178	540	4770	0.64	0.63	0.22	0.65	0.17	0.17	0.29	0.64	0.59	0.64	-0.01	-1.5%
NC_1179	360	4740	0.06	0.05	0.01	0.05	0.03	0.03	0.02	0.05	0.05	0.05	0.00	0.0%
NC_1180	10	4384	0.18	0.18	0.02	0.18	0.18	0.18	0.09	0.05	0.12	0.18	0.00	0.0%
NC_1181	20	4449	0.34	0.34	0.03	0.35	0.30	0.31	0.20	0.16	0.26	0.31	-0.04	-11.4%
NC_1182	25	4487	0.38	0.39	0.03	0.39	0.28	0.28	0.27	0.28	0.37	0.37	-0.02	-5.1%
NC_1183	540	4770	0.33	0.31	0.15	0.35	0.16	0.16	0.14	0.35	0.29	0.35	0.00	0.0%
NC_1184	10	4389	0.17	0.17	0.00	0.17	0.16	0.17	0.09	0.07	0.13	0.17	0.00	0.0%
NC_1185	540	4770	0.24	0.23	0.11	0.26	0.06	0.06	0.06	0.26	0.21	0.26	0.00	0.0%
NC_1186	360	4740	0.06	0.05	0.02	0.05	0.06	0.05	0.03	0.05	0.05	0.06	0.01	20.0%
NC_1187	540	4770	0.68	0.67	0.24	0.69	0.16	0.16	0.29	0.67	0.63	0.67	-0.02	-2.9%
NC_1188	540	4770	0.48	0.45	0.21	0.51	0.17	0.19	0.20	0.51	0.42	0.51	0.00	0.0%
NC_1189	10	4384	0.16	0.16	0.02	0.16	0.16	0.15	0.08	0.05	0.11	0.16	0.00	0.0%
NC_1190	45	4554	1.75	1.73	0.17	1.74	1.08	1.08	1.36	1.15	1.50	1.50	-0.24	-13.8%
NC_1191	10	4389	0.45	0.43	0.04	0.44	0.42	0.44	0.22	0.11	0.26	0.44	0.00	0.0%
NC_1192	20	4445	0.85	0.83	0.07	0.84	0.82	0.84	0.47	0.38	0.64	0.84	0.00	0.0%
NC_1193	45	4554	1.16	1.15	0.11	1.17	0.77	0.77	0.84	0.68	0.95	0.95	-0.22	-18.8%
NC_1194	20	4455	6.00	5.95	0.28	5.95	4.66	4.66	3.93	2.76	4.52	4.66	-1.29	-21.7%
NC_1195	10	4389	0.60	0.59	0.03	0.60	0.56	0.60	0.29	0.18	0.39	0.60	0.00	0.0%
NC_1196	10	4389	0.47	0.47	0.03	0.47	0.43	0.47	0.23	0.14	0.31	0.47	0.00	0.0%
NC_1197	10	4389	0.27	0.26	0.02	0.26	0.26	0.26	0.13	0.06	0.15	0.26	0.00	0.0%
NC_1198	10	4389	0.35	0.34	0.03	0.34	0.33	0.34	0.17	0.08	0.20	0.34	0.00	0.0%
NC_1199	20	4455	3.42	3.43	0.23	3.50	2.87	2.89	2.13	1.47	2.45	2.89	-0.61	-17.4%
NC_1200	10	4389	0.35	0.34	0.03	0.34	0.33	0.34	0.17	0.08	0.20	0.34	0.00	0.0%
NC_1201	20	4455	2.82	2.83	0.20	2.89	2.43	2.44	1.73	1.24	2.04	2.44	-0.45	-15.6%
NC_1202	10	4389	0.43	0.41	0.04	0.42	0.40	0.42	0.20	0.10	0.25	0.42	0.00	0.0%
NC_1203	10	4389	0.57	0.56	0.04	0.57	0.52	0.57	0.30	0.20	0.38	0.57	0.00	0.0%
NC_1204	10	4389	0.63	0.62	0.02	0.63	0.60	0.63	0.31	0.19	0.42	0.63	0.00	0.0%
NC_1205	10	4389	0.50	0.49	0.04	0.50	0.45	0.50	0.24	0.13	0.31	0.50	0.00	0.0%
NC_1206	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.05	0.13	0.21	0.00	0.0%
NC_1207	10	4389	0.44	0.43	0.04	0.44	0.40	0.44	0.21	0.11	0.27	0.44	0.00	0.0%
NC_1208	10	4389	0.30	0.29	0.03	0.29	0.28	0.29	0.14	0.07	0.18	0.29	0.00	0.0%
NC_1209	10	4389	0.51	0.50	0.04	0.50	0.46	0.50	0.24	0.15	0.32	0.50	0.00	0.0%
NC_1210	10	4389	0.28	0.27	0.02	0.28	0.25	0.28	0.15	0.14	0.20	0.28	0.00	0.0%
NC_1211	10	4389	0.94	0.93	0.05	0.94	0.88	0.94	0.45	0.28	0.60	0.94	0.00	0.0%
NC_1212	10	4389	0.59	0.58	0.03	0.59	0.55	0.59	0.28	0.15	0.37	0.59	0.00	0.0%
NC_1213	10	4384	0.14	0.13	0.01	0.14	0.14	0.13	0.07	0.05	0.10	0.14	0.00	0.0%
NC_1214	10	4384	0.18	0.17	0.02	0.18	0.18	0.17	0.09	0.05	0.11	0.18	0.00	0.0%
NC_1215	20	4455	3.93	3.94	0.25	4.01	3.19	3.20	2.47	1.71	2.83	3.20	-0.81	-20.2%
NC_1216	20	4449	1.08	1.08	0.08	1.09	0.98	0.99	0.60	0.45	0.77	0.99	-0.10	-9.2%
NC_1217	10	4384	0.21	0.20	0.02	0.20	0.20	0.20	0.10	0.05	0.13	0.20	0.00	0.0%
NC_1218	10	4389	0.35	0.34	0.03	0.34	0.31	0.34	0.19	0.13	0.24	0.34	0.00	0.0%
NC_1219	25	4490	0.92	0.95	0.06	0.96	0.69	0.69	0.63	0.53	0.75	0.75	-0.21	-21.9%
NC_1220	10	4389	0.95	0.94	0.06	0.95	0.87	0.95	0.47	0.25	0.59	0.95	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_1221	10	4384	0.24	0.23	0.02	0.23	0.23	0.23	0.11	0.05	0.14	0.23	0.00	0.0%
NC_1222	10	4389	0.72	0.71	0.02	0.71	0.69	0.71	0.36	0.23	0.51	0.71	0.00	0.0%
NC_1223	10	4389	0.43	0.43	0.04	0.43	0.40	0.43	0.21	0.10	0.26	0.43	0.00	0.0%
NC_1224	10	4389	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.08	0.15	0.21	0.00	0.0%
NC_1225	20	4449	0.55	0.53	0.05	0.53	0.51	0.54	0.31	0.25	0.42	0.54	0.01	1.9%
NC_1226	20	4450	0.36	0.37	0.04	0.37	0.32	0.34	0.24	0.23	0.29	0.34	-0.03	-8.1%
NC_1227	45	4547	6.48	6.48	0.61	6.56	4.66	4.68	4.51	3.21	5.05	5.05	-1.51	-23.0%
NC_1228	45	4547	7.27	7.21	0.68	7.32	4.95	4.95	5.22	3.68	5.70	5.70	-1.62	-22.1%
NC_1229	20	4449	1.11	1.11	0.10	1.14	0.97	0.97	0.64	0.38	0.75	0.97	-0.17	-14.9%
NC_1230	10	4389	0.49	0.48	0.04	0.49	0.45	0.49	0.23	0.12	0.30	0.49	0.00	0.0%
NC_1231	10	4389	0.75	0.74	0.04	0.74	0.70	0.74	0.36	0.21	0.47	0.74	0.00	0.0%
NC_1232	360	4732	0.11	0.10	0.03	0.10	0.10	0.10	0.05	0.10	0.10	0.10	0.00	0.0%
NC_1233	20	4449	0.73	0.73	0.06	0.74	0.66	0.66	0.41	0.50	0.61	0.66	-0.08	-10.8%
NC_1234	360	4740	0.47	0.43	0.11	0.45	0.45	0.46	0.25	0.40	0.45	0.46	0.01	2.2%
NC_1235	20	4449	0.40	0.41	0.04	0.41	0.36	0.37	0.26	0.39	0.34	0.39	-0.02	-4.9%
NC_1236	10	4384	0.13	0.12	0.01	0.13	0.13	0.12	0.06	0.05	0.09	0.13	0.00	0.0%
NC_1237	20	4450	0.64	0.64	0.07	0.65	0.55	0.59	0.46	0.54	0.50	0.59	-0.06	-9.2%
NC_1238	10	4389	0.22	0.22	0.02	0.22	0.20	0.22	0.11	0.09	0.17	0.22	0.00	0.0%
NC_1239	20	4451	0.87	0.87	0.09	0.87	0.79	0.84	0.59	0.65	0.67	0.84	-0.03	-3.4%
NC_1240	20	4449	1.01	1.00	0.09	1.02	0.94	0.97	0.68	0.71	0.76	0.97	-0.05	-4.9%
NC_1241	10	4389	0.31	0.30	0.03	0.30	0.28	0.30	0.14	0.09	0.20	0.30	0.00	0.0%
NC_1242	10	4389	0.39	0.39	0.02	0.39	0.36	0.39	0.18	0.12	0.27	0.39	0.00	0.0%
NC_1243	10	4389	0.36	0.35	0.03	0.35	0.33	0.35	0.17	0.10	0.23	0.35	0.00	0.0%
NC_1244	10	4389	0.76	0.75	0.04	0.76	0.71	0.76	0.36	0.23	0.52	0.76	0.00	0.0%
NC_1245	10	4389	0.33	0.32	0.03	0.32	0.31	0.32	0.15	0.09	0.21	0.32	0.00	0.0%
NC_1246	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.06	0.15	0.24	0.00	0.0%
NC_1247	10	4389	0.38	0.37	0.03	0.37	0.35	0.37	0.18	0.09	0.23	0.37	0.00	0.0%
NC_1248	10	4389	0.51	0.50	0.04	0.51	0.46	0.51	0.24	0.14	0.32	0.51	0.00	0.0%
NC_1249	360	4740	0.11	0.10	0.03	0.10	0.03	0.04	0.03	0.10	0.10	0.10	0.00	0.0%
NC_1250	15	4420	0.70	0.71	0.03	0.72	0.65	0.66	0.39	0.49	0.59	0.66	-0.06	-8.3%
NC_1251	360	4740	0.05	0.05	0.01	0.05	0.04	0.04	0.02	0.04	0.05	0.05	0.00	0.0%
NC_1252	10	4389	0.30	0.30	0.01	0.30	0.29	0.30	0.15	0.22	0.26	0.30	0.00	0.0%
NC_1253	360	4740	0.17	0.16	0.04	0.16	0.11	0.12	0.06	0.15	0.16	0.16	0.00	0.0%
NC_1254	360	4732	0.06	0.05	0.01	0.05	0.02	0.02	0.01	0.05	0.05	0.05	0.00	0.0%
NC_1255	360	4740	0.39	0.36	0.09	0.38	0.26	0.26	0.16	0.34	0.38	0.38	0.00	0.0%
NC_1256	360	4740	0.52	0.50	0.11	0.51	0.36	0.39	0.28	0.49	0.51	0.51	0.00	0.0%
NC_1257	360	4740	0.54	0.52	0.12	0.52	0.38	0.40	0.30	0.51	0.52	0.52	0.00	0.0%
NC_1258	10	4391	0.09	0.08	0.01	0.09	0.09	0.08	0.04	0.05	0.07	0.09	0.00	0.0%
NC_1259	360	4740	1.41	1.35	0.31	1.38	1.16	1.18	0.84	1.32	1.38	1.38	0.00	0.0%
NC_1260	10	4384	0.11	0.11	0.01	0.11	0.11	0.11	0.06	0.07	0.09	0.11	0.00	0.0%
NC_1261	540	4770	39.51	39.16	8.30	39.75	8.93	8.93	29.11	39.36	40.08	40.08	0.33	0.8%
NC_1262	360	4737	0.10	0.09	0.02	0.10	0.01	0.01	0.01	0.10	0.09	0.10	0.00	0.0%
NC_1263	10	4389	0.64	0.62	0.06	0.63	0.58	0.63	0.31	0.22	0.36	0.63	0.00	0.0%
NC_1264	360	4740	0.22	0.21	0.05	0.21	0.16	0.17	0.09	0.20	0.21	0.21	0.00	0.0%
NC_1265	10	4389	0.32	0.31	0.01	0.31	0.30	0.31	0.16	0.27	0.30	0.31	0.00	0.0%
NC_1266	360	4740	0.59	0.55	0.13	0.57	0.45	0.46	0.28	0.53	0.57	0.57	0.00	0.0%
NC_1267	10	4391	0.08	0.08	0.01	0.08	0.08	0.08	0.04	0.05	0.07	0.08	0.00	0.0%
NC_1268	10	4384	0.13	0.12	0.01	0.13	0.13	0.12	0.06	0.05	0.09	0.13	0.00	0.0%
NC_1269	360	4740	0.62	0.59	0.14	0.60	0.44	0.44	0.32	0.57	0.60	0.60	0.00	0.0%
NC_1270	10	4389	0.25	0.24	0.02	0.25	0.23	0.25	0.12	0.11	0.18	0.25	0.00	0.0%
NC_1271	360	4740	0.63	0.61	0.14	0.62	0.52	0.54	0.37	0.60	0.62	0.62	0.00	0.0%
NC_1272	360	4740	0.02	0.02	0.01	0.02	0.00	0.00	0.00	0.02	0.02	0.02	0.00	0.0%
NC_1273	540	4770	1.23	1.19	0.47	1.26	0.23	0.23	0.48	1.25	1.11	1.25	-0.01	-0.8%
NC_1274	15	4420	0.51	0.51	0.03	0.52	0.47	0.48	0.28	0.21	0.37	0.48	-0.04	-7.7%
NC_1275	45	4547	0.80	0.80	0.08	0.80	0.53	0.53	0.59	0.47	0.68	0.68	-0.12	-15.0%
NC_1276	10	4389	0.39	0.38	0.03	0.38	0.35	0.38	0.18	0.11	0.24	0.38	0.00	0.0%
NC_1277	360	4740	0.18	0.17	0.05	0.18	0.17	0.18	0.09	0.15	0.18	0.18	0.00	0.0%
NC_1278	10	4389	3.05	3.03	0.08	3.04	2.97	3.04	1.59	0.79	1.95	3.04	0.00	0.0%
NC_1279	20	4455	4.36	4.36	0.32	4.36	3.86	3.88	2.43	1.29	2.88	3.88	-0.48	-11.0%
NC_1280	10	4389	0.75	0.74	0.05	0.74	0.68	0.74	0.36	0.16	0.43	0.74	0.00	0.0%
NC_1281	10	4389	0.31	0.30	0.03	0.30	0.29	0.30	0.15	0.06	0.17	0.30	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_1282	10	4384	0.20	0.20	0.02	0.20	0.20	0.20	0.10	0.05	0.12	0.20	0.00	0.0%
NC_1283	10	4389	3.01	2.97	0.11	2.98	2.90	2.98	1.51	0.75	1.89	2.98	0.00	0.0%
NC_1284	10	4389	0.51	0.50	0.04	0.50	0.46	0.50	0.24	0.11	0.29	0.50	0.00	0.0%
NC_1285	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.06	0.15	0.24	0.00	0.0%
NC_1286	10	4384	0.21	0.20	0.02	0.20	0.20	0.20	0.10	0.05	0.12	0.20	0.00	0.0%
NC_1287	10	4384	0.18	0.17	0.02	0.18	0.18	0.17	0.09	0.05	0.11	0.18	0.00	0.0%
NC_1288	10	4389	0.65	0.64	0.05	0.64	0.58	0.64	0.32	0.15	0.38	0.64	0.00	0.0%
NC_1289	10	4384	0.18	0.18	0.02	0.18	0.18	0.18	0.09	0.05	0.11	0.18	0.00	0.0%
NC_1290	10	4389	0.33	0.32	0.03	0.32	0.30	0.32	0.16	0.10	0.21	0.32	0.00	0.0%
NC_1291	10	4384	0.21	0.20	0.02	0.20	0.20	0.20	0.10	0.06	0.13	0.20	0.00	0.0%
NC_1292	10	4389	0.20	0.19	0.02	0.19	0.19	0.19	0.09	0.07	0.14	0.19	0.00	0.0%
NC_1293	10	4389	0.33	0.32	0.03	0.32	0.29	0.32	0.16	0.11	0.21	0.32	0.00	0.0%
NC_1294	10	4389	0.44	0.44	0.02	0.44	0.42	0.44	0.22	0.18	0.31	0.44	0.00	0.0%
NC_1295	10	4384	0.16	0.15	0.02	0.15	0.15	0.15	0.08	0.05	0.10	0.15	0.00	0.0%
NC_1296	10	4389	1.21	1.20	0.03	1.21	1.17	1.21	0.60	0.42	0.83	1.21	0.00	0.0%
NC_1297	45	4552	1.23	1.24	0.12	1.24	0.89	0.89	0.86	0.79	1.08	1.08	-0.16	-12.9%
NC_1298	10	4384	0.21	0.20	0.02	0.21	0.21	0.20	0.10	0.05	0.12	0.21	0.00	0.0%
NC_1299	10	4384	0.18	0.18	0.02	0.18	0.18	0.18	0.09	0.05	0.11	0.18	0.00	0.0%
NC_1300	10	4384	0.20	0.19	0.02	0.19	0.19	0.19	0.10	0.05	0.12	0.19	0.00	0.0%
NC_1301	45	4547	5.72	5.70	0.13	5.72	3.26	3.26	5.62	5.40	5.54	5.62	-0.10	-1.7%
NC_1302	10	4384	0.21	0.21	0.02	0.21	0.21	0.20	0.10	0.05	0.13	0.21	0.00	0.0%
NC_1303	10	4389	0.22	0.22	0.01	0.22	0.21	0.22	0.11	0.09	0.16	0.22	0.00	0.0%
NC_1304	20	4455	1.18	1.18	0.06	1.19	0.92	0.92	0.79	0.69	0.96	0.96	-0.23	-19.3%
NC_1305	10	4384	0.20	0.20	0.02	0.20	0.20	0.20	0.10	0.05	0.12	0.20	0.00	0.0%
NC_1306	10	4389	0.36	0.35	0.03	0.36	0.33	0.36	0.17	0.09	0.22	0.36	0.00	0.0%
NC_1307	10	4389	0.53	0.53	0.03	0.53	0.49	0.53	0.26	0.15	0.35	0.53	0.00	0.0%
NC_1308	10	4384	0.19	0.19	0.02	0.19	0.19	0.19	0.09	0.05	0.12	0.19	0.00	0.0%
NC_1309	10	4389	0.34	0.33	0.03	0.33	0.31	0.33	0.16	0.08	0.21	0.33	0.00	0.0%
NC_1310	15	4420	1.57	1.56	0.07	1.58	1.52	1.54	0.83	0.57	1.13	1.54	-0.04	-2.5%
NC_1311	10	4389	1.18	1.17	0.03	1.17	1.14	1.17	0.60	0.42	0.85	1.17	0.00	0.0%
NC_1312	10	4389	0.35	0.35	0.03	0.35	0.32	0.35	0.19	0.11	0.24	0.35	0.00	0.0%
NC_1313	10	4389	0.45	0.44	0.04	0.45	0.40	0.45	0.22	0.13	0.29	0.45	0.00	0.0%
NC_1314	10	4384	0.20	0.19	0.02	0.19	0.19	0.19	0.10	0.05	0.12	0.19	0.00	0.0%
NC_1315	10	4384	0.20	0.19	0.02	0.19	0.19	0.19	0.09	0.05	0.12	0.19	0.00	0.0%
NC_1316	10	4384	0.19	0.19	0.02	0.19	0.19	0.19	0.09	0.05	0.12	0.19	0.00	0.0%
NC_1317	10	4389	0.67	0.67	0.04	0.67	0.62	0.67	0.32	0.22	0.45	0.67	0.00	0.0%
NC_1318	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.06	0.14	0.22	0.00	0.0%
NC_1319	60	4579	2.01	2.01	0.04	2.02	1.00	1.00	2.00	1.62	1.88	2.00	-0.02	-1.0%
NC_1320	10	4389	0.41	0.40	0.03	0.41	0.37	0.41	0.19	0.11	0.25	0.41	0.00	0.0%
NC_1321	45	4554	1.55	1.54	0.15	1.55	1.05	1.05	1.16	0.90	1.24	1.24	-0.31	-20.0%
NC_1322	45	4547	1.54	1.52	0.14	1.53	1.01	1.01	1.18	0.92	1.24	1.24	-0.29	-19.0%
NC_1323	10	4384	0.08	0.08	0.01	0.09	0.09	0.08	0.04	0.03	0.06	0.09	0.00	0.0%
NC_1324	45	4554	4.32	4.32	0.33	4.35	2.47	2.47	3.74	3.43	3.71	3.74	-0.61	-14.0%
NC_1325	20	4449	1.24	1.24	0.11	1.26	1.13	1.16	0.84	0.88	0.97	1.16	-0.10	-7.9%
NC_1326	10	4384	0.08	0.08	0.01	0.09	0.09	0.08	0.04	0.04	0.06	0.09	0.00	0.0%
NC_1327	45	4553	1.20	1.23	0.12	1.24	0.79	0.80	0.97	0.99	1.03	1.03	-0.21	-16.9%
NC_1328	10	4389	0.26	0.25	0.01	0.25	0.24	0.25	0.13	0.08	0.18	0.25	0.00	0.0%
NC_1329	10	4384	0.17	0.17	0.02	0.17	0.17	0.16	0.08	0.06	0.11	0.17	0.00	0.0%
NC_1330	20	4449	0.44	0.44	0.04	0.45	0.36	0.37	0.31	0.38	0.43	0.43	-0.02	-4.4%
NC_1331	360	4740	0.11	0.11	0.03	0.11	0.11	0.11	0.06	0.10	0.11	0.11	0.00	0.0%
NC_1332	10	4384	0.12	0.12	0.01	0.12	0.12	0.12	0.06	0.06	0.09	0.12	0.00	0.0%
NC_1333	25	4489	0.94	0.91	0.09	0.91	0.79	0.82	0.68	0.73	0.75	0.82	-0.09	-9.9%
NC_1334	360	4737	0.50	0.50	0.11	0.50	0.39	0.39	0.33	0.50	0.49	0.50	0.00	0.0%
NC_1335	10	4389	1.28	1.27	0.05	1.28	1.22	1.28	0.69	0.61	0.86	1.28	0.00	0.0%
NC_1336	15	4420	0.98	0.97	0.05	0.99	0.95	0.95	0.53	0.42	0.71	0.95	-0.04	-4.0%
NC_1337	20	4449	1.94	1.92	0.17	1.97	1.77	1.80	1.11	0.96	1.38	1.80	-0.17	-8.6%
NC_1338	10	4389	0.45	0.45	0.04	0.45	0.41	0.45	0.22	0.15	0.29	0.45	0.00	0.0%
NC_1339	360	4737	0.12	0.12	0.03	0.12	0.07	0.07	0.04	0.12	0.11	0.12	0.00	0.0%
NC_1340	10	4384	0.15	0.14	0.01	0.15	0.15	0.14	0.07	0.05	0.10	0.15	0.00	0.0%
NC_1341	10	4389	0.32	0.31	0.03	0.31	0.29	0.31	0.17	0.15	0.21	0.31	0.00	0.0%
NC_1342	10	4389	0.12	0.11	0.01	0.12	0.11	0.12	0.06	0.08	0.09	0.12	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_1343	10	4389	0.65	0.65	0.04	0.65	0.60	0.65	0.33	0.30	0.43	0.65	0.00	0.0%
NC_1344	10	4384	0.16	0.15	0.02	0.16	0.16	0.15	0.08	0.08	0.12	0.16	0.00	0.0%
NC_1345	360	4740	0.05	0.05	0.02	0.05	0.06	0.05	0.03	0.04	0.05	0.06	0.01	20.0%
NC_1346	10	4384	0.11	0.11	0.01	0.11	0.11	0.10	0.05	0.05	0.08	0.11	0.00	0.0%
NC_1347	10	4389	0.58	0.56	0.05	0.57	0.53	0.57	0.27	0.28	0.40	0.57	0.00	0.0%
NC_1348	10	4384	0.17	0.16	0.02	0.17	0.17	0.16	0.08	0.05	0.11	0.17	0.00	0.0%
NC_1349	10	4389	0.49	0.48	0.04	0.49	0.44	0.49	0.24	0.15	0.32	0.49	0.00	0.0%
NC_1350	15	4420	2.19	2.17	0.10	2.20	2.09	2.13	1.14	0.94	1.57	2.13	-0.07	-3.2%
NC_1351	10	4389	0.34	0.33	0.03	0.34	0.31	0.34	0.16	0.10	0.22	0.34	0.00	0.0%
NC_1352	10	4384	0.21	0.21	0.02	0.21	0.21	0.21	0.10	0.06	0.13	0.21	0.00	0.0%
NC_1353	10	4384	0.17	0.17	0.02	0.17	0.17	0.16	0.08	0.05	0.11	0.17	0.00	0.0%
NC_1354	10	4389	0.49	0.48	0.04	0.48	0.44	0.48	0.23	0.16	0.32	0.48	0.00	0.0%
NC_1355	10	4389	0.33	0.32	0.03	0.32	0.29	0.32	0.16	0.10	0.21	0.32	0.00	0.0%
NC_1356	15	4420	2.26	2.24	0.07	2.26	2.09	2.11	1.21	1.01	1.65	2.11	-0.15	-6.6%
NC_1357	10	4384	0.13	0.12	0.01	0.13	0.13	0.12	0.06	0.03	0.08	0.13	0.00	0.0%
NC_1358	10	4389	0.62	0.62	0.02	0.62	0.59	0.62	0.31	0.23	0.43	0.62	0.00	0.0%
NC_1359	10	4384	0.20	0.19	0.02	0.19	0.19	0.19	0.10	0.05	0.12	0.19	0.00	0.0%
NC_1360	10	4389	0.35	0.34	0.03	0.34	0.32	0.34	0.16	0.10	0.23	0.34	0.00	0.0%
NC_1361	540	4770	0.84	0.81	0.26	0.85	0.14	0.14	0.61	0.89	0.85	0.89	0.04	4.7%
NC_1362	10	4389	0.74	0.74	0.02	0.74	0.71	0.74	0.37	0.27	0.50	0.74	0.00	0.0%
NC_1363	10	4389	0.64	0.63	0.04	0.64	0.59	0.64	0.31	0.21	0.42	0.64	0.00	0.0%
NC_1364	10	4389	0.29	0.29	0.02	0.29	0.27	0.29	0.14	0.08	0.19	0.29	0.00	0.0%
NC_1365	15	4420	1.61	1.60	0.07	1.62	1.55	1.57	0.85	0.60	1.15	1.57	-0.05	-3.1%
NC_1366	10	4389	1.02	1.01	0.03	1.02	0.98	1.02	0.51	0.36	0.73	1.02	0.00	0.0%
NC_1367	10	4389	0.52	0.51	0.03	0.52	0.48	0.52	0.25	0.17	0.35	0.52	0.00	0.0%
NC_1368	20	4451	0.61	0.59	0.06	0.59	0.56	0.60	0.37	0.42	0.47	0.60	0.01	1.7%
NC_1369	10	4384	0.18	0.18	0.02	0.18	0.18	0.18	0.09	0.05	0.11	0.18	0.00	0.0%
NC_1370	10	4389	0.37	0.37	0.03	0.37	0.33	0.37	0.18	0.12	0.24	0.37	0.00	0.0%
NC_1371	1080	4846	4.69	4.66	1.74	5.55	1.75	1.76	2.02	3.70	3.37	3.70	-1.85	-33.3%
NC_1372	10	4389	0.39	0.38	0.03	0.39	0.36	0.39	0.19	0.12	0.26	0.39	0.00	0.0%
NC_1373	1440	4877	3.59	3.99	1.26	4.10	0.81	0.81	0.95	2.74	2.65	2.74	-1.36	-33.2%
NC_1374	10	4384	0.12	0.12	0.01	0.12	0.12	0.11	0.06	0.03	0.07	0.12	0.00	0.0%
NC_1375	10	4389	0.21	0.20	0.02	0.21	0.20	0.21	0.10	0.07	0.14	0.21	0.00	0.0%
NC_1376	10	4389	0.45	0.45	0.03	0.45	0.41	0.45	0.21	0.14	0.29	0.45	0.00	0.0%
NC_1377	360	4740	0.08	0.08	0.02	0.08	0.08	0.07	0.04	0.07	0.08	0.08	0.00	0.0%
NC_1378	10	4384	0.10	0.10	0.01	0.10	0.10	0.10	0.05	0.05	0.08	0.10	0.00	0.0%
NC_1379	20	4445	0.54	0.53	0.05	0.53	0.52	0.53	0.30	0.32	0.38	0.53	0.00	0.0%
NC_1380	10	4389	0.80	0.79	0.03	0.80	0.76	0.80	0.39	0.27	0.52	0.80	0.00	0.0%
NC_1381	10	4384	0.11	0.11	0.01	0.11	0.11	0.10	0.05	0.05	0.08	0.11	0.00	0.0%
NC_1382	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.07	0.16	0.24	0.00	0.0%
NC_1383	10	4389	0.40	0.39	0.02	0.39	0.37	0.39	0.21	0.17	0.28	0.39	0.00	0.0%
NC_1384	10	4389	0.32	0.32	0.03	0.32	0.30	0.32	0.15	0.10	0.21	0.32	0.00	0.0%
NC_1385	10	4384	0.23	0.23	0.02	0.23	0.23	0.23	0.11	0.05	0.14	0.23	0.00	0.0%
NC_1386	540	4776	2.98	2.91	1.19	3.07	1.33	1.33	2.13	3.08	2.75	3.08	0.01	0.3%
NC_1387	20	4451	0.45	0.44	0.05	0.45	0.41	0.44	0.27	0.21	0.31	0.44	-0.01	-2.2%
NC_1388	25	4487	0.36	0.35	0.03	0.35	0.29	0.29	0.27	0.32	0.33	0.33	-0.02	-5.7%
NC_1389	10	4384	0.14	0.14	0.01	0.14	0.14	0.14	0.07	0.05	0.10	0.14	0.00	0.0%
NC_1390	10	4389	0.63	0.62	0.05	0.62	0.57	0.62	0.30	0.19	0.40	0.62	0.00	0.0%
NC_1391	10	4384	0.20	0.19	0.02	0.19	0.19	0.19	0.10	0.06	0.12	0.19	0.00	0.0%
NC_1392	10	4389	0.29	0.29	0.03	0.29	0.27	0.29	0.14	0.09	0.20	0.29	0.00	0.0%
NC_1393	540	4776	4.23	4.11	1.64	4.36	2.13	2.13	3.54	4.36	3.91	4.36	0.00	0.0%
NC_1394	45	4547	1.37	1.36	0.12	1.36	0.87	0.87	1.10	1.10	1.20	1.20	-0.16	-11.8%
NC_1395	45	4552	1.38	1.38	0.14	1.40	0.95	0.95	1.06	1.09	1.18	1.18	-0.22	-15.7%
NC_1396	20	4451	0.25	0.25	0.03	0.25	0.23	0.24	0.15	0.18	0.21	0.24	-0.01	-4.0%
NC_1397	10	4384	0.23	0.23	0.02	0.23	0.23	0.23	0.11	0.06	0.14	0.23	0.00	0.0%
NC_1398	15	4420	0.47	0.48	0.03	0.49	0.43	0.45	0.27	0.17	0.33	0.45	-0.04	-8.2%
NC_1399	10	4384	0.20	0.20	0.02	0.20	0.20	0.19	0.10	0.05	0.12	0.20	0.00	0.0%
NC_1400	10	4384	0.17	0.17	0.02	0.17	0.17	0.17	0.08	0.05	0.11	0.17	0.00	0.0%
NC_1401	10	4389	0.29	0.29	0.01	0.29	0.27	0.29	0.14	0.08	0.19	0.29	0.00	0.0%
NC_1402	10	4386	0.02	0.02	0.00	0.02	0.02	0.01	0.01	0.00	0.01	0.02	0.00	0.0%
NC_1403	10	4389	0.25	0.25	0.02	0.25	0.22	0.25	0.14	0.10	0.16	0.25	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_1404	10	4389	0.46	0.45	0.03	0.46	0.42	0.46	0.23	0.15	0.31	0.46	0.00	0.0%
NC_1405	25	4489	0.49	0.48	0.04	0.49	0.34	0.36	0.37	0.23	0.33	0.37	-0.12	-24.5%
NC_1406	10	4380	0.02	0.02	0.00	0.02	0.02	0.01	0.01	0.00	0.01	0.02	0.00	0.0%
NC_1407	10	4384	0.04	0.04	0.00	0.04	0.04	0.04	0.02	0.02	0.03	0.04	0.00	0.0%
NC_1408	10	4389	0.45	0.44	0.03	0.45	0.40	0.45	0.21	0.14	0.29	0.45	0.00	0.0%
NC_1409	10	4384	0.24	0.24	0.02	0.24	0.24	0.24	0.12	0.07	0.15	0.24	0.00	0.0%
NC_1410	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.05	0.13	0.21	0.00	0.0%
NC_1411	10	4389	0.45	0.44	0.04	0.44	0.42	0.44	0.22	0.11	0.27	0.44	0.00	0.0%
NC_1412	15	4426	0.40	0.41	0.01	0.41	0.37	0.37	0.23	0.16	0.30	0.37	-0.04	-9.8%
NC_1413	10	4384	0.09	0.09	0.01	0.09	0.09	0.09	0.05	0.02	0.06	0.09	0.00	0.0%
NC_1414	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.05	0.14	0.24	0.00	0.0%
NC_1415	20	4450	1.09	1.11	0.08	1.12	0.89	0.89	0.69	0.42	0.78	0.89	-0.23	-20.5%
NC_1416	10	4389	0.55	0.54	0.02	0.55	0.52	0.55	0.28	0.18	0.38	0.55	0.00	0.0%
NC_1417	15	4420	0.78	0.78	0.04	0.79	0.69	0.70	0.47	0.29	0.57	0.70	-0.09	-11.4%
NC_1418	10	4389	0.26	0.26	0.02	0.26	0.26	0.26	0.13	0.05	0.15	0.26	0.00	0.0%
NC_1419	25	4487	1.07	1.10	0.06	1.10	0.77	0.77	0.75	0.46	0.78	0.78	-0.32	-29.1%
NC_1420	20	4449	2.14	2.15	0.14	2.19	1.72	1.73	1.46	0.89	1.53	1.73	-0.46	-21.0%
NC_1421	540	4771	7.88	7.61	2.56	7.66	3.56	3.56	7.70	8.13	8.25	8.25	0.59	7.7%
NC_1422	10	4389	0.56	0.55	0.04	0.56	0.51	0.56	0.27	0.11	0.30	0.56	0.00	0.0%
NC_1423	10	4389	1.51	1.50	0.06	1.50	1.43	1.50	0.75	0.42	0.95	1.50	0.00	0.0%
NC_1424	10	4384	0.08	0.08	0.01	0.08	0.08	0.08	0.04	0.04	0.07	0.08	0.00	0.0%
NC_1425	540	4776	5.51	5.39	2.03	5.46	2.32	2.32	4.73	5.76	5.54	5.76	0.30	5.5%
NC_1426	10	4389	0.52	0.51	0.04	0.51	0.47	0.51	0.25	0.17	0.33	0.51	0.00	0.0%
NC_1427	10	4389	1.19	1.18	0.04	1.19	1.14	1.19	0.59	0.30	0.76	1.19	0.00	0.0%
NC_1428	10	4389	0.68	0.67	0.05	0.67	0.62	0.67	0.32	0.14	0.37	0.67	0.00	0.0%
NC_1429	10	4389	0.52	0.50	0.05	0.51	0.48	0.51	0.25	0.10	0.28	0.51	0.00	0.0%
NC_1430	10	4389	0.52	0.51	0.05	0.51	0.48	0.51	0.25	0.11	0.30	0.51	0.00	0.0%
NC_1431	10	4389	0.62	0.60	0.05	0.61	0.56	0.61	0.29	0.13	0.35	0.61	0.00	0.0%
NC_1432	10	4389	0.82	0.81	0.05	0.81	0.76	0.81	0.40	0.21	0.52	0.81	0.00	0.0%
NC_1433	15	4420	2.78	2.76	0.11	2.79	2.64	2.65	1.50	0.80	1.83	2.65	-0.14	-5.0%
NC_1434	20	4449	4.27	4.27	0.33	4.32	3.86	3.90	2.34	1.42	2.87	3.90	-0.42	-9.7%
NC_1435	15	4420	0.83	0.84	0.04	0.85	0.74	0.75	0.48	0.31	0.59	0.75	-0.10	-11.8%
NC_1436	10	4384	0.19	0.18	0.02	0.19	0.19	0.18	0.09	0.07	0.13	0.19	0.00	0.0%
NC_1437	10	4384	0.22	0.22	0.02	0.22	0.22	0.22	0.11	0.05	0.13	0.22	0.00	0.0%
NC_1438	10	4389	0.53	0.51	0.05	0.52	0.49	0.52	0.26	0.12	0.31	0.52	0.00	0.0%
NC_1439	360	4740	0.05	0.05	0.01	0.05	0.04	0.03	0.02	0.04	0.05	0.05	0.00	0.0%
NC_1440	10	4389	0.69	0.68	0.04	0.69	0.64	0.69	0.34	0.18	0.44	0.69	0.00	0.0%
NC_1441	10	4384	0.22	0.22	0.02	0.22	0.22	0.22	0.11	0.05	0.13	0.22	0.00	0.0%
NC_1442	10	4389	0.38	0.37	0.03	0.38	0.35	0.38	0.18	0.10	0.24	0.38	0.00	0.0%
NC_1443	20	4455	3.37	3.37	0.25	3.40	2.95	2.97	1.88	1.32	2.43	2.97	-0.43	-12.6%
NC_1444	10	4384	0.21	0.21	0.02	0.21	0.21	0.21	0.10	0.05	0.12	0.21	0.00	0.0%
NC_1445	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.05	0.13	0.22	0.00	0.0%
NC_1446	20	4455	1.61	1.61	0.12	1.62	1.43	1.43	0.89	0.68	1.11	1.43	-0.19	-11.7%
NC_1447	10	4384	0.20	0.20	0.02	0.20	0.20	0.20	0.10	0.05	0.12	0.20	0.00	0.0%
NC_1448	60	4579	6.42	6.43	0.36	6.43	3.33	3.33	6.42	6.26	6.53	6.53	0.10	1.6%
NC_1449	10	4389	0.63	0.62	0.05	0.62	0.56	0.62	0.30	0.16	0.38	0.62	0.00	0.0%
NC_1450	10	4389	0.27	0.26	0.03	0.26	0.26	0.26	0.13	0.06	0.16	0.26	0.00	0.0%
NC_1451	10	4384	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.06	0.15	0.24	0.00	0.0%
NC_1452	10	4384	0.23	0.22	0.02	0.22	0.22	0.22	0.11	0.06	0.14	0.22	0.00	0.0%
NC_1453	10	4384	0.22	0.21	0.02	0.21	0.21	0.21	0.11	0.05	0.13	0.21	0.00	0.0%
NC_1454	10	4389	0.63	0.62	0.05	0.62	0.56	0.62	0.30	0.16	0.38	0.62	0.00	0.0%
NC_1455	360	4737	0.28	0.27	0.06	0.28	0.19	0.21	0.12	0.28	0.26	0.28	0.00	0.0%
NC_1456	10	4384	0.13	0.13	0.01	0.13	0.13	0.13	0.07	0.05	0.09	0.13	0.00	0.0%
NC_1457	360	4732	0.08	0.08	0.02	0.08	0.02	0.01	0.01	0.07	0.08	0.08	0.00	0.0%
NC_1458	10	4389	0.42	0.40	0.04	0.41	0.39	0.41	0.20	0.11	0.25	0.41	0.00	0.0%
NC_1459	360	4740	0.06	0.05	0.02	0.06	0.05	0.05	0.03	0.05	0.06	0.06	0.00	0.0%
NC_1460	20	4451	0.28	0.27	0.03	0.28	0.25	0.27	0.17	0.22	0.22	0.27	-0.01	-3.6%
NC_1461	10	4389	0.45	0.45	0.03	0.45	0.41	0.45	0.25	0.27	0.31	0.45	0.00	0.0%
NC_1462	10	4389	0.53	0.52	0.02	0.53	0.50	0.53	0.30	0.31	0.39	0.53	0.00	0.0%
NC_1463	20	4449	1.72	1.67	0.15	1.68	1.61	1.67	1.04	0.79	1.26	1.67	-0.01	-0.6%
NC_1464	10	4384	0.19	0.19	0.02	0.19	0.19	0.19	0.09	0.05	0.12	0.19	0.00	0.0%

ARR2019 Results for 50%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_1465	20	4455	2.42	2.41	0.18	2.42	2.05	2.05	1.39	1.24	1.95	2.05	-0.37	-15.3%
NC_1466	10	4384	0.21	0.20	0.02	0.21	0.21	0.20	0.10	0.05	0.13	0.21	0.00	0.0%
NC_1467	10	4384	0.18	0.18	0.02	0.18	0.18	0.18	0.09	0.05	0.11	0.18	0.00	0.0%
NC_1468	10	4384	0.19	0.19	0.02	0.19	0.19	0.19	0.09	0.05	0.12	0.19	0.00	0.0%
NC_1469	10	4389	0.47	0.46	0.04	0.46	0.42	0.46	0.22	0.12	0.29	0.46	0.00	0.0%
NC_1470	10	4384	0.21	0.20	0.02	0.20	0.20	0.20	0.10	0.05	0.13	0.20	0.00	0.0%
NC_1471	10	4389	0.49	0.48	0.04	0.49	0.44	0.49	0.24	0.13	0.31	0.49	0.00	0.0%
NC_1472	10	4384	0.19	0.18	0.02	0.18	0.18	0.18	0.09	0.05	0.11	0.18	0.00	0.0%
NC_1473	10	4384	0.20	0.19	0.02	0.20	0.20	0.19	0.10	0.05	0.12	0.20	0.00	0.0%
NC_1474	10	4384	0.21	0.21	0.02	0.21	0.21	0.21	0.10	0.05	0.13	0.21	0.00	0.0%
NC_1475	10	4389	0.31	0.30	0.03	0.30	0.30	0.30	0.15	0.09	0.19	0.30	0.00	0.0%
NC_1476	10	4384	0.14	0.13	0.01	0.13	0.13	0.13	0.07	0.03	0.08	0.13	0.00	0.0%
NC_1477	10	4389	0.33	0.33	0.03	0.33	0.30	0.33	0.16	0.10	0.21	0.33	0.00	0.0%
NC_1478	540	4770	4.28	4.22	0.92	4.27	1.45	1.45	3.39	4.19	4.55	4.55	0.28	6.6%
NC_1479	360	4737	0.19	0.19	0.04	0.19	0.02	0.02	0.02	0.19	0.17	0.19	0.00	0.0%
NC_1480	360	4737	0.54	0.53	0.12	0.55	0.03	0.03	0.04	0.55	0.47	0.55	0.00	0.0%
NC_1481	360	4737	0.64	0.63	0.14	0.66	0.00	0.00	0.04	0.66	0.56	0.66	0.00	0.0%
NC_1482	360	4740	1.91	1.83	0.43	1.86	1.16	1.16	0.93	1.80	1.86	1.86	0.00	0.0%
NC_1483	360	4740	0.35	0.33	0.08	0.34	0.15	0.15	0.12	0.31	0.34	0.34	0.00	0.0%
NC_1484	360	4740	0.08	0.07	0.02	0.08	0.01	0.01	0.01	0.07	0.08	0.08	0.00	0.0%
NC_1485	10	4384	0.17	0.17	0.02	0.17	0.17	0.16	0.08	0.11	0.13	0.17	0.00	0.0%
NC_1486	360	4740	0.08	0.07	0.02	0.07	0.00	0.00	0.01	0.07	0.07	0.07	0.00	0.0%
NC_1487	45	4554	1.17	1.17	0.11	1.17	0.80	0.80	0.83	0.67	0.98	0.98	-0.19	-16.2%
NC_1488	25	4487	0.74	0.72	0.07	0.72	0.59	0.61	0.52	0.45	0.53	0.61	-0.11	-15.3%
NC_1489	540	4770	2.65	2.55	1.11	2.57	0.04	0.04	0.20	2.46	2.27	2.46	-0.11	-4.3%
NC_1490	360	4737	0.12	0.11	0.03	0.11	0.02	0.02	0.02	0.11	0.10	0.11	0.00	0.0%
NC_1491	20	4445	1.22	1.22	0.09	1.22	1.13	1.14	0.66	0.46	0.86	1.14	-0.08	-6.6%
NC_1492	20	4455	4.36	4.35	0.33	4.36	3.88	3.88	2.42	1.28	2.86	3.88	-0.48	-11.0%
NC_1493	20	4455	5.12	5.13	0.32	5.22	4.10	4.13	3.72	4.04	3.89	4.13	-1.09	-20.9%
NC_1494	10	4389	0.48	0.47	0.04	0.48	0.43	0.48	0.23	0.14	0.30	0.48	0.00	0.0%
NC_1495	10	4389	0.51	0.49	0.05	0.50	0.47	0.50	0.25	0.10	0.27	0.50	0.00	0.0%
NC_1496	10	4389	0.57	0.56	0.04	0.56	0.51	0.56	0.27	0.15	0.35	0.56	0.00	0.0%
NC_1497	10	4389	0.86	0.85	0.04	0.85	0.80	0.85	0.42	0.24	0.55	0.85	0.00	0.0%
NC_1498	10	4384	0.09	0.09	0.01	0.10	0.10	0.09	0.05	0.04	0.07	0.10	0.00	0.0%
NC_1499	10	4384	0.17	0.16	0.02	0.16	0.16	0.16	0.08	0.05	0.11	0.16	0.00	0.0%
NC_1500	10	4389	1.06	1.05	0.03	1.06	1.03	1.06	0.54	0.43	0.73	1.06	0.00	0.0%
NC_1501	1440	4879	5.72	5.94	1.75	6.08	3.16	3.16	4.00	5.24	4.72	5.24	-0.84	-13.8%
NC_1502	10	4384	0.17	0.16	0.02	0.17	0.17	0.16	0.08	0.04	0.10	0.17	0.00	0.0%
NC_1503	10	4389	0.72	0.71	0.04	0.72	0.66	0.72	0.35	0.23	0.47	0.72	0.00	0.0%
NC_1504	10	4384	0.12	0.12	0.01	0.12	0.12	0.12	0.06	0.04	0.08	0.12	0.00	0.0%
NC_1505	10	4384	0.08	0.08	0.01	0.09	0.09	0.08	0.04	0.02	0.05	0.09	0.00	0.0%
NC_1506	10	4389	0.60	0.60	0.04	0.60	0.55	0.60	0.29	0.18	0.38	0.60	0.00	0.0%
NC_1507	10	4389	0.62	0.62	0.05	0.62	0.56	0.62	0.30	0.19	0.40	0.62	0.00	0.0%
NC_1508	10	4389	0.26	0.25	0.02	0.25	0.25	0.25	0.12	0.08	0.16	0.25	0.00	0.0%
NC_1509	10	4389	0.39	0.38	0.04	0.38	0.37	0.38	0.19	0.13	0.25	0.38	0.00	0.0%
NC_1510	10	4389	0.94	0.94	0.02	0.94	0.91	0.94	0.47	0.35	0.63	0.94	0.00	0.0%
NC_1511	10	4389	0.25	0.24	0.02	0.24	0.24	0.24	0.12	0.06	0.15	0.24	0.00	0.0%
NC_1512	10	4389	0.45	0.44	0.03	0.44	0.40	0.44	0.21	0.13	0.28	0.44	0.00	0.0%
NC_1513	10	4389	0.48	0.47	0.04	0.48	0.43	0.48	0.23	0.16	0.31	0.48	0.00	0.0%
NC_1514	10	4389	0.25	0.24	0.02	0.25	0.24	0.25	0.12	0.08	0.16	0.25	0.00	0.0%
NC_1515	10	4389	0.28	0.27	0.03	0.27	0.27	0.27	0.14	0.08	0.17	0.27	0.00	0.0%
NC_1516	10	4389	0.37	0.36	0.03	0.36	0.35	0.36	0.18	0.10	0.23	0.36	0.00	0.0%
NC_1517	10	4389	0.52	0.52	0.04	0.52	0.48	0.52	0.25	0.16	0.33	0.52	0.00	0.0%
NC_1518	10	4384	0.16	0.16	0.02	0.16	0.16	0.16	0.08	0.05	0.11	0.16	0.00	0.0%
NC_1519	10	4389	0.30	0.30	0.02	0.30	0.27	0.30	0.15	0.11	0.21	0.30	0.00	0.0%
NC_1520	45	4550	1.41	1.40	0.07	1.40	0.93	0.93	1.27	1.09	1.24	1.27	-0.13	-9.3%
NC_1521	10	4389	0.82	0.81	0.05	0.82	0.76	0.82	0.39	0.28	0.53	0.82	0.00	0.0%
NC_1522	10	4389	1.29	1.28	0.06	1.28	1.22	1.28	0.63	0.40	0.83	1.28	0.00	0.0%
NC_1523	10	4389	0.97	0.96	0.02	0.96	0.94	0.96	0.50	0.37	0.68	0.96	0.00	0.0%
NC_1524	10	4389	0.49	0.48	0.04	0.48	0.46	0.48	0.24	0.14	0.30	0.48	0.00	0.0%
NC_1525	45	4554	1.41	1.43	0.10	1.43	1.00	1.00	1.24	1.07	1.22	1.24	-0.19	-13.3%

ARR2019 Results for 50%AEP Event														
Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)					Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	10 min	60 min	360 min	360 min			
			Average	Median	Standard Dev	Adopted	4384	4389	4577	4737	4740		m^3/s	%
NC_1526	20	4455	1.35	1.35	0.09	1.36	1.18	1.19	0.81	0.59	0.99	1.19	-0.17	-12.5%
NC_1527	10	4389	0.33	0.32	0.03	0.32	0.30	0.32	0.15	0.08	0.21	0.32	0.00	0.0%
NC_1528	10	4389	0.22	0.22	0.02	0.22	0.21	0.22	0.11	0.05	0.14	0.22	0.00	0.0%
NC_1529	10	4384	0.14	0.14	0.01	0.14	0.14	0.13	0.07	0.04	0.09	0.14	0.00	0.0%
NC_1530	45	4547	3.53	3.51	0.08	3.51	2.38	2.38	3.43	3.37	3.45	3.45	-0.06	-1.7%
NC_1531	10	4384	0.12	0.12	0.01	0.12	0.12	0.12	0.06	0.03	0.08	0.12	0.00	0.0%
NC_1532	90	4605	4.05	4.11	0.16	4.13	1.85	1.85	3.87	4.13	4.44	4.44	0.31	7.5%
NC_1533	540	4770	3.88	3.83	1.02	3.92	1.49	1.49	3.41	4.00	4.29	4.29	0.37	9.4%
NC_1534	25	4487	0.89	0.90	0.06	0.90	0.64	0.64	0.64	0.60	0.75	0.75	-0.15	-16.7%
NC_1535	20	4449	1.56	1.56	0.13	1.60	1.39	1.40	0.89	0.68	1.11	1.40	-0.20	-12.5%
NC_1536	10	4384	0.20	0.20	0.02	0.20	0.20	0.20	0.10	0.05	0.12	0.20	0.00	0.0%
NC_1537	20	4455	0.56	0.56	0.03	0.56	0.44	0.44	0.37	0.36	0.49	0.49	-0.07	-12.5%
NC_1538	10	4389	0.53	0.51	0.05	0.52	0.49	0.52	0.26	0.11	0.29	0.52	0.00	0.0%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_1	270	4717	82.38	81.39	7.03	83.88	14.99	31.53	31.48	79.33	81.37	84.43	78.41	84.43	0.55	1%
NC_2	120	4642	0.35	0.33	0.10	0.33	0.02	0.11	0.11	0.30	0.33	0.30	0.31	0.33	0.00	0%
NC_3	120	4645	0.16	0.15	0.06	0.18	0.08	0.13	0.09	0.13	0.18	0.18	0.16	0.18	0.00	0%
NC_4	120	4643	0.45	0.44	0.11	0.46	0.04	0.12	0.11	0.40	0.42	0.37	0.41	0.42	-0.04	-9%
NC_5	20	4449	2.75	2.69	0.24	2.70	2.66	2.54	2.87	1.90	2.31	2.70	2.27	2.87	0.17	6%
NC_6	10	4389	0.64	0.63	0.05	0.64	0.64	0.61	0.65	0.38	0.58	0.57	0.47	0.65	0.01	2%
NC_7	20	4450	0.53	0.51	0.06	0.52	0.51	0.51	0.52	0.31	0.51	0.46	0.38	0.52	0.00	0%
NC_8	120	4642	0.24	0.22	0.08	0.24	0.01	0.11	0.09	0.20	0.24	0.24	0.22	0.24	0.00	0%
NC_9	20	4449	0.84	0.85	0.10	0.86	0.76	0.87	0.85	0.57	0.76	0.86	0.66	0.87	0.01	1%
NC_10	120	4636	2.43	2.46	0.43	2.51	0.98	1.64	1.68	2.25	2.40	2.50	2.23	2.50	-0.01	0%
NC_11	20	4445	1.61	1.55	0.15	1.56	1.60	1.51	1.65	1.10	1.41	1.58	1.33	1.65	0.09	6%
NC_12	60	4578	0.29	0.29	0.07	0.32	0.26	0.30	0.27	0.22	0.34	0.31	0.27	0.34	0.02	6%
NC_13	120	4642	0.19	0.18	0.07	0.20	0.05	0.12	0.09	0.15	0.20	0.20	0.18	0.20	0.00	0%
NC_14	10	4389	0.70	0.68	0.05	0.69	0.69	0.66	0.70	0.43	0.64	0.64	0.54	0.70	0.01	1%
NC_15	120	4643	0.63	0.60	0.16	0.62	0.05	0.18	0.18	0.56	0.56	0.54	0.57	0.57	-0.05	-8%
NC_16	20	4451	0.27	0.27	0.04	0.27	0.26	0.27	0.27	0.18	0.29	0.26	0.22	0.29	0.02	7%
NC_17	120	4642	0.19	0.17	0.06	0.19	0.03	0.10	0.08	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_18	20	4451	0.67	0.65	0.07	0.66	0.66	0.66	0.68	0.50	0.66	0.69	0.59	0.69	0.03	5%
NC_19	120	4642	0.33	0.31	0.10	0.32	0.04	0.12	0.11	0.28	0.32	0.29	0.29	0.32	0.00	0%
NC_20	120	4642	0.18	0.17	0.06	0.18	0.00	0.08	0.07	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_21	45	4552	2.97	3.02	0.20	3.03	1.28	2.15	2.18	2.74	2.96	3.09	2.70	3.09	0.06	2%
NC_22	120	4645	0.22	0.21	0.08	0.24	0.14	0.19	0.15	0.18	0.25	0.24	0.21	0.25	0.01	4%
NC_23	120	4643	1.09	1.05	0.26	1.11	0.06	0.30	0.29	0.98	1.00	0.93	1.01	1.01	-0.10	-9%
NC_24	120	4642	0.52	0.48	0.16	0.50	0.25	0.34	0.30	0.45	0.50	0.52	0.48	0.52	0.02	4%
NC_25	20	4450	0.41	0.40	0.05	0.40	0.39	0.40	0.40	0.24	0.41	0.36	0.31	0.41	0.01	2%
NC_26	120	4642	0.20	0.19	0.07	0.21	0.08	0.15	0.11	0.16	0.21	0.21	0.19	0.21	0.00	0%
NC_27	10	4389	0.41	0.40	0.04	0.40	0.40	0.39	0.41	0.20	0.37	0.31	0.26	0.41	0.01	2%
NC_28	120	4642	0.40	0.38	0.13	0.42	0.35	0.38	0.37	0.32	0.42	0.42	0.37	0.42	0.00	0%
NC_29	20	4450	0.48	0.47	0.06	0.48	0.47	0.47	0.48	0.28	0.47	0.42	0.36	0.48	0.00	0%
NC_30	120	4636	4.16	4.20	0.62	4.28	0.59	1.44	1.46	4.03	4.12	3.54	3.73	4.12	-0.16	-4%
NC_31	120	4642	0.19	0.17	0.06	0.19	0.04	0.11	0.09	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_32	120	4642	0.68	0.63	0.21	0.65	0.19	0.30	0.27	0.59	0.65	0.64	0.63	0.65	0.00	0%
NC_33	120	4642	0.19	0.18	0.07	0.20	0.04	0.11	0.09	0.16	0.20	0.20	0.19	0.20	0.00	0%
NC_34	120	4641	5.76	5.80	0.97	5.96	0.62	1.88	1.89	5.39	5.64	4.83	5.23	5.64	-0.32	-5%
NC_35	120	4642	0.30	0.29	0.10	0.32	0.15	0.22	0.17	0.24	0.32	0.31	0.29	0.32	0.00	0%
NC_36	120	4643	1.22	1.09	0.37	1.09	0.45	0.67	0.69	1.07	1.07	1.21	1.15	1.21	0.12	11%
NC_37	20	4446	0.27	0.26	0.04	0.27	0.25	0.27	0.26	0.18	0.30	0.26	0.23	0.30	0.03	11%
NC_38	10	4389	0.41	0.40	0.04	0.40	0.40	0.39	0.41	0.21	0.37	0.32	0.27	0.41	0.01	2%
NC_39	120	4642	0.23	0.22	0.08	0.25	0.11	0.17	0.13	0.18	0.25	0.24	0.22	0.25	0.00	0%
NC_40	120	4641	5.77	5.85	0.94	6.02	0.56	1.80	1.81	5.42	5.69	4.91	5.24	5.69	-0.33	-5%
NC_41	20	4450	0.49	0.49	0.06	0.50	0.46	0.50	0.50	0.35	0.49	0.51	0.41	0.51	0.01	2%
NC_42	120	4642	0.36	0.33	0.12	0.35	0.25	0.30	0.28	0.30	0.35	0.39	0.35	0.39	0.04	11%
NC_43	20	4451	0.52	0.50	0.06	0.51	0.50	0.51	0.52	0.38	0.54	0.54	0.46	0.54	0.03	6%
NC_44	20	4451	0.29	0.28	0.04	0.29	0.27	0.29	0.28	0.18	0.30	0.26	0.22	0.30	0.01	3%
NC_45	20	4450	0.40	0.39	0.05	0.39	0.38	0.39	0.39	0.23	0.39	0.35	0.29	0.39	0.00	0%
NC_46	120	4642	0.21	0.20	0.07	0.22	0.05	0.12	0.10	0.17	0.22	0.22	0.20	0.22	0.00	0%
NC_47	10	4389	0.84	0.83	0.06	0.83	0.83	0.79	0.85	0.47	0.73	0.72	0.60	0.85	0.02	2%
NC_48	20	4451	0.79	0.78	0.09	0.78	0.77	0.78	0.81	0.53	0.72	0.77	0.63	0.81	0.03	4%
NC_49	120	4642	6.80	6.97	0.63	7.04	2.84	4.61	4.64	6.90	7.04	7.08	6.19	7.08	0.04	1%
NC_50	120	4642	0.22	0.20	0.07	0.22	0.02	0.11	0.09	0.18	0.22	0.22	0.21	0.22	0.00	0%
NC_51	20	4451	0.82	0.80	0.09	0.80	0.81	0.80	0.84	0.58	0.78	0.84	0.72	0.84	0.04	5%
NC_52	120	4642	0.67	0.63	0.21	0.68	0.53	0.58	0.56	0.55	0.68	0.69	0.61	0.69	0.01	1%
NC_53	120	4642	1.04	0.94	0.33	0.97	0.45	0.62	0.62	0.90	0.97	1.06	0.98	1.06	0.09	9%
NC_54	20	4451	0.54	0.51	0.06	0.52	0.53	0.52	0.54	0.35	0.53	0.51	0.44	0.54	0.02	4%
NC_55	60	4578	0.23	0.23	0.05	0.25	0.21	0.24	0.22	0.17	0.27	0.25	0.21	0.27	0.02	8%
NC_56	20	4450	0.32	0.32	0.04	0.32	0.31	0.31	0.32	0.18	0.32	0.27	0.23	0.32	0.00	0%
NC_57	20	4446	0.36	0.35	0.05	0.36	0.34	0.37	0.35	0.27	0.41	0.38	0.33	0.41	0.05	14%
NC_58	120	4642	6.80	7.01	0.63	7.05	2.78	4.58	4.61	6.89	7.05	7.10	6.23	7.10	0.05	1%
NC_59	20	4450	0.44	0.43	0.05	0.43	0.42	0.43	0.43	0.26	0.44	0.39	0.33	0.44	0.01	2%
NC_60	20	4450	0.31	0.30	0.04	0.30	0.29	0.30	0.30	0.18	0.31	0.27	0.23	0.31	0.01	3%
NC_61	120	4645	0.28	0.26	0.10	0.29	0.21	0.25	0.22	0.21	0.31	0.29	0.26	0.31	0.02	7%
NC_62	20	4450	3.72	3.77	0.31	3.82	3.20	3.73	3.82	2.70	3.08	3.78	3.03	3.82	0.00	0%
NC_63	20	4450	0.34	0.33	0.04	0.34	0.33	0.33	0.34	0.19	0.33	0.29	0.24	0.34	0.00	0%
NC_64	45	4551	0.78	0.79	0.10	0.83	0.58	0.72	0.71	0.67	0.70	0.87	0.72	0.87	0.04	5%
NC_65	10	4389	0.54	0.52	0.05	0.52	0.52	0.50	0.53	0.26	0.46	0.40	0.33	0.53	0.01	2%
NC_66	20	4450	0.37	0.36	0.04	0.37	0.36	0.35	0.37	0.20	0.35	0.30	0.25	0.37	0.00	0%
NC_67	120	4642	0.95	0.87	0.28	0.89	0.80	0.92	0.91	0.83	0.89	1.04	0.87	1.04	0.15	17%
NC_68	10	4389	0.39	0.38	0.04	0.38	0.38	0.37	0.39	0.19	0.35	0.30	0.25	0.39	0.01	3%
NC_69	45	4551	1.07	1.10	0.13	1.13	0.73	1.00	1.00	0.92	0.97	1.13	0.93	1.13	0.00	0%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_70	20	4451	0.30	0.29	0.04	0.29	0.28	0.29	0.29	0.18	0.31	0.27	0.23	0.31	0.02	7%
NC_71	20	4451	0.28	0.27	0.04	0.28	0.26	0.28	0.27	0.18	0.29	0.26	0.22	0.29	0.01	4%
NC_72	20	4451	0.30	0.30	0.04	0.30	0.29	0.30	0.30	0.18	0.31	0.28	0.23	0.31	0.01	3%
NC_73	20	4450	0.59	0.60	0.08	0.60	0.56	0.61	0.60	0.45	0.59	0.63	0.52	0.63	0.03	5%
NC_74	120	4645	0.20	0.19	0.07	0.21	0.09	0.15	0.11	0.16	0.22	0.21	0.19	0.22	0.01	5%
NC_75	45	4553	4.24	4.29	0.52	4.43	3.51	4.19	4.42	3.15	3.50	4.38	3.51	4.42	-0.01	0%
NC_76	20	4449	0.86	0.83	0.09	0.84	0.85	0.82	0.89	0.61	0.80	0.88	0.76	0.89	0.05	6%
NC_77	120	4642	1.01	0.93	0.29	0.95	0.89	0.95	1.01	0.87	0.95	1.08	1.03	1.08	0.13	14%
NC_78	20	4449	0.27	0.26	0.04	0.26	0.26	0.28	0.26	0.20	0.30	0.30	0.25	0.30	0.04	15%
NC_79	20	4450	0.40	0.39	0.05	0.39	0.38	0.39	0.39	0.24	0.40	0.35	0.30	0.40	0.01	3%
NC_80	120	4642	0.68	0.63	0.21	0.67	0.41	0.49	0.45	0.57	0.67	0.70	0.64	0.70	0.03	4%
NC_81	25	4489	0.49	0.46	0.07	0.47	0.42	0.50	0.47	0.37	0.48	0.54	0.43	0.54	0.07	15%
NC_82	45	4551	1.39	1.43	0.19	1.49	0.94	1.25	1.30	1.16	1.17	1.50	1.22	1.50	0.01	1%
NC_83	10	4389	0.48	0.46	0.04	0.47	0.47	0.44	0.48	0.22	0.41	0.35	0.28	0.48	0.01	2%
NC_84	20	4451	0.36	0.35	0.05	0.36	0.34	0.36	0.35	0.23	0.38	0.34	0.29	0.38	0.02	6%
NC_85	120	4645	0.22	0.20	0.08	0.23	0.16	0.20	0.17	0.17	0.25	0.23	0.21	0.25	0.02	9%
NC_86	20	4449	1.69	1.64	0.15	1.65	1.65	1.59	1.76	1.02	1.38	1.55	1.31	1.76	0.11	7%
NC_87	10	4389	0.59	0.57	0.05	0.58	0.58	0.55	0.59	0.29	0.51	0.44	0.37	0.59	0.01	2%
NC_88	60	4581	1.06	1.05	0.23	1.06	0.91	0.90	0.92	0.87	1.07	1.18	1.07	1.18	0.12	11%
NC_89	120	4642	0.18	0.16	0.06	0.18	0.01	0.09	0.07	0.14	0.18	0.18	0.17	0.18	0.00	0%
NC_90	45	4553	1.98	2.03	0.26	2.13	1.82	1.89	2.06	1.59	1.77	2.12	1.91	2.12	-0.01	0%
NC_91	20	4451	0.28	0.27	0.04	0.28	0.26	0.28	0.27	0.18	0.30	0.26	0.22	0.30	0.02	7%
NC_92	60	4578	0.23	0.23	0.06	0.25	0.19	0.23	0.20	0.17	0.27	0.25	0.21	0.27	0.02	8%
NC_93	120	4642	0.43	0.40	0.14	0.44	0.28	0.34	0.30	0.35	0.44	0.44	0.39	0.44	0.00	0%
NC_94	20	4451	0.66	0.64	0.07	0.64	0.65	0.64	0.67	0.42	0.63	0.62	0.52	0.67	0.03	5%
NC_95	20	4451	0.56	0.54	0.06	0.54	0.55	0.54	0.56	0.36	0.54	0.54	0.45	0.56	0.02	4%
NC_96	25	4489	0.76	0.72	0.11	0.73	0.68	0.77	0.75	0.58	0.74	0.84	0.68	0.84	0.11	15%
NC_97	20	4446	0.28	0.27	0.04	0.28	0.26	0.28	0.27	0.18	0.30	0.27	0.23	0.30	0.02	7%
NC_98	20	4451	0.86	0.86	0.10	0.87	0.83	0.87	0.89	0.61	0.80	0.88	0.72	0.89	0.02	2%
NC_99	20	4449	2.05	1.99	0.19	2.02	2.00	1.95	2.13	1.27	1.65	1.92	1.55	2.13	0.11	5%
NC_100	20	4446	0.29	0.29	0.04	0.29	0.27	0.30	0.28	0.21	0.34	0.30	0.26	0.34	0.05	17%
NC_101	20	4451	0.76	0.72	0.08	0.73	0.74	0.73	0.75	0.53	0.76	0.77	0.65	0.77	0.04	5%
NC_102	120	4643	6.93	7.18	0.65	7.30	2.71	4.56	4.58	6.96	7.37	7.31	6.45	7.37	0.07	1%
NC_103	20	4450	0.32	0.32	0.04	0.32	0.31	0.32	0.32	0.19	0.32	0.28	0.24	0.32	0.00	0%
NC_104	120	4642	0.19	0.18	0.07	0.20	0.07	0.13	0.10	0.16	0.20	0.20	0.18	0.20	0.00	0%
NC_105	60	4581	2.15	2.11	0.45	2.14	2.05	1.97	2.12	1.73	2.13	2.40	2.13	2.40	0.26	12%
NC_106	20	4450	0.32	0.31	0.04	0.31	0.30	0.31	0.31	0.18	0.31	0.27	0.23	0.31	0.00	0%
NC_107	120	4642	0.37	0.35	0.12	0.38	0.29	0.34	0.31	0.31	0.38	0.41	0.35	0.41	0.03	8%
NC_108	20	4446	0.33	0.32	0.04	0.33	0.31	0.33	0.32	0.23	0.36	0.33	0.28	0.36	0.03	9%
NC_109	20	4449	3.83	3.81	0.37	3.92	3.44	3.62	4.06	2.47	2.99	3.68	2.95	4.06	0.14	4%
NC_110	20	4450	0.35	0.34	0.04	0.34	0.33	0.34	0.34	0.19	0.34	0.29	0.24	0.34	0.00	0%
NC_111	10	4389	0.38	0.37	0.04	0.37	0.37	0.36	0.38	0.19	0.34	0.29	0.24	0.38	0.01	3%
NC_112	120	4642	0.35	0.33	0.10	0.33	0.02	0.12	0.11	0.30	0.33	0.30	0.30	0.33	0.00	0%
NC_113	20	4450	0.46	0.45	0.05	0.46	0.45	0.44	0.46	0.25	0.43	0.38	0.32	0.46	0.00	0%
NC_114	20	4451	0.33	0.33	0.04	0.33	0.31	0.33	0.32	0.21	0.34	0.31	0.26	0.34	0.01	3%
NC_115	120	4642	0.19	0.17	0.07	0.19	0.04	0.11	0.09	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_116	10	4389	1.05	1.04	0.05	1.05	1.05	0.99	1.08	0.73	0.94	1.06	0.90	1.08	0.03	3%
NC_117	20	4451	0.61	0.59	0.07	0.59	0.60	0.59	0.62	0.38	0.58	0.56	0.47	0.62	0.03	5%
NC_118	120	4642	0.21	0.20	0.07	0.22	0.07	0.14	0.11	0.17	0.22	0.22	0.20	0.22	0.00	0%
NC_119	60	4581	2.36	2.30	0.49	2.39	2.20	2.13	2.40	1.92	2.21	2.61	2.32	2.61	0.22	9%
NC_120	60	4579	0.47	0.48	0.10	0.52	0.43	0.47	0.44	0.37	0.53	0.51	0.45	0.53	0.01	2%
NC_121	120	4643	0.44	0.43	0.11	0.45	0.03	0.12	0.11	0.40	0.41	0.37	0.41	0.41	-0.04	-9%
NC_122	20	4451	0.30	0.29	0.04	0.29	0.28	0.29	0.29	0.18	0.31	0.27	0.23	0.31	0.02	7%
NC_123	120	4638	0.56	0.50	0.17	0.50	0.22	0.36	0.37	0.49	0.50	0.58	0.52	0.58	0.08	16%
NC_124	45	4553	9.74	9.80	1.25	10.08	7.48	9.32	10.11	6.99	7.58	9.86	7.84	10.11	0.03	0%
NC_125	10	4389	0.42	0.40	0.04	0.41	0.41	0.38	0.42	0.19	0.36	0.30	0.25	0.42	0.01	2%
NC_126	20	4451	0.55	0.55	0.07	0.56	0.53	0.56	0.57	0.35	0.51	0.53	0.42	0.57	0.01	2%
NC_127	20	4451	0.33	0.32	0.04	0.32	0.31	0.32	0.32	0.21	0.35	0.31	0.26	0.35	0.03	9%
NC_128	20	4451	0.63	0.60	0.07	0.60	0.62	0.60	0.64	0.38	0.59	0.57	0.47	0.64	0.04	7%
NC_129	120	4643	1.35	1.26	0.38	1.26	0.44	0.62	0.60	1.19	1.25	1.24	1.22	1.25	-0.01	-1%
NC_130	20	4451	0.32	0.32	0.04	0.32	0.31	0.32	0.32	0.19	0.33	0.29	0.25	0.33	0.01	3%
NC_131	120	4643	0.60	0.57	0.15	0.60	0.04	0.16	0.15	0.54	0.55	0.51	0.55	0.55	-0.05	-8%
NC_132	20	4446	0.26	0.25	0.04	0.26	0.24	0.26	0.25	0.17	0.29	0.25	0.22	0.29	0.03	12%
NC_133	20	4449	0.86	0.83	0.09	0.83	0.84	0.83	0.87	0.59	0.79	0.86	0.73	0.87	0.04	5%
NC_134	20	4450	0.35	0.34	0.04	0.34	0.33	0.34	0.34	0.20	0.34	0.30	0.25	0.34	0.00	0%
NC_135	120	4643	0.44	0.43	0.11	0.45	0.01	0.12	0.11	0.40	0.40	0.37	0.41	0.41	-0.04	-9%
NC_136	20	4450	0.35	0.34	0.04	0.34	0.33	0.33	0.34	0.18	0.33	0.28	0.23	0.34	0.00	0%
NC_137	120	4642	0.18	0.17	0.06	0.19	0.04	0.11	0.09	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_138	45	4553	3.45	3.56	0.55	3.79	2.77	3.18	3.55	2.79	2.94	3.71	3.31	3.71	-0.08	-2%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_139	120	4642	0.34	0.32	0.10	0.32	0.02	0.12	0.12	0.30	0.32	0.31	0.31	0.32	0.00	0%
NC_140	20	4451	0.63	0.60	0.07	0.61	0.62	0.61	0.64	0.39	0.60	0.58	0.49	0.64	0.03	5%
NC_141	10	4389	0.37	0.36	0.03	0.36	0.36	0.35	0.37	0.18	0.34	0.29	0.24	0.37	0.01	3%
NC_142	10	4389	0.78	0.77	0.06	0.77	0.77	0.71	0.79	0.38	0.62	0.59	0.48	0.79	0.02	3%
NC_143	120	4642	0.19	0.18	0.07	0.20	0.05	0.12	0.09	0.15	0.20	0.20	0.18	0.20	0.00	0%
NC_144	20	4451	0.29	0.28	0.04	0.28	0.27	0.28	0.28	0.18	0.30	0.27	0.23	0.30	0.02	7%
NC_145	120	4645	0.26	0.24	0.09	0.27	0.20	0.24	0.21	0.20	0.30	0.28	0.24	0.30	0.03	11%
NC_146	45	4553	2.80	2.85	0.38	2.98	2.46	2.71	2.88	2.13	2.40	2.96	2.35	2.96	-0.02	-1%
NC_147	10	4389	0.77	0.76	0.06	0.76	0.76	0.73	0.78	0.43	0.68	0.66	0.55	0.78	0.02	3%
NC_148	20	4450	1.49	1.51	0.15	1.54	1.26	1.48	1.54	1.04	1.20	1.53	1.19	1.54	0.00	0%
NC_149	20	4450	0.38	0.37	0.05	0.38	0.37	0.37	0.38	0.21	0.36	0.32	0.26	0.38	0.00	0%
NC_150	20	4450	0.33	0.32	0.04	0.33	0.32	0.32	0.33	0.18	0.32	0.28	0.23	0.33	0.00	0%
NC_151	20	4445	0.61	0.58	0.06	0.59	0.61	0.58	0.62	0.40	0.57	0.60	0.51	0.62	0.03	5%
NC_152	120	4640	7.60	7.64	0.78	7.66	0.23	0.67	0.67	7.66	7.61	6.00	7.60	7.66	0.00	0%
NC_153	120	4642	0.20	0.18	0.07	0.20	0.01	0.09	0.08	0.16	0.20	0.20	0.19	0.20	0.00	0%
NC_154	45	4553	3.30	3.43	0.40	3.48	1.73	2.73	2.81	2.67	2.61	3.46	2.73	3.46	-0.02	-1%
NC_155	10	4389	1.12	1.10	0.06	1.11	1.11	1.02	1.12	0.67	0.94	1.00	0.85	1.12	0.01	1%
NC_156	120	4643	1.78	1.64	0.49	1.68	0.49	0.75	0.76	1.57	1.59	1.63	1.62	1.63	-0.05	-3%
NC_157	20	4445	1.42	1.38	0.12	1.38	1.41	1.31	1.47	0.88	1.13	1.33	1.12	1.47	0.09	7%
NC_158	120	4640	7.51	7.56	0.74	7.58	0.35	0.64	0.64	7.58	7.53	5.94	7.63	7.63	0.05	1%
NC_159	20	4450	0.38	0.37	0.04	0.38	0.37	0.36	0.38	0.19	0.35	0.30	0.25	0.38	0.00	0%
NC_160	20	4450	0.41	0.40	0.05	0.40	0.39	0.39	0.40	0.23	0.40	0.35	0.30	0.40	0.00	0%
NC_161	20	4450	0.34	0.33	0.04	0.33	0.32	0.32	0.33	0.18	0.32	0.28	0.23	0.33	0.00	0%
NC_162	20	4451	0.28	0.27	0.04	0.28	0.26	0.28	0.27	0.18	0.30	0.26	0.22	0.30	0.02	7%
NC_163	20	4450	0.34	0.33	0.04	0.34	0.33	0.33	0.34	0.19	0.33	0.29	0.24	0.34	0.00	0%
NC_164	20	4451	0.73	0.70	0.08	0.71	0.72	0.71	0.74	0.45	0.68	0.67	0.56	0.74	0.03	4%
NC_165	20	4450	0.35	0.34	0.04	0.35	0.34	0.34	0.35	0.18	0.33	0.28	0.24	0.35	0.00	0%
NC_166	20	4446	0.38	0.36	0.04	0.37	0.37	0.36	0.38	0.21	0.36	0.33	0.28	0.38	0.01	3%
NC_167	45	4553	3.34	3.41	0.47	3.57	2.84	3.16	3.44	2.52	2.78	3.50	2.78	3.50	-0.07	-2%
NC_168	45	4553	5.18	5.30	0.80	5.63	4.03	4.93	5.32	4.09	4.37	5.54	4.88	5.54	-0.09	-2%
NC_169	20	4446	0.59	0.58	0.07	0.59	0.58	0.56	0.59	0.32	0.55	0.49	0.41	0.59	0.00	0%
NC_170	20	4451	0.34	0.33	0.04	0.34	0.32	0.34	0.33	0.22	0.36	0.32	0.28	0.36	0.02	6%
NC_171	120	4643	2.70	2.53	0.72	2.61	0.91	1.19	1.22	2.40	2.42	2.42	2.45	2.45	-0.16	-6%
NC_172	45	4553	3.90	4.02	0.57	4.28	3.36	3.59	4.04	3.12	3.38	4.21	3.72	4.21	-0.07	-2%
NC_173	20	4451	0.54	0.52	0.06	0.53	0.53	0.53	0.54	0.37	0.54	0.54	0.46	0.54	0.01	2%
NC_174	20	4449	1.04	1.03	0.11	1.06	0.97	1.01	1.07	0.77	0.94	1.11	0.93	1.11	0.05	5%
NC_175	20	4445	1.02	0.98	0.10	0.98	1.01	0.97	1.05	0.65	0.89	0.96	0.80	1.05	0.07	7%
NC_176	120	4636	1.75	1.75	0.17	1.76	0.33	0.76	0.76	1.75	1.75	1.58	1.55	1.75	-0.01	-1%
NC_177	10	4389	0.41	0.39	0.04	0.40	0.40	0.38	0.41	0.20	0.37	0.31	0.26	0.41	0.01	2%
NC_178	10	4389	0.66	0.65	0.05	0.66	0.66	0.62	0.67	0.36	0.58	0.56	0.46	0.67	0.01	2%
NC_179	120	4643	0.80	0.78	0.21	0.79	0.30	0.40	0.36	0.71	0.77	0.67	0.71	0.77	-0.02	-3%
NC_180	20	4450	0.38	0.37	0.05	0.38	0.37	0.37	0.38	0.21	0.37	0.32	0.27	0.38	0.00	0%
NC_181	120	4640	1.85	1.88	0.15	1.91	0.66	0.72	0.72	1.91	2.03	1.68	1.68	2.03	0.12	6%
NC_182	20	4451	0.40	0.39	0.05	0.40	0.38	0.40	0.39	0.26	0.42	0.38	0.32	0.42	0.02	5%
NC_183	20	4450	0.35	0.34	0.04	0.35	0.34	0.33	0.35	0.18	0.33	0.28	0.24	0.35	0.00	0%
NC_184	20	4450	0.35	0.34	0.04	0.34	0.34	0.34	0.34	0.20	0.34	0.30	0.25	0.34	0.00	0%
NC_185	20	4451	0.58	0.56	0.06	0.56	0.57	0.56	0.59	0.37	0.56	0.55	0.46	0.59	0.03	5%
NC_186	120	4642	0.21	0.19	0.07	0.21	0.00	0.09	0.08	0.17	0.21	0.21	0.20	0.21	0.00	0%
NC_187	20	4450	0.35	0.35	0.04	0.35	0.34	0.34	0.35	0.19	0.33	0.29	0.24	0.35	0.00	0%
NC_188	10	4389	0.83	0.82	0.06	0.82	0.82	0.77	0.84	0.44	0.70	0.68	0.56	0.84	0.02	2%
NC_189	120	4642	0.19	0.18	0.07	0.20	0.07	0.13	0.10	0.15	0.20	0.20	0.19	0.20	0.00	0%
NC_190	45	4553	3.62	3.69	0.26	3.70	1.84	2.82	2.78	2.84	3.19	3.64	2.89	3.64	-0.06	-2%
NC_191	20	4450	0.41	0.40	0.05	0.40	0.39	0.39	0.40	0.22	0.38	0.34	0.28	0.40	0.00	0%
NC_192	45	4553	5.66	5.78	0.86	6.12	4.34	5.43	5.81	4.44	4.75	6.03	5.29	6.03	-0.09	-1%
NC_193	120	4643	7.69	7.86	0.52	7.87	2.18	4.01	4.02	7.84	8.07	7.96	7.44	8.07	0.20	3%
NC_194	120	4643	0.59	0.58	0.15	0.59	0.15	0.25	0.22	0.53	0.56	0.49	0.54	0.56	-0.03	-5%
NC_195	20	4446	0.36	0.36	0.05	0.36	0.34	0.36	0.35	0.25	0.39	0.36	0.30	0.39	0.03	8%
NC_196	120	4642	0.35	0.32	0.11	0.33	0.07	0.18	0.18	0.31	0.33	0.35	0.32	0.35	0.02	6%
NC_197	120	4645	0.22	0.21	0.08	0.24	0.14	0.19	0.16	0.18	0.25	0.24	0.21	0.25	0.01	4%
NC_198	20	4450	0.35	0.34	0.04	0.34	0.33	0.33	0.34	0.19	0.33	0.29	0.24	0.34	0.00	0%
NC_199	10	4389	0.85	0.84	0.05	0.84	0.84	0.79	0.86	0.49	0.72	0.75	0.62	0.86	0.02	2%
NC_200	20	4445	1.37	1.32	0.14	1.33	1.37	1.31	1.42	0.84	1.19	1.26	1.05	1.42	0.09	7%
NC_201	120	4642	0.28	0.26	0.09	0.28	0.01	0.12	0.11	0.24	0.28	0.27	0.26	0.28	0.00	0%
NC_202	20	4451	0.77	0.74	0.08	0.74	0.76	0.74	0.79	0.53	0.72	0.78	0.66	0.79	0.05	7%
NC_203	20	4450	0.54	0.55	0.07	0.55	0.50	0.56	0.55	0.40	0.53	0.57	0.47	0.57	0.02	4%
NC_204	120	4642	0.21	0.19	0.07	0.21	0.03	0.11	0.09	0.17	0.21	0.21	0.20	0.21	0.00	0%
NC_205	45	4553	3.51	3.59	0.51	3.77	2.86	3.27	3.63	2.66	2.85	3.68	2.96	3.68	-0.09	-2%
NC_206	120	4642	0.39	0.35	0.12	0.35	0.00	0.13	0.12	0.33	0.35	0.37	0.36	0.37	0.02	6%
NC_207	20	4449	1.56	1.52	0.14	1.54	1.52	1.47	1.62	0.99	1.30	1.49	1.23	1.62	0.08	5%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_208	20	4450	0.33	0.32	0.04	0.32	0.31	0.32	0.32	0.18	0.32	0.28	0.23	0.32	0.00	0%
NC_209	120	4642	0.18	0.16	0.06	0.18	0.00	0.08	0.07	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_210	45	4553	6.07	6.19	0.91	6.52	4.53	5.78	6.20	4.75	5.01	6.40	5.60	6.40	-0.12	-2%
NC_211	20	4450	0.38	0.37	0.05	0.37	0.36	0.37	0.37	0.22	0.37	0.33	0.28	0.37	0.00	0%
NC_212	120	4642	0.18	0.16	0.06	0.18	0.01	0.08	0.07	0.14	0.18	0.18	0.17	0.18	0.00	0%
NC_213	45	4553	4.57	4.70	0.43	4.73	2.00	3.43	3.51	3.75	3.88	4.70	3.84	4.70	-0.03	-1%
NC_214	120	4643	0.41	0.39	0.10	0.41	0.16	0.19	0.19	0.36	0.37	0.34	0.37	0.37	-0.04	-10%
NC_215	45	4553	3.15	3.13	0.11	3.14	1.48	2.44	2.47	3.03	3.12	3.40	2.81	3.40	0.26	8%
NC_216	120	4642	0.19	0.17	0.07	0.19	0.05	0.12	0.09	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_217	120	4642	0.32	0.29	0.09	0.30	0.01	0.10	0.09	0.28	0.30	0.27	0.28	0.30	0.00	0%
NC_218	90	4605	3.38	3.34	0.26	3.36	1.17	1.95	1.97	3.34	3.38	3.34	2.73	3.38	0.02	1%
NC_219	120	4642	0.48	0.45	0.14	0.46	0.12	0.20	0.17	0.41	0.46	0.43	0.43	0.46	0.00	0%
NC_220	20	4449	1.12	1.10	0.12	1.11	1.09	1.09	1.16	0.77	0.99	1.13	0.95	1.16	0.05	5%
NC_221	20	4451	0.31	0.30	0.04	0.30	0.29	0.30	0.30	0.19	0.32	0.28	0.24	0.32	0.02	7%
NC_222	20	4446	0.28	0.28	0.04	0.28	0.26	0.28	0.27	0.18	0.30	0.27	0.23	0.30	0.02	7%
NC_223	20	4450	0.42	0.41	0.05	0.42	0.41	0.40	0.42	0.23	0.40	0.35	0.29	0.42	0.00	0%
NC_224	20	4450	0.32	0.32	0.04	0.32	0.31	0.32	0.32	0.19	0.33	0.29	0.24	0.33	0.01	3%
NC_225	45	4552	3.32	3.39	0.32	3.42	1.45	2.48	2.56	2.71	2.70	3.46	2.83	3.46	0.04	1%
NC_226	20	4449	1.76	1.73	0.17	1.78	1.62	1.66	1.84	1.17	1.43	1.73	1.41	1.84	0.06	3%
NC_227	120	4638	1.91	1.93	0.16	1.94	0.92	0.86	0.94	2.03	2.13	1.75	1.75	2.13	0.19	10%
NC_228	60	4578	0.25	0.25	0.06	0.27	0.21	0.25	0.22	0.18	0.29	0.26	0.23	0.29	0.02	7%
NC_229	120	4640	7.87	7.95	0.40	7.96	2.14	3.97	3.97	7.96	8.17	8.03	7.55	8.17	0.21	3%
NC_230	120	4642	0.20	0.19	0.07	0.21	0.06	0.13	0.10	0.16	0.21	0.21	0.19	0.21	0.00	0%
NC_231	20	4450	0.51	0.50	0.06	0.52	0.49	0.52	0.52	0.41	0.54	0.55	0.47	0.55	0.03	6%
NC_232	45	4553	6.22	6.35	0.92	6.65	4.53	5.84	6.30	4.87	5.06	6.53	5.68	6.53	-0.12	-2%
NC_233	120	4642	0.19	0.17	0.07	0.19	0.04	0.11	0.09	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_234	45	4553	4.87	5.01	0.43	5.02	2.01	3.56	3.62	4.03	4.19	5.02	4.13	5.02	0.00	0%
NC_235	20	4450	0.35	0.35	0.04	0.35	0.34	0.34	0.35	0.20	0.34	0.30	0.25	0.35	0.00	0%
NC_236	120	4643	0.61	0.55	0.18	0.55	0.00	0.18	0.17	0.53	0.53	0.56	0.57	0.57	0.02	4%
NC_237	90	4605	3.52	3.47	0.27	3.49	1.13	1.97	1.98	3.45	3.53	3.46	2.84	3.53	0.04	1%
NC_238	45	4554	16.62	16.84	1.56	16.99	7.87	12.90	13.26	13.29	13.46	17.12	13.75	17.12	0.13	1%
NC_239	120	4641	3.53	3.60	0.65	3.75	0.78	1.10	1.11	3.01	3.44	3.07	2.28	3.44	-0.31	-8%
NC_240	120	4638	4.77	4.87	0.85	4.89	1.53	3.00	3.04	4.46	4.73	5.13	4.48	5.13	0.24	5%
NC_241	120	4645	0.28	0.26	0.10	0.30	0.19	0.24	0.20	0.22	0.31	0.30	0.27	0.31	0.01	3%
NC_242	120	4642	0.21	0.20	0.07	0.22	0.06	0.13	0.10	0.17	0.22	0.22	0.20	0.22	0.00	0%
NC_243	120	4642	1.24	1.19	0.33	1.22	1.01	1.09	1.10	1.06	1.22	1.28	1.11	1.28	0.06	5%
NC_244	45	4552	16.84	17.16	1.75	17.37	8.42	13.46	13.91	13.22	13.22	17.23	13.85	17.23	-0.14	-1%
NC_245	120	4643	1.04	0.98	0.28	1.01	0.00	0.26	0.26	0.93	0.92	0.91	0.97	0.97	-0.04	-4%
NC_246	20	4450	0.39	0.38	0.05	0.39	0.38	0.37	0.39	0.20	0.36	0.31	0.26	0.39	0.00	0%
NC_247	20	4451	0.31	0.30	0.04	0.31	0.29	0.31	0.30	0.19	0.32	0.29	0.24	0.32	0.01	3%
NC_248	120	4643	0.50	0.50	0.10	0.53	0.09	0.20	0.20	0.45	0.48	0.42	0.47	0.48	-0.05	-9%
NC_249	120	4642	0.72	0.68	0.20	0.69	0.44	0.51	0.48	0.64	0.69	0.67	0.64	0.69	0.00	0%
NC_250	120	4642	0.18	0.16	0.06	0.18	0.01	0.08	0.07	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_251	120	4642	0.18	0.16	0.06	0.17	0.00	0.08	0.07	0.14	0.17	0.18	0.17	0.18	0.01	6%
NC_252	90	4605	3.59	3.55	0.28	3.57	1.11	1.98	1.99	3.52	3.62	3.54	2.90	3.62	0.05	1%
NC_253	120	4642	0.86	0.86	0.20	0.86	0.59	0.71	0.66	0.75	0.86	0.81	0.76	0.86	0.00	0%
NC_254	120	4642	0.18	0.16	0.06	0.17	0.00	0.08	0.07	0.14	0.17	0.18	0.17	0.18	0.01	6%
NC_255	120	4642	0.32	0.29	0.10	0.31	0.00	0.12	0.11	0.26	0.31	0.30	0.29	0.31	0.00	0%
NC_256	120	4642	0.19	0.18	0.07	0.19	0.03	0.11	0.09	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_257	120	4642	0.37	0.33	0.12	0.34	0.07	0.16	0.15	0.31	0.34	0.36	0.35	0.36	0.02	6%
NC_258	90	4602	3.64	3.63	0.11	3.63	1.41	2.38	2.40	3.67	3.64	3.81	3.17	3.81	0.18	5%
NC_259	120	4642	0.21	0.20	0.07	0.22	0.06	0.13	0.10	0.17	0.22	0.22	0.20	0.22	0.00	0%
NC_260	120	4643	9.00	8.98	1.95	9.47	5.61	7.73	8.20	7.29	8.50	8.84	7.72	8.84	-0.63	-7%
NC_261	10	4389	0.39	0.38	0.04	0.38	0.38	0.36	0.39	0.19	0.34	0.29	0.24	0.39	0.01	3%
NC_262	20	4449	2.54	2.51	0.25	2.57	2.30	2.36	2.68	1.85	2.17	2.64	2.26	2.68	0.11	4%
NC_263	270	4717	82.05	80.98	7.18	83.50	15.02	31.57	31.53	79.32	81.37	84.17	78.36	84.17	0.67	1%
NC_264	120	4642	0.18	0.17	0.06	0.18	0.01	0.09	0.08	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_265	20	4450	0.49	0.48	0.06	0.48	0.47	0.47	0.48	0.28	0.47	0.41	0.35	0.48	0.00	0%
NC_266	25	4489	0.69	0.66	0.10	0.66	0.62	0.71	0.68	0.52	0.67	0.76	0.61	0.76	0.10	15%
NC_267	120	4642	0.37	0.35	0.10	0.35	0.00	0.11	0.10	0.33	0.35	0.31	0.33	0.35	0.00	0%
NC_268	180	4676	10.57	10.48	1.64	10.63	2.21	3.49	3.59	10.47	10.64	8.54	11.69	11.69	1.06	10%
NC_269	120	4642	0.31	0.29	0.09	0.29	0.00	0.09	0.09	0.27	0.29	0.27	0.28	0.29	0.00	0%
NC_270	45	4553	0.89	0.93	0.09	0.94	0.32	0.61	0.63	0.78	0.77	0.95	0.81	0.95	0.01	1%
NC_271	90	4605	3.76	3.76	0.08	3.77	1.36	2.32	2.34	3.82	3.85	3.89	3.27	3.89	0.12	3%
NC_272	180	4677	7.89	8.04	0.46	8.13	2.12	3.95	3.95	7.97	8.17	8.21	7.56	8.21	0.08	1%
NC_273	120	4643	0.36	0.34	0.10	0.34	0.00	0.10	0.09	0.32	0.34	0.30	0.32	0.34	0.00	0%
NC_274	90	4605	3.97	3.92	0.34	3.92	1.10	2.09	2.10	3.86	4.00	3.85	3.13	4.00	0.08	2%
NC_275	120	4643	9.06	9.09	1.93	9.58	5.58	7.77	8.24	7.36	8.59	8.95	7.84	8.95	-0.63	-7%
NC_276	20	4446	0.26	0.25	0.04	0.26	0.24	0.26	0.25	0.17	0.28	0.25	0.22	0.28	0.02	8%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_277	120	4643	0.94	0.97	0.19	0.98	0.26	0.56	0.56	0.87	0.91	1.00	0.89	1.00	0.02	2%
NC_278	60	4578	0.24	0.24	0.06	0.27	0.22	0.25	0.23	0.18	0.29	0.26	0.22	0.29	0.02	7%
NC_279	45	4553	9.82	10.10	1.25	10.31	5.90	8.63	9.06	8.09	9.37	10.21	8.81	10.21	-0.10	-1%
NC_280	270	4717	82.03	80.95	7.20	83.47	15.04	31.59	31.55	79.34	81.38	84.16	78.35	84.16	0.69	1%
NC_281	20	4446	0.25	0.25	0.04	0.25	0.23	0.26	0.24	0.17	0.28	0.25	0.22	0.28	0.03	12%
NC_282	120	4642	0.21	0.19	0.07	0.20	0.00	0.09	0.08	0.17	0.20	0.21	0.20	0.21	0.01	5%
NC_283	20	4451	0.51	0.49	0.06	0.49	0.50	0.49	0.51	0.32	0.49	0.48	0.41	0.51	0.02	4%
NC_284	120	4641	0.94	0.96	0.18	1.00	0.06	0.27	0.27	0.86	0.92	0.80	0.89	0.92	-0.08	-8%
NC_285	45	4554	16.86	16.98	1.44	17.10	7.55	12.70	13.01	13.83	14.17	17.55	14.15	17.55	0.45	3%
NC_286	120	4642	0.18	0.16	0.06	0.17	0.00	0.08	0.07	0.14	0.17	0.18	0.17	0.18	0.01	6%
NC_287	270	4717	82.34	81.33	7.06	83.82	15.00	31.54	31.49	79.33	81.38	84.39	78.40	84.39	0.57	1%
NC_288	20	4450	0.48	0.47	0.06	0.47	0.46	0.47	0.47	0.28	0.47	0.42	0.36	0.47	0.00	0%
NC_289	45	4553	1.86	1.90	0.28	2.01	1.52	1.74	1.93	1.41	1.57	1.98	1.65	1.98	-0.03	-1%
NC_290	20	4450	0.32	0.31	0.04	0.31	0.31	0.31	0.31	0.18	0.32	0.28	0.23	0.32	0.01	3%
NC_291	20	4451	0.35	0.35	0.05	0.35	0.33	0.35	0.35	0.22	0.37	0.33	0.28	0.37	0.02	6%
NC_292	120	4642	0.43	0.41	0.12	0.43	0.06	0.17	0.15	0.37	0.43	0.37	0.38	0.43	0.00	0%
NC_293	120	4638	5.70	5.80	0.98	5.82	1.67	3.38	3.41	5.40	5.77	6.11	5.28	6.11	0.29	5%
NC_294	120	4636	1.95	1.98	0.34	2.04	0.11	0.53	0.53	1.82	1.92	1.68	1.81	1.92	-0.12	-6%
NC_295	20	4451	0.31	0.31	0.04	0.31	0.30	0.31	0.31	0.20	0.33	0.29	0.25	0.33	0.02	6%
NC_296	20	4451	0.31	0.30	0.04	0.30	0.29	0.30	0.30	0.19	0.32	0.28	0.24	0.32	0.02	7%
NC_297	60	4581	0.41	0.41	0.09	0.41	0.33	0.36	0.34	0.33	0.42	0.47	0.41	0.47	0.06	15%
NC_298	45	4553	1.88	1.94	0.27	1.97	1.20	1.65	1.78	1.47	1.47	1.97	1.61	1.97	0.00	0%
NC_299	45	4552	22.82	23.21	1.46	23.29	8.07	15.07	15.30	21.57	22.68	25.05	21.11	25.05	1.76	8%
NC_300	20	4450	0.36	0.35	0.04	0.35	0.34	0.35	0.35	0.21	0.35	0.31	0.26	0.35	0.00	0%
NC_301	20	4450	0.65	0.63	0.07	0.63	0.63	0.62	0.63	0.38	0.63	0.58	0.49	0.63	0.00	0%
NC_302	270	4717	82.04	80.95	7.21	83.44	15.09	31.66	31.62	79.39	81.44	84.17	78.39	84.17	0.73	1%
NC_303	45	4551	1.02	1.05	0.14	1.10	0.69	0.93	0.95	0.83	0.86	1.11	0.88	1.11	0.01	1%
NC_304	120	4643	0.70	0.69	0.16	0.73	0.12	0.25	0.26	0.63	0.66	0.60	0.66	0.66	-0.07	-10%
NC_305	20	4446	0.26	0.26	0.04	0.26	0.24	0.27	0.25	0.18	0.29	0.26	0.22	0.29	0.03	12%
NC_306	120	4642	2.37	2.36	0.35	2.37	0.15	0.58	0.57	2.36	2.37	2.07	2.17	2.37	0.00	0%
NC_307	120	4643	0.63	0.60	0.17	0.60	0.21	0.30	0.26	0.56	0.60	0.54	0.56	0.60	0.00	0%
NC_308	120	4642	8.08	8.26	1.24	8.37	1.56	3.75	3.76	7.90	8.37	8.32	7.30	8.37	0.00	0%
NC_309	120	4642	0.52	0.49	0.15	0.49	0.00	0.15	0.14	0.45	0.49	0.44	0.46	0.49	0.00	0%
NC_310	90	4608	4.30	4.27	0.21	4.29	1.79	2.59	2.68	4.30	4.24	4.21	3.55	4.30	0.01	0%
NC_311	45	4553	0.93	0.96	0.15	1.01	0.74	0.89	0.95	0.71	0.81	1.01	0.81	1.01	0.00	0%
NC_312	20	4445	0.60	0.57	0.06	0.58	0.60	0.57	0.61	0.36	0.56	0.54	0.45	0.61	0.03	5%
NC_313	120	4638	5.71	5.84	0.96	5.86	1.63	3.32	3.35	5.48	5.81	6.14	5.28	6.14	0.28	5%
NC_314	120	4642	0.26	0.24	0.09	0.27	0.07	0.15	0.12	0.21	0.27	0.26	0.25	0.27	0.00	0%
NC_315	10	4389	0.97	0.95	0.05	0.96	0.96	0.90	0.98	0.61	0.86	0.91	0.77	0.98	0.02	2%
NC_316	120	4640	2.58	2.61	0.36	2.63	0.28	0.61	0.60	2.63	2.60	2.26	2.34	2.63	0.00	0%
NC_317	20	4451	0.30	0.30	0.04	0.30	0.29	0.30	0.30	0.18	0.31	0.27	0.23	0.31	0.01	3%
NC_318	180	4669	76.85	76.67	6.55	78.94	15.07	31.41	31.37	77.61	79.39	78.94	74.70	79.39	0.45	1%
NC_319	20	4450	0.35	0.34	0.04	0.35	0.34	0.34	0.35	0.19	0.33	0.29	0.24	0.35	0.00	0%
NC_320	120	4641	2.67	2.72	0.36	2.74	0.37	0.62	0.61	2.74	2.71	2.35	2.42	2.74	0.00	0%
NC_321	20	4450	0.38	0.37	0.05	0.37	0.36	0.36	0.37	0.21	0.37	0.32	0.27	0.37	0.00	0%
NC_322	120	4642	0.19	0.18	0.07	0.19	0.04	0.11	0.09	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_323	20	4451	0.68	0.66	0.08	0.66	0.65	0.66	0.67	0.46	0.69	0.65	0.56	0.69	0.03	5%
NC_324	120	4641	4.36	4.37	0.73	4.43	0.68	1.21	1.21	4.24	4.32	3.62	3.87	4.32	-0.11	-2%
NC_325	120	4643	11.31	11.45	0.27	11.45	2.86	5.19	5.19	11.45	11.58	10.99	10.44	11.58	0.13	1%
NC_326	120	4641	4.50	4.52	0.69	4.55	0.65	1.19	1.20	4.39	4.50	3.79	4.00	4.50	-0.05	-1%
NC_327	120	4642	0.32	0.31	0.10	0.32	0.10	0.17	0.13	0.27	0.32	0.30	0.29	0.32	0.00	0%
NC_328	20	4446	0.29	0.28	0.04	0.28	0.27	0.28	0.28	0.18	0.30	0.27	0.23	0.30	0.02	7%
NC_329	20	4450	0.35	0.34	0.04	0.34	0.33	0.34	0.34	0.21	0.35	0.31	0.26	0.35	0.01	3%
NC_330	20	4451	0.30	0.30	0.04	0.30	0.29	0.30	0.29	0.18	0.31	0.27	0.23	0.31	0.01	3%
NC_331	120	4638	6.11	6.28	0.99	6.28	1.62	3.39	3.41	6.00	6.28	6.54	5.63	6.54	0.26	4%
NC_332	10	4389	0.98	0.96	0.07	0.97	0.97	0.93	0.99	0.66	0.90	0.94	0.81	0.99	0.02	2%
NC_333	45	4553	2.21	2.31	0.32	2.40	1.36	1.93	2.04	1.79	1.78	2.37	1.91	2.37	-0.03	-1%
NC_334	20	4451	0.30	0.30	0.04	0.30	0.29	0.30	0.30	0.19	0.32	0.28	0.24	0.32	0.02	7%
NC_335	120	4642	0.18	0.16	0.06	0.18	0.01	0.08	0.07	0.14	0.18	0.18	0.17	0.18	0.00	0%
NC_336	120	4642	0.18	0.16	0.06	0.18	0.01	0.08	0.07	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_337	20	4450	0.42	0.40	0.05	0.41	0.40	0.40	0.41	0.23	0.40	0.35	0.30	0.41	0.00	0%
NC_338	120	4642	0.20	0.19	0.07	0.20	0.01	0.09	0.08	0.17	0.20	0.20	0.19	0.20	0.00	0%
NC_339	45	4553	0.59	0.60	0.08	0.63	0.54	0.56	0.61	0.44	0.54	0.63	0.53	0.63	0.00	0%
NC_340	120	4645	0.21	0.19	0.07	0.22	0.12	0.17	0.13	0.16	0.23	0.22	0.20	0.23	0.01	5%
NC_341	120	4643	11.27	11.41	0.30	11.41	2.85	5.19	5.19	11.41	11.54	11.00	10.42	11.54	0.13	1%
NC_342	20	4449	1.79	1.73	0.17	1.73	1.77	1.70	1.84	1.19	1.57	1.75	1.49	1.84	0.11	6%
NC_343	120	4642	0.41	0.37	0.13	0.39	0.08	0.18	0.17	0.35	0.39	0.41	0.39	0.41	0.02	5%
NC_344	20	4451	0.60	0.58	0.07	0.58	0.60	0.58	0.61	0.38	0.58	0.57	0.48	0.61	0.03	5%
NC_345	120	4642	0.18	0.16	0.06	0.17	0.00	0.08	0.07	0.14	0.17	0.18	0.17	0.18	0.01	6%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min		m^3/s	%
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740			
NC_346	20	4445	1.68	1.61	0.16	1.61	1.66	1.57	1.72	1.13	1.53	1.67	1.42	1.72	0.11	7%
NC_347	20	4450	0.34	0.33	0.04	0.34	0.33	0.33	0.34	0.19	0.33	0.28	0.24	0.34	0.00	0%
NC_348	120	4643	0.33	0.30	0.09	0.31	0.01	0.09	0.09	0.29	0.30	0.28	0.29	0.30	-0.01	-3%
NC_349	120	4643	0.47	0.46	0.12	0.47	0.08	0.18	0.16	0.41	0.46	0.38	0.42	0.46	-0.01	-2%
NC_350	120	4636	4.74	4.75	0.67	4.77	0.88	1.34	1.37	4.68	4.73	4.01	4.21	4.73	-0.04	-1%
NC_351	120	4642	0.31	0.29	0.09	0.30	0.06	0.13	0.11	0.27	0.30	0.28	0.28	0.30	0.00	0%
NC_352	120	4643	0.57	0.57	0.12	0.60	0.14	0.23	0.20	0.51	0.55	0.46	0.53	0.55	-0.05	-8%
NC_353	20	4450	0.54	0.55	0.07	0.55	0.51	0.56	0.55	0.38	0.53	0.56	0.45	0.56	0.01	2%
NC_354	120	4642	8.01	8.19	1.24	8.30	1.57	3.76	3.77	7.80	8.30	8.24	7.23	8.30	0.00	0%
NC_355	180	4669	76.85	76.66	6.55	78.92	15.07	31.42	31.38	77.61	79.39	78.92	74.70	79.39	0.47	1%
NC_356	120	4636	5.21	5.20	0.45	5.26	1.19	1.99	2.07	5.13	5.11	4.64	4.09	5.13	-0.13	-2%
NC_357	20	4450	0.37	0.36	0.04	0.37	0.36	0.36	0.37	0.20	0.35	0.31	0.26	0.37	0.00	0%
NC_358	120	4643	2.31	2.20	0.59	2.28	0.07	0.61	0.60	2.08	2.06	2.03	2.19	2.19	-0.09	-4%
NC_359	10	4389	0.59	0.59	0.04	0.59	0.59	0.56	0.60	0.39	0.55	0.58	0.50	0.60	0.01	2%
NC_360	120	4642	0.44	0.40	0.14	0.41	0.01	0.14	0.14	0.38	0.41	0.41	0.41	0.41	0.00	0%
NC_361	120	4642	0.65	0.61	0.19	0.64	0.40	0.49	0.44	0.56	0.64	0.64	0.58	0.64	0.00	0%
NC_362	180	4669	76.85	76.64	6.55	78.89	15.08	31.42	31.39	77.62	79.39	78.89	74.71	79.39	0.50	1%
NC_363	120	4642	0.20	0.19	0.07	0.21	0.03	0.11	0.09	0.17	0.21	0.21	0.19	0.21	0.00	0%
NC_364	20	4450	0.31	0.30	0.04	0.30	0.30	0.30	0.30	0.18	0.31	0.27	0.23	0.31	0.01	3%
NC_365	120	4643	0.47	0.46	0.11	0.48	0.03	0.12	0.11	0.42	0.44	0.39	0.43	0.44	-0.04	-8%
NC_366	20	4450	0.46	0.45	0.06	0.45	0.44	0.45	0.45	0.28	0.46	0.41	0.35	0.46	0.01	2%
NC_367	120	4643	0.35	0.33	0.10	0.33	0.02	0.11	0.11	0.31	0.33	0.31	0.32	0.33	0.00	0%
NC_368	120	4643	2.31	2.12	0.67	2.16	0.07	0.70	0.68	2.05	1.99	2.12	2.19	2.19	0.03	1%
NC_369	120	4642	0.19	0.18	0.07	0.19	0.01	0.09	0.08	0.16	0.19	0.20	0.18	0.20	0.01	5%
NC_370	20	4451	0.30	0.30	0.04	0.30	0.29	0.30	0.30	0.19	0.32	0.28	0.24	0.32	0.02	7%
NC_371	120	4642	0.99	0.89	0.31	0.89	0.08	0.35	0.34	0.87	0.89	0.94	0.94	0.94	0.05	6%
NC_372	180	4669	76.85	76.63	6.55	78.86	15.08	31.43	31.39	77.62	79.40	78.86	74.71	79.40	0.54	1%
NC_373	20	4450	0.33	0.32	0.04	0.33	0.32	0.32	0.33	0.18	0.32	0.28	0.23	0.33	0.00	0%
NC_374	120	4642	0.41	0.38	0.12	0.40	0.01	0.15	0.14	0.34	0.40	0.37	0.37	0.40	0.00	0%
NC_375	120	4641	2.90	2.89	0.38	2.95	0.37	1.01	1.01	2.79	2.83	2.43	2.60	2.83	-0.12	-4%
NC_376	20	4450	0.36	0.35	0.04	0.36	0.35	0.35	0.36	0.21	0.36	0.31	0.26	0.36	0.00	0%
NC_377	120	4636	5.41	5.43	0.76	5.48	1.28	1.96	2.03	5.32	5.38	4.55	4.80	5.38	-0.10	-2%
NC_378	120	4642	0.20	0.19	0.07	0.21	0.07	0.14	0.10	0.16	0.21	0.21	0.19	0.21	0.00	0%
NC_379	20	4450	0.40	0.39	0.05	0.39	0.38	0.38	0.39	0.21	0.37	0.32	0.27	0.39	0.00	0%
NC_380	120	4643	2.19	1.99	0.64	2.02	0.07	0.67	0.66	1.93	1.91	2.01	2.05	2.05	0.03	1%
NC_381	120	4636	5.31	5.29	0.45	5.33	1.18	2.07	2.12	5.26	5.23	4.70	4.18	5.26	-0.07	-1%
NC_382	20	4446	0.25	0.24	0.03	0.24	0.23	0.25	0.24	0.18	0.28	0.26	0.22	0.28	0.04	17%
NC_383	120	4642	0.49	0.46	0.17	0.50	0.27	0.34	0.28	0.40	0.50	0.51	0.47	0.51	0.01	2%
NC_384	120	4642	0.24	0.22	0.08	0.24	0.03	0.12	0.10	0.19	0.24	0.24	0.22	0.24	0.00	0%
NC_385	270	4715	12.12	11.52	2.09	11.86	4.40	7.28	7.49	11.27	11.22	10.47	13.60	13.60	1.74	15%
NC_386	10	4389	0.38	0.37	0.04	0.37	0.37	0.36	0.38	0.19	0.34	0.29	0.24	0.38	0.01	3%
NC_387	120	4645	0.26	0.24	0.09	0.27	0.18	0.23	0.19	0.20	0.29	0.27	0.24	0.29	0.02	7%
NC_388	120	4642	0.32	0.30	0.10	0.32	0.00	0.12	0.11	0.27	0.32	0.30	0.30	0.32	0.00	0%
NC_389	120	4643	1.24	1.17	0.33	1.19	0.34	0.52	0.51	1.09	1.15	1.14	1.10	1.15	-0.04	-3%
NC_390	120	4642	0.22	0.20	0.07	0.22	0.00	0.09	0.08	0.18	0.22	0.22	0.21	0.22	0.00	0%
NC_391	20	4451	0.88	0.85	0.09	0.86	0.86	0.86	0.88	0.63	0.89	0.91	0.80	0.91	0.05	6%
NC_392	120	4642	0.20	0.19	0.07	0.20	0.00	0.09	0.08	0.17	0.20	0.20	0.19	0.20	0.00	0%
NC_393	10	4389	1.10	1.08	0.08	1.09	1.09	0.99	1.10	0.57	0.90	0.88	0.73	1.10	0.01	1%
NC_394	180	4669	76.84	76.39	6.62	78.45	15.28	31.70	31.66	77.77	79.54	78.45	74.67	79.54	1.09	1%
NC_395	20	4451	0.30	0.29	0.04	0.29	0.28	0.29	0.29	0.18	0.30	0.27	0.23	0.30	0.01	3%
NC_396	120	4643	1.05	0.96	0.30	0.98	0.01	0.30	0.30	0.92	0.93	0.94	0.97	0.97	-0.01	-1%
NC_397	45	4552	1.80	1.82	0.11	1.83	1.24	1.62	1.66	1.57	1.58	1.83	1.63	1.83	0.00	0%
NC_398	120	4642	0.18	0.17	0.06	0.18	0.01	0.09	0.08	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_399	180	4669	76.85	76.62	6.55	78.84	15.08	31.44	31.40	77.62	79.40	78.84	74.70	79.40	0.56	1%
NC_400	10	4389	0.37	0.35	0.03	0.36	0.36	0.35	0.36	0.18	0.33	0.29	0.24	0.36	0.00	0%
NC_401	120	4640	5.90	5.91	0.52	5.92	2.14	2.96	2.88	5.92	5.83	5.06	4.72	5.92	0.00	0%
NC_402	20	4451	0.78	0.75	0.08	0.75	0.76	0.75	0.79	0.48	0.70	0.72	0.60	0.79	0.04	5%
NC_403	180	4669	76.80	76.42	6.58	78.52	15.17	31.54	31.50	77.66	79.43	78.52	74.65	79.43	0.91	1%
NC_404	180	4669	76.84	76.60	6.55	78.81	15.09	31.44	31.40	77.63	79.40	78.81	74.69	79.40	0.59	1%
NC_405	120	4642	0.18	0.17	0.06	0.19	0.04	0.11	0.09	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_406	10	4389	1.54	1.52	0.10	1.53	1.53	1.42	1.54	0.90	1.32	1.36	1.13	1.54	0.01	1%
NC_407	20	4451	0.30	0.30	0.04	0.30	0.28	0.30	0.29	0.19	0.31	0.28	0.24	0.31	0.01	3%
NC_408	120	4643	1.10	1.05	0.29	1.05	0.27	0.48	0.45	0.96	1.05	1.01	0.96	1.05	0.00	0%
NC_409	20	4450	0.40	0.39	0.05	0.40	0.39	0.38	0.40	0.21	0.37	0.32	0.27	0.40	0.00	0%
NC_410	60	4574	0.51	0.50	0.10	0.51	0.48	0.50	0.50	0.40	0.55	0.56	0.49	0.56	0.05	10%
NC_411	20	4449	1.10	1.07	0.11	1.08	1.08	1.06	1.14	0.69	0.94	1.04	0.86	1.14	0.06	6%
NC_412	20	4450	0.58	0.56	0.07	0.57	0.55	0.57	0.57	0.42	0.61	0.60	0.52	0.61	0.04	7%
NC_413	20	4450	0.38	0.37	0.05	0.38	0.37	0.36	0.38	0.20	0.36	0.31	0.26	0.38	0.00	0%
NC_414	20	4450	0.31	0.30	0.04	0.30	0.29	0.30	0.30	0.18	0.31	0.27	0.23	0.31	0.01	3%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_415	20	4450	0.47	0.46	0.05	0.47	0.46	0.45	0.47	0.25	0.43	0.38	0.32	0.47	0.00	0%
NC_416	20	4450	0.45	0.44	0.05	0.45	0.44	0.43	0.45	0.24	0.42	0.37	0.31	0.45	0.00	0%
NC_417	120	4642	0.78	0.77	0.21	0.81	0.54	0.68	0.60	0.67	0.81	0.81	0.66	0.81	0.00	0%
NC_418	10	4389	0.44	0.42	0.04	0.43	0.43	0.41	0.44	0.21	0.39	0.33	0.27	0.44	0.01	2%
NC_419	45	4553	1.38	1.41	0.20	1.46	1.16	1.33	1.46	0.99	1.15	1.44	1.14	1.46	0.00	0%
NC_420	20	4450	0.35	0.34	0.04	0.34	0.33	0.33	0.34	0.19	0.33	0.28	0.24	0.34	0.00	0%
NC_421	120	4643	0.57	0.56	0.13	0.59	0.09	0.21	0.21	0.51	0.53	0.50	0.53	0.53	-0.06	-10%
NC_422	180	4669	76.60	75.95	6.66	77.82	15.33	31.74	31.70	77.66	79.42	77.82	74.42	79.42	1.60	2%
NC_423	20	4450	0.34	0.33	0.04	0.34	0.33	0.33	0.34	0.19	0.34	0.29	0.25	0.34	0.00	0%
NC_424	120	4643	1.75	1.63	0.50	1.65	0.19	0.69	0.70	1.57	1.49	1.67	1.71	1.71	0.06	4%
NC_425	120	4642	0.37	0.33	0.12	0.34	0.01	0.13	0.13	0.32	0.34	0.36	0.35	0.36	0.02	6%
NC_426	20	4450	0.33	0.32	0.04	0.32	0.31	0.32	0.32	0.19	0.32	0.28	0.24	0.32	0.00	0%
NC_427	20	4445	1.60	1.54	0.14	1.55	1.59	1.49	1.65	0.98	1.31	1.48	1.24	1.65	0.10	6%
NC_428	20	4449	0.43	0.44	0.06	0.44	0.40	0.45	0.44	0.30	0.43	0.45	0.36	0.45	0.01	2%
NC_429	20	4450	0.32	0.31	0.04	0.32	0.31	0.31	0.32	0.18	0.32	0.27	0.23	0.32	0.00	0%
NC_430	10	4389	0.62	0.60	0.06	0.61	0.61	0.55	0.61	0.27	0.49	0.42	0.34	0.61	0.00	0%
NC_431	120	4642	0.20	0.19	0.07	0.22	0.09	0.15	0.11	0.16	0.22	0.22	0.19	0.22	0.00	0%
NC_432	20	4449	1.41	1.38	0.14	1.41	1.35	1.36	1.47	0.88	1.14	1.33	1.09	1.47	0.06	4%
NC_433	45	4549	0.91	0.94	0.13	1.00	0.75	0.90	0.89	0.71	0.82	1.02	0.81	1.02	0.02	2%
NC_434	120	4642	0.18	0.16	0.06	0.17	0.00	0.08	0.07	0.14	0.17	0.18	0.17	0.18	0.01	6%
NC_435	10	4389	0.41	0.40	0.04	0.40	0.40	0.38	0.41	0.20	0.36	0.31	0.25	0.41	0.01	2%
NC_436	45	4553	1.46	1.51	0.20	1.55	0.88	1.30	1.36	1.10	1.08	1.49	1.16	1.49	-0.06	-4%
NC_437	180	4669	76.65	75.97	6.68	77.84	15.40	31.83	31.79	77.74	79.49	77.84	74.44	79.49	1.65	2%
NC_438	10	4389	0.74	0.73	0.06	0.74	0.74	0.67	0.75	0.37	0.61	0.58	0.48	0.75	0.01	1%
NC_439	120	4642	0.18	0.16	0.06	0.17	0.00	0.08	0.07	0.14	0.17	0.18	0.17	0.18	0.01	6%
NC_440	120	4642	1.46	1.39	0.38	1.41	1.09	1.34	1.33	1.28	1.41	1.58	1.29	1.58	0.17	12%
NC_441	120	4642	0.45	0.41	0.16	0.45	0.30	0.36	0.32	0.37	0.45	0.49	0.44	0.49	0.04	9%
NC_442	60	4578	0.27	0.27	0.06	0.29	0.23	0.27	0.24	0.20	0.31	0.28	0.25	0.31	0.02	7%
NC_443	120	4640	7.49	7.24	1.02	7.31	4.07	5.39	5.69	7.31	7.14	6.47	6.17	7.31	0.00	0%
NC_444	20	4450	0.48	0.48	0.07	0.49	0.45	0.50	0.49	0.34	0.47	0.50	0.40	0.50	0.01	2%
NC_445	120	4642	0.21	0.19	0.07	0.21	0.01	0.10	0.09	0.17	0.21	0.21	0.20	0.21	0.00	0%
NC_446	10	4389	1.05	1.04	0.06	1.04	1.04	0.95	1.07	0.55	0.82	0.85	0.70	1.07	0.03	3%
NC_447	20	4451	0.61	0.59	0.07	0.60	0.59	0.60	0.61	0.44	0.62	0.64	0.55	0.64	0.04	7%
NC_448	120	4643	1.23	1.15	0.34	1.18	0.00	0.33	0.32	1.09	1.08	1.08	1.14	1.14	-0.04	-3%
NC_449	45	4553	1.44	1.50	0.20	1.56	0.92	1.31	1.37	1.14	1.14	1.53	1.20	1.53	-0.03	-2%
NC_450	120	4643	1.46	1.35	0.43	1.36	0.19	0.60	0.62	1.31	1.24	1.41	1.43	1.43	0.07	5%
NC_451	120	4643	1.32	1.21	0.40	1.21	0.21	0.57	0.58	1.18	1.11	1.29	1.29	1.29	0.08	7%
NC_452	180	4676	2.57	2.52	0.24	2.53	0.31	0.61	0.61	2.54	2.57	2.24	2.72	2.72	0.19	8%
NC_453	20	4451	0.52	0.50	0.06	0.52	0.50	0.52	0.52	0.38	0.53	0.52	0.44	0.53	0.01	2%
NC_454	120	4642	0.48	0.46	0.13	0.46	0.13	0.24	0.21	0.42	0.46	0.43	0.42	0.46	0.00	0%
NC_455	120	4643	0.78	0.72	0.22	0.74	0.00	0.22	0.21	0.69	0.70	0.69	0.71	0.71	-0.03	-4%
NC_456	10	4389	0.92	0.90	0.07	0.91	0.91	0.82	0.92	0.43	0.71	0.68	0.55	0.92	0.01	1%
NC_457	180	4669	76.68	75.99	6.70	77.87	15.44	31.89	31.85	77.78	79.54	77.87	74.46	79.54	1.67	2%
NC_458	120	4642	24.11	24.20	1.26	24.33	7.47	12.54	12.70	24.44	24.33	21.24	25.13	25.13	0.80	3%
NC_459	10	4389	0.41	0.40	0.04	0.40	0.40	0.38	0.41	0.19	0.35	0.30	0.24	0.41	0.01	2%
NC_460	10	4389	0.40	0.38	0.04	0.39	0.39	0.37	0.40	0.19	0.35	0.30	0.25	0.40	0.01	3%
NC_461	20	4451	1.15	1.17	0.12	1.17	0.99	1.17	1.17	0.70	0.91	1.10	0.81	1.17	0.00	0%
NC_462	10	4389	0.90	0.88	0.06	0.89	0.89	0.84	0.90	0.57	0.82	0.85	0.72	0.90	0.01	1%
NC_463	10	4389	1.20	1.18	0.06	1.19	1.19	1.09	1.22	0.65	0.94	0.99	0.82	1.22	0.03	3%
NC_464	120	4645	0.20	0.19	0.07	0.21	0.09	0.15	0.11	0.16	0.21	0.21	0.19	0.21	0.00	0%
NC_465	10	4389	0.83	0.82	0.07	0.82	0.82	0.78	0.84	0.47	0.73	0.71	0.59	0.84	0.02	2%
NC_466	120	4636	10.97	11.00	1.06	11.10	4.72	7.74	7.76	10.34	10.90	11.22	9.71	11.22	0.12	1%
NC_467	120	4642	0.18	0.16	0.06	0.17	0.00	0.08	0.07	0.14	0.17	0.18	0.17	0.18	0.01	6%
NC_468	20	4450	0.45	0.44	0.05	0.45	0.44	0.44	0.45	0.26	0.44	0.40	0.33	0.45	0.00	0%
NC_469	45	4553	0.71	0.74	0.10	0.78	0.55	0.69	0.69	0.55	0.65	0.79	0.63	0.79	0.01	1%
NC_470	45	4553	1.51	1.57	0.15	1.62	0.80	1.21	1.27	1.35	1.38	1.59	1.35	1.59	-0.03	-2%
NC_471	10	4389	0.40	0.39	0.04	0.39	0.39	0.37	0.40	0.19	0.35	0.30	0.25	0.40	0.01	3%
NC_472	120	4642	0.33	0.30	0.10	0.32	0.11	0.19	0.17	0.28	0.32	0.33	0.30	0.33	0.01	3%
NC_473	20	4450	0.40	0.39	0.05	0.40	0.39	0.38	0.40	0.21	0.37	0.32	0.27	0.40	0.00	0%
NC_474	120	4642	0.18	0.16	0.06	0.17	0.00	0.08	0.07	0.14	0.17	0.18	0.17	0.18	0.01	6%
NC_475	10	4389	0.43	0.42	0.04	0.42	0.42	0.39	0.43	0.19	0.36	0.30	0.25	0.43	0.01	2%
NC_476	120	4645	0.21	0.20	0.08	0.23	0.15	0.19	0.16	0.17	0.24	0.23	0.20	0.24	0.01	4%
NC_477	20	4451	0.30	0.29	0.04	0.30	0.28	0.30	0.29	0.18	0.31	0.27	0.23	0.31	0.01	3%
NC_478	10	4389	0.77	0.75	0.06	0.76	0.76	0.70	0.77	0.38	0.62	0.59	0.48	0.77	0.01	1%
NC_479	10	4389	1.24	1.22	0.06	1.23	1.23	1.12	1.27	0.61	0.92	0.96	0.78	1.27	0.04	3%
NC_480	10	4389	0.74	0.72	0.07	0.73	0.73	0.67	0.74	0.32	0.58	0.50	0.41	0.74	0.01	1%
NC_481	120	4643	0.37	0.34	0.10	0.35	0.00	0.10	0.10	0.32	0.34	0.31	0.32	0.34	-0.01	-3%
NC_482	10	4389	0.84	0.82	0.07	0.83	0.83	0.77	0.85	0.41	0.68	0.64	0.53	0.85	0.02	2%
NC_483	120	4636	11.72	11.73	1.13	11.75	4.80	8.01	8.02	11.12	11.70	12.01	10.30	12.01	0.26	2%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min		m^3/s	%
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740			
NC_484	120	4644	2.43	2.49	0.22	2.50	0.65	1.23	1.23	2.49	2.56	2.45	1.97	2.56	0.06	2%
NC_485	120	4643	2.65	2.66	0.46	2.79	1.34	2.08	2.17	2.37	2.52	2.73	2.34	2.73	-0.06	-2%
NC_486	20	4450	0.44	0.43	0.05	0.44	0.43	0.42	0.44	0.25	0.42	0.37	0.31	0.44	0.00	0%
NC_487	10	4389	0.58	0.56	0.05	0.56	0.57	0.52	0.56	0.22	0.42	0.35	0.29	0.57	0.01	2%
NC_488	360	4737	2.70	2.63	0.52	2.91	0.42	0.73	0.74	2.60	2.64	2.35	2.93	2.93	0.02	1%
NC_489	20	4450	0.48	0.47	0.06	0.48	0.47	0.46	0.48	0.27	0.46	0.41	0.35	0.48	0.00	0%
NC_490	10	4389	0.55	0.53	0.05	0.53	0.53	0.49	0.54	0.23	0.42	0.36	0.29	0.54	0.01	2%
NC_491	10	4389	0.58	0.56	0.05	0.56	0.57	0.52	0.56	0.23	0.43	0.36	0.30	0.57	0.01	2%
NC_492	120	4640	12.76	12.76	1.40	12.85	3.75	6.75	6.85	12.85	12.68	11.69	11.14	12.85	0.00	0%
NC_493	10	4389	0.66	0.65	0.05	0.65	0.65	0.62	0.67	0.38	0.59	0.57	0.48	0.67	0.02	3%
NC_494	10	4389	0.74	0.72	0.06	0.73	0.73	0.68	0.74	0.37	0.61	0.58	0.48	0.74	0.01	1%
NC_495	20	4446	0.26	0.26	0.04	0.26	0.24	0.27	0.25	0.18	0.29	0.26	0.23	0.29	0.03	12%
NC_496	10	4389	0.38	0.37	0.04	0.37	0.37	0.36	0.38	0.19	0.34	0.29	0.24	0.38	0.01	3%
NC_497	120	4643	0.35	0.33	0.10	0.34	0.00	0.09	0.09	0.31	0.32	0.30	0.32	0.32	-0.02	-6%
NC_498	20	4450	0.46	0.45	0.05	0.46	0.45	0.44	0.46	0.25	0.43	0.37	0.31	0.46	0.00	0%
NC_499	120	4642	24.19	24.27	1.25	24.40	7.49	12.55	12.70	24.52	24.40	21.36	25.22	25.22	0.82	3%
NC_500	120	4638	0.78	0.69	0.25	0.70	0.22	0.40	0.42	0.69	0.66	0.79	0.77	0.79	0.09	13%
NC_501	10	4389	1.22	1.21	0.06	1.22	1.22	1.12	1.26	0.63	0.94	0.98	0.80	1.26	0.04	3%
NC_502	180	4669	76.72	76.00	6.71	77.89	15.49	31.94	31.91	77.83	79.58	77.89	74.49	79.58	1.69	2%
NC_503	10	4389	1.01	0.99	0.07	1.00	1.00	0.88	1.00	0.41	0.69	0.65	0.53	1.00	0.00	0%
NC_504	120	4642	0.58	0.51	0.20	0.52	0.24	0.34	0.34	0.49	0.52	0.61	0.58	0.61	0.09	17%
NC_505	20	4450	0.46	0.45	0.06	0.46	0.43	0.47	0.46	0.35	0.47	0.48	0.41	0.48	0.02	4%
NC_506	120	4642	2.39	2.42	0.23	2.45	0.68	1.25	1.26	2.40	2.45	2.41	1.91	2.45	0.00	0%
NC_507	10	4389	1.89	1.88	0.09	1.89	1.89	1.68	1.93	0.90	1.35	1.43	1.16	1.93	0.04	2%
NC_508	120	4642	0.36	0.34	0.12	0.35	0.20	0.30	0.28	0.31	0.35	0.41	0.35	0.41	0.06	17%
NC_509	120	4642	0.36	0.32	0.12	0.33	0.00	0.12	0.12	0.31	0.33	0.35	0.34	0.35	0.02	6%
NC_510	10	4389	1.20	1.19	0.06	1.19	1.19	1.10	1.23	0.61	0.92	0.96	0.78	1.23	0.04	3%
NC_511	10	4389	0.73	0.72	0.06	0.72	0.72	0.67	0.73	0.37	0.60	0.57	0.47	0.73	0.01	1%
NC_512	20	4450	0.47	0.46	0.05	0.47	0.46	0.45	0.47	0.25	0.43	0.38	0.32	0.47	0.00	0%
NC_513	10	4389	1.09	1.08	0.06	1.08	1.08	0.97	1.10	0.52	0.80	0.82	0.67	1.10	0.02	2%
NC_514	10	4389	0.67	0.65	0.06	0.66	0.66	0.60	0.66	0.27	0.51	0.43	0.35	0.66	0.00	0%
NC_515	120	4643	0.55	0.49	0.17	0.50	0.00	0.16	0.16	0.49	0.48	0.52	0.52	0.52	0.02	4%
NC_516	10	4389	1.17	1.16	0.05	1.16	1.16	1.05	1.20	0.58	0.85	0.91	0.74	1.20	0.04	3%
NC_517	120	4642	0.23	0.21	0.07	0.23	0.00	0.09	0.09	0.19	0.23	0.22	0.22	0.23	0.00	0%
NC_518	20	4445	1.49	1.44	0.13	1.45	1.47	1.38	1.55	0.78	1.09	1.24	1.00	1.55	0.10	7%
NC_519	180	4669	76.73	75.98	6.72	77.84	15.53	32.00	31.96	77.87	79.62	77.84	74.48	79.62	1.78	2%
NC_520	120	4642	24.20	24.27	1.25	24.39	7.38	12.54	12.68	24.51	24.39	21.40	25.23	25.23	0.84	3%
NC_521	120	4642	0.18	0.16	0.06	0.18	0.00	0.08	0.07	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_522	10	4389	1.04	1.02	0.08	1.03	1.03	0.97	1.06	0.53	0.85	0.82	0.67	1.06	0.03	3%
NC_523	10	4389	0.88	0.87	0.07	0.88	0.88	0.79	0.89	0.41	0.68	0.65	0.53	0.89	0.01	1%
NC_524	120	4640	12.75	12.78	1.38	12.85	3.66	6.65	6.74	12.85	12.71	11.73	11.19	12.85	0.00	0%
NC_525	120	4642	0.47	0.44	0.13	0.44	0.14	0.29	0.28	0.42	0.44	0.48	0.43	0.48	0.04	9%
NC_526	120	4641	9.57	9.33	1.70	9.79	6.75	8.64	9.14	8.87	8.78	9.58	7.98	9.58	-0.21	-2%
NC_527	120	4643	0.57	0.57	0.13	0.58	0.12	0.27	0.26	0.52	0.55	0.55	0.53	0.55	-0.03	-5%
NC_528	120	4636	1.03	1.04	0.17	1.04	0.16	0.36	0.36	0.97	1.03	0.95	0.94	1.03	-0.01	-1%
NC_529	120	4642	1.10	1.10	0.16	1.11	0.23	0.36	0.36	1.09	1.11	1.02	0.99	1.11	0.00	0%
NC_530	10	4389	0.43	0.42	0.04	0.42	0.42	0.41	0.43	0.22	0.40	0.34	0.28	0.43	0.01	2%
NC_531	20	4450	0.36	0.35	0.04	0.36	0.35	0.35	0.36	0.20	0.35	0.31	0.26	0.36	0.00	0%
NC_532	180	4669	76.78	75.99	6.74	77.84	15.60	32.09	32.05	77.94	79.69	77.84	74.50	79.69	1.85	2%
NC_533	10	4389	0.43	0.42	0.04	0.42	0.42	0.39	0.43	0.19	0.36	0.30	0.25	0.43	0.01	2%
NC_534	120	4643	0.87	0.87	0.19	0.90	0.22	0.37	0.37	0.79	0.82	0.81	0.80	0.82	-0.08	-9%
NC_535	120	4638	76.79	78.16	4.30	78.34	15.65	32.15	32.11	77.98	79.73	77.75	74.50	79.73	1.39	2%
NC_536	120	4636	0.95	0.97	0.18	1.00	0.16	0.36	0.36	0.87	0.93	0.88	0.88	0.93	-0.07	-7%
NC_537	10	4389	0.46	0.45	0.04	0.45	0.45	0.42	0.45	0.19	0.36	0.30	0.25	0.45	0.00	0%
NC_538	20	4449	1.62	1.57	0.15	1.57	1.59	1.52	1.70	0.87	1.22	1.36	1.10	1.70	0.13	8%
NC_539	120	4640	12.73	12.80	1.37	12.82	3.58	6.55	6.64	12.82	12.79	11.76	11.23	12.82	0.00	0%
NC_540	10	4389	0.41	0.40	0.04	0.40	0.40	0.38	0.41	0.19	0.35	0.30	0.24	0.41	0.01	2%
NC_541	90	4607	2.36	2.33	0.20	2.34	0.78	1.30	1.32	2.28	2.39	2.32	1.86	2.39	0.05	2%
NC_542	10	4389	0.41	0.39	0.04	0.40	0.40	0.37	0.40	0.19	0.35	0.30	0.24	0.40	0.00	0%
NC_543	20	4449	1.88	1.85	0.17	1.89	1.78	1.79	1.98	1.02	1.38	1.62	1.28	1.98	0.09	5%
NC_544	120	4645	0.27	0.25	0.09	0.28	0.15	0.21	0.17	0.21	0.29	0.28	0.25	0.29	0.01	4%
NC_545	120	4642	0.41	0.39	0.13	0.42	0.26	0.35	0.30	0.34	0.42	0.45	0.39	0.45	0.03	7%
NC_546	120	4642	0.25	0.23	0.08	0.25	0.02	0.12	0.10	0.20	0.25	0.24	0.23	0.25	0.00	0%
NC_547	120	4642	0.18	0.17	0.06	0.19	0.03	0.11	0.08	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_548	10	4389	0.46	0.46	0.02	0.46	0.46	0.42	0.47	0.22	0.34	0.36	0.29	0.47	0.01	2%
NC_549	20	4451	0.30	0.29	0.04	0.29	0.28	0.29	0.29	0.18	0.30	0.27	0.22	0.30	0.01	3%
NC_550	120	4642	0.39	0.36	0.14	0.40	0.24	0.30	0.25	0.32	0.40	0.42	0.38	0.42	0.02	5%
NC_551	120	4642	0.60	0.53	0.20	0.54	0.22	0.34	0.34	0.51	0.54	0.62	0.58	0.62	0.08	15%
NC_552	20	4451	0.63	0.60	0.07	0.60	0.62	0.60	0.63	0.39	0.60	0.59	0.49	0.63	0.03	5%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_553	20	4450	0.54	0.55	0.07	0.55	0.51	0.56	0.55	0.37	0.51	0.55	0.44	0.56	0.01	2%
NC_554	120	4642	0.19	0.18	0.06	0.19	0.00	0.08	0.08	0.16	0.19	0.19	0.18	0.19	0.00	0%
NC_555	20	4445	3.32	3.23	0.29	3.26	3.26	3.08	3.49	1.78	2.53	2.80	2.26	3.49	0.23	7%
NC_556	120	4645	0.20	0.19	0.07	0.22	0.11	0.16	0.12	0.16	0.22	0.22	0.19	0.22	0.00	0%
NC_557	20	4450	0.38	0.37	0.05	0.38	0.37	0.37	0.38	0.22	0.37	0.33	0.27	0.38	0.00	0%
NC_558	120	4642	12.96	13.20	1.32	13.26	3.55	6.55	6.63	13.13	13.26	12.09	11.58	13.26	0.00	0%
NC_559	20	4449	3.58	3.52	0.30	3.52	3.43	3.28	3.78	1.95	2.62	3.06	2.44	3.78	0.26	7%
NC_560	360	4740	2.87	2.85	0.54	3.10	0.33	0.75	0.75	2.68	2.75	2.45	3.10	3.10	0.00	0%
NC_561	20	4449	4.16	4.14	0.35	4.17	3.88	3.83	4.42	2.30	2.96	3.59	2.89	4.42	0.25	6%
NC_562	10	4389	0.77	0.75	0.07	0.76	0.76	0.70	0.77	0.34	0.62	0.54	0.44	0.77	0.01	1%
NC_563	20	4450	0.49	0.48	0.06	0.49	0.48	0.47	0.49	0.26	0.46	0.40	0.34	0.49	0.00	0%
NC_564	20	4450	0.55	0.56	0.07	0.56	0.52	0.56	0.56	0.35	0.51	0.53	0.42	0.56	0.00	0%
NC_565	10	4389	0.43	0.42	0.04	0.42	0.42	0.39	0.43	0.19	0.36	0.30	0.25	0.43	0.01	2%
NC_566	10	4389	0.47	0.45	0.04	0.46	0.46	0.43	0.46	0.21	0.40	0.34	0.28	0.46	0.00	0%
NC_567	10	4389	0.39	0.37	0.04	0.38	0.38	0.36	0.38	0.19	0.34	0.29	0.24	0.38	0.00	0%
NC_568	60	4578	0.22	0.22	0.05	0.24	0.17	0.21	0.18	0.17	0.25	0.23	0.20	0.25	0.01	4%
NC_569	20	4449	0.28	0.27	0.03	0.27	0.27	0.27	0.28	0.18	0.26	0.28	0.23	0.28	0.01	4%
NC_570	60	4578	0.23	0.24	0.06	0.26	0.20	0.23	0.21	0.18	0.27	0.25	0.22	0.27	0.01	4%
NC_571	120	4642	25.25	25.30	1.24	25.33	8.61	13.22	13.51	25.60	25.33	22.55	26.05	26.05	0.72	3%
NC_572	120	4642	0.38	0.36	0.13	0.40	0.32	0.37	0.34	0.31	0.40	0.42	0.35	0.42	0.02	5%
NC_573	20	4455	4.70	4.68	0.37	4.68	4.05	4.48	5.02	2.66	3.19	4.14	3.22	5.02	0.34	7%
NC_574	120	4641	42.28	42.64	2.77	43.03	11.34	20.46	20.53	43.65	43.94	40.48	41.10	43.94	0.91	2%
NC_575	120	4643	4.82	4.53	1.34	4.58	1.76	2.73	2.86	4.34	4.15	4.72	4.61	4.72	0.14	3%
NC_576	20	4450	0.32	0.31	0.04	0.31	0.30	0.31	0.31	0.19	0.32	0.28	0.24	0.32	0.01	3%
NC_577	120	4638	12.06	12.15	1.04	12.16	4.62	7.69	7.70	11.99	12.15	12.53	10.63	12.53	0.37	3%
NC_578	60	4578	0.21	0.22	0.05	0.24	0.16	0.20	0.17	0.16	0.25	0.23	0.20	0.25	0.01	4%
NC_579	120	4642	0.38	0.35	0.13	0.38	0.18	0.25	0.21	0.31	0.38	0.40	0.37	0.40	0.02	5%
NC_580	10	4389	0.50	0.49	0.05	0.49	0.49	0.45	0.49	0.20	0.39	0.32	0.26	0.49	0.00	0%
NC_581	45	4547	7.38	7.37	0.81	7.39	5.46	7.06	7.65	4.58	5.16	6.96	5.11	7.65	0.26	4%
NC_582	120	4642	0.18	0.16	0.06	0.18	0.00	0.08	0.07	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_583	20	4450	0.41	0.40	0.05	0.41	0.40	0.40	0.41	0.24	0.41	0.36	0.31	0.41	0.00	0%
NC_584	20	4450	0.32	0.32	0.04	0.32	0.31	0.32	0.32	0.19	0.32	0.28	0.24	0.32	0.00	0%
NC_585	120	4642	12.93	13.17	1.31	13.23	3.48	6.46	6.53	13.11	13.23	12.12	11.62	13.23	0.00	0%
NC_586	20	4455	5.23	5.18	0.40	5.18	4.31	5.10	5.57	2.98	3.60	4.64	3.62	5.57	0.39	8%
NC_587	120	4642	17.96	18.59	1.70	18.69	5.34	9.58	9.64	18.48	18.69	18.10	16.33	18.69	0.00	0%
NC_588	10	4389	1.25	1.23	0.09	1.24	1.24	1.11	1.26	0.59	0.95	0.92	0.76	1.26	0.02	2%
NC_589	120	4642	0.40	0.37	0.14	0.40	0.24	0.30	0.26	0.33	0.40	0.43	0.39	0.43	0.03	7%
NC_590	20	4449	1.41	1.43	0.16	1.45	1.24	1.46	1.40	0.90	1.22	1.41	1.02	1.46	0.01	1%
NC_591	45	4552	7.44	7.46	0.84	7.59	4.90	6.82	7.25	4.78	5.17	7.13	5.24	7.25	-0.34	-4%
NC_592	20	4450	0.42	0.41	0.05	0.41	0.40	0.40	0.41	0.24	0.40	0.36	0.30	0.41	0.00	0%
NC_593	120	4641	42.28	42.66	2.77	43.05	11.32	20.44	20.52	43.64	43.94	40.52	41.16	43.94	0.89	2%
NC_594	120	4642	0.19	0.18	0.07	0.20	0.06	0.12	0.09	0.15	0.20	0.20	0.18	0.20	0.00	0%
NC_595	120	4643	4.55	4.25	1.28	4.29	1.83	2.66	2.78	4.09	3.92	4.47	4.33	4.47	0.18	4%
NC_596	20	4451	0.66	0.63	0.07	0.63	0.65	0.63	0.67	0.42	0.62	0.62	0.53	0.67	0.04	6%
NC_597	10	4389	0.50	0.49	0.05	0.49	0.49	0.45	0.49	0.19	0.37	0.30	0.25	0.49	0.00	0%
NC_598	120	4638	74.47	75.63	4.20	75.69	15.86	32.07	32.04	75.57	77.18	74.49	71.12	77.18	1.49	2%
NC_599	10	4389	0.85	0.84	0.07	0.85	0.85	0.77	0.86	0.40	0.66	0.63	0.52	0.86	0.01	1%
NC_600	20	4455	5.81	5.75	0.39	5.78	4.58	5.71	6.15	3.33	4.04	5.18	4.02	6.15	0.37	6%
NC_601	120	4641	42.28	42.68	2.76	43.07	11.31	20.43	20.50	43.63	43.94	40.56	41.21	43.94	0.87	2%
NC_602	20	4445	0.97	0.93	0.10	0.93	0.96	0.93	0.99	0.66	0.92	0.96	0.82	0.99	0.06	6%
NC_603	120	4638	45.62	46.12	2.48	46.32	13.91	22.72	23.02	47.31	47.29	44.19	44.27	47.31	0.99	2%
NC_604	120	4641	56.91	56.99	2.96	57.20	17.45	29.77	29.88	58.29	58.15	55.46	53.22	58.29	1.09	2%
NC_605	120	4638	76.93	78.14	4.30	78.22	16.07	32.62	32.59	78.06	79.75	76.90	73.97	79.75	1.53	2%
NC_606	120	4638	45.56	46.12	2.50	46.28	13.45	22.37	22.58	47.21	47.24	44.22	44.28	47.24	0.96	2%
NC_607	120	4638	45.68	46.16	2.46	46.37	14.20	22.96	23.29	47.39	47.34	44.20	44.27	47.39	1.02	2%
NC_608	20	4455	6.45	6.42	0.47	6.43	5.35	6.13	6.91	3.72	4.43	5.76	4.37	6.91	0.48	7%
NC_609	45	4552	5.65	5.64	0.61	5.67	3.99	5.41	5.76	3.52	3.88	5.34	3.96	5.76	0.09	2%
NC_610	120	4641	56.93	57.13	2.98	57.40	17.26	29.63	29.71	58.25	58.23	55.62	53.36	58.25	0.85	1%
NC_611	10	4389	0.70	0.68	0.06	0.69	0.69	0.64	0.70	0.32	0.58	0.50	0.41	0.70	0.01	1%
NC_612	10	4389	1.30	1.29	0.06	1.29	1.29	1.20	1.34	0.83	1.09	1.22	1.04	1.34	0.05	4%
NC_613	10	4389	0.75	0.73	0.06	0.74	0.74	0.70	0.75	0.44	0.67	0.66	0.55	0.75	0.01	1%
NC_614	120	4638	0.72	0.63	0.24	0.63	0.25	0.40	0.42	0.62	0.63	0.75	0.70	0.75	0.12	19%
NC_615	60	4574	0.23	0.23	0.05	0.25	0.19	0.21	0.19	0.18	0.26	0.25	0.22	0.26	0.01	4%
NC_616	120	4641	43.60	44.23	2.85	44.28	12.32	20.68	20.74	45.41	45.63	42.00	42.45	45.63	1.35	3%
NC_617	20	4450	0.39	0.38	0.05	0.38	0.37	0.38	0.38	0.24	0.39	0.35	0.30	0.39	0.01	3%
NC_618	10	4389	0.38	0.37	0.04	0.37	0.37	0.35	0.38	0.19	0.34	0.29	0.24	0.38	0.01	3%
NC_619	120	4641	56.84	56.99	2.98	57.24	17.27	29.61	29.69	58.19	58.14	55.44	53.23	58.19	0.95	2%
NC_620	120	4638	74.47	75.62	4.20	75.67	15.89	32.11	32.07	75.56	77.17	74.39	71.06	77.17	1.50	2%
NC_621	120	4638	76.90	78.12	4.30	78.22	16.02	32.57	32.53	78.03	79.73	76.97	74.02	79.73	1.51	2%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_622	120	4642	0.32	0.30	0.10	0.30	0.03	0.12	0.12	0.28	0.30	0.30	0.29	0.30	0.00	0%
NC_623	120	4638	44.02	44.82	2.76	44.84	12.17	20.66	20.71	45.78	46.02	42.78	43.16	46.02	1.18	3%
NC_624	10	4389	0.49	0.47	0.04	0.47	0.47	0.44	0.48	0.21	0.39	0.33	0.27	0.48	0.01	2%
NC_625	45	4553	1.39	1.42	0.19	1.46	0.96	1.35	1.41	1.00	1.03	1.43	1.04	1.43	-0.03	-2%
NC_626	120	4642	18.00	18.63	1.71	18.72	5.39	9.66	9.73	18.54	18.72	18.11	16.32	18.72	0.00	0%
NC_627	120	4642	0.19	0.18	0.07	0.20	0.05	0.12	0.09	0.16	0.20	0.20	0.19	0.20	0.00	0%
NC_628	120	4642	0.19	0.18	0.07	0.21	0.08	0.14	0.10	0.15	0.21	0.20	0.18	0.21	0.00	0%
NC_629	120	4638	43.77	44.48	2.83	44.48	12.54	20.68	20.75	45.59	45.82	42.26	42.73	45.82	1.34	3%
NC_630	120	4642	0.59	0.52	0.19	0.53	0.12	0.27	0.27	0.51	0.53	0.59	0.56	0.59	0.06	11%
NC_631	10	4389	0.51	0.49	0.05	0.50	0.50	0.46	0.49	0.19	0.37	0.31	0.25	0.50	0.00	0%
NC_632	10	4389	0.39	0.38	0.04	0.38	0.38	0.37	0.39	0.19	0.35	0.30	0.25	0.39	0.01	3%
NC_633	10	4389	0.43	0.41	0.04	0.42	0.42	0.39	0.43	0.19	0.36	0.30	0.25	0.43	0.01	2%
NC_634	45	4554	7.73	7.77	0.90	7.93	4.53	6.69	7.03	5.30	5.42	7.60	5.73	7.60	-0.33	-4%
NC_635	120	4641	10.65	10.34	1.54	10.71	5.50	8.55	8.84	9.75	9.98	10.84	9.33	10.84	0.13	1%
NC_636	20	4451	0.29	0.28	0.04	0.29	0.27	0.29	0.28	0.18	0.30	0.27	0.23	0.30	0.01	3%
NC_637	120	4642	13.18	13.59	1.25	13.73	3.36	6.35	6.41	13.44	13.73	12.54	12.08	13.73	0.00	0%
NC_638	10	4389	0.87	0.86	0.07	0.87	0.87	0.79	0.88	0.44	0.70	0.67	0.56	0.88	0.01	1%
NC_639	120	4643	3.70	3.45	1.05	3.48	1.69	2.26	2.34	3.33	3.22	3.62	3.50	3.62	0.14	4%
NC_640	120	4642	0.31	0.28	0.09	0.28	0.00	0.09	0.09	0.27	0.29	0.27	0.28	0.29	0.01	4%
NC_641	10	4389	0.48	0.47	0.04	0.47	0.47	0.43	0.47	0.19	0.37	0.30	0.25	0.47	0.00	0%
NC_642	45	4547	6.17	6.14	0.34	6.15	2.62	4.22	4.29	5.60	5.96	6.70	4.84	6.70	0.55	9%
NC_643	10	4389	0.46	0.45	0.04	0.45	0.45	0.42	0.46	0.19	0.36	0.30	0.25	0.46	0.01	2%
NC_644	20	4449	6.19	6.15	0.58	6.30	5.62	5.89	6.55	3.83	4.75	5.75	4.58	6.55	0.25	4%
NC_645	20	4446	0.30	0.30	0.04	0.30	0.28	0.30	0.29	0.20	0.33	0.29	0.25	0.33	0.03	10%
NC_646	120	4642	0.18	0.16	0.06	0.18	0.00	0.08	0.07	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_647	10	4389	0.44	0.42	0.04	0.43	0.43	0.40	0.43	0.20	0.37	0.31	0.26	0.43	0.00	0%
NC_648	20	4449	1.32	1.34	0.14	1.36	1.17	1.31	1.36	0.90	1.11	1.35	1.02	1.36	0.00	0%
NC_649	25	4489	0.85	0.81	0.12	0.81	0.75	0.88	0.84	0.58	0.78	0.88	0.67	0.88	0.07	9%
NC_650	120	4641	43.77	44.50	2.82	44.50	12.39	20.65	20.72	45.57	45.80	42.32	42.78	45.80	1.30	3%
NC_651	10	4389	0.56	0.54	0.05	0.55	0.55	0.52	0.56	0.28	0.49	0.43	0.36	0.56	0.01	2%
NC_652	120	4640	74.04	75.07	4.16	75.17	15.92	32.09	32.06	75.17	76.64	73.45	69.95	76.64	1.47	2%
NC_653	20	4451	0.59	0.56	0.06	0.56	0.58	0.57	0.59	0.37	0.56	0.55	0.47	0.59	0.03	5%
NC_654	20	4451	0.60	0.58	0.07	0.58	0.59	0.58	0.60	0.41	0.59	0.59	0.51	0.60	0.02	3%
NC_655	120	4642	0.55	0.49	0.19	0.50	0.30	0.37	0.36	0.46	0.50	0.59	0.54	0.59	0.09	18%
NC_656	20	4449	5.24	5.18	0.49	5.30	4.83	4.96	5.54	3.31	4.14	4.95	3.98	5.54	0.24	5%
NC_657	120	4638	44.02	44.78	2.78	44.81	12.31	20.68	20.74	45.80	46.03	42.70	43.09	46.03	1.22	3%
NC_658	120	4641	65.30	65.45	3.30	65.57	19.38	33.59	33.74	66.19	66.41	63.02	59.86	66.41	0.84	1%
NC_659	20	4451	0.52	0.50	0.06	0.51	0.50	0.51	0.52	0.37	0.53	0.53	0.46	0.53	0.02	4%
NC_660	120	4641	43.77	44.51	2.81	44.52	12.33	20.65	20.71	45.56	45.79	42.36	42.78	45.79	1.27	3%
NC_661	20	4451	0.75	0.74	0.09	0.75	0.73	0.75	0.78	0.41	0.64	0.65	0.50	0.78	0.03	4%
NC_662	120	4642	0.43	0.39	0.14	0.42	0.14	0.24	0.22	0.36	0.42	0.44	0.42	0.44	0.02	5%
NC_663	20	4451	0.28	0.28	0.04	0.28	0.26	0.28	0.27	0.18	0.30	0.26	0.22	0.30	0.02	7%
NC_664	20	4449	0.85	0.82	0.09	0.82	0.84	0.81	0.87	0.58	0.78	0.85	0.72	0.87	0.05	6%
NC_665	120	4642	0.39	0.36	0.14	0.39	0.23	0.29	0.25	0.31	0.39	0.42	0.38	0.42	0.03	8%
NC_666	120	4640	74.10	75.11	4.15	75.22	15.96	32.15	32.11	75.22	76.68	73.47	69.96	76.68	1.46	2%
NC_667	120	4642	0.24	0.23	0.09	0.26	0.11	0.18	0.13	0.19	0.26	0.25	0.23	0.26	0.00	0%
NC_668	120	4642	0.20	0.19	0.07	0.21	0.06	0.13	0.10	0.16	0.21	0.21	0.19	0.21	0.00	0%
NC_669	20	4450	0.34	0.33	0.04	0.33	0.32	0.33	0.33	0.19	0.33	0.29	0.24	0.33	0.00	0%
NC_670	10	4389	0.44	0.42	0.04	0.42	0.42	0.40	0.43	0.21	0.38	0.33	0.27	0.43	0.01	2%
NC_671	120	4642	0.24	0.22	0.08	0.25	0.11	0.18	0.13	0.19	0.25	0.25	0.23	0.25	0.00	0%
NC_672	20	4445	0.75	0.72	0.08	0.72	0.74	0.71	0.77	0.50	0.68	0.74	0.63	0.77	0.05	7%
NC_673	10	4389	0.49	0.48	0.05	0.48	0.48	0.45	0.49	0.22	0.41	0.35	0.29	0.49	0.01	2%
NC_674	20	4451	0.29	0.28	0.04	0.29	0.27	0.29	0.28	0.18	0.30	0.27	0.23	0.30	0.01	3%
NC_675	20	4449	1.00	0.97	0.10	0.99	0.97	0.96	1.03	0.72	0.91	1.04	0.90	1.04	0.05	5%
NC_676	60	4581	0.61	0.59	0.13	0.61	0.58	0.59	0.60	0.49	0.63	0.69	0.60	0.69	0.08	13%
NC_677	10	4389	0.47	0.46	0.04	0.46	0.46	0.44	0.47	0.23	0.42	0.36	0.30	0.47	0.01	2%
NC_678	45	4551	1.05	1.08	0.13	1.11	0.67	0.95	0.94	0.84	0.91	1.14	0.84	1.14	0.03	3%
NC_679	20	4449	1.60	1.56	0.16	1.59	1.55	1.53	1.65	1.16	1.45	1.67	1.42	1.67	0.08	5%
NC_680	120	4645	0.21	0.20	0.08	0.23	0.15	0.20	0.16	0.17	0.25	0.23	0.20	0.25	0.02	9%
NC_681	20	4449	3.73	3.68	0.34	3.75	3.49	3.51	3.92	2.31	2.90	3.49	2.83	3.92	0.17	5%
NC_682	120	4642	0.52	0.48	0.18	0.54	0.46	0.48	0.48	0.42	0.54	0.57	0.50	0.57	0.03	6%
NC_683	120	4642	0.19	0.17	0.06	0.19	0.01	0.09	0.08	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_684	20	4451	0.55	0.53	0.06	0.53	0.54	0.53	0.55	0.35	0.54	0.53	0.44	0.55	0.02	4%
NC_685	60	4574	0.21	0.21	0.04	0.21	0.15	0.19	0.16	0.16	0.23	0.23	0.20	0.23	0.02	10%
NC_686	45	4554	6.09	6.05	0.40	6.07	2.72	4.28	4.38	5.15	5.45	6.38	4.60	6.38	0.31	5%
NC_687	45	4553	2.04	2.09	0.31	2.21	1.60	1.91	2.10	1.58	1.70	2.16	1.79	2.16	-0.05	-2%
NC_688	10	4389	0.79	0.78	0.06	0.78	0.78	0.75	0.79	0.50	0.75	0.74	0.63	0.79	0.01	1%
NC_689	20	4450	0.35	0.34	0.04	0.34	0.33	0.33	0.34	0.19	0.34	0.29	0.24	0.34	0.00	0%
NC_690	45	4551	0.97	1.01	0.09	1.02	0.56	0.82	0.77	0.73	0.87	1.03	0.68	1.03	0.01	1%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_691	120	4642	0.24	0.23	0.08	0.25	0.10	0.17	0.13	0.19	0.25	0.25	0.23	0.25	0.00	0%
NC_692	20	4451	0.71	0.72	0.07	0.73	0.53	0.73	0.70	0.44	0.58	0.70	0.48	0.73	0.00	0%
NC_693	45	4551	1.33	1.35	0.12	1.37	0.91	1.18	1.15	1.03	1.17	1.41	0.91	1.41	0.04	3%
NC_694	120	4642	0.29	0.27	0.10	0.30	0.15	0.21	0.17	0.24	0.30	0.32	0.29	0.32	0.02	7%
NC_695	20	4449	0.78	0.80	0.09	0.80	0.70	0.82	0.79	0.51	0.69	0.79	0.58	0.82	0.02	2%
NC_696	120	4641	65.48	65.65	3.31	65.91	19.29	33.55	33.68	66.32	66.66	63.30	60.12	66.66	0.75	1%
NC_697	20	4451	0.58	0.57	0.07	0.58	0.56	0.58	0.60	0.35	0.52	0.53	0.42	0.60	0.02	3%
NC_698	120	4642	0.21	0.19	0.07	0.21	0.01	0.10	0.08	0.17	0.21	0.21	0.20	0.21	0.00	0%
NC_699	10	4389	0.42	0.40	0.04	0.41	0.41	0.38	0.42	0.19	0.36	0.30	0.25	0.42	0.01	2%
NC_700	120	4640	74.12	75.09	4.15	75.23	16.05	32.23	32.20	75.23	76.67	73.36	69.84	76.67	1.44	2%
NC_701	45	4553	5.83	5.89	0.76	6.03	4.61	5.51	6.14	4.18	4.58	5.88	4.86	6.14	0.11	2%
NC_702	10	4389	0.38	0.36	0.03	0.37	0.37	0.35	0.37	0.19	0.34	0.29	0.24	0.37	0.00	0%
NC_703	10	4389	0.40	0.38	0.04	0.39	0.39	0.37	0.40	0.19	0.35	0.30	0.24	0.40	0.01	3%
NC_704	120	4642	0.20	0.19	0.07	0.21	0.04	0.11	0.09	0.16	0.21	0.21	0.19	0.21	0.00	0%
NC_705	120	4642	0.25	0.24	0.09	0.26	0.06	0.15	0.12	0.20	0.26	0.26	0.24	0.26	0.00	0%
NC_706	20	4445	2.25	2.21	0.18	2.22	2.15	2.05	2.35	1.30	1.65	1.99	1.62	2.35	0.13	6%
NC_707	10	4389	0.69	0.68	0.06	0.69	0.69	0.66	0.70	0.40	0.63	0.61	0.51	0.70	0.01	1%
NC_708	45	4553	5.66	5.74	0.74	5.89	4.63	5.39	6.03	4.04	4.52	5.73	4.76	6.03	0.14	2%
NC_709	45	4554	4.43	4.50	0.43	4.55	2.13	3.48	3.59	3.38	3.41	4.54	3.48	4.54	-0.01	0%
NC_710	45	4551	1.54	1.60	0.17	1.64	0.82	1.25	1.28	1.30	1.32	1.65	1.29	1.65	0.01	1%
NC_711	120	4645	0.21	0.20	0.08	0.22	0.15	0.19	0.16	0.16	0.25	0.23	0.20	0.25	0.03	14%
NC_712	20	4450	0.31	0.30	0.04	0.30	0.29	0.30	0.30	0.18	0.31	0.27	0.23	0.31	0.01	3%
NC_713	120	4642	0.42	0.39	0.15	0.43	0.27	0.33	0.29	0.34	0.43	0.46	0.41	0.46	0.03	7%
NC_714	120	4640	74.08	75.00	4.14	75.19	16.14	32.31	32.28	75.19	76.59	73.15	69.61	76.59	1.40	2%
NC_715	120	4642	0.61	0.54	0.21	0.56	0.36	0.43	0.41	0.51	0.56	0.65	0.60	0.65	0.09	16%
NC_716	120	4642	0.26	0.24	0.09	0.27	0.10	0.18	0.13	0.21	0.27	0.27	0.24	0.27	0.00	0%
NC_717	60	4574	0.42	0.41	0.09	0.42	0.38	0.41	0.39	0.33	0.46	0.47	0.41	0.47	0.05	12%
NC_718	120	4642	0.68	0.61	0.23	0.64	0.32	0.41	0.38	0.56	0.64	0.71	0.66	0.71	0.07	11%
NC_719	90	4605	1.58	1.58	0.15	1.64	0.59	1.04	1.05	1.53	1.57	1.67	1.27	1.67	0.03	2%
NC_720	120	4642	1.12	0.99	0.37	1.00	0.67	0.79	0.80	0.96	1.00	1.19	1.13	1.19	0.19	19%
NC_721	20	4450	0.33	0.32	0.04	0.32	0.31	0.32	0.32	0.19	0.32	0.28	0.24	0.32	0.00	0%
NC_722	20	4451	0.51	0.48	0.06	0.49	0.49	0.49	0.50	0.36	0.52	0.52	0.44	0.52	0.03	6%
NC_723	20	4451	0.48	0.46	0.05	0.47	0.47	0.47	0.49	0.32	0.44	0.46	0.39	0.49	0.02	4%
NC_724	120	4645	0.27	0.26	0.10	0.29	0.21	0.25	0.22	0.21	0.31	0.29	0.26	0.31	0.02	7%
NC_725	45	4552	4.48	4.59	0.50	4.62	2.33	3.67	3.81	3.34	3.31	4.57	3.51	4.57	-0.05	-1%
NC_726	120	4642	0.18	0.17	0.06	0.19	0.04	0.11	0.09	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_727	20	4446	0.25	0.24	0.04	0.25	0.23	0.25	0.24	0.17	0.28	0.25	0.22	0.28	0.03	12%
NC_728	120	4645	0.27	0.25	0.10	0.28	0.20	0.24	0.21	0.21	0.30	0.29	0.25	0.30	0.02	7%
NC_729	20	4449	4.90	4.86	0.49	5.03	4.33	4.70	5.20	3.47	4.09	5.01	4.19	5.20	0.17	3%
NC_730	120	4641	66.16	66.31	3.32	66.59	19.34	33.75	33.87	67.01	67.37	63.94	61.03	67.37	0.78	1%
NC_731	20	4450	0.31	0.30	0.04	0.30	0.29	0.30	0.30	0.18	0.31	0.27	0.23	0.31	0.01	3%
NC_732	120	4640	73.99	74.82	4.12	75.09	16.29	32.43	32.40	75.09	76.41	72.71	69.21	76.41	1.32	2%
NC_733	25	4489	0.47	0.45	0.08	0.45	0.42	0.48	0.46	0.35	0.48	0.51	0.41	0.51	0.06	13%
NC_734	20	4451	0.30	0.29	0.04	0.29	0.28	0.29	0.29	0.18	0.31	0.27	0.23	0.31	0.02	7%
NC_735	10	4389	0.37	0.36	0.03	0.36	0.36	0.35	0.36	0.19	0.33	0.29	0.24	0.36	0.00	0%
NC_736	10	4389	0.89	0.87	0.08	0.88	0.88	0.82	0.90	0.42	0.73	0.65	0.54	0.90	0.02	2%
NC_737	10	4389	1.93	1.92	0.06	1.92	1.92	1.74	2.00	1.11	1.50	1.69	1.39	2.00	0.08	4%
NC_738	120	4642	0.18	0.17	0.06	0.18	0.02	0.10	0.08	0.15	0.18	0.19	0.17	0.19	0.01	6%
NC_739	20	4450	0.44	0.43	0.05	0.44	0.43	0.42	0.44	0.23	0.40	0.35	0.29	0.44	0.00	0%
NC_740	45	4553	3.62	3.62	0.21	3.64	1.35	2.39	2.41	3.23	3.43	3.76	3.26	3.76	0.12	3%
NC_741	120	4640	73.89	74.77	4.12	75.01	16.19	32.32	32.29	75.01	76.35	72.75	69.24	76.35	1.34	2%
NC_742	10	4389	1.00	0.99	0.06	1.00	1.00	0.93	1.02	0.55	0.82	0.85	0.70	1.02	0.02	2%
NC_743	60	4578	0.23	0.24	0.06	0.26	0.18	0.22	0.19	0.18	0.27	0.25	0.22	0.27	0.01	4%
NC_744	120	4638	2.80	2.53	0.85	2.54	1.44	1.91	2.05	2.47	2.39	2.92	2.74	2.92	0.38	15%
NC_745	20	4449	3.83	3.80	0.39	3.92	3.44	3.69	4.03	2.73	3.28	3.95	3.30	4.03	0.11	3%
NC_746	20	4450	0.33	0.32	0.04	0.33	0.32	0.32	0.33	0.18	0.32	0.28	0.23	0.33	0.00	0%
NC_747	20	4451	0.62	0.61	0.07	0.62	0.60	0.62	0.64	0.36	0.54	0.55	0.43	0.64	0.02	3%
NC_748	20	4446	0.24	0.23	0.04	0.24	0.22	0.25	0.23	0.17	0.28	0.25	0.22	0.28	0.04	17%
NC_749	45	4553	3.29	3.35	0.41	3.38	2.17	3.03	3.19	2.27	2.38	3.30	2.42	3.30	-0.08	-2%
NC_750	120	4644	74.44	75.04	4.24	75.19	20.96	37.44	37.56	74.90	75.85	71.94	67.31	75.85	0.66	1%
NC_751	20	4450	0.35	0.34	0.04	0.35	0.34	0.33	0.35	0.18	0.33	0.28	0.23	0.35	0.00	0%
NC_752	10	4389	0.70	0.69	0.06	0.70	0.70	0.66	0.71	0.38	0.61	0.58	0.48	0.71	0.01	1%
NC_753	20	4450	0.43	0.42	0.05	0.43	0.41	0.42	0.43	0.25	0.42	0.37	0.31	0.43	0.00	0%
NC_754	120	4642	0.42	0.40	0.11	0.41	0.11	0.19	0.17	0.37	0.41	0.36	0.37	0.41	0.00	0%
NC_755	20	4451	0.43	0.41	0.05	0.43	0.41	0.43	0.43	0.32	0.44	0.44	0.38	0.44	0.01	2%
NC_756	120	4644	74.52	75.17	4.24	75.39	21.11	37.63	37.75	74.95	75.86	71.90	67.28	75.86	0.47	1%
NC_757	120	4645	0.21	0.19	0.08	0.22	0.14	0.19	0.15	0.16	0.24	0.22	0.20	0.24	0.02	9%
NC_758	20	4446	0.24	0.23	0.04	0.24	0.22	0.25	0.23	0.17	0.28	0.25	0.21	0.28	0.04	17%
NC_759	10	4389	0.42	0.41	0.04	0.41	0.41	0.39	0.42	0.21	0.38	0.32	0.27	0.42	0.01	2%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_760	10	4389	1.70	1.68	0.10	1.69	1.69	1.54	1.72	0.94	1.37	1.43	1.19	1.72	0.03	2%
NC_761	120	4642	0.19	0.18	0.07	0.20	0.06	0.13	0.10	0.15	0.20	0.20	0.18	0.20	0.00	0%
NC_762	25	4489	0.46	0.43	0.06	0.44	0.37	0.46	0.43	0.36	0.45	0.52	0.41	0.52	0.08	18%
NC_763	120	4642	0.72	0.64	0.24	0.65	0.33	0.44	0.45	0.61	0.65	0.76	0.70	0.76	0.11	17%
NC_764	120	4642	0.20	0.19	0.07	0.21	0.08	0.14	0.11	0.16	0.21	0.21	0.19	0.21	0.00	0%
NC_765	45	4553	0.70	0.72	0.10	0.75	0.41	0.63	0.66	0.52	0.54	0.73	0.56	0.73	-0.02	-3%
NC_766	10	4389	0.94	0.92	0.07	0.93	0.93	0.85	0.94	0.48	0.76	0.74	0.62	0.94	0.01	1%
NC_767	120	4642	6.47	6.71	0.80	6.82	1.33	2.84	2.85	6.60	6.82	6.50	5.84	6.82	0.00	0%
NC_768	10	4389	0.37	0.36	0.03	0.36	0.36	0.35	0.37	0.18	0.34	0.29	0.24	0.37	0.01	3%
NC_769	45	4553	2.70	2.76	0.30	2.76	1.24	2.04	2.13	2.40	2.39	2.86	2.53	2.86	0.10	4%
NC_770	120	4644	74.37	74.92	4.23	75.00	20.84	37.29	37.40	74.85	75.83	71.94	67.32	75.83	0.83	1%
NC_771	10	4389	0.52	0.50	0.05	0.50	0.50	0.49	0.52	0.27	0.47	0.41	0.34	0.52	0.02	4%
NC_772	20	4450	0.31	0.31	0.04	0.31	0.30	0.30	0.31	0.18	0.31	0.27	0.23	0.31	0.00	0%
NC_773	60	4578	0.22	0.22	0.05	0.24	0.17	0.21	0.18	0.17	0.25	0.23	0.20	0.25	0.01	4%
NC_774	10	4389	1.77	1.75	0.11	1.76	1.76	1.62	1.79	0.97	1.43	1.48	1.23	1.79	0.03	2%
NC_775	20	4450	0.52	0.50	0.06	0.51	0.50	0.49	0.51	0.28	0.48	0.43	0.36	0.51	0.00	0%
NC_776	120	4642	0.35	0.32	0.12	0.34	0.14	0.21	0.18	0.29	0.34	0.36	0.35	0.36	0.02	6%
NC_777	45	4553	2.55	2.63	0.36	2.69	1.48	2.15	2.29	2.19	2.11	2.70	2.36	2.70	0.01	0%
NC_778	20	4450	0.33	0.33	0.04	0.33	0.32	0.32	0.33	0.18	0.32	0.28	0.23	0.33	0.00	0%
NC_779	45	4553	3.04	3.16	0.39	3.27	1.90	2.69	2.81	2.51	2.52	3.20	2.54	3.20	-0.07	-2%
NC_780	45	4553	1.92	1.99	0.24	2.05	1.17	1.64	1.74	1.70	1.73	2.03	1.72	2.03	-0.02	-1%
NC_781	120	4642	0.39	0.35	0.12	0.36	0.06	0.16	0.15	0.33	0.36	0.37	0.36	0.37	0.01	3%
NC_782	10	4389	0.55	0.54	0.05	0.54	0.54	0.51	0.55	0.26	0.47	0.41	0.34	0.55	0.01	2%
NC_783	120	4642	0.41	0.38	0.14	0.43	0.30	0.35	0.31	0.33	0.43	0.45	0.40	0.45	0.02	5%
NC_784	20	4445	1.81	1.75	0.16	1.78	1.80	1.65	1.87	1.12	1.50	1.68	1.43	1.87	0.09	5%
NC_785	120	4642	1.20	1.06	0.39	1.09	0.66	0.78	0.77	1.02	1.09	1.23	1.15	1.23	0.14	13%
NC_786	10	4389	0.39	0.37	0.04	0.38	0.38	0.36	0.38	0.19	0.35	0.30	0.25	0.38	0.00	0%
NC_787	45	4553	2.57	2.64	0.39	2.77	1.81	2.32	2.54	2.16	2.11	2.73	2.37	2.73	-0.04	-1%
NC_788	120	4642	0.21	0.19	0.07	0.21	0.04	0.12	0.10	0.17	0.21	0.21	0.20	0.21	0.00	0%
NC_789	120	4642	6.48	6.71	0.81	6.82	1.36	2.87	2.88	6.61	6.82	6.48	5.81	6.82	0.00	0%
NC_790	20	4451	0.37	0.35	0.04	0.36	0.36	0.36	0.37	0.22	0.36	0.34	0.28	0.37	0.01	3%
NC_791	10	4389	0.67	0.66	0.05	0.67	0.67	0.63	0.68	0.37	0.59	0.57	0.48	0.68	0.01	1%
NC_792	20	4449	2.01	1.95	0.19	1.96	1.94	1.89	2.08	1.30	1.72	1.93	1.63	2.08	0.12	6%
NC_793	10	4389	1.14	1.13	0.06	1.14	1.14	1.06	1.18	0.63	0.92	0.98	0.80	1.18	0.04	4%
NC_794	20	4449	2.33	2.28	0.23	2.33	2.16	2.18	2.43	1.63	2.02	2.38	2.02	2.43	0.10	4%
NC_795	10	4389	0.46	0.45	0.04	0.45	0.45	0.42	0.46	0.20	0.37	0.31	0.25	0.46	0.01	2%
NC_796	120	4642	0.41	0.38	0.12	0.39	0.09	0.19	0.18	0.36	0.39	0.38	0.37	0.39	0.00	0%
NC_797	20	4449	2.13	2.08	0.19	2.10	2.04	1.98	2.22	1.55	1.79	2.12	1.82	2.22	0.12	6%
NC_798	120	4645	0.26	0.25	0.09	0.28	0.16	0.22	0.17	0.21	0.29	0.28	0.25	0.29	0.01	4%
NC_799	20	4450	0.32	0.31	0.04	0.32	0.31	0.31	0.32	0.18	0.32	0.27	0.23	0.32	0.00	0%
NC_800	120	4645	0.22	0.20	0.08	0.23	0.13	0.17	0.13	0.17	0.23	0.23	0.21	0.23	0.00	0%
NC_801	120	4642	0.20	0.19	0.07	0.20	0.04	0.11	0.09	0.16	0.20	0.20	0.19	0.20	0.00	0%
NC_802	20	4449	0.78	0.78	0.09	0.79	0.73	0.77	0.79	0.52	0.69	0.78	0.64	0.79	0.00	0%
NC_803	120	4643	1.09	1.10	0.24	1.12	0.75	0.89	0.87	0.96	1.09	1.07	0.97	1.09	-0.03	-3%
NC_804	10	4389	0.85	0.84	0.07	0.85	0.85	0.80	0.87	0.45	0.72	0.70	0.58	0.87	0.02	2%
NC_805	10	4389	1.65	1.63	0.10	1.64	1.64	1.51	1.65	0.95	1.42	1.45	1.23	1.65	0.01	1%
NC_806	20	4450	0.40	0.39	0.05	0.40	0.39	0.38	0.40	0.22	0.38	0.34	0.28	0.40	0.00	0%
NC_807	10	4389	0.40	0.39	0.04	0.39	0.39	0.38	0.40	0.20	0.36	0.31	0.26	0.40	0.01	3%
NC_808	120	4642	0.18	0.16	0.06	0.18	0.01	0.09	0.08	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_809	20	4451	0.62	0.60	0.07	0.60	0.61	0.60	0.64	0.36	0.55	0.55	0.46	0.64	0.04	7%
NC_810	120	4642	0.20	0.19	0.07	0.21	0.12	0.15	0.13	0.16	0.21	0.22	0.21	0.22	0.01	5%
NC_811	120	4645	0.22	0.21	0.08	0.24	0.13	0.18	0.14	0.18	0.25	0.24	0.21	0.25	0.01	4%
NC_812	10	4389	0.42	0.41	0.04	0.41	0.41	0.40	0.42	0.22	0.39	0.33	0.28	0.42	0.01	2%
NC_813	20	4450	0.33	0.32	0.04	0.33	0.32	0.32	0.33	0.18	0.32	0.28	0.23	0.33	0.00	0%
NC_814	20	4449	1.53	1.49	0.14	1.49	1.50	1.42	1.58	1.20	1.37	1.60	1.40	1.60	0.11	7%
NC_815	120	4642	6.42	6.58	0.82	6.68	1.40	2.90	2.91	6.49	6.68	6.40	5.70	6.68	0.00	0%
NC_816	20	4450	0.31	0.31	0.04	0.31	0.30	0.31	0.31	0.18	0.31	0.27	0.23	0.31	0.00	0%
NC_817	10	4389	0.42	0.41	0.04	0.41	0.41	0.39	0.42	0.20	0.37	0.32	0.26	0.42	0.01	2%
NC_818	10	4389	0.39	0.38	0.04	0.38	0.38	0.37	0.39	0.19	0.35	0.30	0.25	0.39	0.01	3%
NC_819	10	4389	0.44	0.43	0.04	0.43	0.43	0.40	0.44	0.20	0.37	0.31	0.26	0.44	0.01	2%
NC_820	20	4450	0.36	0.35	0.04	0.36	0.35	0.34	0.36	0.19	0.33	0.29	0.24	0.36	0.00	0%
NC_821	20	4450	0.38	0.37	0.05	0.38	0.37	0.37	0.38	0.21	0.37	0.32	0.27	0.38	0.00	0%
NC_822	10	4389	0.41	0.39	0.04	0.40	0.40	0.38	0.41	0.20	0.36	0.31	0.26	0.41	0.01	2%
NC_823	120	4645	0.20	0.19	0.07	0.22	0.10	0.16	0.12	0.16	0.22	0.22	0.19	0.22	0.00	0%
NC_824	10	4389	1.34	1.33	0.08	1.33	1.33	1.26	1.36	1.04	1.26	1.39	1.23	1.39	0.06	5%
NC_825	120	4642	0.28	0.27	0.10	0.30	0.11	0.19	0.15	0.23	0.30	0.29	0.27	0.30	0.00	0%
NC_826	20	4450	0.34	0.33	0.04	0.33	0.32	0.33	0.33	0.19	0.33	0.29	0.24	0.33	0.00	0%
NC_827	120	4642	6.24	6.30	0.85	6.41	1.46	2.91	2.93	6.19	6.41	6.20	5.49	6.41	0.00	0%
NC_828	25	4481	0.41	0.40	0.07	0.40	0.38	0.43	0.41	0.33	0.44	0.46	0.39	0.46	0.06	15%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_829	120	4643	0.91	0.94	0.19	0.96	0.54	0.69	0.64	0.81	0.92	0.84	0.84	0.92	-0.04	-4%
NC_830	120	4642	0.84	0.78	0.28	0.85	0.74	0.74	0.76	0.69	0.85	0.89	0.80	0.89	0.04	5%
NC_831	20	4450	0.32	0.31	0.04	0.31	0.30	0.31	0.31	0.18	0.32	0.28	0.23	0.32	0.01	3%
NC_832	120	4643	0.82	0.82	0.20	0.82	0.45	0.57	0.51	0.73	0.82	0.75	0.74	0.82	0.00	0%
NC_833	20	4446	0.24	0.23	0.04	0.24	0.22	0.25	0.23	0.18	0.28	0.25	0.22	0.28	0.04	17%
NC_834	120	4642	6.24	6.29	0.87	6.44	1.55	2.98	3.01	6.14	6.44	6.16	5.45	6.44	0.00	0%
NC_835	120	4642	0.39	0.37	0.12	0.41	0.26	0.29	0.27	0.32	0.41	0.38	0.36	0.41	0.00	0%
NC_836	120	4642	0.21	0.20	0.07	0.23	0.19	0.21	0.20	0.17	0.23	0.24	0.21	0.24	0.01	4%
NC_837	120	4642	0.19	0.18	0.07	0.20	0.06	0.13	0.10	0.15	0.20	0.20	0.18	0.20	0.00	0%
NC_838	120	4642	0.20	0.19	0.07	0.21	0.16	0.18	0.17	0.17	0.21	0.23	0.20	0.23	0.02	10%
NC_839	120	4642	5.85	5.91	0.83	6.05	1.60	2.89	2.93	5.76	6.05	5.79	5.11	6.05	0.00	0%
NC_840	120	4643	0.70	0.64	0.20	0.65	0.30	0.41	0.40	0.62	0.64	0.68	0.64	0.68	0.03	5%
NC_841	120	4645	0.24	0.22	0.09	0.25	0.15	0.20	0.16	0.19	0.27	0.25	0.23	0.27	0.02	8%
NC_842	120	4643	0.79	0.78	0.18	0.80	0.38	0.46	0.43	0.70	0.75	0.68	0.71	0.75	-0.05	-6%
NC_843	120	4642	0.36	0.33	0.11	0.36	0.18	0.26	0.22	0.30	0.36	0.37	0.33	0.37	0.01	3%
NC_844	20	4451	0.33	0.32	0.04	0.32	0.31	0.32	0.32	0.20	0.34	0.30	0.26	0.34	0.02	6%
NC_845	120	4642	5.82	5.88	0.84	6.02	1.78	2.98	3.03	5.73	6.02	5.73	5.07	6.02	0.00	0%
NC_846	45	4553	1.04	1.06	0.14	1.13	0.93	1.05	1.04	0.83	0.96	1.15	0.94	1.15	0.02	2%
NC_847	45	4553	1.43	1.49	0.17	1.52	0.76	1.19	1.23	1.18	1.19	1.49	1.21	1.49	-0.03	-2%
NC_848	120	4645	0.22	0.21	0.08	0.24	0.13	0.18	0.14	0.18	0.25	0.24	0.21	0.25	0.01	4%
NC_849	120	4642	0.19	0.17	0.07	0.19	0.04	0.11	0.09	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_850	120	4643	0.95	0.96	0.20	0.96	0.63	0.85	0.80	0.85	0.96	1.00	0.80	1.00	0.04	4%
NC_851	120	4642	4.70	4.75	0.71	4.85	1.09	2.19	2.19	4.56	4.85	4.71	4.16	4.85	0.00	0%
NC_852	120	4642	0.34	0.32	0.10	0.32	0.03	0.12	0.10	0.29	0.32	0.29	0.30	0.32	0.00	0%
NC_853	20	4450	0.36	0.35	0.04	0.35	0.35	0.34	0.35	0.19	0.34	0.29	0.25	0.35	0.00	0%
NC_854	45	4551	1.14	1.18	0.15	1.23	0.75	1.06	1.09	0.93	0.93	1.20	0.96	1.20	-0.03	-2%
NC_855	20	4446	0.48	0.47	0.06	0.47	0.46	0.47	0.48	0.32	0.49	0.46	0.39	0.49	0.02	4%
NC_856	120	4642	0.38	0.36	0.12	0.38	0.14	0.23	0.20	0.32	0.38	0.38	0.35	0.38	0.00	0%
NC_857	20	4450	0.37	0.36	0.04	0.37	0.36	0.35	0.37	0.19	0.34	0.30	0.25	0.37	0.00	0%
NC_858	120	4642	0.80	0.81	0.19	0.84	0.65	0.76	0.72	0.69	0.84	0.83	0.66	0.84	0.00	0%
NC_859	120	4645	0.20	0.19	0.07	0.21	0.09	0.15	0.11	0.16	0.21	0.21	0.19	0.21	0.00	0%
NC_860	120	4642	3.58	3.64	0.54	3.69	0.75	1.72	1.73	3.52	3.69	3.67	3.22	3.69	0.00	0%
NC_861	20	4450	0.36	0.35	0.04	0.35	0.34	0.34	0.35	0.19	0.33	0.29	0.24	0.35	0.00	0%
NC_862	120	4642	0.62	0.62	0.16	0.65	0.48	0.53	0.51	0.52	0.65	0.60	0.51	0.65	0.00	0%
NC_863	120	4642	3.30	3.33	0.54	3.36	0.76	1.69	1.71	3.14	3.36	3.40	3.00	3.40	0.04	1%
NC_864	20	4450	0.34	0.33	0.04	0.34	0.33	0.33	0.34	0.19	0.33	0.29	0.24	0.34	0.00	0%
NC_865	120	4642	0.36	0.33	0.11	0.35	0.16	0.25	0.22	0.30	0.35	0.37	0.33	0.37	0.02	6%
NC_866	120	4645	0.21	0.19	0.08	0.22	0.15	0.19	0.16	0.16	0.24	0.23	0.20	0.24	0.02	9%
NC_867	45	4549	0.44	0.45	0.06	0.47	0.35	0.44	0.40	0.36	0.46	0.51	0.41	0.51	0.04	9%
NC_868	45	4553	1.95	1.97	0.10	1.97	0.57	1.18	1.19	1.78	1.89	2.09	1.76	2.09	0.12	6%
NC_869	120	4636	1.33	1.34	0.23	1.36	0.28	0.63	0.64	1.25	1.32	1.31	1.23	1.32	-0.04	-3%
NC_870	120	4642	1.39	1.39	0.22	1.40	0.25	0.61	0.62	1.35	1.40	1.37	1.27	1.40	0.00	0%
NC_871	120	4642	0.34	0.32	0.11	0.34	0.14	0.22	0.19	0.28	0.34	0.35	0.31	0.35	0.01	3%
NC_872	45	4554	1.46	1.46	0.09	1.46	0.51	0.97	0.98	1.23	1.31	1.52	1.24	1.52	0.06	4%
NC_873	120	4642	0.57	0.54	0.16	0.56	0.26	0.43	0.42	0.51	0.56	0.61	0.50	0.61	0.05	9%
NC_874	60	4578	0.23	0.23	0.05	0.25	0.20	0.23	0.21	0.17	0.27	0.25	0.21	0.27	0.02	8%
NC_875	120	4643	1.26	1.28	0.25	1.33	0.31	0.66	0.67	1.16	1.22	1.25	1.18	1.25	-0.08	-6%
NC_876	45	4552	1.26	1.28	0.12	1.29	0.57	0.96	0.99	0.98	1.02	1.29	1.01	1.29	0.00	0%
NC_877	120	4643	1.20	1.19	0.27	1.22	0.36	0.70	0.71	1.09	1.12	1.20	1.12	1.20	-0.02	-2%
NC_878	60	4581	0.42	0.41	0.08	0.42	0.38	0.43	0.41	0.34	0.45	0.47	0.40	0.47	0.05	12%
NC_879	45	4553	1.21	1.25	0.15	1.27	0.68	1.03	1.08	0.91	0.89	1.24	0.94	1.24	-0.03	-2%
NC_880	120	4643	0.44	0.42	0.11	0.44	0.05	0.13	0.12	0.39	0.41	0.36	0.40	0.41	-0.03	-7%
NC_881	10	4389	0.39	0.37	0.04	0.38	0.38	0.37	0.39	0.20	0.35	0.30	0.25	0.39	0.01	3%
NC_882	120	4642	0.26	0.24	0.09	0.28	0.13	0.19	0.14	0.21	0.28	0.27	0.24	0.28	0.00	0%
NC_883	120	4643	1.14	1.09	0.30	1.10	0.49	0.78	0.79	1.03	1.05	1.16	1.04	1.16	0.06	5%
NC_884	20	4451	0.31	0.30	0.04	0.31	0.29	0.31	0.30	0.19	0.32	0.28	0.24	0.32	0.01	3%
NC_885	20	4450	0.36	0.35	0.04	0.36	0.35	0.34	0.36	0.18	0.33	0.29	0.24	0.36	0.00	0%
NC_886	20	4451	0.99	1.01	0.12	1.01	0.90	1.01	1.01	0.65	0.84	0.99	0.75	1.01	0.00	0%
NC_887	20	4451	0.53	0.53	0.07	0.54	0.51	0.54	0.55	0.34	0.49	0.51	0.41	0.55	0.01	2%
NC_888	20	4451	0.31	0.30	0.04	0.30	0.29	0.30	0.30	0.19	0.32	0.28	0.24	0.32	0.02	7%
NC_889	120	4642	0.19	0.17	0.07	0.19	0.04	0.11	0.09	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_890	120	4642	0.54	0.51	0.15	0.51	0.13	0.25	0.24	0.47	0.51	0.50	0.48	0.51	0.00	0%
NC_891	120	4642	0.19	0.18	0.07	0.20	0.07	0.13	0.10	0.15	0.20	0.20	0.18	0.20	0.00	0%
NC_892	120	4645	0.21	0.19	0.07	0.22	0.11	0.16	0.12	0.16	0.22	0.22	0.20	0.22	0.00	0%
NC_893	120	4642	0.25	0.23	0.09	0.26	0.07	0.15	0.12	0.20	0.26	0.25	0.24	0.26	0.00	0%
NC_894	120	4645	0.27	0.25	0.09	0.28	0.15	0.21	0.16	0.21	0.29	0.28	0.25	0.29	0.01	4%
NC_895	120	4642	0.18	0.17	0.06	0.19	0.03	0.10	0.08	0.15	0.19	0.19	0.17	0.19	0.00	0%
NC_896	120	4642	0.18	0.17	0.06	0.18	0.01	0.09	0.08	0.15	0.18	0.19	0.18	0.19	0.01	6%
NC_897	120	4642	0.19	0.18	0.07	0.20	0.05	0.12	0.09	0.15	0.20	0.20	0.18	0.20	0.00	0%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_898	120	4643	0.62	0.57	0.18	0.58	0.09	0.21	0.20	0.56	0.55	0.57	0.57	0.57	-0.01	-2%
NC_899	120	4642	0.22	0.20	0.07	0.22	0.01	0.10	0.09	0.18	0.22	0.22	0.20	0.22	0.00	0%
NC_900	120	4642	0.39	0.37	0.12	0.38	0.12	0.20	0.18	0.34	0.38	0.36	0.35	0.38	0.00	0%
NC_901	120	4645	0.22	0.21	0.08	0.24	0.13	0.19	0.15	0.17	0.25	0.24	0.21	0.25	0.01	4%
NC_902	120	4642	0.37	0.34	0.12	0.37	0.22	0.29	0.24	0.30	0.37	0.39	0.34	0.39	0.02	5%
NC_903	120	4642	0.81	0.76	0.24	0.78	0.45	0.49	0.48	0.71	0.78	0.75	0.73	0.78	0.00	0%
NC_904	20	4450	0.35	0.34	0.04	0.35	0.34	0.33	0.35	0.18	0.33	0.28	0.23	0.35	0.00	0%
NC_905	120	4643	0.82	0.78	0.21	0.80	0.29	0.44	0.43	0.74	0.75	0.75	0.75	0.75	-0.05	-6%
NC_906	120	4642	0.20	0.19	0.07	0.20	0.02	0.10	0.08	0.17	0.20	0.20	0.19	0.20	0.00	0%
NC_907	20	4450	0.59	0.59	0.08	0.60	0.55	0.61	0.60	0.40	0.58	0.60	0.48	0.61	0.01	2%
NC_908	120	4636	1.13	1.13	0.15	1.13	0.21	0.37	0.34	1.13	1.12	0.97	0.95	1.13	0.00	0%
NC_909	60	4578	0.22	0.22	0.05	0.25	0.17	0.21	0.18	0.17	0.25	0.24	0.21	0.25	0.00	0%
NC_910	120	4642	0.18	0.17	0.06	0.18	0.02	0.10	0.08	0.15	0.18	0.19	0.17	0.19	0.01	6%
NC_911	60	4578	0.15	0.15	0.04	0.17	0.13	0.16	0.14	0.11	0.19	0.16	0.14	0.19	0.02	12%
NC_912	20	4451	0.30	0.29	0.04	0.29	0.28	0.29	0.29	0.18	0.31	0.27	0.23	0.31	0.02	7%
NC_913	20	4445	1.19	1.15	0.11	1.16	1.19	1.11	1.24	0.78	0.99	1.14	0.97	1.24	0.08	7%
NC_914	20	4451	1.01	1.00	0.12	1.01	0.98	1.01	1.04	0.65	0.91	0.98	0.78	1.04	0.03	3%
NC_915	10	4389	0.93	0.92	0.06	0.92	0.92	0.86	0.94	0.61	0.82	0.89	0.76	0.94	0.02	2%
NC_916	20	4450	0.38	0.37	0.05	0.38	0.37	0.36	0.38	0.20	0.35	0.31	0.25	0.38	0.00	0%
NC_917	120	4643	0.48	0.44	0.14	0.45	0.04	0.14	0.14	0.43	0.44	0.42	0.44	0.44	-0.01	-2%
NC_918	120	4642	0.19	0.18	0.07	0.20	0.07	0.14	0.10	0.15	0.20	0.20	0.18	0.20	0.00	0%
NC_919	120	4642	0.68	0.64	0.20	0.68	0.46	0.54	0.49	0.58	0.68	0.68	0.60	0.68	0.00	0%
NC_920	20	4449	1.30	1.26	0.12	1.28	1.28	1.24	1.35	1.00	1.12	1.34	1.17	1.35	0.07	5%
NC_921	20	4450	0.35	0.34	0.04	0.35	0.34	0.34	0.35	0.19	0.34	0.30	0.25	0.35	0.00	0%
NC_922	120	4642	0.18	0.16	0.06	0.18	0.01	0.09	0.08	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_923	120	4642	0.31	0.29	0.09	0.29	0.01	0.10	0.09	0.27	0.29	0.27	0.28	0.29	0.00	0%
NC_924	120	4642	0.18	0.17	0.06	0.18	0.02	0.09	0.08	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_925	120	4636	1.85	1.89	0.33	1.95	0.98	1.45	1.45	1.69	1.82	1.84	1.72	1.84	-0.11	-6%
NC_926	120	4643	0.57	0.54	0.15	0.56	0.05	0.15	0.14	0.51	0.51	0.48	0.52	0.52	-0.04	-7%
NC_927	120	4642	0.19	0.18	0.07	0.20	0.04	0.11	0.09	0.16	0.20	0.20	0.18	0.20	0.00	0%
NC_928	120	4642	0.26	0.25	0.09	0.28	0.14	0.20	0.15	0.21	0.28	0.27	0.25	0.28	0.00	0%
NC_929	20	4445	0.97	0.93	0.09	0.93	0.95	0.92	0.99	0.80	0.95	1.05	0.93	1.05	0.12	13%
NC_930	45	4553	4.76	4.89	0.67	5.08	3.39	4.37	4.72	3.92	3.78	5.00	4.23	5.00	-0.08	-2%
NC_931	20	4450	0.44	0.43	0.05	0.44	0.43	0.42	0.44	0.23	0.40	0.35	0.29	0.44	0.00	0%
NC_932	120	4641	2.36	2.37	0.38	2.44	0.65	0.90	0.91	2.22	2.30	1.99	2.09	2.30	-0.14	-6%
NC_933	20	4450	0.34	0.33	0.04	0.34	0.33	0.33	0.34	0.19	0.33	0.28	0.24	0.34	0.00	0%
NC_934	20	4450	0.36	0.35	0.04	0.35	0.34	0.34	0.35	0.19	0.34	0.29	0.24	0.35	0.00	0%
NC_935	120	4642	0.39	0.36	0.12	0.38	0.16	0.24	0.22	0.33	0.38	0.39	0.36	0.39	0.01	3%
NC_936	120	4643	0.67	0.67	0.14	0.70	0.02	0.16	0.15	0.60	0.64	0.56	0.63	0.64	-0.06	-9%
NC_937	120	4636	2.08	2.10	0.35	2.13	1.09	1.65	1.68	1.95	2.07	2.11	1.89	2.11	-0.02	-1%
NC_938	10	4389	0.62	0.61	0.05	0.61	0.61	0.59	0.62	0.36	0.57	0.55	0.46	0.62	0.01	2%
NC_939	120	4645	0.24	0.22	0.09	0.26	0.13	0.19	0.15	0.19	0.26	0.25	0.23	0.26	0.00	0%
NC_940	120	4641	2.52	2.55	0.38	2.61	0.74	1.09	1.12	2.43	2.49	2.15	2.24	2.49	-0.12	-5%
NC_941	120	4636	0.75	0.77	0.14	0.80	0.03	0.16	0.16	0.69	0.74	0.64	0.71	0.74	-0.06	-8%
NC_942	120	4645	0.20	0.19	0.07	0.21	0.10	0.16	0.11	0.16	0.22	0.21	0.19	0.22	0.01	5%
NC_943	20	4450	0.51	0.50	0.06	0.51	0.50	0.49	0.51	0.27	0.47	0.42	0.35	0.51	0.00	0%
NC_944	20	4451	0.30	0.29	0.04	0.29	0.28	0.29	0.29	0.18	0.31	0.27	0.23	0.31	0.02	7%
NC_945	120	4642	0.18	0.17	0.06	0.18	0.02	0.09	0.08	0.15	0.18	0.19	0.17	0.19	0.01	6%
NC_946	20	4450	0.34	0.33	0.04	0.34	0.33	0.33	0.34	0.18	0.33	0.28	0.24	0.34	0.00	0%
NC_947	120	4642	0.18	0.17	0.06	0.18	0.02	0.09	0.08	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_948	120	4641	1.11	1.12	0.20	1.15	0.04	0.24	0.23	1.03	1.09	0.91	1.03	1.09	-0.06	-5%
NC_949	120	4636	2.57	2.59	0.37	2.64	0.57	1.01	1.04	2.48	2.54	2.23	2.29	2.54	-0.10	-4%
NC_950	1800	4899	0.69	0.48	0.53	0.48	0.18	0.22	0.19	0.24	0.26	0.27	0.37	0.37	-0.11	-23%
NC_951	120	4643	1.39	1.37	0.32	1.39	0.72	1.02	0.99	1.26	1.33	1.40	1.28	1.40	0.01	1%
NC_952	20	4450	0.35	0.34	0.04	0.34	0.33	0.34	0.34	0.19	0.34	0.29	0.25	0.34	0.00	0%
NC_953	20	4450	0.41	0.40	0.05	0.41	0.40	0.39	0.41	0.21	0.38	0.33	0.27	0.41	0.00	0%
NC_954	120	4642	0.21	0.20	0.07	0.22	0.07	0.14	0.11	0.17	0.22	0.22	0.20	0.22	0.00	0%
NC_955	120	4642	0.20	0.18	0.07	0.20	0.05	0.12	0.09	0.16	0.20	0.20	0.19	0.20	0.00	0%
NC_956	45	4551	2.68	2.76	0.22	2.81	1.44	2.15	2.20	2.49	2.58	2.79	2.44	2.79	-0.02	-1%
NC_957	20	4451	1.12	1.08	0.12	1.09	1.10	1.09	1.13	0.85	1.10	1.19	1.02	1.19	0.10	9%
NC_958	120	4642	0.19	0.17	0.06	0.19	0.02	0.10	0.08	0.15	0.19	0.19	0.18	0.19	0.00	0%
NC_959	10	4389	0.91	0.90	0.06	0.91	0.91	0.86	0.93	0.59	0.81	0.86	0.73	0.93	0.02	2%
NC_960	45	4553	5.29	5.48	0.64	5.71	3.54	4.65	4.96	4.38	4.42	5.60	4.45	5.60	-0.11	-2%
NC_961	60	4574	0.46	0.46	0.09	0.48	0.42	0.46	0.44	0.37	0.51	0.51	0.43	0.51	0.03	6%
NC_962	120	4642	0.18	0.17	0.06	0.18	0.01	0.09	0.08	0.15	0.18	0.18	0.17	0.18	0.00	0%
NC_963	20	4451	0.61	0.59	0.07	0.59	0.60	0.59	0.61	0.41	0.61	0.60	0.51	0.61	0.02	3%
NC_964	120	4636	3.98	4.01	0.60	4.09	0.59	1.37	1.39	3.84	3.93	3.39	3.56	3.93	-0.16	-4%
NC_965	120	4642	0.34	0.32	0.10	0.32	0.03	0.13	0.13	0.30	0.32	0.32	0.31	0.32	0.00	0%
NC_966	60	4578	0.24	0.24	0.06	0.27	0.18	0.23	0.20	0.18	0.28	0.26	0.22	0.28	0.01	4%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_967	45	4553	5.22	5.39	0.60	5.51	3.01	4.37	4.58	4.39	4.53	5.48	4.46	5.48	-0.03	-1%
NC_968	120	4642	0.57	0.53	0.17	0.54	0.31	0.39	0.37	0.50	0.54	0.57	0.52	0.57	0.03	6%
NC_969	1800	4899	0.67	0.46	0.57	0.46	0.00	0.01	0.01	0.24	0.24	0.26	0.35	0.35	-0.11	-24%
NC_970	45	4553	1.15	1.17	0.16	1.23	0.89	1.11	1.20	0.86	0.92	1.20	0.97	1.20	-0.03	-2%
NC_971	45	4553	3.17	3.15	0.12	3.16	1.52	2.49	2.52	2.90	3.06	3.33	2.76	3.33	0.17	5%
NC_972	20	4449	1.70	1.66	0.16	1.68	1.61	1.59	1.76	1.28	1.53	1.79	1.57	1.79	0.11	7%
NC_973	120	4640	11.55	11.61	0.20	11.65	2.85	5.19	5.19	11.65	11.72	11.12	10.68	11.72	0.07	1%
NC_974	270	4715	12.22	11.58	2.06	11.90	4.35	7.28	7.48	11.35	11.50	10.71	13.75	13.75	1.85	16%
NC_975	10	4389	0.56	0.56	0.04	0.56	0.56	0.52	0.57	0.29	0.47	0.46	0.38	0.57	0.01	2%
NC_976	270	4715	12.15	11.53	2.08	11.86	4.35	7.26	7.45	11.28	11.27	10.54	13.65	13.65	1.79	15%
NC_977	270	4715	11.89	11.34	2.12	11.69	4.40	7.13	7.34	11.05	10.95	9.96	13.31	13.31	1.62	14%
NC_978	120	4642	23.65	23.74	1.25	23.88	7.11	12.31	12.49	23.88	23.88	20.90	24.81	24.81	0.93	4%
NC_979	120	4642	24.31	24.38	1.23	24.50	7.44	12.57	12.69	24.64	24.50	21.57	25.35	25.35	0.85	3%
NC_980	120	4642	17.97	18.59	1.70	18.70	5.33	9.57	9.64	18.49	18.70	18.11	16.35	18.70	0.00	0%
NC_981	120	4638	43.90	44.66	2.79	44.68	12.34	20.66	20.72	45.69	45.93	42.54	42.95	45.93	1.25	3%
NC_982	120	4642	11.70	11.70	1.07	11.72	4.70	7.81	7.82	11.25	11.72	12.02	10.28	12.02	0.30	3%
NC_983	120	4642	12.08	12.16	1.05	12.16	4.65	7.75	7.75	11.98	12.16	12.50	10.61	12.50	0.34	3%
NC_984	10	4389	0.90	0.89	0.05	0.89	0.89	0.82	0.91	0.49	0.72	0.76	0.62	0.91	0.02	2%
NC_985	20	4450	0.41	0.40	0.05	0.40	0.39	0.40	0.40	0.24	0.41	0.36	0.31	0.41	0.01	2%
NC_986	45	4553	1.47	1.52	0.20	1.59	0.95	1.34	1.39	1.16	1.16	1.58	1.22	1.58	-0.01	-1%
NC_987	120	4645	0.20	0.19	0.07	0.22	0.13	0.17	0.14	0.16	0.23	0.22	0.19	0.23	0.01	5%
NC_988	20	4451	0.30	0.29	0.04	0.30	0.28	0.30	0.29	0.19	0.32	0.28	0.24	0.32	0.02	7%
NC_989	20	4445	1.96	1.89	0.18	1.90	1.94	1.84	2.03	1.20	1.67	1.83	1.53	2.03	0.13	7%
NC_990	120	4644	7.67	7.50	1.12	7.60	3.64	5.24	5.26	7.40	7.77	7.40	6.24	7.77	0.17	2%
NC_991	20	4451	0.23	0.23	0.03	0.23	0.22	0.23	0.23	0.15	0.25	0.22	0.19	0.25	0.02	9%
NC_992	45	4553	1.75	1.78	0.12	1.79	1.24	1.60	1.64	1.52	1.51	1.79	1.58	1.79	0.00	0%
NC_993	20	4445	0.60	0.57	0.06	0.58	0.60	0.57	0.60	0.39	0.55	0.58	0.49	0.60	0.02	3%
NC_994	20	4451	0.44	0.42	0.05	0.43	0.43	0.43	0.43	0.29	0.44	0.43	0.37	0.44	0.01	2%
NC_995	10	4389	0.72	0.71	0.05	0.71	0.71	0.68	0.72	0.44	0.64	0.66	0.56	0.72	0.01	1%
NC_996	10	4389	0.70	0.69	0.04	0.70	0.70	0.64	0.71	0.40	0.59	0.61	0.52	0.71	0.01	1%
NC_997	45	4553	2.04	2.09	0.27	2.19	1.84	1.93	2.12	1.64	1.79	2.18	1.98	2.18	-0.01	0%
NC_998	20	4450	0.30	0.30	0.04	0.30	0.29	0.29	0.30	0.16	0.29	0.25	0.21	0.30	0.00	0%
NC_999	10	4389	0.62	0.61	0.05	0.62	0.62	0.59	0.63	0.35	0.55	0.53	0.44	0.63	0.01	2%
NC_1000	45	4553	1.37	1.41	0.16	1.46	1.02	1.32	1.31	1.13	1.23	1.45	1.11	1.45	-0.01	-1%
NC_1001	120	4642	0.95	0.88	0.28	0.91	0.84	0.89	0.93	0.82	0.91	1.01	0.93	1.01	0.10	11%
NC_1002	10	4389	0.58	0.56	0.05	0.57	0.57	0.54	0.58	0.32	0.51	0.49	0.41	0.58	0.01	2%
NC_1003	20	4450	0.39	0.37	0.05	0.38	0.37	0.38	0.38	0.28	0.41	0.41	0.35	0.41	0.03	8%
NC_1004	120	4642	0.49	0.46	0.17	0.50	0.37	0.43	0.39	0.40	0.50	0.55	0.48	0.55	0.05	10%
NC_1005	45	4553	2.84	2.91	0.41	3.07	2.44	2.65	2.96	2.25	2.43	3.01	2.69	3.01	-0.06	-2%
NC_1006	20	4450	0.33	0.33	0.04	0.33	0.32	0.32	0.33	0.18	0.32	0.27	0.23	0.33	0.00	0%
NC_1007	45	4553	6.28	6.40	0.92	6.68	4.53	5.88	6.33	4.90	5.08	6.57	5.73	6.57	-0.11	-2%
NC_1008	20	4445	1.08	1.04	0.10	1.04	1.07	1.01	1.11	0.65	0.87	0.99	0.81	1.11	0.07	7%
NC_1009	20	4446	0.30	0.29	0.04	0.30	0.28	0.30	0.29	0.21	0.33	0.30	0.26	0.33	0.03	10%
NC_1010	20	4449	0.68	0.68	0.08	0.68	0.64	0.67	0.69	0.48	0.62	0.70	0.58	0.70	0.02	3%
NC_1011	20	4446	0.21	0.21	0.03	0.21	0.19	0.22	0.20	0.15	0.25	0.22	0.19	0.25	0.04	19%
NC_1012	120	4642	0.17	0.15	0.06	0.17	0.03	0.10	0.08	0.13	0.17	0.17	0.16	0.17	0.00	0%
NC_1013	120	4642	0.42	0.38	0.14	0.41	0.15	0.23	0.19	0.34	0.41	0.42	0.39	0.42	0.01	2%
NC_1014	120	4642	0.61	0.55	0.20	0.58	0.26	0.34	0.30	0.52	0.58	0.61	0.58	0.61	0.03	5%
NC_1015	120	4636	8.51	8.61	0.60	8.63	1.20	1.93	2.00	8.60	8.71	6.83	9.32	9.32	0.69	8%
NC_1016	120	4643	2.69	2.62	0.62	2.75	0.72	1.09	1.13	2.42	2.48	2.37	2.51	2.51	-0.24	-9%
NC_1017	120	4640	7.48	7.53	0.71	7.55	0.64	0.74	0.74	7.55	7.51	5.94	7.70	7.70	0.15	2%
NC_1018	120	4644	1.88	1.91	0.15	1.93	0.81	0.77	0.82	1.98	2.09	1.72	1.72	2.09	0.16	8%
NC_1019	120	4643	0.32	0.29	0.09	0.30	0.20	0.22	0.23	0.28	0.29	0.31	0.29	0.31	0.01	3%
NC_1020	120	4640	7.03	6.95	0.92	7.02	0.07	0.46	0.45	7.02	6.87	5.59	6.75	7.02	0.00	0%
NC_1021	120	4643	0.88	0.81	0.25	0.82	0.37	0.56	0.58	0.79	0.77	0.89	0.83	0.89	0.07	9%
NC_1022	120	4643	0.49	0.49	0.11	0.52	0.06	0.12	0.11	0.44	0.47	0.41	0.46	0.47	-0.05	-10%
NC_1023	120	4640	7.41	7.39	0.87	7.44	0.29	0.58	0.60	7.44	7.34	5.85	7.21	7.44	0.00	0%
NC_1024	120	4636	5.79	5.87	0.92	6.03	0.53	1.77	1.77	5.45	5.70	4.96	5.26	5.70	-0.33	-5%
NC_1025	120	4643	2.02	1.83	0.60	1.84	0.56	0.97	0.99	1.78	1.77	1.97	1.91	1.97	0.13	7%
NC_1026	120	4642	0.77	0.70	0.24	0.71	0.18	0.31	0.30	0.67	0.71	0.73	0.72	0.73	0.02	3%
NC_1027	120	4643	1.26	1.13	0.38	1.13	0.44	0.69	0.71	1.11	1.11	1.26	1.20	1.26	0.13	12%
NC_1028	120	4645	0.21	0.20	0.08	0.23	0.12	0.17	0.13	0.17	0.24	0.23	0.20	0.24	0.01	4%
NC_1029	60	4574	0.19	0.19	0.05	0.21	0.13	0.17	0.14	0.15	0.22	0.20	0.18	0.22	0.01	5%
NC_1030	20	4451	0.12	0.12	0.02	0.13	0.11	0.13	0.12	0.07	0.14	0.11	0.09	0.14	0.01	8%
NC_1031	120	4642	0.16	0.14	0.05	0.15	0.02	0.06	0.06	0.14	0.15	0.16	0.15	0.16	0.01	7%
NC_1032	120	4642	0.33	0.31	0.10	0.33	0.14	0.21	0.18	0.28	0.33	0.33	0.30	0.33	0.00	0%
NC_1033	120	4643	0.61	0.60	0.14	0.63	0.07	0.17	0.15	0.54	0.57	0.51	0.57	0.57	-0.06	-10%
NC_1034	120	4636	1.13	1.13	0.15	1.14	0.20	0.35	0.34	1.13	1.13	0.97	0.95	1.13	-0.01	-1%
NC_1035	60	4578	0.18	0.18	0.04	0.20	0.13	0.17	0.14	0.14	0.21	0.19	0.17	0.21	0.01	5%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_1036	4320	4924	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	#DIV/0!
NC_1037	120	4643	0.61	0.59	0.15	0.61	0.17	0.27	0.25	0.54	0.57	0.53	0.56	0.57	-0.04	-7%
NC_1038	120	4641	0.51	0.52	0.11	0.54	0.08	0.16	0.14	0.46	0.49	0.42	0.48	0.49	-0.05	-9%
NC_1039	120	4636	0.69	0.70	0.10	0.71	0.12	0.22	0.22	0.66	0.69	0.60	0.60	0.69	-0.02	-3%
NC_1040	120	4642	0.11	0.10	0.04	0.11	0.01	0.06	0.05	0.09	0.11	0.12	0.11	0.12	0.01	9%
NC_1041	120	4636	0.70	0.71	0.10	0.72	0.12	0.22	0.22	0.68	0.70	0.62	0.62	0.70	-0.02	-3%
NC_1042	120	4642	0.24	0.22	0.08	0.23	0.12	0.18	0.17	0.21	0.23	0.27	0.24	0.27	0.04	17%
NC_1043	120	4643	0.89	0.89	0.20	0.93	0.13	0.31	0.31	0.81	0.84	0.77	0.83	0.84	-0.09	-10%
NC_1044	120	4636	2.02	2.02	0.32	2.04	0.10	0.51	0.51	1.96	2.00	1.76	1.87	2.00	-0.04	-2%
NC_1045	180	4675	11.31	11.22	1.37	11.22	3.98	6.11	6.35	10.62	10.91	8.93	12.76	12.76	1.54	14%
NC_1046	120	4636	5.40	5.41	0.75	5.45	1.17	1.91	1.97	5.32	5.37	4.56	4.82	5.37	-0.08	-1%
NC_1047	120	4640	5.83	5.81	0.72	5.85	1.30	2.28	2.33	5.85	5.78	4.99	5.23	5.85	0.00	0%
NC_1048	120	4643	2.63	2.57	0.52	2.69	1.60	2.25	2.38	2.33	2.45	2.74	2.26	2.74	0.05	2%
NC_1049	90	4607	2.11	2.08	0.21	2.10	0.77	1.15	1.16	2.00	2.05	2.01	1.54	2.05	-0.05	-2%
NC_1050	90	4602	1.72	1.70	0.15	1.70	0.54	0.95	0.96	1.64	1.69	1.73	1.27	1.73	0.03	2%
NC_1051	20	4446	0.13	0.13	0.02	0.13	0.12	0.13	0.12	0.08	0.14	0.12	0.10	0.14	0.01	8%
NC_1052	120	4643	2.13	2.13	0.38	2.23	1.20	1.69	1.77	2.00	2.03	2.08	1.78	2.08	-0.15	-7%
NC_1053	20	4449	0.47	0.46	0.05	0.47	0.46	0.46	0.49	0.28	0.40	0.44	0.35	0.49	0.02	4%
NC_1054	45	4554	1.32	1.33	0.07	1.34	0.60	0.96	0.97	1.12	1.21	1.36	0.99	1.36	0.02	1%
NC_1055	20	4450	0.33	0.32	0.04	0.33	0.32	0.32	0.33	0.18	0.32	0.27	0.23	0.33	0.00	0%
NC_1056	10	4389	0.51	0.50	0.04	0.51	0.51	0.47	0.51	0.25	0.42	0.39	0.32	0.51	0.00	0%
NC_1057	10	4384	0.30	0.29	0.03	0.29	0.29	0.27	0.29	0.14	0.26	0.21	0.17	0.29	0.00	0%
NC_1058	90	4602	1.51	1.51	0.13	1.54	0.55	0.94	0.94	1.46	1.49	1.57	1.15	1.57	0.03	2%
NC_1059	120	4640	1.14	1.17	0.16	1.17	0.24	0.36	0.36	1.17	1.17	1.07	1.02	1.17	0.00	0%
NC_1060	20	4450	0.61	0.61	0.05	0.63	0.58	0.59	0.63	0.33	0.48	0.52	0.48	0.63	0.00	0%
NC_1061	45	4553	1.54	1.57	0.07	1.58	0.65	1.10	1.11	1.38	1.49	1.60	1.23	1.60	0.02	1%
NC_1062	90	4605	1.93	1.93	0.18	1.93	0.73	0.90	0.90	1.86	1.88	1.89	1.50	1.89	-0.04	-2%
NC_1063	45	4551	0.53	0.54	0.07	0.56	0.25	0.42	0.43	0.44	0.44	0.57	0.46	0.57	0.01	2%
NC_1064	45	4553	3.96	4.06	0.50	4.06	2.41	3.51	3.69	2.80	2.87	3.99	2.98	3.99	-0.07	-2%
NC_1065	45	4553	0.58	0.60	0.06	0.61	0.20	0.39	0.40	0.51	0.51	0.61	0.52	0.61	0.00	0%
NC_1066	20	4449	0.87	0.86	0.10	0.86	0.85	0.86	0.89	0.65	0.83	0.93	0.79	0.93	0.07	8%
NC_1067	20	4446	0.25	0.24	0.03	0.25	0.23	0.25	0.24	0.16	0.27	0.24	0.20	0.27	0.02	8%
NC_1068	60	4574	0.32	0.32	0.07	0.33	0.26	0.30	0.27	0.25	0.35	0.36	0.31	0.36	0.03	9%
NC_1069	10	4384	0.42	0.40	0.04	0.41	0.40	0.39	0.41	0.20	0.37	0.31	0.26	0.41	0.00	0%
NC_1070	10	4389	0.60	0.58	0.05	0.59	0.59	0.54	0.59	0.30	0.50	0.46	0.38	0.59	0.00	0%
NC_1071	20	4450	0.21	0.20	0.03	0.20	0.19	0.20	0.20	0.11	0.20	0.17	0.14	0.20	0.00	0%
NC_1072	60	4578	0.23	0.23	0.05	0.25	0.19	0.23	0.20	0.17	0.27	0.24	0.21	0.27	0.02	8%
NC_1073	20	4449	1.95	1.89	0.18	1.90	1.91	1.84	2.01	1.24	1.69	1.86	1.55	2.01	0.11	6%
NC_1074	20	4449	2.84	2.83	0.28	2.91	2.55	2.69	3.00	1.97	2.33	2.88	2.41	3.00	0.09	3%
NC_1075	20	4451	0.93	0.89	0.10	0.90	0.91	0.90	0.92	0.65	0.94	0.95	0.81	0.95	0.05	6%
NC_1076	120	4642	0.16	0.15	0.06	0.17	0.05	0.11	0.08	0.13	0.17	0.17	0.15	0.17	0.00	0%
NC_1077	120	4645	0.10	0.09	0.04	0.10	0.04	0.08	0.06	0.08	0.11	0.11	0.10	0.11	0.01	10%
NC_1078	20	4449	0.74	0.74	0.08	0.74	0.71	0.73	0.76	0.46	0.63	0.71	0.57	0.76	0.02	3%
NC_1079	45	4553	1.16	1.18	0.16	1.23	0.85	1.12	1.18	0.84	0.92	1.21	0.89	1.21	-0.02	-2%
NC_1080	20	4450	0.21	0.21	0.03	0.21	0.20	0.21	0.21	0.11	0.20	0.17	0.14	0.21	0.00	0%
NC_1081	120	4642	0.45	0.43	0.12	0.43	0.14	0.24	0.23	0.40	0.43	0.42	0.39	0.43	0.00	0%
NC_1082	45	4549	0.41	0.43	0.06	0.45	0.30	0.40	0.39	0.33	0.41	0.48	0.38	0.48	0.03	7%
NC_1083	120	4645	0.16	0.15	0.06	0.17	0.09	0.13	0.10	0.12	0.18	0.17	0.15	0.18	0.01	6%
NC_1084	120	4642	0.30	0.28	0.10	0.31	0.11	0.19	0.15	0.24	0.31	0.30	0.28	0.31	0.00	0%
NC_1085	120	4642	0.45	0.42	0.12	0.43	0.16	0.26	0.25	0.40	0.43	0.43	0.40	0.43	0.00	0%
NC_1086	60	4578	0.17	0.17	0.04	0.19	0.13	0.16	0.14	0.13	0.20	0.18	0.16	0.20	0.01	5%
NC_1087	120	4643	1.01	1.03	0.21	1.04	0.68	0.81	0.76	0.89	1.02	0.97	0.90	1.02	-0.02	-2%
NC_1088	20	4451	0.53	0.53	0.07	0.54	0.51	0.54	0.54	0.39	0.52	0.55	0.46	0.55	0.01	2%
NC_1089	120	4642	0.31	0.29	0.10	0.32	0.27	0.31	0.30	0.25	0.32	0.35	0.29	0.35	0.03	9%
NC_1090	60	4574	0.19	0.19	0.05	0.21	0.13	0.17	0.14	0.14	0.22	0.20	0.18	0.22	0.01	5%
NC_1091	20	4451	0.83	0.82	0.10	0.83	0.80	0.83	0.85	0.59	0.77	0.85	0.70	0.85	0.02	2%
NC_1092	120	4642	6.48	6.72	0.81	6.82	1.38	2.88	2.90	6.61	6.82	6.47	5.79	6.82	0.00	0%
NC_1093	120	4643	1.10	1.11	0.22	1.17	0.62	0.84	0.89	0.99	1.06	1.09	1.00	1.09	-0.08	-7%
NC_1094	45	4553	0.91	0.93	0.13	0.98	0.70	0.89	0.94	0.71	0.74	0.97	0.78	0.97	-0.01	-1%
NC_1095	20	4449	0.88	0.87	0.10	0.88	0.84	0.86	0.91	0.63	0.80	0.90	0.76	0.91	0.03	3%
NC_1096	120	4642	0.38	0.36	0.11	0.38	0.10	0.19	0.17	0.32	0.38	0.36	0.34	0.38	0.00	0%
NC_1097	120	4643	0.47	0.45	0.12	0.47	0.06	0.16	0.17	0.42	0.43	0.41	0.43	0.43	-0.04	-9%
NC_1098	20	4449	0.32	0.32	0.04	0.32	0.31	0.32	0.33	0.22	0.30	0.33	0.27	0.33	0.01	3%
NC_1099	25	4489	0.34	0.33	0.05	0.33	0.30	0.35	0.33	0.26	0.34	0.39	0.32	0.39	0.06	18%
NC_1100	120	4642	6.47	6.71	0.79	6.83	1.33	2.83	2.84	6.60	6.83	6.50	5.84	6.83	0.00	0%
NC_1101	45	4553	3.70	3.69	0.19	3.71	1.27	2.41	2.42	3.38	3.63	3.90	3.35	3.90	0.19	5%
NC_1102	120	4641	66.14	66.29	3.33	66.68	19.23	33.61	33.73	66.99	67.41	64.03	61.10	67.41	0.73	1%
NC_1103	20	4449	0.82	0.82	0.09	0.82	0.77	0.82	0.84	0.51	0.70	0.78	0.62	0.84	0.02	2%
NC_1104	20	4449	0.38	0.37	0.04	0.37	0.37	0.36	0.39	0.23	0.31	0.35	0.29	0.39	0.02	5%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_1105	720	4809	1.29	0.96	0.65	0.96	0.12	0.29	0.29	0.74	0.75	0.73	0.93	0.93	-0.03	-3%
NC_1106	120	4641	65.47	65.63	3.31	65.92	19.27	33.52	33.65	66.31	66.66	63.30	60.13	66.66	0.74	1%
NC_1107	45	4554	2.97	2.96	0.23	2.99	1.19	2.08	2.15	2.67	2.74	3.12	2.78	3.12	0.13	4%
NC_1108	20	4449	0.36	0.34	0.04	0.34	0.35	0.34	0.37	0.22	0.31	0.33	0.28	0.37	0.03	9%
NC_1109	45	4553	3.24	3.32	0.47	3.52	2.64	3.01	3.32	2.64	2.72	3.43	2.87	3.43	-0.09	-3%
NC_1110	45	4553	3.04	3.15	0.39	3.23	1.80	2.62	2.74	2.53	2.54	3.19	2.56	3.19	-0.04	-1%
NC_1111	20	4450	0.60	0.59	0.08	0.60	0.56	0.61	0.60	0.43	0.60	0.62	0.50	0.62	0.02	3%
NC_1112	120	4640	74.34	74.84	4.23	74.84	20.72	37.15	37.24	74.84	75.86	72.07	67.40	75.86	1.02	1%
NC_1113	120	4640	74.05	74.86	4.12	75.13	16.34	32.48	32.45	75.13	76.45	72.75	69.24	76.45	1.32	2%
NC_1114	120	4640	73.89	74.75	4.12	75.00	16.20	32.33	32.30	75.00	76.34	72.69	69.20	76.34	1.34	2%
NC_1115	20	4451	0.58	0.55	0.06	0.56	0.57	0.56	0.58	0.36	0.55	0.54	0.45	0.58	0.02	4%
NC_1116	10	4389	0.68	0.67	0.04	0.68	0.68	0.65	0.69	0.44	0.62	0.66	0.56	0.69	0.01	1%
NC_1117	25	4487	1.28	1.25	0.15	1.27	1.07	1.29	1.30	0.95	1.09	1.37	1.09	1.37	0.10	8%
NC_1118	20	4450	0.25	0.24	0.03	0.25	0.24	0.24	0.25	0.12	0.23	0.19	0.16	0.25	0.00	0%
NC_1119	45	4553	6.57	6.60	0.87	6.80	4.92	6.26	6.84	4.74	5.08	6.62	5.46	6.84	0.04	1%
NC_1120	20	4451	0.98	1.00	0.11	1.00	0.88	1.01	0.99	0.61	0.83	0.96	0.72	1.01	0.01	1%
NC_1121	120	4641	10.44	10.13	1.60	10.50	5.74	8.66	9.00	9.53	9.75	10.61	9.11	10.61	0.11	1%
NC_1122	20	4450	0.26	0.26	0.03	0.26	0.25	0.25	0.26	0.14	0.26	0.22	0.18	0.26	0.00	0%
NC_1123	10	4389	0.71	0.70	0.04	0.71	0.71	0.67	0.72	0.46	0.65	0.68	0.58	0.72	0.01	1%
NC_1124	120	4641	10.04	9.73	1.65	10.14	6.08	8.63	9.08	9.20	9.32	10.12	8.63	10.12	-0.02	0%
NC_1125	120	4641	10.08	9.76	1.70	10.22	6.33	8.82	9.30	9.24	9.31	10.20	8.59	10.20	-0.02	0%
NC_1126	20	4446	0.28	0.27	0.04	0.28	0.26	0.28	0.27	0.19	0.31	0.28	0.24	0.31	0.03	11%
NC_1127	10	4389	1.08	1.07	0.05	1.07	1.07	0.98	1.11	0.55	0.80	0.86	0.70	1.11	0.04	4%
NC_1128	10	4389	0.59	0.58	0.05	0.59	0.59	0.56	0.59	0.34	0.54	0.52	0.43	0.59	0.00	0%
NC_1129	20	4445	1.29	1.26	0.11	1.27	1.27	1.19	1.36	0.73	0.98	1.12	0.92	1.36	0.09	7%
NC_1130	20	4449	1.76	1.72	0.17	1.76	1.65	1.66	1.83	1.21	1.50	1.77	1.46	1.83	0.07	4%
NC_1131	120	4640	3.67	3.70	0.31	3.75	0.76	1.69	1.69	3.75	3.77	3.65	3.13	3.77	0.02	1%
NC_1132	20	4446	0.52	0.51	0.06	0.52	0.50	0.50	0.52	0.31	0.51	0.46	0.39	0.52	0.00	0%
NC_1133	20	4449	1.87	1.85	0.20	1.88	1.73	1.82	1.93	1.37	1.70	2.00	1.67	2.00	0.12	6%
NC_1134	20	4445	0.96	0.92	0.10	0.93	0.95	0.91	0.97	0.65	0.90	0.95	0.81	0.97	0.04	4%
NC_1135	20	4446	0.21	0.20	0.03	0.21	0.19	0.22	0.20	0.15	0.25	0.22	0.19	0.25	0.04	19%
NC_1136	120	4643	0.72	0.71	0.16	0.74	0.06	0.23	0.23	0.65	0.67	0.64	0.68	0.68	-0.06	-8%
NC_1137	45	4553	2.89	2.98	0.40	3.04	1.80	2.55	2.71	2.18	2.22	3.00	2.33	3.00	-0.04	-1%
NC_1138	20	4450	0.29	0.28	0.04	0.28	0.27	0.28	0.28	0.16	0.28	0.24	0.20	0.28	0.00	0%
NC_1139	10	4389	0.76	0.75	0.06	0.76	0.76	0.72	0.78	0.43	0.68	0.65	0.54	0.78	0.02	3%
NC_1140	20	4450	0.49	0.50	0.07	0.50	0.46	0.51	0.50	0.33	0.46	0.50	0.40	0.51	0.01	2%
NC_1141	45	4554	2.37	2.39	0.10	2.40	1.25	1.85	1.88	2.25	2.36	2.50	2.09	2.50	0.10	4%
NC_1142	90	4605	2.37	2.36	0.21	2.46	1.19	1.81	1.84	2.36	2.40	2.55	2.12	2.55	0.09	4%
NC_1143	20	4450	0.41	0.40	0.05	0.40	0.40	0.40	0.40	0.28	0.42	0.41	0.35	0.42	0.02	5%
NC_1144	90	4602	2.66	2.64	0.18	2.68	1.18	1.83	1.85	2.69	2.67	2.77	2.28	2.77	0.09	3%
NC_1145	90	4602	2.90	2.88	0.21	2.89	1.24	1.84	1.87	2.90	2.86	2.92	2.39	2.92	0.03	1%
NC_1146	20	4450	0.32	0.31	0.04	0.31	0.30	0.31	0.31	0.18	0.31	0.27	0.22	0.31	0.00	0%
NC_1147	20	4449	0.32	0.31	0.03	0.31	0.31	0.31	0.32	0.21	0.29	0.31	0.26	0.32	0.01	3%
NC_1148	90	4605	3.19	3.17	0.27	3.17	1.34	1.93	1.97	3.14	3.14	3.13	2.55	3.14	-0.03	-1%
NC_1149	20	4451	0.41	0.39	0.05	0.40	0.40	0.40	0.40	0.26	0.40	0.38	0.33	0.40	0.00	0%
NC_1150	20	4451	0.27	0.27	0.04	0.27	0.26	0.27	0.27	0.16	0.28	0.24	0.21	0.28	0.01	4%
NC_1151	25	4487	0.68	0.65	0.09	0.66	0.60	0.68	0.68	0.51	0.62	0.74	0.62	0.74	0.08	12%
NC_1152	45	4553	0.80	0.83	0.12	0.87	0.70	0.80	0.82	0.61	0.73	0.89	0.73	0.89	0.02	2%
NC_1153	45	4553	0.83	0.85	0.13	0.90	0.71	0.82	0.84	0.63	0.76	0.92	0.76	0.92	0.02	2%
NC_1154	20	4446	0.82	0.79	0.09	0.80	0.80	0.78	0.80	0.48	0.78	0.73	0.62	0.80	0.00	0%
NC_1155	25	4487	1.37	1.33	0.16	1.35	1.13	1.38	1.38	0.95	1.17	1.43	1.07	1.43	0.08	6%
NC_1156	20	4449	1.38	1.39	0.13	1.42	1.24	1.30	1.47	0.91	1.08	1.34	1.10	1.47	0.05	4%
NC_1157	45	4553	1.64	1.70	0.23	1.76	1.06	1.50	1.58	1.23	1.29	1.72	1.29	1.72	-0.04	-2%
NC_1158	45	4553	3.07	3.17	0.40	3.19	1.70	2.57	2.71	2.36	2.32	3.18	2.50	3.18	-0.01	0%
NC_1159	45	4553	3.13	3.21	0.40	3.23	1.67	2.57	2.71	2.42	2.35	3.23	2.57	3.23	0.00	0%
NC_1160	45	4552	3.23	3.31	0.37	3.32	1.59	2.55	2.67	2.55	2.49	3.34	2.71	3.34	0.02	1%
NC_1161	120	4642	1.22	1.22	0.29	1.23	0.78	0.79	0.79	1.05	1.23	1.05	1.06	1.23	0.00	0%
NC_1162	60	4578	0.29	0.29	0.07	0.32	0.26	0.29	0.27	0.22	0.34	0.31	0.27	0.34	0.02	6%
NC_1163	20	4451	0.40	0.38	0.04	0.38	0.39	0.38	0.39	0.25	0.39	0.37	0.32	0.39	0.01	3%
NC_1164	120	4641	0.93	0.95	0.18	0.99	0.36	0.40	0.38	0.85	0.90	0.81	0.88	0.90	-0.09	-9%
NC_1165	20	4446	0.21	0.20	0.03	0.21	0.19	0.21	0.20	0.15	0.24	0.22	0.18	0.24	0.03	14%
NC_1166	10	4389	0.61	0.59	0.06	0.59	0.59	0.56	0.61	0.30	0.52	0.46	0.38	0.61	0.02	3%
NC_1167	120	4643	1.51	1.50	0.33	1.57	1.01	1.17	1.15	1.35	1.42	1.40	1.34	1.42	-0.15	-10%
NC_1168	45	4554	4.67	4.66	0.28	4.66	1.55	2.99	3.04	4.33	4.57	5.01	4.38	5.01	0.35	8%
NC_1169	120	4642	0.93	0.93	0.10	0.93	0.07	0.26	0.26	0.95	0.93	0.79	0.83	0.95	0.02	2%
NC_1170	120	4642	0.53	0.53	0.05	0.54	0.11	0.17	0.18	0.55	0.54	0.46	0.49	0.55	0.01	2%
NC_1171	120	4642	0.17	0.15	0.06	0.17	0.00	0.08	0.07	0.14	0.17	0.17	0.16	0.17	0.00	0%
NC_1172	120	4642	0.28	0.26	0.09	0.26	0.03	0.11	0.10	0.25	0.26	0.26	0.26	0.26	0.00	0%
NC_1173	120	4636	1.40	1.41	0.14	1.44	0.35	0.60	0.60	1.44	1.39	1.15	1.21	1.44	0.00	0%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_1174	20	4451	0.35	0.34	0.05	0.34	0.33	0.34	0.34	0.23	0.37	0.33	0.28	0.37	0.03	9%
NC_1175	20	4450	0.28	0.27	0.04	0.27	0.27	0.27	0.27	0.15	0.27	0.23	0.20	0.27	0.00	0%
NC_1176	120	4643	0.66	0.63	0.17	0.65	0.07	0.23	0.23	0.59	0.60	0.59	0.60	0.60	-0.05	-8%
NC_1177	120	4638	4.80	4.87	0.84	4.90	1.48	2.93	2.97	4.54	4.83	5.17	4.47	5.17	0.27	6%
NC_1178	120	4640	1.46	1.45	0.13	1.48	0.25	0.54	0.54	1.48	1.43	1.21	1.27	1.48	0.00	0%
NC_1179	120	4642	0.16	0.15	0.06	0.16	0.04	0.10	0.08	0.13	0.16	0.17	0.15	0.17	0.01	6%
NC_1180	20	4451	0.26	0.25	0.03	0.26	0.25	0.26	0.25	0.15	0.27	0.23	0.19	0.27	0.01	4%
NC_1181	25	4489	0.57	0.55	0.07	0.56	0.44	0.57	0.56	0.43	0.53	0.63	0.50	0.63	0.07	13%
NC_1182	45	4551	0.84	0.88	0.11	0.90	0.42	0.68	0.70	0.70	0.70	0.91	0.73	0.91	0.01	1%
NC_1183	120	4643	0.86	0.85	0.19	0.90	0.23	0.41	0.43	0.76	0.81	0.74	0.78	0.81	-0.09	-10%
NC_1184	25	4489	0.27	0.26	0.04	0.26	0.24	0.27	0.27	0.20	0.27	0.30	0.25	0.30	0.04	15%
NC_1185	120	4641	0.62	0.62	0.12	0.65	0.09	0.20	0.20	0.56	0.60	0.51	0.58	0.60	-0.05	-8%
NC_1186	120	4645	0.16	0.15	0.06	0.17	0.07	0.12	0.09	0.13	0.18	0.17	0.15	0.18	0.01	6%
NC_1187	120	4640	1.55	1.54	0.15	1.57	0.24	0.57	0.58	1.57	1.51	1.28	1.34	1.57	0.00	0%
NC_1188	120	4641	1.23	1.25	0.24	1.32	0.26	0.44	0.45	1.11	1.19	1.06	1.15	1.19	-0.13	-10%
NC_1189	20	4446	0.23	0.23	0.03	0.23	0.21	0.24	0.22	0.16	0.26	0.23	0.20	0.26	0.03	13%
NC_1190	45	4553	3.30	3.40	0.37	3.42	1.63	2.63	2.71	2.69	2.65	3.44	2.77	3.44	0.02	1%
NC_1191	10	4389	0.62	0.60	0.06	0.61	0.61	0.58	0.62	0.31	0.55	0.48	0.40	0.62	0.01	2%
NC_1192	45	4549	1.31	1.35	0.18	1.43	1.20	1.28	1.32	1.03	1.26	1.46	1.24	1.46	0.03	2%
NC_1193	45	4553	2.08	2.16	0.27	2.19	1.16	1.78	1.86	1.65	1.59	2.15	1.74	2.15	-0.04	-2%
NC_1194	45	4553	9.61	9.70	1.23	9.89	6.86	9.00	9.68	6.95	7.34	9.70	7.71	9.70	-0.19	-2%
NC_1195	10	4389	0.84	0.83	0.05	0.84	0.84	0.79	0.86	0.52	0.73	0.78	0.65	0.86	0.02	2%
NC_1196	10	4389	0.66	0.65	0.05	0.66	0.66	0.63	0.68	0.41	0.61	0.62	0.53	0.68	0.02	3%
NC_1197	10	4389	0.37	0.35	0.03	0.36	0.36	0.34	0.36	0.17	0.32	0.27	0.22	0.36	0.00	0%
NC_1198	10	4389	0.49	0.47	0.04	0.48	0.48	0.45	0.49	0.23	0.42	0.36	0.29	0.49	0.01	2%
NC_1199	45	4553	5.16	5.21	0.63	5.36	4.17	5.09	5.39	3.76	4.15	5.27	4.19	5.39	0.03	1%
NC_1200	10	4389	0.48	0.47	0.04	0.47	0.47	0.45	0.48	0.23	0.42	0.36	0.30	0.48	0.01	2%
NC_1201	45	4553	4.26	4.31	0.53	4.46	3.49	4.20	4.43	3.17	3.50	4.41	3.54	4.43	-0.03	-1%
NC_1202	10	4389	0.59	0.57	0.05	0.58	0.58	0.54	0.58	0.29	0.49	0.45	0.37	0.58	0.00	0%
NC_1203	20	4451	0.82	0.81	0.10	0.82	0.80	0.82	0.84	0.54	0.76	0.80	0.65	0.84	0.02	2%
NC_1204	20	4449	0.90	0.86	0.09	0.86	0.88	0.85	0.92	0.56	0.77	0.84	0.70	0.92	0.06	7%
NC_1205	10	4389	0.70	0.69	0.05	0.69	0.69	0.65	0.71	0.37	0.60	0.57	0.47	0.71	0.02	3%
NC_1206	10	4384	0.30	0.29	0.03	0.29	0.29	0.28	0.30	0.14	0.27	0.22	0.18	0.30	0.01	3%
NC_1207	10	4389	0.61	0.60	0.05	0.61	0.61	0.57	0.62	0.31	0.51	0.48	0.40	0.62	0.01	2%
NC_1208	20	4450	0.41	0.40	0.05	0.41	0.40	0.39	0.41	0.22	0.38	0.33	0.28	0.41	0.00	0%
NC_1209	10	4389	0.70	0.69	0.05	0.70	0.70	0.67	0.71	0.43	0.65	0.65	0.54	0.71	0.01	1%
NC_1210	120	4642	0.44	0.41	0.14	0.45	0.39	0.44	0.42	0.36	0.45	0.48	0.41	0.48	0.03	7%
NC_1211	10	4389	1.32	1.30	0.07	1.31	1.31	1.22	1.33	0.81	1.13	1.21	1.01	1.33	0.02	2%
NC_1212	10	4389	0.83	0.82	0.05	0.82	0.82	0.76	0.84	0.44	0.66	0.68	0.56	0.84	0.02	2%
NC_1213	60	4578	0.21	0.21	0.05	0.23	0.18	0.21	0.19	0.15	0.24	0.22	0.19	0.24	0.01	4%
NC_1214	20	4450	0.25	0.24	0.03	0.25	0.24	0.24	0.25	0.14	0.25	0.21	0.18	0.25	0.00	0%
NC_1215	45	4553	5.98	6.04	0.76	6.25	4.66	5.87	6.22	4.35	4.76	6.15	4.87	6.22	-0.03	0%
NC_1216	45	4553	1.62	1.66	0.22	1.72	1.43	1.55	1.70	1.21	1.38	1.69	1.40	1.70	-0.02	-1%
NC_1217	20	4450	0.29	0.28	0.04	0.28	0.28	0.28	0.29	0.15	0.27	0.23	0.19	0.29	0.01	4%
NC_1218	20	4450	0.52	0.52	0.07	0.52	0.48	0.53	0.52	0.36	0.52	0.53	0.42	0.53	0.01	2%
NC_1219	45	4553	1.64	1.69	0.23	1.74	1.03	1.43	1.54	1.30	1.28	1.70	1.39	1.70	-0.04	-2%
NC_1220	10	4389	1.33	1.32	0.09	1.32	1.32	1.26	1.37	0.72	1.11	1.11	0.91	1.37	0.05	4%
NC_1221	10	4384	0.33	0.32	0.03	0.32	0.32	0.31	0.32	0.16	0.30	0.25	0.21	0.32	0.00	0%
NC_1222	20	4449	1.04	1.01	0.10	1.02	1.02	0.98	1.08	0.65	0.87	0.99	0.84	1.08	0.06	6%
NC_1223	10	4389	0.60	0.59	0.05	0.60	0.60	0.55	0.60	0.29	0.49	0.46	0.38	0.60	0.00	0%
NC_1224	20	4446	0.32	0.31	0.04	0.31	0.30	0.32	0.30	0.23	0.35	0.33	0.28	0.35	0.04	13%
NC_1225	25	4487	0.85	0.81	0.12	0.81	0.77	0.85	0.85	0.66	0.81	0.94	0.79	0.94	0.13	16%
NC_1226	45	4551	0.69	0.70	0.09	0.73	0.48	0.66	0.62	0.57	0.67	0.79	0.62	0.79	0.06	8%
NC_1227	45	4553	10.72	10.88	1.36	10.93	6.92	9.70	10.30	7.86	8.03	10.81	8.59	10.81	-0.12	-1%
NC_1228	45	4552	12.08	12.26	1.50	12.34	7.37	10.69	11.27	8.85	8.88	12.13	9.63	12.13	-0.21	-2%
NC_1229	20	4449	1.65	1.67	0.17	1.72	1.42	1.63	1.73	1.04	1.26	1.59	1.21	1.73	0.01	1%
NC_1230	10	4389	0.68	0.67	0.05	0.68	0.68	0.63	0.69	0.35	0.57	0.54	0.45	0.69	0.01	1%
NC_1231	10	4389	1.05	1.04	0.05	1.04	1.04	0.97	1.07	0.59	0.85	0.90	0.75	1.07	0.03	3%
NC_1232	120	4642	0.32	0.30	0.11	0.34	0.13	0.22	0.16	0.26	0.34	0.32	0.30	0.34	0.00	0%
NC_1233	120	4638	1.48	1.31	0.46	1.32	0.96	1.17	1.23	1.29	1.30	1.60	1.43	1.60	0.28	21%
NC_1234	120	4642	1.22	1.08	0.39	1.09	0.65	0.78	0.79	1.05	1.09	1.26	1.19	1.26	0.17	16%
NC_1235	120	4643	0.95	0.93	0.22	0.98	0.54	0.65	0.65	0.85	0.89	0.86	0.86	0.89	-0.09	-9%
NC_1236	60	4578	0.20	0.20	0.05	0.22	0.17	0.20	0.18	0.14	0.23	0.21	0.18	0.23	0.01	5%
NC_1237	120	4643	1.30	1.32	0.26	1.35	0.84	1.06	0.98	1.18	1.30	1.25	1.15	1.30	-0.05	-4%
NC_1238	20	4450	0.33	0.32	0.04	0.33	0.31	0.33	0.33	0.25	0.34	0.36	0.32	0.36	0.03	9%
NC_1239	120	4642	1.63	1.61	0.38	1.61	1.19	1.40	1.34	1.40	1.61	1.65	1.38	1.65	0.04	2%
NC_1240	120	4643	1.78	1.73	0.42	1.75	1.38	1.57	1.58	1.54	1.72	1.85	1.53	1.85	0.10	6%
NC_1241	20	4451	0.43	0.41	0.05	0.41	0.42	0.41	0.42	0.26	0.42	0.39	0.33	0.42	0.01	2%
NC_1242	10	4389	0.55	0.54	0.04	0.54	0.54	0.51	0.55	0.35	0.50	0.52	0.45	0.55	0.01	2%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_1243	10	4389	0.50	0.49	0.04	0.49	0.49	0.47	0.50	0.29	0.46	0.44	0.37	0.50	0.01	2%
NC_1244	10	4389	1.06	1.05	0.07	1.06	1.06	0.98	1.07	0.66	0.97	1.00	0.85	1.07	0.01	1%
NC_1245	20	4446	0.45	0.44	0.05	0.44	0.44	0.43	0.45	0.26	0.43	0.40	0.34	0.45	0.01	2%
NC_1246	20	4450	0.35	0.34	0.04	0.35	0.34	0.33	0.35	0.18	0.32	0.28	0.23	0.35	0.00	0%
NC_1247	10	4389	0.53	0.51	0.04	0.52	0.52	0.48	0.52	0.27	0.45	0.41	0.34	0.52	0.00	0%
NC_1248	10	4389	0.71	0.70	0.06	0.71	0.71	0.68	0.72	0.42	0.64	0.63	0.53	0.72	0.01	1%
NC_1249	120	4642	0.30	0.28	0.09	0.28	0.05	0.14	0.13	0.26	0.28	0.29	0.27	0.29	0.01	4%
NC_1250	120	4642	1.45	1.29	0.46	1.30	0.95	1.15	1.19	1.25	1.30	1.57	1.39	1.57	0.27	21%
NC_1251	120	4642	0.15	0.15	0.06	0.17	0.05	0.11	0.08	0.12	0.17	0.16	0.15	0.17	0.00	0%
NC_1252	120	4642	0.69	0.62	0.23	0.63	0.43	0.49	0.49	0.59	0.63	0.75	0.71	0.75	0.12	19%
NC_1253	120	4642	0.47	0.43	0.16	0.45	0.17	0.24	0.22	0.39	0.45	0.49	0.46	0.49	0.04	9%
NC_1254	120	4642	0.16	0.15	0.06	0.17	0.02	0.09	0.07	0.13	0.17	0.17	0.16	0.17	0.00	0%
NC_1255	120	4638	1.01	0.89	0.33	0.90	0.39	0.57	0.59	0.89	0.87	1.05	0.99	1.05	0.15	17%
NC_1256	120	4643	1.34	1.25	0.37	1.26	0.55	0.80	0.76	1.20	1.21	1.28	1.25	1.28	0.02	2%
NC_1257	120	4643	1.38	1.30	0.38	1.32	0.57	0.80	0.79	1.25	1.23	1.32	1.30	1.32	0.00	0%
NC_1258	120	4645	0.17	0.16	0.06	0.18	0.11	0.16	0.12	0.13	0.20	0.19	0.16	0.20	0.02	11%
NC_1259	120	4643	3.64	3.39	1.03	3.41	1.72	2.25	2.32	3.27	3.17	3.56	3.43	3.56	0.15	4%
NC_1260	120	4645	0.25	0.23	0.09	0.26	0.15	0.20	0.16	0.19	0.27	0.26	0.23	0.27	0.01	4%
NC_1261	120	4638	76.67	77.96	4.28	78.07	15.80	32.30	32.27	77.85	79.54	76.91	73.95	79.54	1.47	2%
NC_1262	120	4643	0.28	0.25	0.09	0.25	0.02	0.09	0.09	0.24	0.25	0.26	0.26	0.26	0.01	4%
NC_1263	10	4389	0.88	0.86	0.08	0.87	0.87	0.80	0.88	0.52	0.73	0.68	0.60	0.88	0.01	1%
NC_1264	120	4642	0.60	0.53	0.19	0.53	0.25	0.31	0.30	0.52	0.53	0.59	0.57	0.59	0.06	11%
NC_1265	120	4638	0.82	0.72	0.27	0.72	0.45	0.52	0.51	0.71	0.72	0.85	0.79	0.85	0.13	18%
NC_1266	120	4638	1.54	1.38	0.48	1.39	0.67	0.85	0.89	1.37	1.30	1.54	1.48	1.54	0.15	11%
NC_1267	120	4645	0.17	0.16	0.06	0.18	0.11	0.15	0.12	0.13	0.20	0.19	0.17	0.20	0.02	11%
NC_1268	60	4578	0.19	0.19	0.05	0.20	0.17	0.20	0.18	0.14	0.22	0.20	0.17	0.22	0.02	10%
NC_1269	120	4643	1.62	1.49	0.49	1.49	0.66	0.89	0.96	1.45	1.36	1.61	1.57	1.61	0.12	8%
NC_1270	60	4574	0.41	0.41	0.09	0.43	0.34	0.37	0.35	0.32	0.44	0.45	0.40	0.45	0.02	5%
NC_1271	120	4643	1.62	1.53	0.44	1.55	0.77	1.00	0.99	1.46	1.49	1.55	1.50	1.55	0.00	0%
NC_1272	120	4645	0.07	0.06	0.03	0.07	0.00	0.04	0.03	0.05	0.07	0.07	0.07	0.07	0.00	0%
NC_1273	120	4641	2.94	2.93	0.37	2.99	0.35	0.98	0.99	2.84	2.87	2.51	2.64	2.87	-0.12	-4%
NC_1274	45	4553	0.78	0.80	0.11	0.84	0.69	0.79	0.81	0.58	0.70	0.85	0.69	0.85	0.01	1%
NC_1275	45	4553	1.48	1.53	0.19	1.53	0.80	1.23	1.29	1.14	1.10	1.52	1.20	1.52	-0.01	-1%
NC_1276	10	4389	0.54	0.53	0.05	0.53	0.53	0.51	0.54	0.31	0.50	0.48	0.40	0.54	0.01	2%
NC_1277	120	4642	0.50	0.44	0.17	0.46	0.25	0.32	0.31	0.42	0.46	0.53	0.49	0.53	0.07	15%
NC_1278	20	4445	4.38	4.27	0.35	4.36	4.32	3.92	4.60	2.25	3.14	3.55	2.85	4.60	0.24	6%
NC_1279	20	4455	6.37	6.40	0.53	6.49	5.64	6.02	6.79	3.52	4.41	5.55	4.23	6.79	0.30	5%
NC_1280	10	4389	1.04	1.03	0.08	1.04	1.04	0.91	1.04	0.46	0.76	0.73	0.59	1.04	0.00	0%
NC_1281	10	4389	0.43	0.41	0.04	0.41	0.41	0.39	0.42	0.19	0.35	0.30	0.24	0.42	0.01	2%
NC_1282	20	4450	0.28	0.27	0.03	0.28	0.27	0.27	0.28	0.14	0.26	0.22	0.18	0.28	0.00	0%
NC_1283	10	4389	4.25	4.20	0.16	4.21	4.21	3.79	4.43	2.14	3.10	3.38	2.74	4.43	0.22	5%
NC_1284	10	4389	0.71	0.69	0.06	0.70	0.70	0.62	0.70	0.31	0.54	0.50	0.41	0.70	0.00	0%
NC_1285	20	4450	0.34	0.33	0.04	0.34	0.33	0.32	0.34	0.17	0.32	0.27	0.22	0.34	0.00	0%
NC_1286	20	4450	0.28	0.28	0.03	0.28	0.27	0.27	0.28	0.14	0.26	0.22	0.18	0.28	0.00	0%
NC_1287	20	4450	0.25	0.25	0.03	0.25	0.24	0.25	0.25	0.14	0.25	0.21	0.18	0.25	0.00	0%
NC_1288	10	4389	0.90	0.89	0.08	0.89	0.89	0.82	0.91	0.44	0.73	0.68	0.56	0.91	0.02	2%
NC_1289	20	4450	0.26	0.25	0.03	0.25	0.25	0.25	0.25	0.13	0.25	0.21	0.17	0.25	0.00	0%
NC_1290	20	4451	0.46	0.44	0.05	0.44	0.45	0.44	0.46	0.28	0.44	0.42	0.35	0.46	0.02	5%
NC_1291	20	4450	0.29	0.28	0.04	0.28	0.27	0.28	0.28	0.16	0.29	0.25	0.21	0.29	0.01	4%
NC_1292	20	4446	0.28	0.27	0.04	0.27	0.26	0.29	0.27	0.20	0.32	0.30	0.25	0.32	0.05	19%
NC_1293	20	4451	0.46	0.44	0.05	0.45	0.45	0.45	0.46	0.32	0.48	0.47	0.40	0.48	0.03	7%
NC_1294	20	4449	0.65	0.65	0.08	0.65	0.62	0.65	0.66	0.49	0.64	0.70	0.60	0.70	0.05	8%
NC_1295	20	4451	0.22	0.22	0.03	0.22	0.21	0.22	0.22	0.13	0.23	0.20	0.17	0.23	0.01	5%
NC_1296	20	4445	1.74	1.68	0.15	1.69	1.71	1.60	1.78	1.19	1.54	1.75	1.50	1.78	0.09	5%
NC_1297	45	4553	2.39	2.48	0.33	2.56	1.33	1.99	2.10	1.95	1.89	2.53	2.08	2.53	-0.03	-1%
NC_1298	20	4450	0.29	0.28	0.04	0.29	0.28	0.28	0.29	0.15	0.27	0.23	0.19	0.29	0.00	0%
NC_1299	20	4450	0.26	0.25	0.03	0.25	0.24	0.25	0.25	0.14	0.25	0.22	0.18	0.25	0.00	0%
NC_1300	20	4450	0.28	0.27	0.04	0.27	0.26	0.27	0.27	0.15	0.27	0.24	0.20	0.27	0.00	0%
NC_1301	120	4636	9.81	9.73	0.94	9.75	4.46	7.07	7.10	9.34	9.72	9.89	8.65	9.89	0.14	1%
NC_1302	20	4450	0.29	0.29	0.04	0.29	0.28	0.28	0.29	0.15	0.28	0.23	0.19	0.29	0.00	0%
NC_1303	20	4449	0.34	0.34	0.04	0.34	0.31	0.34	0.34	0.25	0.33	0.36	0.30	0.36	0.02	6%
NC_1304	45	4553	2.17	2.26	0.31	2.36	1.36	1.91	2.02	1.75	1.76	2.32	1.87	2.32	-0.04	-2%
NC_1305	20	4450	0.28	0.28	0.04	0.28	0.27	0.27	0.28	0.15	0.27	0.23	0.19	0.28	0.00	0%
NC_1306	10	4389	0.50	0.49	0.04	0.49	0.49	0.47	0.50	0.27	0.45	0.42	0.35	0.50	0.01	2%
NC_1307	10	4389	0.75	0.74	0.05	0.74	0.74	0.70	0.75	0.45	0.66	0.67	0.57	0.75	0.01	1%
NC_1308	20	4450	0.27	0.26	0.03	0.27	0.26	0.26	0.27	0.14	0.25	0.21	0.18	0.27	0.00	0%
NC_1309	10	4389	0.47	0.46	0.04	0.46	0.46	0.44	0.47	0.25	0.42	0.38	0.32	0.47	0.01	2%
NC_1310	20	4449	2.33	2.28	0.21	2.30	2.21	2.14	2.43	1.61	2.00	2.35	2.03	2.43	0.13	6%
NC_1311	20	4449	1.72	1.66	0.16	1.67	1.66	1.61	1.77	1.21	1.56	1.76	1.53	1.77	0.10	6%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_1312	20	4451	0.52	0.51	0.06	0.52	0.50	0.52	0.53	0.31	0.47	0.48	0.38	0.53	0.01	2%
NC_1313	20	4451	0.63	0.60	0.07	0.60	0.62	0.60	0.64	0.37	0.58	0.56	0.46	0.64	0.04	7%
NC_1314	20	4450	0.27	0.27	0.03	0.27	0.26	0.26	0.27	0.14	0.26	0.22	0.18	0.27	0.00	0%
NC_1315	20	4450	0.27	0.27	0.04	0.27	0.26	0.27	0.27	0.15	0.27	0.23	0.20	0.27	0.00	0%
NC_1316	20	4451	0.27	0.27	0.04	0.27	0.26	0.27	0.27	0.16	0.28	0.24	0.20	0.28	0.01	4%
NC_1317	10	4389	0.95	0.93	0.06	0.94	0.94	0.90	0.95	0.64	0.89	0.94	0.81	0.95	0.01	1%
NC_1318	20	4450	0.32	0.31	0.04	0.32	0.31	0.31	0.32	0.17	0.30	0.26	0.22	0.32	0.00	0%
NC_1319	90	4602	3.59	3.55	0.15	3.56	1.45	2.43	2.46	3.60	3.60	3.76	3.10	3.76	0.20	6%
NC_1320	10	4389	0.57	0.56	0.05	0.56	0.56	0.53	0.57	0.31	0.50	0.48	0.40	0.57	0.01	2%
NC_1321	45	4553	2.67	2.75	0.32	2.75	1.54	2.27	2.37	2.11	2.07	2.75	2.19	2.75	0.00	0%
NC_1322	45	4552	2.68	2.74	0.30	2.75	1.49	2.23	2.32	2.13	2.11	2.75	2.20	2.75	0.00	0%
NC_1323	60	4578	0.13	0.13	0.03	0.14	0.11	0.14	0.12	0.09	0.16	0.14	0.12	0.16	0.02	14%
NC_1324	45	4553	8.19	8.36	0.67	8.37	3.72	6.10	6.26	7.33	7.82	8.61	7.25	8.61	0.24	3%
NC_1325	120	4642	2.36	2.21	0.63	2.22	1.67	1.96	1.99	2.08	2.22	2.51	2.10	2.51	0.29	13%
NC_1326	60	4578	0.15	0.15	0.04	0.16	0.11	0.14	0.12	0.11	0.18	0.16	0.14	0.18	0.02	13%
NC_1327	120	4643	2.37	2.39	0.48	2.46	1.17	1.81	1.85	2.16	2.25	2.45	2.19	2.45	-0.01	0%
NC_1328	20	4449	0.37	0.37	0.04	0.37	0.36	0.37	0.38	0.24	0.34	0.36	0.30	0.38	0.01	3%
NC_1329	20	4446	0.25	0.24	0.04	0.25	0.23	0.25	0.24	0.17	0.28	0.25	0.21	0.28	0.03	12%
NC_1330	120	4642	1.03	0.97	0.28	0.97	0.54	0.79	0.78	0.92	0.97	1.08	0.92	1.08	0.11	11%
NC_1331	120	4642	0.30	0.27	0.10	0.28	0.16	0.22	0.21	0.25	0.29	0.33	0.29	0.33	0.05	18%
NC_1332	120	4645	0.23	0.21	0.08	0.24	0.16	0.21	0.17	0.18	0.26	0.25	0.22	0.26	0.02	8%
NC_1333	120	4643	1.79	1.78	0.40	1.82	1.18	1.51	1.48	1.61	1.74	1.81	1.62	1.81	-0.01	-1%
NC_1334	120	4643	1.29	1.24	0.32	1.27	0.57	0.80	0.82	1.16	1.16	1.23	1.18	1.23	-0.04	-3%
NC_1335	20	4449	1.86	1.83	0.19	1.85	1.81	1.81	1.92	1.56	1.71	2.03	1.74	2.03	0.18	10%
NC_1336	20	4449	1.44	1.41	0.13	1.43	1.37	1.35	1.50	1.09	1.20	1.46	1.31	1.50	0.07	5%
NC_1337	45	4553	3.01	3.09	0.42	3.29	2.60	2.93	3.06	2.49	2.66	3.28	2.76	3.28	-0.01	0%
NC_1338	20	4451	0.64	0.61	0.07	0.62	0.63	0.62	0.63	0.45	0.65	0.65	0.56	0.65	0.03	5%
NC_1339	120	4642	0.34	0.32	0.10	0.34	0.09	0.18	0.15	0.29	0.34	0.32	0.31	0.34	0.00	0%
NC_1340	20	4446	0.21	0.21	0.03	0.22	0.20	0.22	0.21	0.14	0.24	0.21	0.18	0.24	0.02	9%
NC_1341	120	4642	0.48	0.46	0.16	0.51	0.44	0.47	0.46	0.39	0.51	0.52	0.45	0.52	0.01	2%
NC_1342	120	4642	0.26	0.24	0.08	0.26	0.16	0.19	0.17	0.21	0.26	0.26	0.24	0.26	0.00	0%
NC_1343	120	4642	0.93	0.86	0.31	0.92	0.91	0.90	0.94	0.77	0.92	1.01	0.89	1.01	0.09	10%
NC_1344	120	4645	0.29	0.27	0.10	0.31	0.21	0.26	0.22	0.23	0.33	0.31	0.27	0.33	0.02	6%
NC_1345	120	4645	0.16	0.15	0.06	0.17	0.07	0.12	0.09	0.12	0.17	0.17	0.15	0.17	0.00	0%
NC_1346	60	4578	0.18	0.19	0.04	0.20	0.14	0.18	0.15	0.14	0.22	0.20	0.17	0.22	0.02	10%
NC_1347	120	4642	0.97	0.91	0.34	1.01	0.79	0.84	0.80	0.78	1.01	1.07	0.95	1.07	0.06	6%
NC_1348	20	4451	0.24	0.23	0.03	0.23	0.22	0.23	0.23	0.13	0.24	0.20	0.17	0.24	0.01	4%
NC_1349	20	4451	0.69	0.67	0.08	0.67	0.68	0.67	0.70	0.45	0.66	0.66	0.56	0.70	0.03	4%
NC_1350	45	4549	3.26	3.36	0.44	3.55	3.06	3.04	3.38	2.60	2.97	3.55	3.13	3.55	0.00	0%
NC_1351	20	4451	0.48	0.46	0.05	0.46	0.47	0.46	0.48	0.30	0.47	0.45	0.38	0.48	0.02	4%
NC_1352	20	4450	0.30	0.29	0.04	0.29	0.28	0.29	0.29	0.17	0.30	0.26	0.22	0.30	0.01	3%
NC_1353	20	4451	0.24	0.24	0.03	0.24	0.23	0.24	0.24	0.15	0.25	0.22	0.19	0.25	0.01	4%
NC_1354	20	4451	0.69	0.66	0.08	0.67	0.67	0.67	0.69	0.46	0.67	0.67	0.57	0.69	0.02	3%
NC_1355	20	4451	0.47	0.44	0.05	0.45	0.45	0.45	0.46	0.29	0.46	0.43	0.36	0.46	0.01	2%
NC_1356	45	4549	3.45	3.56	0.50	3.79	3.06	3.14	3.56	2.77	3.05	3.74	3.31	3.74	-0.05	-1%
NC_1357	20	4450	0.18	0.17	0.02	0.17	0.17	0.17	0.17	0.09	0.17	0.14	0.12	0.17	0.00	0%
NC_1358	20	4449	0.91	0.90	0.10	0.91	0.88	0.89	0.94	0.65	0.84	0.95	0.80	0.95	0.04	4%
NC_1359	20	4450	0.28	0.27	0.04	0.27	0.27	0.27	0.27	0.16	0.28	0.24	0.20	0.28	0.01	4%
NC_1360	20	4451	0.48	0.46	0.05	0.46	0.47	0.46	0.48	0.29	0.46	0.44	0.38	0.48	0.02	4%
NC_1361	120	4636	1.77	1.77	0.17	1.77	0.33	0.77	0.77	1.76	1.76	1.61	1.57	1.76	-0.01	-1%
NC_1362	20	4449	1.07	1.03	0.10	1.04	1.05	1.01	1.09	0.76	0.98	1.10	0.93	1.10	0.06	6%
NC_1363	20	4451	0.91	0.87	0.10	0.87	0.89	0.87	0.91	0.61	0.87	0.90	0.76	0.91	0.04	5%
NC_1364	20	4451	0.41	0.39	0.05	0.39	0.40	0.39	0.41	0.24	0.39	0.37	0.31	0.41	0.02	5%
NC_1365	20	4449	2.39	2.34	0.23	2.38	2.25	2.23	2.49	1.70	2.09	2.46	2.12	2.49	0.11	5%
NC_1366	20	4449	1.48	1.43	0.14	1.44	1.44	1.39	1.52	1.02	1.34	1.50	1.29	1.52	0.08	6%
NC_1367	20	4445	0.73	0.70	0.07	0.71	0.73	0.70	0.74	0.48	0.66	0.71	0.61	0.74	0.03	4%
NC_1368	120	4642	1.10	1.08	0.29	1.12	0.85	0.97	0.93	0.95	1.12	1.11	0.98	1.12	0.00	0%
NC_1369	20	4450	0.25	0.25	0.03	0.25	0.24	0.25	0.25	0.14	0.25	0.21	0.17	0.25	0.00	0%
NC_1370	20	4451	0.52	0.50	0.06	0.51	0.51	0.51	0.52	0.34	0.51	0.50	0.43	0.52	0.01	2%
NC_1371	180	4676	10.58	10.48	1.72	10.68	2.59	3.56	3.66	10.58	10.74	8.58	11.58	11.58	0.90	8%
NC_1372	20	4445	0.55	0.52	0.06	0.52	0.54	0.52	0.55	0.36	0.52	0.54	0.45	0.55	0.03	6%
NC_1373	120	4636	8.58	8.69	0.63	8.71	1.20	1.80	1.88	8.67	8.77	6.86	9.24	9.24	0.53	6%
NC_1374	20	4451	0.17	0.17	0.02	0.17	0.16	0.17	0.17	0.09	0.17	0.14	0.12	0.17	0.00	0%
NC_1375	20	4446	0.30	0.29	0.04	0.29	0.29	0.30	0.29	0.21	0.33	0.30	0.26	0.33	0.04	14%
NC_1376	20	4445	0.63	0.61	0.07	0.61	0.62	0.61	0.63	0.41	0.60	0.60	0.51	0.63	0.02	3%
NC_1377	120	4642	0.23	0.22	0.08	0.25	0.10	0.17	0.13	0.19	0.25	0.24	0.22	0.25	0.00	0%
NC_1378	60	4578	0.18	0.19	0.04	0.20	0.13	0.17	0.14	0.14	0.21	0.20	0.17	0.21	0.01	5%
NC_1379	120	4642	0.91	0.83	0.27	0.85	0.76	0.81	0.84	0.78	0.85	0.96	0.83	0.96	0.11	13%
NC_1380	10	4389	1.13	1.12	0.05	1.12	1.12	1.05	1.15	0.76	0.99	1.09	0.92	1.15	0.03	3%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_1381	60	4574	0.20	0.21	0.05	0.23	0.14	0.19	0.15	0.15	0.23	0.22	0.19	0.23	0.00	0%
NC_1382	20	4450	0.35	0.34	0.04	0.35	0.34	0.34	0.35	0.21	0.35	0.31	0.26	0.35	0.00	0%
NC_1383	20	4449	0.59	0.60	0.07	0.60	0.56	0.60	0.61	0.45	0.57	0.65	0.54	0.65	0.05	8%
NC_1384	20	4451	0.46	0.44	0.05	0.44	0.45	0.44	0.45	0.30	0.45	0.44	0.37	0.45	0.01	2%
NC_1385	10	4384	0.32	0.31	0.03	0.31	0.31	0.30	0.32	0.15	0.29	0.24	0.20	0.32	0.01	3%
NC_1386	120	4640	7.19	7.19	0.88	7.24	2.01	3.46	3.53	7.24	7.14	6.22	6.39	7.24	0.00	0%
NC_1387	20	4449	0.68	0.69	0.09	0.69	0.62	0.70	0.69	0.51	0.63	0.72	0.56	0.72	0.03	4%
NC_1388	120	4643	0.80	0.79	0.19	0.80	0.42	0.60	0.61	0.72	0.76	0.82	0.72	0.82	0.02	2%
NC_1389	20	4446	0.21	0.20	0.03	0.21	0.19	0.21	0.20	0.14	0.24	0.21	0.18	0.24	0.03	14%
NC_1390	10	4389	0.88	0.86	0.07	0.87	0.87	0.83	0.89	0.55	0.82	0.82	0.69	0.89	0.02	2%
NC_1391	20	4451	0.28	0.27	0.04	0.27	0.26	0.27	0.27	0.16	0.28	0.25	0.21	0.28	0.01	4%
NC_1392	20	4451	0.41	0.39	0.05	0.40	0.40	0.40	0.41	0.25	0.40	0.38	0.32	0.41	0.01	2%
NC_1393	120	4636	10.16	10.10	1.25	10.10	3.23	5.66	5.77	10.09	10.06	8.89	8.94	10.09	-0.01	0%
NC_1394	120	4643	2.65	2.66	0.45	2.80	1.30	2.05	2.13	2.38	2.53	2.73	2.35	2.73	-0.07	-2%
NC_1395	120	4643	2.65	2.63	0.49	2.76	1.41	2.14	2.24	2.35	2.50	2.73	2.31	2.73	-0.03	-1%
NC_1396	120	4642	0.54	0.49	0.17	0.50	0.34	0.44	0.41	0.47	0.50	0.58	0.50	0.58	0.08	16%
NC_1397	20	4450	0.32	0.32	0.04	0.32	0.31	0.31	0.32	0.17	0.31	0.27	0.22	0.32	0.00	0%
NC_1398	20	4450	0.71	0.72	0.09	0.73	0.64	0.72	0.73	0.47	0.61	0.72	0.57	0.73	0.00	0%
NC_1399	20	4450	0.28	0.27	0.04	0.28	0.27	0.27	0.28	0.15	0.27	0.23	0.19	0.28	0.00	0%
NC_1400	20	4451	0.24	0.24	0.03	0.24	0.23	0.24	0.24	0.15	0.26	0.22	0.19	0.26	0.02	8%
NC_1401	20	4445	0.41	0.39	0.04	0.39	0.40	0.38	0.42	0.22	0.33	0.34	0.28	0.42	0.03	8%
NC_1402	10	4380	0.02	0.02	0.00	0.02	0.02	0.02	0.02	0.01	0.02	0.01	0.01	0.02	0.00	0%
NC_1403	20	4451	0.37	0.36	0.04	0.37	0.35	0.37	0.37	0.26	0.36	0.37	0.31	0.37	0.00	0%
NC_1404	20	4445	0.65	0.62	0.06	0.62	0.64	0.62	0.67	0.41	0.55	0.59	0.51	0.67	0.05	8%
NC_1405	25	4489	0.81	0.80	0.06	0.80	0.53	0.79	0.76	0.56	0.66	0.86	0.54	0.86	0.06	7%
NC_1406	20	4450	0.02	0.02	0.00	0.02	0.02	0.02	0.02	0.01	0.02	0.02	0.01	0.02	0.00	0%
NC_1407	60	4578	0.07	0.07	0.02	0.08	0.05	0.08	0.06	0.05	0.09	0.08	0.07	0.09	0.01	13%
NC_1408	20	4451	0.63	0.61	0.07	0.61	0.62	0.61	0.64	0.41	0.61	0.61	0.52	0.64	0.03	5%
NC_1409	20	4451	0.34	0.34	0.04	0.34	0.33	0.34	0.34	0.21	0.36	0.32	0.27	0.36	0.02	6%
NC_1410	20	4450	0.30	0.29	0.04	0.30	0.29	0.29	0.30	0.15	0.28	0.24	0.20	0.30	0.00	0%
NC_1411	20	4446	0.63	0.61	0.07	0.62	0.61	0.59	0.63	0.33	0.57	0.51	0.42	0.63	0.01	2%
NC_1412	20	4450	0.63	0.64	0.07	0.66	0.53	0.62	0.66	0.44	0.54	0.66	0.53	0.66	0.00	0%
NC_1413	20	4451	0.13	0.12	0.02	0.13	0.12	0.13	0.12	0.07	0.13	0.10	0.08	0.13	0.00	0%
NC_1414	10	4389	0.34	0.33	0.03	0.33	0.33	0.32	0.34	0.16	0.30	0.25	0.20	0.34	0.01	3%
NC_1415	20	4450	1.64	1.67	0.13	1.71	1.30	1.64	1.71	1.07	1.24	1.61	1.23	1.71	0.00	0%
NC_1416	20	4445	0.78	0.74	0.07	0.75	0.77	0.73	0.80	0.48	0.63	0.70	0.62	0.80	0.05	7%
NC_1417	20	4450	1.16	1.18	0.12	1.19	1.01	1.17	1.19	0.74	0.91	1.12	0.91	1.19	0.00	0%
NC_1418	10	4389	0.37	0.35	0.03	0.36	0.36	0.33	0.36	0.16	0.30	0.25	0.20	0.36	0.00	0%
NC_1419	45	4553	1.67	1.68	0.20	1.70	1.15	1.59	1.69	1.12	1.18	1.64	1.24	1.69	-0.01	-1%
NC_1420	45	4553	3.30	3.32	0.42	3.40	2.53	3.23	3.41	2.23	2.52	3.33	2.43	3.41	0.01	0%
NC_1421	120	4642	18.03	18.66	1.72	18.74	5.43	9.72	9.79	18.58	18.74	18.11	16.32	18.74	0.00	0%
NC_1422	10	4389	0.79	0.77	0.06	0.78	0.78	0.69	0.78	0.32	0.55	0.51	0.42	0.78	0.00	0%
NC_1423	10	4389	2.13	2.11	0.10	2.12	2.12	1.90	2.18	1.20	1.67	1.79	1.53	2.18	0.06	3%
NC_1424	60	4574	0.17	0.17	0.04	0.19	0.11	0.15	0.12	0.13	0.19	0.18	0.16	0.19	0.00	0%
NC_1425	120	4642	12.94	13.18	1.32	13.24	3.52	6.51	6.59	13.12	13.24	12.10	11.60	13.24	0.00	0%
NC_1426	10	4389	0.73	0.72	0.05	0.72	0.72	0.69	0.75	0.48	0.68	0.70	0.60	0.75	0.03	4%
NC_1427	10	4389	1.68	1.67	0.06	1.68	1.68	1.53	1.74	0.86	1.26	1.35	1.12	1.74	0.06	4%
NC_1428	10	4389	0.95	0.94	0.07	0.94	0.94	0.83	0.95	0.40	0.67	0.63	0.52	0.95	0.01	1%
NC_1429	10	4389	0.72	0.70	0.07	0.71	0.71	0.65	0.71	0.30	0.55	0.48	0.39	0.71	0.00	0%
NC_1430	10	4389	0.72	0.70	0.07	0.71	0.71	0.65	0.72	0.33	0.59	0.52	0.43	0.72	0.01	1%
NC_1431	10	4389	0.86	0.84	0.07	0.85	0.85	0.75	0.85	0.37	0.62	0.58	0.48	0.85	0.00	0%
NC_1432	10	4389	1.15	1.13	0.07	1.14	1.14	1.05	1.17	0.60	0.90	0.93	0.77	1.17	0.03	3%
NC_1433	20	4449	4.06	4.01	0.35	4.03	3.82	3.74	4.28	2.22	2.92	3.49	2.76	4.28	0.25	6%
NC_1434	20	4449	6.26	6.23	0.57	6.36	5.66	5.95	6.66	3.90	4.77	5.82	4.65	6.66	0.30	5%
NC_1435	20	4450	1.25	1.28	0.13	1.30	1.08	1.25	1.30	0.82	1.01	1.25	0.98	1.30	0.00	0%
NC_1436	60	4578	0.28	0.28	0.06	0.30	0.25	0.28	0.26	0.21	0.32	0.29	0.25	0.32	0.02	7%
NC_1437	20	4450	0.31	0.30	0.04	0.31	0.30	0.30	0.31	0.16	0.29	0.24	0.20	0.31	0.00	0%
NC_1438	10	4389	0.73	0.71	0.07	0.72	0.72	0.67	0.73	0.34	0.61	0.54	0.44	0.73	0.01	1%
NC_1439	120	4642	0.15	0.15	0.06	0.16	0.05	0.10	0.08	0.12	0.16	0.16	0.15	0.16	0.00	0%
NC_1440	10	4389	0.97	0.95	0.06	0.96	0.96	0.89	0.98	0.52	0.78	0.80	0.67	0.98	0.02	2%
NC_1441	10	4384	0.31	0.30	0.03	0.30	0.30	0.29	0.31	0.15	0.27	0.23	0.19	0.31	0.01	3%
NC_1442	10	4389	0.53	0.51	0.04	0.52	0.52	0.49	0.52	0.28	0.47	0.43	0.36	0.52	0.00	0%
NC_1443	45	4553	5.07	5.17	0.66	5.30	4.34	4.83	5.41	3.62	4.15	5.17	4.34	5.41	0.11	2%
NC_1444	10	4384	0.29	0.29	0.03	0.29	0.29	0.28	0.29	0.14	0.27	0.22	0.18	0.29	0.00	0%
NC_1445	10	4384	0.31	0.30	0.03	0.30	0.30	0.30	0.31	0.16	0.29	0.24	0.20	0.31	0.01	3%
NC_1446	20	4449	2.38	2.38	0.22	2.45	2.09	2.27	2.53	1.78	1.92	2.40	2.03	2.53	0.08	3%
NC_1447	20	4450	0.28	0.27	0.03	0.28	0.27	0.27	0.28	0.14	0.26	0.22	0.18	0.28	0.00	0%
NC_1448	120	4642	11.77	11.80	1.06	11.81	4.68	7.78	7.79	11.42	11.81	12.13	10.35	12.13	0.32	3%
NC_1449	10	4389	0.87	0.86	0.07	0.86	0.86	0.81	0.89	0.45	0.73	0.70	0.57	0.89	0.03	3%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740		m^3/s	%
NC_1450	10	4389	0.38	0.36	0.03	0.37	0.37	0.35	0.37	0.18	0.33	0.28	0.23	0.37	0.00	0%
NC_1451	20	4450	0.35	0.34	0.04	0.34	0.33	0.33	0.34	0.19	0.33	0.29	0.24	0.34	0.00	0%
NC_1452	20	4450	0.31	0.31	0.04	0.31	0.30	0.30	0.31	0.17	0.30	0.26	0.22	0.31	0.00	0%
NC_1453	20	4450	0.30	0.29	0.04	0.30	0.29	0.29	0.30	0.15	0.28	0.24	0.20	0.30	0.00	0%
NC_1454	10	4389	0.88	0.86	0.07	0.87	0.87	0.81	0.89	0.47	0.74	0.72	0.59	0.89	0.02	2%
NC_1455	120	4642	0.75	0.73	0.20	0.74	0.29	0.41	0.36	0.66	0.74	0.67	0.65	0.74	0.00	0%
NC_1456	20	4446	0.20	0.19	0.03	0.19	0.18	0.20	0.19	0.14	0.23	0.20	0.18	0.23	0.04	21%
NC_1457	120	4642	0.24	0.22	0.08	0.24	0.02	0.11	0.09	0.19	0.24	0.23	0.22	0.24	0.00	0%
NC_1458	20	4446	0.58	0.56	0.06	0.57	0.56	0.55	0.58	0.32	0.54	0.48	0.40	0.58	0.01	2%
NC_1459	120	4645	0.17	0.16	0.06	0.18	0.07	0.12	0.09	0.13	0.18	0.18	0.16	0.18	0.00	0%
NC_1460	120	4642	0.59	0.56	0.16	0.57	0.38	0.45	0.42	0.52	0.57	0.57	0.52	0.57	0.00	0%
NC_1461	120	4642	0.76	0.72	0.22	0.76	0.64	0.69	0.68	0.65	0.76	0.78	0.67	0.78	0.02	3%
NC_1462	120	4642	0.85	0.80	0.25	0.83	0.75	0.80	0.81	0.74	0.83	0.89	0.80	0.89	0.06	7%
NC_1463	25	4487	2.59	2.49	0.36	2.54	2.37	2.61	2.65	1.93	2.33	2.72	2.17	2.72	0.18	7%
NC_1464	20	4450	0.27	0.26	0.03	0.26	0.26	0.26	0.26	0.15	0.27	0.23	0.19	0.27	0.01	4%
NC_1465	45	4553	3.94	4.05	0.63	4.32	3.03	3.63	4.02	3.18	3.32	4.23	3.79	4.23	-0.09	-2%
NC_1466	20	4450	0.29	0.28	0.04	0.29	0.28	0.28	0.29	0.15	0.28	0.24	0.20	0.29	0.00	0%
NC_1467	20	4450	0.26	0.25	0.03	0.25	0.25	0.25	0.25	0.14	0.25	0.22	0.18	0.25	0.00	0%
NC_1468	20	4450	0.27	0.27	0.03	0.27	0.26	0.27	0.27	0.15	0.27	0.23	0.19	0.27	0.00	0%
NC_1469	10	4389	0.65	0.64	0.05	0.64	0.64	0.61	0.66	0.36	0.58	0.55	0.46	0.66	0.02	3%
NC_1470	20	4450	0.29	0.28	0.04	0.28	0.27	0.28	0.28	0.15	0.27	0.23	0.20	0.28	0.00	0%
NC_1471	10	4389	0.68	0.67	0.06	0.68	0.68	0.65	0.69	0.38	0.61	0.58	0.49	0.69	0.01	1%
NC_1472	20	4450	0.26	0.26	0.03	0.26	0.25	0.25	0.26	0.14	0.25	0.21	0.18	0.26	0.00	0%
NC_1473	20	4450	0.28	0.27	0.03	0.28	0.27	0.27	0.28	0.14	0.26	0.22	0.18	0.28	0.00	0%
NC_1474	20	4450	0.30	0.29	0.04	0.29	0.29	0.28	0.29	0.15	0.27	0.23	0.19	0.29	0.00	0%
NC_1475	20	4450	0.44	0.43	0.05	0.43	0.42	0.42	0.43	0.25	0.42	0.38	0.32	0.43	0.00	0%
NC_1476	20	4450	0.19	0.18	0.02	0.19	0.18	0.18	0.19	0.09	0.17	0.14	0.11	0.19	0.00	0%
NC_1477	20	4451	0.47	0.45	0.05	0.45	0.46	0.45	0.47	0.29	0.45	0.43	0.37	0.47	0.02	4%
NC_1478	120	4640	7.86	7.95	0.40	7.96	2.13	3.96	3.96	7.96	8.16	8.05	7.55	8.16	0.20	3%
NC_1479	120	4642	0.54	0.51	0.15	0.53	0.02	0.19	0.17	0.46	0.53	0.47	0.48	0.53	0.00	0%
NC_1480	120	4643	1.48	1.38	0.39	1.44	0.04	0.38	0.37	1.31	1.31	1.27	1.36	1.36	-0.08	-6%
NC_1481	120	4643	1.76	1.66	0.45	1.73	0.00	0.43	0.43	1.57	1.57	1.51	1.63	1.63	-0.10	-6%
NC_1482	120	4643	4.91	4.63	1.35	4.68	1.72	2.75	2.87	4.42	4.23	4.80	4.71	4.80	0.12	3%
NC_1483	120	4638	0.91	0.82	0.29	0.82	0.22	0.44	0.46	0.81	0.75	0.91	0.91	0.91	0.09	11%
NC_1484	120	4642	0.23	0.21	0.08	0.23	0.01	0.10	0.09	0.19	0.23	0.23	0.22	0.23	0.00	0%
NC_1485	120	4642	0.37	0.35	0.13	0.40	0.23	0.30	0.24	0.30	0.40	0.38	0.35	0.40	0.00	0%
NC_1486	120	4642	0.22	0.20	0.07	0.22	0.00	0.09	0.08	0.19	0.22	0.22	0.21	0.22	0.00	0%
NC_1487	45	4553	2.10	2.16	0.28	2.19	1.20	1.80	1.90	1.64	1.59	2.16	1.78	2.16	-0.03	-1%
NC_1488	45	4551	1.22	1.25	0.14	1.30	0.88	1.18	1.16	1.03	1.12	1.30	1.03	1.30	0.00	0%
NC_1489	120	4640	7.09	7.00	0.97	7.04	0.08	0.46	0.45	7.04	6.87	5.65	6.74	7.04	0.00	0%
NC_1490	120	4642	0.32	0.30	0.10	0.32	0.02	0.14	0.12	0.27	0.32	0.31	0.30	0.32	0.00	0%
NC_1491	20	4449	1.81	1.79	0.18	1.84	1.64	1.71	1.92	1.27	1.51	1.83	1.51	1.92	0.08	4%
NC_1492	20	4455	6.36	6.39	0.54	6.51	5.66	6.01	6.76	3.50	4.40	5.56	4.21	6.76	0.25	4%
NC_1493	120	4641	8.80	8.57	1.48	8.87	6.07	7.56	8.08	8.27	8.17	8.48	7.24	8.48	-0.39	-4%
NC_1494	20	4445	0.67	0.64	0.07	0.65	0.67	0.64	0.68	0.39	0.62	0.60	0.50	0.68	0.03	5%
NC_1495	10	4389	0.70	0.68	0.06	0.69	0.69	0.63	0.70	0.29	0.54	0.46	0.38	0.70	0.01	1%
NC_1496	10	4389	0.79	0.78	0.06	0.78	0.78	0.73	0.80	0.42	0.67	0.65	0.54	0.80	0.02	3%
NC_1497	10	4389	1.21	1.19	0.06	1.20	1.20	1.13	1.25	0.68	0.98	1.04	0.86	1.25	0.05	4%
NC_1498	60	4578	0.15	0.15	0.04	0.17	0.12	0.15	0.13	0.11	0.18	0.16	0.14	0.18	0.01	6%
NC_1499	20	4451	0.24	0.23	0.03	0.23	0.22	0.23	0.23	0.14	0.24	0.21	0.17	0.24	0.01	4%
NC_1500	20	4449	1.57	1.52	0.16	1.56	1.50	1.49	1.61	1.20	1.48	1.69	1.45	1.69	0.13	8%
NC_1501	270	4715	11.85	11.35	2.16	11.73	4.74	7.34	7.61	11.07	11.00	9.99	13.25	13.25	1.52	13%
NC_1502	20	4450	0.23	0.23	0.03	0.23	0.23	0.22	0.23	0.12	0.22	0.18	0.15	0.23	0.00	0%
NC_1503	20	4445	1.01	0.98	0.11	0.98	1.01	0.98	1.04	0.67	0.94	0.99	0.84	1.04	0.06	6%
NC_1504	20	4446	0.18	0.17	0.03	0.18	0.16	0.18	0.17	0.11	0.19	0.17	0.14	0.19	0.01	6%
NC_1505	20	4450	0.12	0.12	0.02	0.12	0.11	0.12	0.12	0.06	0.12	0.09	0.08	0.12	0.00	0%
NC_1506	10	4389	0.84	0.83	0.06	0.83	0.83	0.79	0.85	0.52	0.76	0.76	0.64	0.85	0.02	2%
NC_1507	20	4445	0.87	0.84	0.09	0.84	0.87	0.84	0.89	0.54	0.80	0.80	0.67	0.89	0.05	6%
NC_1508	20	4450	0.36	0.35	0.05	0.35	0.34	0.35	0.35	0.22	0.37	0.33	0.28	0.37	0.02	6%
NC_1509	20	4451	0.55	0.54	0.07	0.54	0.53	0.54	0.54	0.36	0.57	0.52	0.45	0.57	0.03	6%
NC_1510	20	4449	1.35	1.31	0.12	1.32	1.33	1.27	1.39	0.97	1.21	1.39	1.18	1.39	0.07	5%
NC_1511	20	4450	0.35	0.34	0.04	0.34	0.33	0.33	0.34	0.18	0.33	0.28	0.23	0.34	0.00	0%
NC_1512	20	4445	0.62	0.60	0.07	0.60	0.62	0.60	0.63	0.37	0.57	0.56	0.47	0.63	0.03	5%
NC_1513	20	4451	0.68	0.65	0.08	0.66	0.67	0.66	0.68	0.47	0.67	0.68	0.58	0.68	0.02	3%
NC_1514	20	4451	0.36	0.35	0.05	0.35	0.34	0.35	0.35	0.23	0.37	0.34	0.29	0.37	0.02	6%
NC_1515	20	4450	0.39	0.39	0.05	0.39	0.38	0.38	0.39	0.24	0.39	0.35	0.30	0.39	0.00	0%
NC_1516	20	4450	0.52	0.50	0.06	0.51	0.50	0.50	0.51	0.30	0.50	0.45	0.38	0.51	0.00	0%
NC_1517	10	4389	0.73	0.72	0.05	0.72	0.72	0.69	0.74	0.45	0.67	0.67	0.57	0.74	0.02	3%
NC_1518	20	4446	0.24	0.23	0.03	0.24	0.22	0.24	0.23	0.15	0.26	0.23	0.19	0.26	0.02	8%

ARR2019 Results for 20%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	120 min	120 min	180 min	360 min		m^3/s	%
			Average	Median	Standard Dev	Adopted	4389	4450	4451	4642	4642	4669	4740			
NC_1519	20	4450	0.44	0.43	0.06	0.44	0.42	0.44	0.44	0.32	0.47	0.46	0.39	0.47	0.03	7%
NC_1520	45	4554	2.37	2.40	0.10	2.40	1.26	1.86	1.90	2.22	2.35	2.49	2.08	2.49	0.09	4%
NC_1521	20	4445	1.15	1.10	0.11	1.11	1.14	1.10	1.16	0.79	1.09	1.14	0.97	1.16	0.05	5%
NC_1522	10	4389	1.81	1.79	0.08	1.80	1.80	1.68	1.85	1.15	1.59	1.70	1.43	1.85	0.05	3%
NC_1523	20	4449	1.42	1.38	0.13	1.39	1.36	1.32	1.46	1.02	1.26	1.45	1.26	1.46	0.07	5%
NC_1524	20	4446	0.68	0.66	0.08	0.67	0.67	0.65	0.68	0.39	0.64	0.59	0.49	0.68	0.01	1%
NC_1525	45	4553	2.39	2.42	0.11	2.42	1.36	1.92	1.97	2.16	2.30	2.44	2.05	2.44	0.02	1%
NC_1526	45	4553	1.98	2.00	0.22	2.06	1.66	1.89	2.02	1.53	1.66	2.02	1.71	2.02	-0.04	-2%
NC_1527	10	4389	0.45	0.44	0.04	0.45	0.45	0.42	0.45	0.23	0.38	0.36	0.30	0.45	0.00	0%
NC_1528	10	4389	0.31	0.30	0.03	0.30	0.30	0.29	0.31	0.15	0.28	0.24	0.20	0.31	0.01	3%
NC_1529	20	4451	0.20	0.20	0.03	0.20	0.19	0.20	0.19	0.11	0.21	0.17	0.15	0.21	0.01	5%
NC_1530	120	4644	6.49	6.54	1.30	6.55	3.20	4.06	4.09	6.63	6.53	6.35	4.90	6.63	0.08	1%
NC_1531	20	4451	0.18	0.17	0.02	0.18	0.16	0.18	0.17	0.10	0.18	0.16	0.13	0.18	0.00	0%
NC_1532	120	4643	7.87	8.25	0.69	8.25	2.75	4.77	4.79	8.29	8.48	8.22	7.31	8.48	0.23	3%
NC_1533	120	4643	7.59	7.81	0.53	7.83	2.19	4.02	4.03	7.78	8.00	7.82	7.24	8.00	0.17	2%
NC_1534	45	4553	1.69	1.77	0.21	1.83	0.95	1.42	1.48	1.44	1.40	1.80	1.48	1.80	-0.03	-2%
NC_1535	45	4553	2.38	2.43	0.34	2.54	2.03	2.31	2.48	1.79	2.01	2.50	2.03	2.50	-0.04	-2%
NC_1536	20	4450	0.28	0.28	0.04	0.28	0.27	0.27	0.28	0.15	0.27	0.23	0.19	0.28	0.00	0%
NC_1537	45	4551	1.10	1.15	0.15	1.20	0.65	0.93	1.00	0.91	0.88	1.17	0.97	1.17	-0.03	-3%
NC_1538	10	4389	0.73	0.72	0.07	0.72	0.72	0.66	0.73	0.31	0.57	0.49	0.40	0.73	0.01	1%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_1	180	4662	113.38	113.20	3.30	114.53	38.47	48.21	77.56	88.14	98.37	105.31	114.77	114.77	0.24	0.2%
NC_2	60	4565	0.47	0.46	0.09	0.48	0.22	0.33	0.37	0.48	0.42	0.36	0.36	0.48	0.00	-0.2%
NC_3	45	4536	0.23	0.22	0.04	0.23	0.17	0.25	0.23	0.23	0.17	0.17	0.16	0.25	0.02	8.7%
NC_4	60	4565	0.60	0.59	0.10	0.60	0.23	0.34	0.49	0.60	0.59	0.50	0.46	0.60	0.00	-0.2%
NC_5	20	4436	3.73	3.69	0.41	3.78	3.18	3.42	3.98	3.41	2.42	2.20	2.33	3.98	0.20	5.4%
NC_6	20	4434	0.85	0.84	0.13	0.84	0.73	0.84	0.86	0.71	0.46	0.46	0.46	0.86	0.02	2.3%
NC_7	20	4435	0.70	0.70	0.12	0.71	0.65	0.71	0.72	0.59	0.38	0.40	0.37	0.72	0.01	1.1%
NC_8	60	4475	0.33	0.32	0.07	0.32	0.19	0.29	0.30	0.32	0.27	0.24	0.24	0.32	0.00	0.9%
NC_9	20	4436	1.17	1.15	0.13	1.16	0.99	1.14	1.20	1.09	0.74	0.69	0.72	1.20	0.04	3.0%
NC_10	60	4565	3.43	3.53	0.32	3.59	2.05	2.42	3.27	3.59	3.29	2.85	2.61	3.59	0.00	0.0%
NC_11	20	4436	2.19	2.12	0.27	2.15	1.80	2.06	2.27	1.99	1.42	1.31	1.36	2.27	0.12	5.7%
NC_12	20	4435	0.44	0.43	0.08	0.47	0.35	0.47	0.44	0.41	0.28	0.28	0.27	0.47	0.00	-1.1%
NC_13	45	4536	0.26	0.25	0.04	0.25	0.17	0.26	0.25	0.27	0.20	0.19	0.19	0.27	0.02	6.4%
NC_14	20	4435	0.93	0.92	0.14	0.92	0.78	0.92	0.94	0.80	0.53	0.52	0.52	0.94	0.02	2.5%
NC_15	60	4565	0.86	0.84	0.14	0.87	0.36	0.52	0.69	0.87	0.80	0.69	0.65	0.87	0.00	-0.3%
NC_16	20	4435	0.39	0.39	0.07	0.41	0.34	0.41	0.40	0.34	0.22	0.23	0.21	0.41	0.00	-0.7%
NC_17	45	4539	0.26	0.24	0.04	0.24	0.16	0.25	0.24	0.26	0.20	0.19	0.19	0.26	0.02	7.9%
NC_18	20	4435	0.95	0.92	0.13	0.94	0.75	0.94	0.95	0.89	0.66	0.61	0.62	0.95	0.01	0.5%
NC_19	60	4565	0.44	0.44	0.09	0.45	0.22	0.32	0.35	0.45	0.39	0.34	0.34	0.45	0.00	-0.2%
NC_20	60	4565	0.25	0.25	0.05	0.25	0.15	0.23	0.23	0.25	0.20	0.18	0.19	0.25	0.00	0.8%
NC_21	60	4565	4.20	4.33	0.38	4.40	2.59	3.05	4.02	4.40	4.03	3.51	3.18	4.40	0.00	0.0%
NC_22	45	4536	0.32	0.30	0.06	0.31	0.23	0.34	0.31	0.32	0.23	0.23	0.22	0.34	0.03	10.6%
NC_23	60	4565	1.47	1.46	0.23	1.48	0.59	0.86	1.21	1.48	1.41	1.21	1.13	1.48	0.00	0.1%
NC_24	60	4565	0.73	0.72	0.14	0.74	0.47	0.62	0.67	0.74	0.60	0.52	0.55	0.74	0.00	0.3%
NC_25	20	4435	0.55	0.55	0.10	0.56	0.51	0.56	0.56	0.47	0.30	0.32	0.29	0.56	0.00	0.7%
NC_26	45	4536	0.28	0.26	0.05	0.27	0.19	0.29	0.27	0.28	0.21	0.20	0.20	0.29	0.02	8.1%
NC_27	15	4409	0.53	0.52	0.06	0.53	0.53	0.51	0.54	0.40	0.25	0.29	0.24	0.54	0.01	1.9%
NC_28	20	4435	0.57	0.55	0.09	0.58	0.44	0.58	0.56	0.56	0.43	0.40	0.40	0.58	0.00	0.3%
NC_29	20	4435	0.64	0.64	0.11	0.65	0.60	0.65	0.66	0.54	0.35	0.37	0.34	0.66	0.01	1.8%
NC_30	90	4593	5.31	5.40	0.90	5.71	2.20	2.90	4.74	5.31	5.77	4.77	4.37	5.77	0.06	1.0%
NC_31	45	4536	0.26	0.24	0.04	0.24	0.17	0.25	0.24	0.26	0.20	0.19	0.19	0.26	0.02	7.9%
NC_32	60	4565	0.94	0.93	0.18	0.95	0.50	0.73	0.80	0.95	0.79	0.69	0.71	0.95	0.00	0.3%
NC_33	45	4536	0.27	0.25	0.04	0.25	0.17	0.26	0.25	0.27	0.21	0.20	0.20	0.27	0.02	8.4%
NC_34	60	4568	7.44	7.49	0.83	7.62	3.09	4.20	6.57	7.37	7.93	6.56	5.89	7.93	0.31	4.0%
NC_35	45	4536	0.42	0.39	0.07	0.40	0.29	0.43	0.40	0.42	0.32	0.31	0.30	0.43	0.03	7.2%
NC_36	60	4565	1.73	1.73	0.31	1.78	1.05	1.35	1.60	1.78	1.43	1.26	1.28	1.78	0.00	0.0%
NC_37	20	4435	0.39	0.38	0.08	0.41	0.34	0.41	0.40	0.35	0.23	0.24	0.22	0.41	0.00	0.0%
NC_38	15	4409	0.53	0.52	0.06	0.52	0.52	0.52	0.54	0.41	0.25	0.29	0.25	0.54	0.02	4.4%
NC_39	45	4536	0.33	0.30	0.05	0.31	0.23	0.34	0.31	0.33	0.24	0.23	0.23	0.34	0.03	9.0%
NC_40	60	4568	7.41	7.53	0.80	7.63	3.00	4.11	6.56	7.44	7.92	6.62	6.01	7.92	0.29	3.8%
NC_41	20	4435	0.70	0.68	0.10	0.70	0.56	0.70	0.69	0.65	0.45	0.43	0.43	0.70	0.00	0.6%
NC_42	45	4536	0.52	0.51	0.08	0.53	0.39	0.49	0.53	0.52	0.40	0.36	0.38	0.53	0.00	-0.4%
NC_43	20	4435	0.76	0.74	0.12	0.77	0.59	0.77	0.75	0.69	0.47	0.46	0.46	0.77	0.00	-0.1%
NC_44	20	4435	0.40	0.40	0.08	0.42	0.37	0.42	0.41	0.34	0.22	0.24	0.21	0.42	0.00	-1.0%
NC_45	20	4435	0.53	0.54	0.09	0.55	0.50	0.55	0.55	0.45	0.29	0.31	0.28	0.55	0.00	0.4%
NC_46	45	4539	0.29	0.27	0.05	0.27	0.19	0.28	0.27	0.29	0.23	0.21	0.21	0.29	0.02	8.1%
NC_47	20	4434	1.09	1.07	0.16	1.09	0.93	1.06	1.10	0.90	0.58	0.58	0.57	1.10	0.01	0.6%
NC_48	20	4435	1.08	1.05	0.14	1.06	0.88	1.06	1.08	0.98	0.67	0.63	0.65	1.08	0.02	2.3%
NC_49	60	4572	8.28	8.29	0.27	8.29	5.26	6.07	8.05	8.52	8.43	8.25	7.98	8.52	0.23	2.8%
NC_50	60	4565	0.30	0.30	0.06	0.30	0.18	0.28	0.27	0.30	0.24	0.22	0.22	0.30	0.00	-1.0%
NC_51	20	4435	1.17	1.13	0.16	1.13	0.94	1.13	1.19	1.06	0.73	0.68	0.71	1.19	0.06	5.4%
NC_52	45	4536	0.93	0.90	0.13	0.91	0.68	0.89	0.91	0.92	0.76	0.68	0.69	0.92	0.01	1.2%
NC_53	60	4565	1.47	1.47	0.28	1.50	0.94	1.23	1.39	1.50	1.21	1.06	1.09	1.50	0.00	-0.2%
NC_54	20	4435	0.74	0.73	0.12	0.75	0.63	0.75	0.74	0.66	0.44	0.43	0.43	0.75	0.00	0.0%
NC_55	20	4435	0.35	0.34	0.07	0.38	0.28	0.38	0.35	0.32	0.21	0.22	0.21	0.38	-0.01	-1.3%
NC_56	20	4435	0.43	0.43	0.08	0.44	0.41	0.44	0.45	0.35	0.22	0.24	0.22	0.45	0.01	1.6%
NC_57	20	4435	0.54	0.53	0.10	0.57	0.45	0.57	0.54	0.50	0.34	0.35	0.33	0.57	0.00	-0.5%
NC_58	60	4572	8.26	8.27	0.26	8.27	5.23	6.04	8.03	8.51	8.42	8.28	8.04	8.51	0.24	2.9%
NC_59	20	4435	0.59	0.59	0.11	0.61	0.55	0.61	0.61	0.51	0.33	0.35	0.32	0.61	0.00	-0.2%
NC_60	20	4435	0.41	0.42	0.08	0.43	0.39	0.43	0.43	0.35	0.22	0.24	0.22	0.43	0.00	0.2%
NC_61	20	4435	0.40	0.40	0.07	0.43	0.30	0.43	0.39	0.39	0.28	0.28	0.26	0.43	0.00	0.0%
NC_62	20	4436	4.92	4.95	0.32	5.05	4.41	4.63	5.15	4.77	3.41	3.12	3.30	5.15	0.10	2.0%
NC_63	20	4435	0.45	0.45	0.08	0.46	0.43	0.46	0.47	0.37	0.23	0.25	0.23	0.47	0.01	2.0%
NC_64	45	4478	1.15	1.12	0.16	1.15	0.92	1.04	1.18	1.16	0.88	0.78	0.82	1.18	0.03	2.8%
NC_65	15	4410	0.68	0.67	0.07	0.67	0.67	0.65	0.69	0.51	0.32	0.37	0.31	0.69	0.02	2.8%
NC_66	15	4409	0.48	0.47	0.06	0.47	0.47	0.48	0.50	0.39	0.24	0.27	0.24	0.50	0.03	6.2%
NC_67	45	4478	1.39	1.36	0.18	1.39	1.13	1.26	1.43	1.41	1.11	0.98	1.00	1.43	0.04	2.6%
NC_68	15	4409	0.50	0.50	0.05	0.50	0.50	0.49	0.51	0.38	0.23	0.27	0.23	0.51	0.01	2.6%
NC_69	45	4539	1.51	1.47	0.16	1.47	1.19	1.32	1.48	1.58	1.27	1.12	1.08	1.58	0.11	7.3%
NC_70	20	4435	0.41	0.41	0.08	0.42	0.38	0.42	0.42	0.35	0.22	0.24	0.22	0.42	0.00	0.7%
NC_71	20	4435	0.39	0.39	0.07	0.41	0.35	0.41	0.40	0.34	0.22	0.23	0.21	0.41	0.00	-0.7%
NC_72	20	4435	0.42	0.42	0.08	0.43	0.38	0.43	0.43	0.36	0.23	0.24	0.22	0.43	0.00	0.7%
NC_73	20	4435	0.85	0.84	0.11	0.85	0.69	0.85	0.86	0.81	0.59	0.55	0.55	0.86	0.01	0.8%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_74	45	4536	0.28	0.26	0.05	0.27	0.20	0.29	0.27	0.28	0.20	0.20	0.19	0.29	0.02	8.9%
NC_75	20	4440	5.69	5.71	0.35	5.82	5.07	5.30	6.03	5.60	3.99	3.65	3.83	6.03	0.21	3.6%
NC_76	20	4436	1.22	1.18	0.15	1.20	1.00	1.16	1.27	1.12	0.77	0.72	0.75	1.27	0.06	5.4%
NC_77	45	4542	1.46	1.44	0.19	1.47	1.19	1.33	1.52	1.47	1.18	1.05	1.05	1.52	0.05	3.3%
NC_78	20	4435	0.42	0.41	0.07	0.44	0.32	0.44	0.43	0.38	0.25	0.25	0.24	0.44	-0.01	-1.1%
NC_79	20	4435	0.53	0.54	0.10	0.55	0.50	0.55	0.55	0.45	0.29	0.31	0.29	0.55	0.00	0.5%
NC_80	45	4539	0.95	0.93	0.14	0.93	0.66	0.86	0.92	0.95	0.78	0.68	0.71	0.95	0.02	2.4%
NC_81	20	4435	0.72	0.71	0.08	0.71	0.59	0.71	0.74	0.69	0.48	0.45	0.46	0.74	0.03	4.1%
NC_82	45	4542	1.99	1.95	0.25	2.00	1.59	1.76	2.04	2.05	1.53	1.36	1.41	2.05	0.05	2.4%
NC_83	15	4409	0.60	0.60	0.06	0.60	0.60	0.57	0.61	0.44	0.27	0.32	0.26	0.61	0.01	1.5%
NC_84	20	4435	0.50	0.50	0.09	0.53	0.45	0.53	0.52	0.45	0.29	0.31	0.29	0.53	0.00	-0.6%
NC_85	20	4444	0.32	0.32	0.06	0.34	0.23	0.35	0.31	0.31	0.22	0.22	0.21	0.35	0.00	1.5%
NC_86	20	4436	2.23	2.20	0.27	2.22	1.90	2.04	2.32	1.91	1.27	1.24	1.25	2.32	0.10	4.5%
NC_87	15	4410	0.75	0.74	0.08	0.74	0.73	0.71	0.76	0.56	0.35	0.40	0.34	0.76	0.02	2.2%
NC_88	45	4542	1.56	1.47	0.27	1.53	1.18	1.53	1.63	1.54	1.11	1.04	1.06	1.63	0.10	6.6%
NC_89	45	4539	0.24	0.23	0.04	0.23	0.15	0.23	0.23	0.25	0.19	0.18	0.18	0.25	0.02	6.5%
NC_90	20	4436	2.82	2.81	0.27	2.89	2.40	2.61	3.05	2.78	2.11	1.89	1.94	3.05	0.16	5.6%
NC_91	20	4435	0.39	0.39	0.08	0.41	0.35	0.41	0.40	0.34	0.22	0.24	0.22	0.41	0.00	0.2%
NC_92	20	4435	0.34	0.34	0.07	0.37	0.26	0.37	0.34	0.32	0.22	0.23	0.21	0.37	0.00	-0.3%
NC_93	45	4536	0.59	0.56	0.08	0.56	0.42	0.58	0.57	0.59	0.47	0.43	0.43	0.59	0.03	5.0%
NC_94	20	4435	0.90	0.88	0.14	0.90	0.75	0.90	0.90	0.78	0.52	0.51	0.51	0.90	0.00	0.1%
NC_95	20	4435	0.78	0.76	0.13	0.78	0.63	0.78	0.78	0.68	0.45	0.44	0.44	0.78	0.00	-0.1%
NC_96	20	4436	1.12	1.10	0.13	1.11	0.92	1.10	1.16	1.07	0.75	0.69	0.73	1.16	0.05	4.3%
NC_97	20	4435	0.39	0.39	0.08	0.42	0.35	0.42	0.40	0.35	0.23	0.24	0.22	0.42	-0.01	-1.2%
NC_98	20	4435	1.20	1.17	0.15	1.18	0.99	1.18	1.23	1.12	0.80	0.74	0.76	1.23	0.05	3.9%
NC_99	20	4436	2.71	2.66	0.31	2.70	2.31	2.50	2.82	2.36	1.60	1.52	1.56	2.82	0.12	4.5%
NC_100	20	4435	0.44	0.43	0.08	0.46	0.36	0.46	0.44	0.40	0.27	0.28	0.26	0.46	0.00	0.4%
NC_101	20	4435	1.08	1.05	0.17	1.09	0.86	1.09	1.10	0.97	0.66	0.64	0.64	1.10	0.01	0.6%
NC_102	180	4667	8.36	8.40	0.66	8.42	5.21	6.02	8.06	8.54	8.46	8.62	8.51	8.62	0.20	2.3%
NC_103	20	4435	0.43	0.44	0.08	0.45	0.41	0.45	0.45	0.37	0.23	0.25	0.23	0.45	0.00	0.4%
NC_104	45	4536	0.27	0.25	0.04	0.26	0.18	0.28	0.26	0.27	0.20	0.20	0.19	0.28	0.02	5.8%
NC_105	20	4436	3.18	3.12	0.40	3.15	2.53	3.09	3.40	3.09	2.21	2.04	2.13	3.40	0.25	8.0%
NC_106	20	4435	0.42	0.43	0.08	0.43	0.40	0.43	0.44	0.35	0.22	0.24	0.22	0.44	0.01	2.1%
NC_107	45	4536	0.54	0.52	0.08	0.54	0.41	0.54	0.54	0.54	0.41	0.38	0.38	0.54	0.00	0.2%
NC_108	20	4435	0.47	0.47	0.09	0.50	0.41	0.50	0.48	0.43	0.28	0.30	0.28	0.50	0.00	-0.4%
NC_109	20	4440	5.14	5.15	0.46	5.27	4.62	4.54	5.53	4.60	3.11	2.93	3.05	5.53	0.26	4.8%
NC_110	20	4435	0.46	0.46	0.08	0.47	0.44	0.47	0.48	0.38	0.24	0.26	0.23	0.48	0.01	1.5%
NC_111	15	4409	0.49	0.48	0.05	0.48	0.48	0.47	0.50	0.37	0.23	0.27	0.22	0.50	0.02	3.5%
NC_112	60	4565	0.47	0.46	0.09	0.48	0.22	0.33	0.37	0.48	0.41	0.36	0.36	0.48	-0.01	-1.0%
NC_113	15	4412	0.60	0.59	0.07	0.59	0.58	0.61	0.62	0.49	0.31	0.34	0.30	0.62	0.03	5.6%
NC_114	20	4435	0.46	0.46	0.09	0.48	0.42	0.48	0.47	0.40	0.26	0.27	0.25	0.48	0.00	-0.6%
NC_115	45	4536	0.26	0.24	0.04	0.25	0.17	0.26	0.25	0.26	0.20	0.19	0.19	0.26	0.01	4.4%
NC_116	20	4436	1.47	1.41	0.19	1.44	1.20	1.39	1.53	1.32	0.91	0.84	0.89	1.53	0.09	5.9%
NC_117	20	4435	0.83	0.81	0.13	0.83	0.69	0.83	0.84	0.71	0.47	0.46	0.46	0.84	0.01	0.6%
NC_118	45	4536	0.29	0.27	0.05	0.28	0.19	0.29	0.28	0.30	0.22	0.21	0.21	0.30	0.02	5.4%
NC_119	45	4542	3.45	3.23	0.58	3.34	2.84	3.22	3.78	3.41	2.45	2.23	2.35	3.78	0.44	13.3%
NC_120	20	4435	0.70	0.69	0.12	0.74	0.55	0.74	0.69	0.67	0.48	0.47	0.45	0.74	0.00	-0.5%
NC_121	60	4565	0.60	0.59	0.10	0.59	0.23	0.34	0.49	0.59	0.57	0.49	0.45	0.59	0.00	0.5%
NC_122	20	4435	0.41	0.41	0.08	0.43	0.38	0.43	0.42	0.35	0.22	0.24	0.22	0.43	-0.01	-1.2%
NC_123	45	4478	0.80	0.77	0.12	0.77	0.54	0.66	0.77	0.83	0.64	0.57	0.59	0.83	0.06	7.4%
NC_124	30	4509	13.04	13.09	1.43	13.20	11.59	11.76	14.01	12.84	8.95	8.12	8.48	14.01	0.81	6.2%
NC_125	15	4409	0.53	0.53	0.05	0.53	0.53	0.50	0.53	0.38	0.23	0.28	0.23	0.53	0.00	0.8%
NC_126	20	4435	0.75	0.73	0.10	0.75	0.62	0.75	0.74	0.67	0.44	0.43	0.43	0.75	-0.01	-0.7%
NC_127	20	4435	0.46	0.46	0.09	0.48	0.41	0.48	0.47	0.40	0.26	0.28	0.26	0.48	0.00	-0.2%
NC_128	20	4435	0.84	0.83	0.13	0.84	0.72	0.84	0.85	0.71	0.47	0.46	0.46	0.85	0.01	1.2%
NC_129	60	4565	1.86	1.83	0.33	1.90	0.99	1.35	1.56	1.90	1.63	1.41	1.40	1.90	0.00	-0.1%
NC_130	20	4435	0.44	0.44	0.08	0.46	0.41	0.46	0.46	0.38	0.24	0.26	0.24	0.46	0.00	-0.7%
NC_131	60	4565	0.81	0.80	0.14	0.82	0.32	0.48	0.66	0.82	0.77	0.66	0.62	0.82	0.00	-0.2%
NC_132	20	4435	0.37	0.37	0.07	0.39	0.32	0.39	0.38	0.33	0.22	0.23	0.21	0.39	0.00	1.0%
NC_133	20	4436	1.21	1.16	0.16	1.17	0.98	1.16	1.24	1.08	0.74	0.69	0.72	1.24	0.07	5.6%
NC_134	20	4435	0.46	0.47	0.08	0.48	0.44	0.48	0.48	0.39	0.25	0.26	0.24	0.48	0.00	0.2%
NC_135	60	4565	0.60	0.59	0.10	0.60	0.24	0.35	0.49	0.60	0.57	0.49	0.46	0.60	0.00	0.0%
NC_136	15	4409	0.45	0.44	0.05	0.44	0.44	0.45	0.47	0.36	0.22	0.25	0.22	0.47	0.03	6.4%
NC_137	45	4536	0.26	0.24	0.04	0.24	0.17	0.25	0.24	0.26	0.20	0.19	0.19	0.26	0.02	7.9%
NC_138	45	4542	4.89	4.63	0.72	4.75	4.26	4.37	5.34	4.90	3.64	3.24	3.36	5.34	0.59	12.5%
NC_139	60	4565	0.47	0.47	0.09	0.48	0.23	0.33	0.38	0.48	0.41	0.35	0.36	0.48	0.00	0.2%
NC_140	20	4435	0.85	0.84	0.14	0.85	0.72	0.85	0.86	0.73	0.48	0.48	0.47	0.86	0.01	0.9%
NC_141	15	4409	0.48	0.47	0.05	0.47	0.47	0.47	0.49	0.37	0.23	0.26	0.22	0.49	0.02	4.3%
NC_142	15	4412	0.97	0.96	0.10	0.97	0.88	0.90	0.97	0.73	0.46	0.51	0.45	0.97	0.00	0.4%
NC_143	45	4536	0.27	0.25	0.04	0.25	0.17	0.26	0.25	0.27	0.20	0.19	0.19	0.27	0.02	6.8%
NC_144	20	4435	0.40	0.40	0.08	0.42	0.36	0.42	0.41	0.35	0.22	0.24	0.22	0.42	0.00	-0.5%
NC_145	20	4435	0.38	0.38	0.07	0.41	0.28	0.41	0.37	0.37	0.26	0.26	0.25	0.41	0.00	-0.7%
NC_146	20	4436	3.89	3.87	0.35	3.96	3.31	3.67	4.18	3.84	2.84	2.57	2.58	4.18	0.22	5.5%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_147	20	4434	1.00	0.99	0.15	1.00	0.86	0.98	1.01	0.83	0.53	0.54	0.53	1.01	0.01	1.2%
NC_148	20	4440	2.05	2.07	0.15	2.11	1.82	1.86	2.20	1.93	1.32	1.19	1.30	2.20	0.09	4.2%
NC_149	15	4412	0.50	0.49	0.06	0.49	0.49	0.51	0.52	0.41	0.25	0.28	0.25	0.52	0.03	6.1%
NC_150	20	4435	0.44	0.44	0.08	0.44	0.42	0.44	0.45	0.36	0.22	0.25	0.22	0.45	0.01	3.2%
NC_151	20	4435	0.85	0.82	0.13	0.84	0.68	0.84	0.88	0.75	0.50	0.48	0.49	0.88	0.04	4.3%
NC_152	120	4626	10.04	9.76	1.30	9.86	1.09	2.45	6.78	8.37	10.47	9.86	9.40	10.47	0.61	6.2%
NC_153	60	4565	0.27	0.27	0.06	0.27	0.16	0.25	0.25	0.27	0.22	0.20	0.20	0.27	0.00	1.1%
NC_154	30	4513	4.58	4.59	0.28	4.61	3.39	3.84	4.60	4.83	3.59	3.24	3.21	4.83	0.22	4.7%
NC_155	20	4434	1.46	1.42	0.20	1.43	1.26	1.39	1.52	1.24	0.83	0.82	0.81	1.52	0.09	6.0%
NC_156	60	4565	2.46	2.41	0.43	2.51	1.26	1.72	2.07	2.51	2.17	1.88	1.85	2.51	0.00	0.2%
NC_157	20	4436	1.88	1.86	0.22	1.88	1.60	1.71	1.98	1.62	1.10	1.07	1.08	1.98	0.10	5.1%
NC_158	120	4626	9.99	9.73	1.26	9.89	1.04	2.40	6.63	8.20	10.32	9.89	9.48	10.32	0.43	4.4%
NC_159	15	4409	0.49	0.48	0.06	0.48	0.48	0.49	0.51	0.38	0.24	0.27	0.23	0.51	0.03	5.8%
NC_160	20	4435	0.54	0.54	0.10	0.55	0.51	0.55	0.56	0.45	0.29	0.31	0.28	0.56	0.01	1.8%
NC_161	20	4435	0.44	0.45	0.08	0.45	0.43	0.45	0.46	0.36	0.23	0.25	0.22	0.46	0.01	2.0%
NC_162	20	4435	0.39	0.39	0.07	0.41	0.35	0.41	0.40	0.34	0.22	0.23	0.21	0.41	0.00	-0.5%
NC_163	20	4435	0.45	0.46	0.08	0.46	0.43	0.46	0.47	0.37	0.23	0.25	0.23	0.47	0.01	2.2%
NC_164	20	4435	0.99	0.97	0.15	0.98	0.81	0.98	0.99	0.85	0.56	0.55	0.55	0.99	0.01	0.8%
NC_165	15	4409	0.46	0.45	0.05	0.45	0.45	0.46	0.47	0.36	0.22	0.25	0.22	0.47	0.02	5.3%
NC_166	20	4435	0.51	0.51	0.09	0.51	0.46	0.51	0.52	0.42	0.26	0.28	0.26	0.52	0.01	2.2%
NC_167	20	4440	4.59	4.60	0.37	4.71	3.98	4.25	4.98	4.54	3.34	3.01	3.05	4.98	0.27	5.7%
NC_168	30	4509	7.28	7.25	0.96	7.29	6.39	6.56	7.92	7.25	5.31	4.70	4.96	7.92	0.63	8.7%
NC_169	15	4412	0.77	0.75	0.09	0.75	0.74	0.77	0.79	0.63	0.40	0.42	0.39	0.79	0.04	5.2%
NC_170	20	4435	0.47	0.47	0.09	0.50	0.42	0.50	0.49	0.42	0.28	0.29	0.27	0.50	0.00	-0.6%
NC_171	60	4565	3.71	3.62	0.63	3.79	1.90	2.53	3.09	3.79	3.35	2.90	2.80	3.79	0.00	-0.1%
NC_172	45	4542	5.56	5.24	0.89	5.39	4.83	4.95	6.11	5.53	3.97	3.55	3.80	6.11	0.72	13.3%
NC_173	20	4435	0.77	0.75	0.12	0.78	0.61	0.78	0.77	0.69	0.46	0.45	0.45	0.78	-0.01	-0.6%
NC_174	20	4436	1.51	1.50	0.16	1.54	1.28	1.39	1.61	1.40	0.97	0.87	0.95	1.61	0.07	4.7%
NC_175	20	4436	1.37	1.32	0.18	1.33	1.13	1.31	1.40	1.20	0.81	0.76	0.79	1.40	0.07	5.3%
NC_176	120	4623	2.17	2.13	0.19	2.14	0.97	1.26	1.90	2.12	2.30	2.11	2.05	2.30	0.16	7.7%
NC_177	15	4409	0.53	0.52	0.06	0.52	0.52	0.51	0.54	0.40	0.25	0.29	0.24	0.54	0.02	3.1%
NC_178	20	4434	0.86	0.85	0.13	0.86	0.76	0.84	0.87	0.70	0.45	0.46	0.44	0.87	0.01	0.9%
NC_179	60	4565	1.08	1.05	0.18	1.09	0.57	0.76	0.86	1.09	1.00	0.86	0.81	1.09	0.00	-0.4%
NC_180	20	4435	0.50	0.50	0.09	0.51	0.48	0.51	0.52	0.41	0.26	0.28	0.25	0.52	0.01	1.8%
NC_181	180	4659	2.29	2.25	0.31	2.26	0.92	1.20	1.89	2.13	2.30	2.37	2.26	2.37	0.11	5.0%
NC_182	20	4435	0.56	0.55	0.10	0.58	0.50	0.58	0.57	0.49	0.32	0.34	0.31	0.58	0.00	-0.5%
NC_183	15	4409	0.46	0.44	0.05	0.45	0.45	0.46	0.47	0.36	0.23	0.25	0.22	0.47	0.02	4.9%
NC_184	20	4435	0.46	0.47	0.08	0.48	0.44	0.48	0.48	0.39	0.24	0.26	0.24	0.48	0.00	0.6%
NC_185	20	4435	0.80	0.78	0.13	0.80	0.67	0.80	0.80	0.70	0.46	0.46	0.45	0.80	0.00	0.1%
NC_186	60	4565	0.29	0.29	0.06	0.29	0.17	0.26	0.26	0.29	0.24	0.21	0.22	0.29	0.00	-0.7%
NC_187	15	4409	0.46	0.45	0.05	0.45	0.45	0.46	0.48	0.37	0.23	0.26	0.22	0.48	0.03	6.2%
NC_188	20	4434	1.06	1.04	0.15	1.07	0.93	1.02	1.07	0.85	0.55	0.56	0.54	1.07	0.00	-0.2%
NC_189	45	4536	0.27	0.25	0.05	0.26	0.19	0.28	0.26	0.27	0.20	0.20	0.19	0.28	0.02	7.3%
NC_190	45	4540	4.76	4.70	0.25	4.72	3.21	3.91	4.60	5.06	3.99	3.63	3.36	5.06	0.34	7.2%
NC_191	15	4412	0.53	0.52	0.06	0.52	0.51	0.53	0.55	0.43	0.27	0.30	0.27	0.55	0.03	5.8%
NC_192	30	4509	7.94	7.92	1.02	7.96	6.98	7.15	8.59	7.90	5.76	5.09	5.39	8.59	0.63	7.9%
NC_193	180	4668	10.19	10.34	0.69	10.35	4.73	5.59	7.93	8.59	9.29	10.30	10.73	10.73	0.38	3.7%
NC_194	60	4565	0.80	0.79	0.13	0.80	0.37	0.51	0.65	0.80	0.76	0.65	0.60	0.80	0.00	0.3%
NC_195	20	4435	0.52	0.51	0.10	0.54	0.45	0.54	0.53	0.46	0.31	0.32	0.30	0.54	0.00	0.2%
NC_196	60	4565	0.50	0.50	0.09	0.51	0.30	0.39	0.45	0.51	0.41	0.36	0.37	0.51	0.00	0.6%
NC_197	20	4444	0.32	0.32	0.06	0.35	0.23	0.35	0.31	0.32	0.23	0.23	0.22	0.35	0.00	-0.9%
NC_198	15	4409	0.45	0.44	0.05	0.44	0.44	0.46	0.47	0.37	0.23	0.25	0.23	0.47	0.03	7.0%
NC_199	20	4434	1.11	1.08	0.15	1.09	0.94	1.06	1.13	0.92	0.60	0.60	0.59	1.13	0.04	3.8%
NC_200	20	4434	1.83	1.76	0.25	1.76	1.50	1.74	1.86	1.57	1.04	1.00	1.02	1.86	0.10	5.5%
NC_201	60	4565	0.39	0.38	0.08	0.38	0.22	0.33	0.34	0.38	0.32	0.28	0.29	0.38	0.00	1.1%
NC_202	20	4435	1.09	1.05	0.15	1.05	0.88	1.05	1.11	0.98	0.67	0.62	0.66	1.11	0.06	6.0%
NC_203	20	4435	0.78	0.77	0.10	0.77	0.64	0.77	0.79	0.73	0.51	0.48	0.49	0.79	0.02	3.1%
NC_204	45	4539	0.28	0.27	0.04	0.27	0.18	0.27	0.26	0.28	0.23	0.21	0.21	0.28	0.01	4.8%
NC_205	30	4509	4.79	4.77	0.62	4.78	4.18	4.36	5.21	4.79	3.52	3.17	3.21	5.21	0.43	9.1%
NC_206	60	4565	0.54	0.54	0.11	0.55	0.27	0.41	0.46	0.55	0.45	0.39	0.41	0.55	0.00	0.0%
NC_207	20	4436	2.11	2.07	0.25	2.11	1.79	1.93	2.21	1.85	1.25	1.19	1.23	2.21	0.10	4.5%
NC_208	20	4435	0.43	0.44	0.08	0.44	0.41	0.44	0.45	0.36	0.22	0.24	0.22	0.45	0.01	2.0%
NC_209	60	4565	0.25	0.24	0.05	0.25	0.15	0.22	0.23	0.25	0.20	0.18	0.18	0.25	0.00	-1.6%
NC_210	30	4509	8.50	8.50	1.02	8.55	7.38	7.56	9.14	8.49	6.17	5.46	5.75	9.14	0.58	6.8%
NC_211	20	4435	0.50	0.51	0.09	0.52	0.47	0.52	0.52	0.42	0.27	0.29	0.26	0.52	0.00	0.2%
NC_212	45	4539	0.24	0.23	0.04	0.23	0.15	0.23	0.23	0.24	0.19	0.18	0.18	0.24	0.01	6.1%
NC_213	45	4536	6.27	6.10	0.45	6.11	4.27	4.99	6.11	6.69	5.18	4.67	4.47	6.69	0.58	9.5%
NC_214	60	4565	0.54	0.53	0.09	0.55	0.27	0.35	0.44	0.55	0.52	0.44	0.42	0.55	-0.01	-0.9%
NC_215	60	4573	3.97	4.00	0.17	4.02	2.80	3.13	4.01	4.16	3.78	3.71	3.39	4.16	0.14	3.5%
NC_216	45	4536	0.26	0.24	0.04	0.25	0.17	0.26	0.25	0.26	0.20	0.19	0.19	0.26	0.01	4.8%
NC_217	60	4565	0.43	0.42	0.08	0.44	0.20	0.30	0.34	0.44	0.37	0.33	0.33	0.44	0.00	-0.5%
NC_218	60	4565	4.42	4.48	0.26	4.50	2.33	2.85	3.99	4.50	4.45	4.02	3.67	4.50	0.00	0.0%
NC_219	60	4565	0.65	0.65	0.13	0.67	0.33	0.49	0.53	0.67	0.56	0.49	0.50	0.67	0.00	-0.6%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_220	20	4436	1.56	1.52	0.18	1.56	1.31	1.46	1.63	1.41	0.98	0.89	0.95	1.63	0.07	4.6%
NC_221	20	4435	0.42	0.42	0.08	0.44	0.39	0.44	0.44	0.36	0.23	0.25	0.23	0.44	0.00	0.0%
NC_222	20	4435	0.40	0.40	0.08	0.42	0.35	0.42	0.41	0.35	0.23	0.24	0.22	0.42	0.00	-0.2%
NC_223	20	4435	0.55	0.55	0.09	0.55	0.53	0.55	0.57	0.45	0.28	0.31	0.28	0.57	0.02	3.3%
NC_224	20	4435	0.44	0.44	0.08	0.45	0.41	0.45	0.45	0.37	0.24	0.26	0.23	0.45	0.00	0.7%
NC_225	45	4478	4.54	4.48	0.28	4.52	3.15	3.61	4.61	4.84	3.67	3.34	3.24	4.84	0.32	7.0%
NC_226	20	4436	2.40	2.41	0.23	2.48	2.11	2.15	2.58	2.15	1.46	1.38	1.44	2.58	0.10	4.0%
NC_227	180	4659	2.39	2.37	0.31	2.37	1.05	1.21	1.90	2.15	2.34	2.53	2.37	2.53	0.16	6.9%
NC_228	20	4435	0.37	0.36	0.07	0.40	0.29	0.40	0.37	0.34	0.23	0.24	0.23	0.40	-0.01	-1.3%
NC_229	180	4667	10.39	10.46	0.46	10.52	4.70	5.57	7.77	8.47	9.30	10.35	10.85	10.85	0.33	3.1%
NC_230	45	4536	0.28	0.26	0.04	0.26	0.18	0.28	0.26	0.28	0.21	0.20	0.20	0.28	0.02	8.1%
NC_231	20	4435	0.75	0.73	0.10	0.76	0.59	0.76	0.74	0.73	0.55	0.51	0.51	0.76	0.00	-0.4%
NC_232	30	4509	8.70	8.72	0.99	8.78	7.49	7.67	9.30	8.73	6.35	5.61	5.88	9.30	0.52	6.0%
NC_233	45	4536	0.26	0.24	0.04	0.25	0.17	0.26	0.25	0.26	0.20	0.19	0.19	0.26	0.01	5.2%
NC_234	45	4541	6.70	6.55	0.47	6.57	4.44	5.27	6.45	7.16	5.61	5.06	4.80	7.16	0.59	8.9%
NC_235	20	4435	0.47	0.47	0.08	0.48	0.45	0.48	0.49	0.38	0.24	0.26	0.24	0.49	0.01	1.0%
NC_236	60	4565	0.84	0.83	0.16	0.87	0.38	0.57	0.70	0.87	0.72	0.63	0.63	0.87	0.00	0.0%
NC_237	60	4565	4.57	4.60	0.27	4.61	2.38	2.92	4.10	4.61	4.67	4.17	3.85	4.67	0.06	1.3%
NC_238	45	4542	22.18	21.87	1.23	22.05	15.69	17.87	22.57	23.66	18.02	16.56	15.88	23.66	1.61	7.3%
NC_239	60	4565	5.50	5.44	1.08	5.66	1.23	1.75	4.39	5.66	5.17	4.28	3.53	5.66	0.00	0.0%
NC_240	45	4536	6.91	6.85	0.21	6.85	3.91	4.79	6.85	7.35	6.36	5.69	5.24	7.35	0.50	7.3%
NC_241	45	4536	0.40	0.38	0.07	0.39	0.29	0.43	0.39	0.40	0.29	0.28	0.27	0.43	0.04	9.5%
NC_242	45	4536	0.30	0.28	0.05	0.28	0.19	0.29	0.28	0.30	0.23	0.21	0.21	0.30	0.02	6.1%
NC_243	45	4536	1.72	1.71	0.21	1.73	1.33	1.58	1.73	1.74	1.48	1.29	1.26	1.74	0.01	0.4%
NC_244	45	4542	22.35	22.01	1.41	22.23	16.39	18.40	22.83	23.76	17.92	16.34	15.82	23.76	1.53	6.9%
NC_245	60	4565	1.43	1.40	0.25	1.45	0.57	0.86	1.14	1.45	1.30	1.13	1.09	1.45	0.00	0.3%
NC_246	15	4409	0.50	0.49	0.06	0.49	0.49	0.50	0.52	0.39	0.24	0.28	0.24	0.52	0.03	5.7%
NC_247	20	4435	0.43	0.43	0.08	0.45	0.39	0.45	0.44	0.37	0.24	0.25	0.23	0.45	0.00	-0.9%
NC_248	60	4568	0.66	0.66	0.08	0.67	0.31	0.40	0.57	0.66	0.67	0.56	0.51	0.67	0.00	0.1%
NC_249	60	4565	0.99	0.98	0.17	1.02	0.62	0.78	0.86	1.02	0.86	0.75	0.75	1.02	0.00	0.4%
NC_250	45	4539	0.24	0.23	0.04	0.24	0.15	0.23	0.23	0.25	0.19	0.18	0.18	0.25	0.01	2.1%
NC_251	60	4565	0.24	0.24	0.05	0.24	0.15	0.22	0.23	0.24	0.20	0.18	0.18	0.24	0.00	1.7%
NC_252	60	4565	4.66	4.67	0.27	4.68	2.40	2.96	4.15	4.68	4.79	4.26	3.96	4.79	0.11	2.3%
NC_253	60	4565	1.17	1.16	0.15	1.19	0.82	0.99	1.05	1.19	1.08	0.93	0.87	1.19	0.00	0.0%
NC_254	60	4565	0.24	0.24	0.05	0.24	0.15	0.22	0.22	0.24	0.19	0.17	0.18	0.24	0.00	1.3%
NC_255	60	4565	0.43	0.42	0.08	0.43	0.23	0.35	0.37	0.43	0.36	0.31	0.32	0.43	0.00	-0.7%
NC_256	45	4539	0.26	0.25	0.04	0.25	0.17	0.25	0.25	0.26	0.20	0.19	0.19	0.26	0.01	5.2%
NC_257	60	4565	0.51	0.51	0.10	0.52	0.29	0.41	0.45	0.52	0.42	0.36	0.38	0.52	0.00	0.0%
NC_258	60	4570	4.40	4.42	0.06	4.43	2.76	3.11	4.15	4.43	4.49	4.47	4.05	4.49	0.06	1.4%
NC_259	45	4536	0.29	0.27	0.05	0.28	0.19	0.29	0.28	0.30	0.23	0.21	0.21	0.30	0.02	5.7%
NC_260	60	4565	13.98	13.76	2.31	14.25	9.60	10.04	12.01	14.25	12.61	10.60	9.03	14.25	0.00	0.0%
NC_261	15	4409	0.50	0.49	0.05	0.49	0.49	0.48	0.51	0.37	0.23	0.27	0.22	0.51	0.02	3.1%
NC_262	20	4440	3.60	3.60	0.34	3.69	3.15	3.23	3.93	3.36	2.34	2.11	2.27	3.93	0.24	6.4%
NC_263	180	4662	113.23	113.09	3.38	114.46	38.52	48.25	77.62	88.19	98.40	105.29	114.64	114.64	0.18	0.2%
NC_264	45	4539	0.25	0.24	0.04	0.24	0.15	0.23	0.23	0.25	0.20	0.18	0.18	0.25	0.01	4.2%
NC_265	20	4435	0.64	0.64	0.11	0.65	0.61	0.65	0.66	0.53	0.34	0.36	0.33	0.66	0.01	1.8%
NC_266	20	4436	1.01	1.00	0.11	1.01	0.84	0.99	1.05	0.97	0.68	0.63	0.66	1.05	0.04	4.0%
NC_267	60	4565	0.50	0.49	0.09	0.51	0.22	0.34	0.39	0.51	0.45	0.39	0.38	0.51	0.00	-0.6%
NC_268	180	4659	15.30	15.40	2.62	15.44	4.33	5.11	8.60	10.59	13.75	15.03	15.44	15.44	0.00	0.0%
NC_269	60	4565	0.43	0.42	0.08	0.44	0.20	0.29	0.34	0.44	0.37	0.33	0.33	0.44	0.00	-0.5%
NC_270	45	4539	1.29	1.25	0.11	1.26	0.83	1.00	1.24	1.37	1.07	0.96	0.94	1.37	0.11	8.7%
NC_271	90	4598	4.53	4.56	0.22	4.57	2.70	3.07	4.14	4.43	4.76	4.66	4.32	4.76	0.19	4.1%
NC_272	180	4667	10.54	10.51	0.36	10.54	4.67	5.55	7.76	8.45	9.30	10.36	10.95	10.95	0.41	3.9%
NC_273	60	4565	0.49	0.48	0.09	0.49	0.21	0.31	0.38	0.49	0.44	0.38	0.37	0.49	0.00	0.8%
NC_274	60	4568	5.17	5.12	0.35	5.14	2.61	3.24	4.55	5.10	5.34	4.65	4.34	5.34	0.20	3.9%
NC_275	60	4565	14.05	13.88	2.26	14.33	9.65	10.11	12.17	14.33	12.77	10.70	9.09	14.33	0.00	0.0%
NC_276	20	4435	0.37	0.37	0.07	0.39	0.32	0.39	0.38	0.33	0.22	0.23	0.21	0.39	0.00	0.8%
NC_277	45	4541	1.37	1.33	0.07	1.34	0.77	0.96	1.32	1.45	1.24	1.10	1.03	1.45	0.11	8.0%
NC_278	20	4435	0.37	0.36	0.07	0.39	0.30	0.39	0.37	0.34	0.23	0.24	0.22	0.39	0.00	0.8%
NC_279	60	4565	15.05	15.01	2.06	15.34	10.65	11.44	13.76	15.34	14.09	11.60	9.86	15.34	0.00	0.0%
NC_280	180	4662	113.23	113.08	3.38	114.46	38.53	48.27	77.65	88.23	98.42	105.30	114.64	114.64	0.18	0.2%
NC_281	20	4435	0.37	0.36	0.07	0.39	0.31	0.39	0.38	0.33	0.22	0.23	0.21	0.39	0.00	0.3%
NC_282	60	4565	0.28	0.28	0.06	0.28	0.17	0.25	0.26	0.28	0.23	0.20	0.21	0.28	0.00	0.4%
NC_283	20	4435	0.70	0.69	0.12	0.71	0.58	0.71	0.71	0.61	0.40	0.40	0.39	0.71	0.00	-0.4%
NC_284	60	4568	1.24	1.25	0.16	1.27	0.49	0.69	1.10	1.24	1.29	1.08	0.98	1.29	0.02	1.8%
NC_285	45	4542	22.71	22.38	1.11	22.54	15.52	17.88	23.14	24.32	18.73	17.33	16.49	24.32	1.78	7.9%
NC_286	60	4565	0.24	0.24	0.05	0.24	0.15	0.22	0.23	0.24	0.20	0.18	0.18	0.24	0.00	1.7%
NC_287	180	4662	113.36	113.19	3.31	114.52	38.49	48.22	77.58	88.16	98.38	105.31	114.75	114.75	0.23	0.2%
NC_288	20	4435	0.64	0.64	0.11	0.66	0.60	0.66	0.66	0.55	0.36	0.37	0.35	0.66	0.00	0.2%
NC_289	20	4440	2.61	2.62	0.20	2.67	2.26	2.37	2.85	2.57	1.79	1.61	1.73	2.85	0.18	6.6%
NC_290	20	4435	0.43	0.43	0.08	0.44	0.41	0.44	0.44	0.36	0.22	0.24	0.22	0.44	0.00	0.9%
NC_291	20	4435	0.49	0.49	0.09	0.51	0.44	0.51	0.50	0.43	0.28	0.30	0.27	0.51	0.00	0.4%
NC_292	60	4565	0.57	0.56	0.11	0.57	0.29	0.44	0.46	0.58	0.51	0.44	0.44	0.58	0.01	0.9%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_293	60	4573	8.15	8.28	0.75	8.49	4.43	5.51	7.99	8.72	7.61	6.90	6.35	8.72	0.23	2.7%
NC_294	60	4568	2.52	2.59	0.29	2.62	0.96	1.35	2.24	2.56	2.66	2.25	2.06	2.66	0.04	1.5%
NC_295	20	4435	0.44	0.44	0.08	0.46	0.39	0.46	0.45	0.38	0.25	0.26	0.24	0.46	-0.01	-1.1%
NC_296	20	4435	0.42	0.43	0.08	0.44	0.39	0.44	0.44	0.36	0.23	0.25	0.23	0.44	0.00	0.2%
NC_297	20	4435	0.61	0.60	0.08	0.61	0.48	0.61	0.64	0.60	0.43	0.40	0.41	0.64	0.03	5.6%
NC_298	30	4509	2.63	2.64	0.23	2.65	2.11	2.22	2.75	2.68	1.91	1.72	1.78	2.75	0.10	3.7%
NC_299	60	4573	32.83	33.42	3.13	34.32	19.34	23.45	32.25	35.21	29.99	27.31	25.39	35.21	0.89	2.6%
NC_300	20	4435	0.48	0.48	0.09	0.49	0.45	0.49	0.50	0.40	0.26	0.28	0.25	0.50	0.01	1.4%
NC_301	20	4435	0.87	0.87	0.15	0.89	0.80	0.89	0.91	0.73	0.47	0.49	0.46	0.91	0.02	2.0%
NC_302	180	4662	113.27	113.11	3.39	114.47	38.61	48.35	77.77	88.35	98.52	105.35	114.66	114.66	0.19	0.2%
NC_303	45	4542	1.45	1.41	0.19	1.46	1.18	1.31	1.51	1.48	1.07	0.96	1.01	1.51	0.05	3.2%
NC_304	60	4565	0.95	0.95	0.14	0.95	0.42	0.57	0.80	0.95	0.93	0.79	0.73	0.95	0.00	0.4%
NC_305	20	4435	0.38	0.38	0.07	0.41	0.33	0.41	0.39	0.34	0.22	0.24	0.22	0.41	0.00	-1.2%
NC_306	90	4594	2.97	3.05	0.53	3.24	1.05	1.50	2.63	3.04	3.24	2.81	2.59	3.24	0.00	-0.1%
NC_307	60	4565	0.85	0.83	0.15	0.87	0.43	0.60	0.68	0.87	0.77	0.67	0.65	0.87	0.00	-0.2%
NC_308	60	4572	11.17	11.46	0.92	11.66	5.20	6.75	10.55	11.73	11.07	9.90	9.09	11.73	0.07	0.6%
NC_309	60	4565	0.70	0.69	0.13	0.72	0.31	0.47	0.55	0.72	0.62	0.54	0.53	0.72	-0.01	-0.7%
NC_310	90	4590	5.33	5.32	0.24	5.34	3.00	3.38	4.38	4.79	5.61	5.29	4.94	5.61	0.27	5.0%
NC_311	20	4440	1.33	1.34	0.10	1.37	1.16	1.22	1.44	1.30	0.91	0.82	0.88	1.44	0.07	5.0%
NC_312	20	4435	0.81	0.79	0.13	0.80	0.69	0.80	0.81	0.68	0.45	0.44	0.44	0.81	0.01	1.5%
NC_313	60	4573	8.13	8.24	0.73	8.44	4.35	5.43	7.94	8.70	7.63	6.94	6.42	8.70	0.26	3.0%
NC_314	45	4539	0.36	0.34	0.06	0.34	0.23	0.34	0.33	0.36	0.29	0.26	0.26	0.36	0.02	5.6%
NC_315	20	4435	1.31	1.25	0.19	1.26	1.07	1.26	1.35	1.13	0.76	0.73	0.75	1.35	0.09	6.7%
NC_316	90	4594	3.27	3.38	0.54	3.57	1.11	1.58	2.85	3.27	3.57	3.13	2.85	3.57	0.00	-0.1%
NC_317	20	4435	0.41	0.42	0.08	0.43	0.38	0.43	0.43	0.35	0.23	0.24	0.22	0.43	0.00	0.2%
NC_318	180	4667	106.70	106.96	6.46	108.33	38.26	47.85	76.74	87.09	96.76	102.53	108.67	108.67	0.34	0.3%
NC_319	15	4409	0.46	0.45	0.05	0.45	0.45	0.46	0.48	0.37	0.23	0.26	0.23	0.48	0.03	5.8%
NC_320	90	4594	3.40	3.53	0.55	3.71	1.12	1.60	2.94	3.37	3.71	3.28	2.97	3.71	0.00	0.0%
NC_321	20	4435	0.50	0.50	0.09	0.51	0.47	0.51	0.52	0.42	0.26	0.28	0.26	0.52	0.01	1.4%
NC_322	45	4536	0.26	0.24	0.04	0.25	0.17	0.26	0.25	0.26	0.20	0.19	0.19	0.26	0.01	5.2%
NC_323	20	4435	0.94	0.93	0.16	0.97	0.82	0.97	0.95	0.85	0.59	0.59	0.56	0.97	-0.01	-0.5%
NC_324	90	4593	5.58	5.64	0.94	5.90	2.16	3.07	4.84	5.34	6.04	5.04	4.55	6.04	0.14	2.3%
NC_325	180	4663	14.70	15.08	0.81	15.13	6.14	7.42	10.53	11.57	13.08	14.29	15.18	15.18	0.05	0.3%
NC_326	90	4593	5.72	5.84	0.96	6.16	2.08	2.94	4.91	5.56	6.22	5.23	4.81	6.22	0.06	1.0%
NC_327	60	4565	0.44	0.43	0.09	0.44	0.24	0.36	0.37	0.44	0.38	0.33	0.33	0.44	0.00	0.0%
NC_328	20	4435	0.40	0.40	0.08	0.42	0.35	0.42	0.41	0.35	0.22	0.23	0.22	0.42	0.00	-0.5%
NC_329	20	4435	0.47	0.47	0.09	0.49	0.44	0.49	0.49	0.40	0.26	0.28	0.25	0.49	0.00	-0.2%
NC_330	20	4435	0.41	0.41	0.08	0.43	0.38	0.43	0.43	0.35	0.22	0.24	0.22	0.43	0.00	-0.9%
NC_331	60	4573	8.60	8.72	0.73	8.88	4.47	5.62	8.36	9.21	8.17	7.46	6.93	9.21	0.32	3.7%
NC_332	20	4435	1.33	1.28	0.19	1.31	1.08	1.31	1.35	1.19	0.84	0.79	0.81	1.35	0.04	2.7%
NC_333	30	4513	3.14	3.14	0.30	3.16	2.49	2.72	3.26	3.24	2.33	2.09	2.16	3.26	0.09	3.0%
NC_334	20	4435	0.42	0.42	0.08	0.44	0.38	0.44	0.44	0.37	0.24	0.25	0.23	0.44	0.00	0.7%
NC_335	45	4539	0.24	0.23	0.04	0.23	0.15	0.22	0.23	0.24	0.19	0.18	0.18	0.24	0.01	6.1%
NC_336	45	4539	0.25	0.23	0.04	0.24	0.15	0.23	0.23	0.25	0.20	0.18	0.18	0.25	0.01	3.3%
NC_337	20	4435	0.55	0.55	0.10	0.56	0.52	0.56	0.57	0.45	0.29	0.31	0.28	0.57	0.01	1.2%
NC_338	60	4565	0.28	0.28	0.06	0.28	0.17	0.25	0.26	0.28	0.23	0.20	0.21	0.28	0.00	0.0%
NC_339	20	4436	0.86	0.86	0.09	0.88	0.73	0.79	0.93	0.80	0.56	0.51	0.54	0.93	0.05	5.7%
NC_340	45	4536	0.29	0.28	0.05	0.28	0.21	0.32	0.28	0.29	0.21	0.21	0.20	0.32	0.04	12.9%
NC_341	180	4663	14.73	15.05	0.77	15.10	6.13	7.40	10.52	11.56	13.02	14.27	15.24	15.24	0.14	0.9%
NC_342	20	4436	2.45	2.36	0.31	2.40	2.03	2.31	2.53	2.17	1.49	1.38	1.46	2.53	0.13	5.4%
NC_343	60	4565	0.58	0.57	0.12	0.58	0.33	0.47	0.52	0.58	0.47	0.41	0.43	0.58	0.00	0.3%
NC_344	20	4435	0.83	0.81	0.13	0.83	0.69	0.83	0.83	0.72	0.48	0.47	0.47	0.83	0.00	0.0%
NC_345	60	4565	0.24	0.24	0.05	0.24	0.15	0.22	0.23	0.24	0.20	0.18	0.18	0.24	0.00	1.3%
NC_346	20	4436	2.34	2.25	0.31	2.28	1.91	2.22	2.44	2.08	1.41	1.33	1.38	2.44	0.16	6.9%
NC_347	20	4435	0.45	0.45	0.08	0.45	0.43	0.45	0.47	0.36	0.23	0.25	0.22	0.47	0.02	3.3%
NC_348	60	4565	0.45	0.44	0.08	0.46	0.19	0.29	0.35	0.46	0.39	0.34	0.34	0.46	0.00	-0.9%
NC_349	60	4565	0.62	0.61	0.11	0.63	0.29	0.42	0.50	0.63	0.60	0.51	0.47	0.63	0.00	-0.6%
NC_350	90	4594	5.99	6.16	0.98	6.53	2.15	3.00	5.09	5.84	6.53	5.58	5.17	6.53	0.00	-0.1%
NC_351	60	4565	0.42	0.42	0.08	0.43	0.21	0.32	0.34	0.43	0.37	0.32	0.32	0.43	0.00	-0.5%
NC_352	60	4568	0.75	0.74	0.11	0.76	0.34	0.47	0.64	0.73	0.77	0.64	0.57	0.77	0.01	0.7%
NC_353	20	4435	0.78	0.76	0.10	0.77	0.63	0.77	0.77	0.72	0.49	0.47	0.48	0.77	0.00	0.5%
NC_354	60	4572	11.10	11.41	0.94	11.60	5.20	6.75	10.50	11.67	10.98	9.81	8.98	11.67	0.07	0.6%
NC_355	180	4667	106.70	106.95	6.46	108.33	38.26	47.85	76.74	87.11	96.76	102.53	108.66	108.66	0.33	0.3%
NC_356	90	4593	6.62	6.76	0.69	6.96	2.55	2.90	5.01	5.85	7.07	6.34	6.10	7.07	0.11	1.6%
NC_357	15	4412	0.49	0.47	0.06	0.47	0.47	0.49	0.51	0.39	0.25	0.27	0.24	0.51	0.04	7.9%
NC_358	60	4565	3.15	3.13	0.52	3.21	1.27	1.90	2.59	3.21	2.94	2.52	2.43	3.21	0.00	0.0%
NC_359	20	4435	0.82	0.79	0.12	0.81	0.67	0.81	0.85	0.72	0.49	0.46	0.48	0.85	0.04	4.9%
NC_360	60	4565	0.61	0.61	0.12	0.62	0.30	0.45	0.51	0.62	0.51	0.44	0.46	0.62	0.00	0.3%
NC_361	60	4565	0.90	0.90	0.15	0.92	0.61	0.78	0.83	0.92	0.76	0.66	0.68	0.92	0.00	-0.1%
NC_362	180	4667	106.69	106.94	6.47	108.32	38.27	47.86	76.75	87.12	96.77	102.54	108.66	108.66	0.34	0.3%
NC_363	45	4539	0.28	0.26	0.04	0.27	0.17	0.27	0.26	0.28	0.22	0.20	0.21	0.28	0.01	4.1%
NC_364	20	4435	0.42	0.42	0.08	0.44	0.39	0.44	0.44	0.35	0.23	0.24	0.22	0.44	0.00	-0.9%
NC_365	60	4565	0.63	0.62	0.10	0.62	0.24	0.35	0.52	0.62	0.62	0.52	0.48	0.62	0.00	0.5%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_366	20	4435	0.62	0.62	0.11	0.64	0.57	0.64	0.64	0.53	0.35	0.37	0.34	0.64	0.00	-0.6%
NC_367	60	4565	0.48	0.47	0.09	0.49	0.22	0.32	0.38	0.49	0.43	0.37	0.37	0.49	0.00	0.6%
NC_368	60	4565	3.21	3.17	0.59	3.29	1.45	2.16	2.69	3.29	2.81	2.44	2.42	3.29	0.00	0.0%
NC_369	60	4565	0.27	0.27	0.05	0.27	0.16	0.25	0.25	0.27	0.21	0.19	0.20	0.27	0.00	-1.1%
NC_370	20	4435	0.42	0.42	0.08	0.44	0.38	0.44	0.43	0.36	0.23	0.25	0.23	0.44	0.00	-0.7%
NC_371	60	4565	1.39	1.38	0.27	1.43	0.69	1.02	1.20	1.43	1.16	1.01	1.04	1.43	0.00	-0.3%
NC_372	180	4667	106.68	106.93	6.48	108.33	38.28	47.87	76.76	87.12	96.78	102.53	108.65	108.65	0.32	0.3%
NC_373	20	4435	0.44	0.44	0.08	0.45	0.42	0.45	0.45	0.36	0.23	0.25	0.22	0.45	0.00	0.9%
NC_374	60	4565	0.55	0.54	0.11	0.55	0.29	0.43	0.46	0.55	0.48	0.41	0.41	0.55	0.00	-0.5%
NC_375	90	4593	3.64	3.69	0.53	3.86	1.56	2.08	3.22	3.62	3.91	3.38	3.25	3.91	0.05	1.3%
NC_376	20	4435	0.48	0.49	0.09	0.50	0.46	0.50	0.50	0.40	0.26	0.28	0.25	0.50	0.00	0.2%
NC_377	90	4593	6.85	7.02	1.11	7.41	2.66	3.50	5.83	6.67	7.45	6.37	5.88	7.45	0.04	0.5%
NC_378	45	4536	0.28	0.26	0.05	0.27	0.19	0.28	0.27	0.28	0.21	0.20	0.20	0.28	0.01	4.8%
NC_379	15	4412	0.52	0.50	0.06	0.50	0.50	0.51	0.53	0.41	0.25	0.29	0.25	0.53	0.03	6.4%
NC_380	60	4565	3.04	2.99	0.56	3.11	1.40	2.08	2.55	3.11	2.63	2.28	2.28	3.11	0.00	0.0%
NC_381	90	4593	6.72	6.85	0.68	7.08	2.62	3.06	5.04	5.88	7.15	6.44	6.23	7.15	0.07	1.0%
NC_382	20	4435	0.37	0.36	0.07	0.39	0.31	0.39	0.38	0.33	0.22	0.23	0.21	0.39	0.00	0.5%
NC_383	45	4536	0.69	0.66	0.10	0.66	0.47	0.66	0.66	0.69	0.54	0.49	0.50	0.69	0.03	4.1%
NC_384	60	4565	0.32	0.32	0.07	0.32	0.20	0.30	0.30	0.32	0.26	0.24	0.24	0.32	0.00	0.9%
NC_385	180	4663	17.70	18.38	2.44	18.47	8.87	10.20	13.46	14.74	15.28	16.41	18.30	18.30	-0.17	-0.9%
NC_386	15	4409	0.49	0.48	0.05	0.49	0.49	0.47	0.50	0.37	0.23	0.27	0.22	0.50	0.01	1.8%
NC_387	20	4435	0.37	0.37	0.07	0.40	0.27	0.40	0.36	0.36	0.26	0.26	0.25	0.40	0.00	-0.8%
NC_388	60	4565	0.44	0.43	0.09	0.44	0.24	0.36	0.38	0.44	0.38	0.32	0.33	0.44	0.00	-0.2%
NC_389	60	4565	1.70	1.68	0.29	1.74	0.87	1.22	1.43	1.74	1.52	1.32	1.28	1.74	0.00	0.2%
NC_390	60	4565	0.30	0.30	0.06	0.30	0.18	0.27	0.27	0.30	0.25	0.22	0.23	0.30	0.00	0.3%
NC_391	20	4435	1.28	1.24	0.19	1.28	1.02	1.28	1.30	1.16	0.80	0.78	0.78	1.30	0.01	1.2%
NC_392	60	4565	0.28	0.28	0.06	0.28	0.16	0.25	0.25	0.28	0.23	0.20	0.21	0.28	0.00	-1.4%
NC_393	15	4410	1.38	1.36	0.14	1.37	1.25	1.30	1.39	1.09	0.70	0.74	0.69	1.39	0.02	1.6%
NC_394	180	4667	106.48	106.66	6.77	108.40	38.55	48.16	77.16	87.53	97.06	102.63	108.55	108.55	0.15	0.1%
NC_395	20	4435	0.40	0.41	0.08	0.42	0.37	0.42	0.42	0.35	0.22	0.24	0.22	0.42	0.00	0.5%
NC_396	60	4565	1.44	1.42	0.27	1.48	0.65	0.97	1.19	1.48	1.27	1.10	1.09	1.48	0.00	-0.1%
NC_397	45	4478	2.19	2.17	0.08	2.17	1.82	1.92	2.21	2.29	1.94	1.81	1.75	2.29	0.12	5.7%
NC_398	45	4539	0.25	0.23	0.04	0.24	0.15	0.23	0.23	0.25	0.20	0.18	0.18	0.25	0.01	3.8%
NC_399	180	4667	106.67	106.92	6.49	108.33	38.28	47.87	76.77	87.14	96.78	102.54	108.65	108.65	0.32	0.3%
NC_400	15	4409	0.47	0.47	0.05	0.47	0.47	0.47	0.49	0.37	0.23	0.26	0.22	0.49	0.02	3.6%
NC_401	120	4626	7.44	7.18	0.66	7.25	3.51	4.39	5.44	6.34	7.87	7.25	6.86	7.87	0.62	8.6%
NC_402	20	4435	1.05	1.01	0.15	1.02	0.85	1.02	1.07	0.90	0.60	0.57	0.59	1.07	0.05	4.6%
NC_403	180	4667	106.48	106.64	6.68	108.33	38.39	47.99	76.92	87.29	96.88	102.55	108.55	108.55	0.22	0.2%
NC_404	180	4667	106.67	106.91	6.50	108.33	38.29	47.88	76.78	87.14	96.79	102.54	108.65	108.65	0.32	0.3%
NC_405	45	4536	0.26	0.24	0.04	0.24	0.17	0.25	0.24	0.26	0.20	0.19	0.19	0.26	0.02	7.9%
NC_406	20	4434	2.02	1.97	0.29	1.99	1.75	1.94	2.08	1.69	1.11	1.11	1.09	2.08	0.09	4.3%
NC_407	20	4435	0.42	0.42	0.08	0.44	0.38	0.44	0.43	0.36	0.23	0.25	0.23	0.44	-0.01	-1.1%
NC_408	60	4565	1.50	1.48	0.26	1.53	0.78	1.11	1.24	1.53	1.34	1.16	1.13	1.53	0.00	0.0%
NC_409	15	4412	0.52	0.51	0.06	0.51	0.51	0.52	0.54	0.42	0.26	0.29	0.26	0.54	0.03	5.7%
NC_410	20	4435	0.76	0.75	0.12	0.78	0.58	0.78	0.76	0.72	0.51	0.49	0.49	0.78	0.00	-0.4%
NC_411	20	4436	1.49	1.44	0.19	1.46	1.25	1.40	1.53	1.29	0.87	0.83	0.85	1.53	0.07	4.7%
NC_412	20	4435	0.84	0.82	0.13	0.86	0.67	0.86	0.82	0.77	0.53	0.52	0.52	0.86	0.00	-0.2%
NC_413	15	4409	0.49	0.48	0.06	0.48	0.48	0.50	0.51	0.40	0.25	0.28	0.24	0.51	0.03	6.7%
NC_414	20	4435	0.41	0.42	0.08	0.43	0.39	0.43	0.43	0.35	0.22	0.24	0.22	0.43	0.00	0.5%
NC_415	15	4412	0.61	0.60	0.07	0.60	0.60	0.61	0.63	0.48	0.30	0.34	0.30	0.63	0.03	5.0%
NC_416	15	4412	0.58	0.57	0.07	0.57	0.56	0.59	0.61	0.48	0.30	0.33	0.30	0.61	0.04	6.3%
NC_417	45	4541	1.09	1.06	0.13	1.06	0.78	1.00	1.02	1.12	0.92	0.82	0.81	1.12	0.06	5.6%
NC_418	15	4409	0.56	0.55	0.06	0.56	0.56	0.54	0.57	0.42	0.26	0.30	0.25	0.57	0.01	1.8%
NC_419	20	4440	1.94	1.96	0.15	1.99	1.72	1.74	2.11	1.83	1.25	1.13	1.22	2.11	0.12	5.8%
NC_420	15	4409	0.45	0.44	0.05	0.44	0.44	0.46	0.47	0.37	0.23	0.25	0.22	0.47	0.03	6.8%
NC_421	60	4565	0.77	0.78	0.11	0.78	0.34	0.46	0.66	0.78	0.75	0.64	0.59	0.78	0.00	-0.5%
NC_422	180	4659	105.92	106.37	7.13	108.17	38.58	48.18	77.16	87.52	96.98	102.45	108.17	108.17	0.00	0.0%
NC_423	20	4435	0.45	0.46	0.08	0.47	0.43	0.47	0.47	0.38	0.24	0.26	0.23	0.47	0.00	0.4%
NC_424	60	4565	2.48	2.49	0.43	2.57	1.25	1.69	2.17	2.57	2.13	1.86	1.86	2.57	0.00	-0.2%
NC_425	60	4565	0.52	0.51	0.10	0.53	0.27	0.40	0.45	0.53	0.42	0.37	0.39	0.53	0.00	-0.8%
NC_426	20	4435	0.44	0.44	0.08	0.45	0.42	0.45	0.45	0.36	0.23	0.25	0.22	0.45	0.00	0.9%
NC_427	20	4436	2.12	2.08	0.26	2.09	1.78	1.97	2.21	1.82	1.22	1.19	1.20	2.21	0.12	5.6%
NC_428	20	4435	0.63	0.62	0.08	0.63	0.52	0.63	0.63	0.58	0.38	0.37	0.37	0.63	0.00	0.2%
NC_429	20	4435	0.43	0.43	0.08	0.44	0.41	0.44	0.45	0.35	0.22	0.24	0.22	0.45	0.01	1.1%
NC_430	15	4410	0.76	0.76	0.07	0.76	0.76	0.69	0.75	0.53	0.33	0.40	0.32	0.76	0.00	0.4%
NC_431	45	4536	0.29	0.27	0.05	0.28	0.20	0.30	0.28	0.29	0.21	0.21	0.20	0.30	0.02	6.8%
NC_432	20	4436	1.88	1.85	0.20	1.90	1.63	1.72	1.97	1.64	1.11	1.06	1.09	1.97	0.07	3.6%
NC_433	20	4436	1.31	1.32	0.11	1.35	1.12	1.24	1.41	1.30	0.92	0.83	0.89	1.41	0.06	4.5%
NC_434	60	4565	0.24	0.24	0.05	0.24	0.15	0.22	0.23	0.24	0.19	0.17	0.18	0.24	0.00	1.3%
NC_435	15	4409	0.53	0.52	0.06	0.53	0.53	0.51	0.54	0.39	0.24	0.29	0.24	0.54	0.01	1.3%
NC_436	30	4509	2.00	2.01	0.15	2.01	1.60	1.70	2.06	2.04	1.42	1.29	1.33	2.06	0.05	2.3%
NC_437	180	4659	105.96	106.40	7.15	108.20	38.67	48.28	77.30	87.67	97.10	102.52	108.20	108.20	0.00	0.0%
NC_438	15	4412	0.92	0.91	0.10	0.92	0.85	0.88	0.93	0.72	0.46	0.49	0.45	0.93	0.01	1.4%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_439	60	4565	0.24	0.24	0.05	0.24	0.15	0.22	0.23	0.24	0.19	0.17	0.18	0.24	0.00	1.3%
NC_440	45	4478	2.11	2.07	0.24	2.08	1.64	1.90	2.10	2.17	1.74	1.53	1.52	2.17	0.09	4.3%
NC_441	45	4542	0.65	0.62	0.10	0.66	0.48	0.64	0.66	0.64	0.48	0.44	0.45	0.66	0.00	-0.3%
NC_442	20	4435	0.40	0.39	0.07	0.43	0.31	0.43	0.40	0.37	0.25	0.26	0.25	0.43	0.00	-0.9%
NC_443	120	4628	9.40	9.14	1.14	9.42	6.54	7.15	8.45	8.95	9.92	8.85	8.32	9.92	0.50	5.3%
NC_444	20	4435	0.69	0.68	0.09	0.69	0.57	0.69	0.69	0.64	0.43	0.41	0.42	0.69	0.00	0.1%
NC_445	60	4565	0.29	0.29	0.06	0.29	0.17	0.26	0.26	0.29	0.23	0.21	0.22	0.29	0.00	-0.7%
NC_446	15	4410	1.32	1.32	0.12	1.34	1.14	1.21	1.32	1.05	0.68	0.70	0.67	1.32	-0.02	-1.3%
NC_447	20	4435	0.89	0.87	0.13	0.89	0.71	0.89	0.90	0.81	0.56	0.53	0.54	0.90	0.01	1.0%
NC_448	60	4565	1.69	1.65	0.30	1.72	0.71	1.07	1.36	1.72	1.53	1.32	1.28	1.72	0.00	-0.1%
NC_449	30	4513	2.02	2.01	0.19	2.01	1.63	1.76	2.08	2.07	1.48	1.33	1.39	2.08	0.07	3.3%
NC_450	60	4565	2.08	2.09	0.37	2.15	1.08	1.45	1.84	2.15	1.76	1.55	1.56	2.15	0.00	0.0%
NC_451	60	4565	1.89	1.89	0.34	1.95	1.01	1.34	1.68	1.95	1.57	1.38	1.40	1.95	0.00	-0.1%
NC_452	180	4659	3.52	3.59	0.38	3.61	0.89	1.27	2.29	2.64	3.12	3.38	3.61	3.61	0.00	0.1%
NC_453	20	4435	0.73	0.71	0.11	0.74	0.60	0.74	0.72	0.68	0.49	0.48	0.47	0.74	0.00	0.0%
NC_454	60	4565	0.65	0.64	0.11	0.66	0.35	0.48	0.52	0.66	0.58	0.51	0.49	0.66	0.00	0.6%
NC_455	60	4565	1.07	1.05	0.20	1.09	0.47	0.71	0.86	1.09	0.95	0.82	0.81	1.09	0.00	0.1%
NC_456	10	4376	1.12	1.14	0.06	1.14	1.02	1.03	1.12	0.84	0.53	0.58	0.52	1.12	-0.02	-1.6%
NC_457	180	4659	105.99	106.42	7.17	108.22	38.73	48.35	77.39	87.76	97.18	102.57	108.22	108.22	0.00	0.0%
NC_458	180	4659	33.54	34.72	3.10	34.80	14.91	17.55	25.61	27.71	30.24	30.99	34.80	34.80	0.00	0.0%
NC_459	15	4409	0.52	0.52	0.05	0.52	0.52	0.49	0.52	0.38	0.23	0.28	0.23	0.52	0.00	0.8%
NC_460	15	4409	0.51	0.50	0.05	0.51	0.51	0.49	0.52	0.38	0.24	0.28	0.23	0.52	0.01	1.8%
NC_461	20	4436	1.52	1.52	0.12	1.56	1.36	1.42	1.58	1.37	0.89	0.84	0.88	1.58	0.02	1.4%
NC_462	20	4435	1.22	1.18	0.18	1.18	1.02	1.18	1.25	1.06	0.71	0.69	0.70	1.25	0.07	6.2%
NC_463	15	4410	1.50	1.50	0.14	1.54	1.30	1.39	1.51	1.22	0.80	0.80	0.79	1.51	-0.03	-1.9%
NC_464	45	4536	0.28	0.26	0.05	0.27	0.19	0.29	0.27	0.28	0.20	0.20	0.19	0.29	0.02	8.1%
NC_465	20	4434	1.08	1.06	0.16	1.07	0.94	1.05	1.09	0.89	0.58	0.58	0.57	1.09	0.01	1.4%
NC_466	90	4597	15.34	15.37	1.98	15.95	8.99	10.58	13.46	16.17	16.48	15.29	14.22	16.48	0.53	3.3%
NC_467	60	4565	0.24	0.24	0.05	0.24	0.15	0.22	0.23	0.24	0.19	0.17	0.18	0.24	0.00	1.3%
NC_468	20	4435	0.61	0.61	0.11	0.62	0.57	0.62	0.63	0.51	0.33	0.35	0.32	0.63	0.01	0.8%
NC_469	20	4436	1.03	1.04	0.09	1.06	0.88	0.98	1.11	1.01	0.72	0.64	0.69	1.11	0.05	4.3%
NC_470	60	4569	2.16	2.20	0.26	2.26	1.52	1.72	2.07	2.27	1.92	1.68	1.58	2.27	0.01	0.4%
NC_471	15	4409	0.51	0.51	0.05	0.51	0.51	0.49	0.52	0.38	0.23	0.28	0.23	0.52	0.01	2.4%
NC_472	60	4565	0.46	0.46	0.09	0.47	0.28	0.39	0.42	0.47	0.38	0.33	0.34	0.47	0.00	-1.1%
NC_473	15	4409	0.52	0.51	0.06	0.51	0.51	0.51	0.53	0.41	0.26	0.29	0.25	0.53	0.02	4.7%
NC_474	60	4565	0.24	0.24	0.05	0.24	0.15	0.22	0.22	0.24	0.19	0.17	0.18	0.24	0.00	0.8%
NC_475	15	4409	0.54	0.55	0.05	0.55	0.55	0.50	0.54	0.38	0.23	0.28	0.23	0.55	0.00	-0.2%
NC_476	20	4444	0.31	0.31	0.06	0.33	0.23	0.34	0.30	0.30	0.21	0.21	0.20	0.34	0.01	1.5%
NC_477	20	4435	0.41	0.41	0.08	0.43	0.38	0.43	0.43	0.36	0.23	0.24	0.22	0.43	0.00	0.2%
NC_478	15	4412	0.96	0.95	0.10	0.95	0.86	0.90	0.96	0.73	0.46	0.50	0.45	0.96	0.01	1.5%
NC_479	15	4410	1.53	1.54	0.14	1.56	1.35	1.37	1.53	1.17	0.75	0.80	0.74	1.53	-0.03	-2.1%
NC_480	15	4410	0.91	0.91	0.08	0.91	0.91	0.82	0.90	0.63	0.39	0.47	0.38	0.91	0.00	-0.2%
NC_481	60	4565	0.49	0.48	0.09	0.50	0.22	0.33	0.38	0.50	0.44	0.38	0.37	0.50	0.00	-0.4%
NC_482	15	4412	1.04	1.03	0.11	1.04	0.96	0.98	1.05	0.80	0.50	0.55	0.50	1.05	0.01	1.1%
NC_483	90	4597	15.57	15.70	1.83	16.03	9.30	11.04	14.40	16.27	16.54	15.97	14.99	16.54	0.51	3.2%
NC_484	90	4594	2.95	2.98	0.23	3.03	1.54	1.89	2.70	2.98	3.03	3.06	2.81	3.06	0.03	0.9%
NC_485	60	4569	3.65	3.74	0.39	3.78	2.60	2.90	3.58	3.80	3.51	2.96	2.72	3.80	0.02	0.4%
NC_486	20	4435	0.58	0.58	0.10	0.59	0.55	0.59	0.60	0.48	0.30	0.33	0.30	0.60	0.01	1.7%
NC_487	15	4410	0.69	0.70	0.06	0.70	0.72	0.63	0.66	0.46	0.28	0.34	0.26	0.72	0.02	2.3%
NC_488	180	4659	3.72	3.78	0.31	3.84	0.93	1.29	2.33	2.69	3.18	3.49	3.84	3.84	0.00	0.0%
NC_489	20	4435	0.64	0.64	0.11	0.65	0.60	0.65	0.66	0.53	0.34	0.36	0.33	0.66	0.01	0.9%
NC_490	15	4409	0.67	0.68	0.06	0.68	0.68	0.60	0.66	0.45	0.28	0.34	0.27	0.68	0.00	-0.3%
NC_491	15	4409	0.69	0.71	0.06	0.72	0.72	0.63	0.68	0.47	0.29	0.35	0.27	0.72	-0.01	-0.7%
NC_492	90	4594	16.01	16.29	2.07	17.06	8.42	10.08	14.79	16.28	17.06	15.67	14.76	17.06	0.00	0.0%
NC_493	20	4434	0.87	0.86	0.13	0.86	0.75	0.85	0.88	0.72	0.46	0.47	0.46	0.88	0.02	1.9%
NC_494	15	4410	0.93	0.92	0.10	0.92	0.83	0.88	0.94	0.72	0.46	0.49	0.45	0.94	0.02	2.0%
NC_495	20	4435	0.38	0.38	0.07	0.41	0.32	0.41	0.39	0.34	0.23	0.24	0.22	0.41	0.00	-1.2%
NC_496	15	4409	0.49	0.49	0.05	0.49	0.49	0.48	0.50	0.37	0.23	0.27	0.22	0.50	0.01	2.4%
NC_497	60	4565	0.48	0.47	0.09	0.49	0.20	0.30	0.37	0.49	0.43	0.37	0.36	0.49	0.00	-0.8%
NC_498	15	4412	0.59	0.58	0.07	0.58	0.58	0.59	0.61	0.48	0.30	0.33	0.30	0.61	0.03	5.9%
NC_499	180	4659	33.64	34.80	3.05	34.90	14.92	17.58	25.71	27.82	30.32	31.00	34.90	34.90	0.00	0.0%
NC_500	60	4565	1.13	1.14	0.22	1.17	0.67	0.87	1.05	1.17	0.90	0.80	0.83	1.17	0.00	-0.2%
NC_501	15	4410	1.52	1.53	0.14	1.56	1.32	1.40	1.52	1.20	0.77	0.80	0.76	1.52	-0.04	-2.4%
NC_502	180	4659	106.02	106.44	7.19	108.24	38.79	48.41	77.49	87.85	97.26	102.61	108.24	108.24	0.00	0.0%
NC_503	10	4376	1.20	1.21	0.06	1.22	1.13	1.02	1.15	0.83	0.51	0.59	0.49	1.15	-0.07	-5.6%
NC_504	45	4536	0.84	0.81	0.13	0.82	0.54	0.72	0.82	0.85	0.64	0.58	0.60	0.85	0.03	3.2%
NC_505	20	4435	0.66	0.65	0.10	0.67	0.52	0.67	0.65	0.63	0.45	0.43	0.43	0.67	0.00	0.4%
NC_506	60	4565	2.93	2.98	0.12	2.98	1.56	1.91	2.70	2.98	3.02	2.95	2.70	3.02	0.04	1.4%
NC_507	10	4376	2.32	2.34	0.08	2.35	2.09	2.04	2.31	1.73	1.10	1.20	1.09	2.31	-0.04	-1.9%
NC_508	45	4478	0.54	0.52	0.08	0.54	0.40	0.50	0.54	0.54	0.41	0.36	0.38	0.54	0.00	0.2%
NC_509	60	4565	0.51	0.51	0.10	0.52	0.26	0.39	0.44	0.52	0.42	0.37	0.38	0.52	0.00	-0.2%
NC_510	15	4410	1.50	1.50	0.14	1.52	1.30	1.37	1.50	1.17	0.75	0.79	0.74	1.50	-0.02	-1.3%
NC_511	15	4412	0.92	0.90	0.10	0.91	0.82	0.87	0.93	0.71	0.45	0.49	0.45	0.93	0.02	1.8%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_512	15	4412	0.61	0.60	0.07	0.60	0.60	0.61	0.63	0.49	0.30	0.34	0.30	0.63	0.03	5.0%
NC_513	15	4410	1.34	1.35	0.12	1.36	1.21	1.20	1.34	1.00	0.64	0.70	0.63	1.34	-0.02	-1.4%
NC_514	15	4409	0.81	0.82	0.07	0.82	0.82	0.73	0.79	0.55	0.34	0.41	0.33	0.82	0.00	0.4%
NC_515	60	4565	0.77	0.77	0.15	0.80	0.36	0.54	0.65	0.80	0.65	0.57	0.58	0.80	0.00	-0.4%
NC_516	15	4410	1.46	1.48	0.12	1.51	1.30	1.29	1.46	1.10	0.71	0.76	0.70	1.46	-0.05	-3.5%
NC_517	60	4565	0.31	0.31	0.06	0.31	0.18	0.27	0.28	0.31	0.26	0.23	0.24	0.31	0.00	0.6%
NC_518	15	4411	1.90	1.92	0.15	1.96	1.66	1.67	1.92	1.49	0.96	1.01	0.96	1.92	-0.04	-2.1%
NC_519	180	4659	106.01	106.44	7.23	108.25	38.85	48.47	77.57	87.95	97.33	102.64	108.25	108.25	0.00	0.0%
NC_520	180	4659	33.66	34.82	3.03	34.94	14.91	17.59	25.70	27.85	30.32	31.00	34.94	34.94	0.00	0.0%
NC_521	60	4565	0.25	0.25	0.05	0.25	0.15	0.22	0.23	0.25	0.20	0.18	0.18	0.25	0.00	-1.2%
NC_522	15	4410	1.30	1.28	0.13	1.28	1.15	1.23	1.31	1.03	0.65	0.69	0.64	1.31	0.03	2.4%
NC_523	10	4376	1.09	1.10	0.06	1.11	0.99	0.99	1.08	0.80	0.50	0.56	0.49	1.08	-0.03	-2.3%
NC_524	90	4594	16.00	16.26	2.05	17.04	8.32	10.00	14.75	16.27	17.04	15.74	14.86	17.04	0.00	0.0%
NC_525	60	4565	0.68	0.68	0.11	0.71	0.41	0.53	0.61	0.71	0.56	0.50	0.50	0.71	0.00	0.3%
NC_526	30	4513	12.38	12.33	1.08	12.39	10.41	10.87	12.81	12.81	12.29	10.73	9.94	12.81	0.42	3.4%
NC_527	60	4565	0.81	0.82	0.11	0.84	0.40	0.53	0.71	0.84	0.74	0.65	0.60	0.84	-0.01	-0.6%
NC_528	60	4569	1.38	1.42	0.15	1.43	0.57	0.78	1.27	1.42	1.43	1.21	1.11	1.43	0.00	-0.3%
NC_529	60	4565	1.44	1.47	0.12	1.49	0.57	0.78	1.31	1.49	1.52	1.30	1.20	1.52	0.03	2.1%
NC_530	15	4409	0.56	0.55	0.06	0.55	0.55	0.55	0.58	0.44	0.27	0.31	0.27	0.58	0.03	4.7%
NC_531	20	4435	0.48	0.48	0.08	0.49	0.46	0.49	0.50	0.39	0.25	0.27	0.24	0.50	0.01	1.0%
NC_532	180	4659	106.03	106.46	7.28	108.27	38.94	48.57	77.72	88.09	97.44	102.70	108.27	108.27	0.00	0.0%
NC_533	15	4409	0.54	0.54	0.05	0.55	0.55	0.50	0.54	0.38	0.23	0.28	0.23	0.55	-0.01	-0.9%
NC_534	60	4565	1.22	1.23	0.17	1.24	0.57	0.77	1.05	1.24	1.14	0.99	0.92	1.24	0.00	0.2%
NC_535	180	4659	105.96	106.43	7.37	108.24	39.00	48.64	77.81	88.19	97.51	102.73	108.24	108.24	0.00	0.0%
NC_536	60	4568	1.30	1.33	0.15	1.34	0.57	0.78	1.17	1.32	1.29	1.10	1.00	1.32	-0.02	-1.4%
NC_537	15	4409	0.57	0.58	0.05	0.58	0.58	0.51	0.56	0.38	0.24	0.29	0.23	0.58	0.00	-0.2%
NC_538	15	4413	2.06	2.09	0.17	2.12	1.78	1.85	2.08	1.66	1.07	1.10	1.06	2.08	-0.04	-1.9%
NC_539	90	4594	15.96	16.21	2.02	16.97	8.22	9.92	14.69	16.23	16.97	15.78	14.95	16.97	0.00	0.0%
NC_540	15	4409	0.52	0.52	0.05	0.52	0.52	0.49	0.53	0.38	0.23	0.28	0.23	0.53	0.01	1.0%
NC_541	60	4568	2.92	2.97	0.14	2.98	1.59	1.94	2.70	2.96	3.01	2.76	2.55	3.01	0.03	1.1%
NC_542	15	4409	0.52	0.51	0.05	0.52	0.52	0.49	0.52	0.38	0.23	0.28	0.23	0.52	0.00	0.4%
NC_543	15	4411	2.43	2.46	0.16	2.47	2.15	2.11	2.48	1.96	1.26	1.30	1.26	2.48	0.00	0.2%
NC_544	45	4536	0.37	0.35	0.06	0.36	0.27	0.39	0.36	0.37	0.28	0.27	0.26	0.39	0.03	9.2%
NC_545	45	4536	0.59	0.57	0.08	0.59	0.44	0.58	0.59	0.59	0.46	0.42	0.43	0.59	0.00	0.7%
NC_546	60	4565	0.34	0.33	0.07	0.34	0.20	0.30	0.31	0.34	0.28	0.25	0.25	0.34	-0.01	-1.5%
NC_547	45	4536	0.26	0.24	0.04	0.24	0.16	0.25	0.24	0.26	0.20	0.18	0.19	0.26	0.02	7.1%
NC_548	15	4410	0.58	0.59	0.05	0.59	0.51	0.52	0.58	0.43	0.27	0.30	0.27	0.58	-0.01	-1.2%
NC_549	20	4435	0.40	0.41	0.08	0.42	0.37	0.42	0.42	0.34	0.22	0.24	0.22	0.42	0.00	0.0%
NC_550	45	4536	0.56	0.54	0.09	0.56	0.40	0.56	0.56	0.56	0.42	0.39	0.40	0.56	0.00	0.2%
NC_551	60	4565	0.86	0.86	0.17	0.87	0.54	0.71	0.81	0.87	0.68	0.60	0.63	0.87	0.00	-0.1%
NC_552	20	4435	0.85	0.84	0.14	0.85	0.71	0.85	0.86	0.74	0.49	0.48	0.48	0.86	0.01	0.6%
NC_553	20	4435	0.76	0.75	0.10	0.75	0.63	0.75	0.76	0.70	0.47	0.45	0.46	0.76	0.01	1.9%
NC_554	60	4565	0.27	0.26	0.05	0.26	0.16	0.24	0.24	0.26	0.21	0.19	0.20	0.26	0.00	1.5%
NC_555	15	4411	4.24	4.29	0.33	4.37	3.68	3.78	4.32	3.40	2.20	2.27	2.18	4.32	-0.05	-1.2%
NC_556	45	4536	0.29	0.27	0.05	0.28	0.21	0.31	0.28	0.29	0.21	0.21	0.20	0.31	0.03	9.6%
NC_557	20	4435	0.51	0.51	0.09	0.52	0.48	0.52	0.53	0.42	0.27	0.29	0.26	0.53	0.01	1.3%
NC_558	90	4594	16.17	16.37	1.98	17.10	8.21	9.93	14.86	16.45	17.10	16.28	15.54	17.10	0.00	0.0%
NC_559	15	4411	4.59	4.62	0.31	4.63	4.05	3.97	4.73	3.70	2.41	2.49	2.40	4.73	0.10	2.1%
NC_560	180	4659	3.95	4.02	0.28	4.05	1.04	1.35	2.38	2.75	3.26	3.66	4.05	4.05	0.00	0.0%
NC_561	15	4412	5.35	5.40	0.31	5.45	4.82	4.56	5.59	4.37	2.85	2.92	2.83	5.59	0.14	2.5%
NC_562	15	4410	0.95	0.96	0.09	0.96	0.95	0.87	0.95	0.68	0.42	0.50	0.41	0.95	-0.01	-0.9%
NC_563	15	4412	0.64	0.62	0.07	0.62	0.62	0.64	0.66	0.52	0.33	0.35	0.32	0.66	0.04	6.5%
NC_564	20	4435	0.76	0.74	0.10	0.75	0.63	0.75	0.75	0.67	0.44	0.43	0.43	0.75	0.00	-0.3%
NC_565	15	4409	0.54	0.54	0.05	0.55	0.55	0.50	0.54	0.38	0.23	0.28	0.23	0.55	0.00	-0.7%
NC_566	15	4409	0.59	0.59	0.06	0.59	0.59	0.55	0.59	0.43	0.26	0.31	0.26	0.59	0.00	0.7%
NC_567	15	4409	0.49	0.49	0.05	0.49	0.49	0.48	0.50	0.37	0.23	0.27	0.22	0.50	0.01	2.9%
NC_568	20	4435	0.32	0.32	0.06	0.35	0.24	0.35	0.32	0.31	0.21	0.22	0.20	0.35	0.00	-0.6%
NC_569	20	4436	0.40	0.38	0.05	0.38	0.32	0.38	0.41	0.34	0.23	0.22	0.22	0.41	0.03	7.1%
NC_570	20	4435	0.35	0.34	0.07	0.38	0.27	0.38	0.35	0.33	0.22	0.23	0.22	0.38	-0.01	-1.3%
NC_571	180	4659	34.68	35.57	2.71	35.82	15.20	18.56	27.00	29.03	31.43	31.45	35.82	35.82	0.00	0.0%
NC_572	20	4435	0.55	0.54	0.08	0.56	0.43	0.56	0.55	0.55	0.40	0.38	0.38	0.56	0.00	-0.2%
NC_573	15	4415	5.96	5.98	0.22	6.01	5.65	4.98	6.34	5.06	3.29	3.28	3.28	6.34	0.33	5.5%
NC_574	180	4659	56.11	57.00	6.37	57.10	24.61	30.32	46.09	51.18	53.75	54.75	57.10	57.10	0.00	0.0%
NC_575	60	4565	6.86	6.92	1.13	7.12	4.03	4.99	6.20	7.12	5.90	5.17	5.15	7.12	0.00	0.0%
NC_576	20	4435	0.43	0.44	0.08	0.45	0.40	0.45	0.45	0.36	0.23	0.25	0.23	0.45	0.00	-0.4%
NC_577	180	4659	15.59	15.44	2.54	15.57	8.93	10.61	14.55	16.06	16.25	16.33	15.57	16.33	0.76	4.9%
NC_578	20	4444	0.32	0.31	0.06	0.34	0.23	0.34	0.31	0.31	0.21	0.21	0.20	0.34	0.00	0.9%
NC_579	45	4536	0.54	0.51	0.08	0.52	0.36	0.51	0.52	0.54	0.41	0.38	0.39	0.54	0.02	2.9%
NC_580	15	4409	0.61	0.63	0.05	0.63	0.63	0.55	0.60	0.41	0.26	0.31	0.24	0.63	0.00	-0.2%
NC_581	30	4509	9.51	9.60	0.84	9.80	8.60	8.29	10.14	9.02	5.82	5.44	5.61	10.14	0.34	3.4%
NC_582	45	4539	0.25	0.24	0.04	0.24	0.15	0.23	0.23	0.25	0.20	0.18	0.18	0.25	0.01	3.3%
NC_583	20	4435	0.55	0.56	0.10	0.57	0.52	0.57	0.57	0.47	0.30	0.32	0.30	0.57	0.00	0.2%
NC_584	20	4435	0.43	0.44	0.08	0.45	0.41	0.45	0.45	0.36	0.23	0.25	0.23	0.45	0.00	0.2%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_585	90	4594	16.12	16.32	1.95	17.04	8.11	9.84	14.80	16.38	17.04	16.34	15.62	17.04	0.00	0.0%
NC_586	20	4440	6.63	6.68	0.45	6.70	6.31	5.70	7.01	5.74	3.69	3.63	3.68	7.01	0.31	4.7%
NC_587	180	4658	22.75	22.50	3.14	22.68	11.73	14.30	21.42	23.57	23.48	23.30	22.31	23.57	0.89	3.9%
NC_588	10	4376	1.53	1.55	0.08	1.56	1.40	1.39	1.52	1.14	0.72	0.79	0.71	1.52	-0.04	-2.6%
NC_589	45	4536	0.58	0.55	0.09	0.57	0.41	0.57	0.58	0.57	0.43	0.40	0.41	0.58	0.01	0.9%
NC_590	20	4436	1.90	1.88	0.19	1.89	1.64	1.86	1.94	1.77	1.16	1.11	1.13	1.94	0.05	2.8%
NC_591	30	4509	9.66	9.77	0.63	9.91	8.17	8.30	10.06	9.46	6.21	5.64	5.85	10.06	0.15	1.6%
NC_592	20	4435	0.55	0.55	0.10	0.56	0.52	0.56	0.57	0.46	0.29	0.31	0.29	0.57	0.01	1.4%
NC_593	180	4659	56.14	57.03	6.35	57.16	24.59	30.30	46.07	51.16	53.75	54.80	57.16	57.16	0.00	0.0%
NC_594	45	4536	0.26	0.25	0.04	0.25	0.18	0.27	0.25	0.27	0.20	0.19	0.19	0.27	0.02	6.0%
NC_595	60	4565	6.48	6.53	1.09	6.72	3.87	4.77	5.87	6.72	5.52	4.85	4.86	6.72	0.00	0.0%
NC_596	20	4435	0.90	0.88	0.14	0.90	0.74	0.90	0.91	0.79	0.53	0.51	0.51	0.91	0.01	1.3%
NC_597	15	4410	0.60	0.61	0.05	0.61	0.63	0.56	0.58	0.40	0.25	0.30	0.23	0.63	0.02	3.4%
NC_598	180	4659	101.08	101.94	8.39	103.61	38.64	47.94	76.28	86.28	94.87	99.27	103.61	103.61	0.00	0.0%
NC_599	10	4376	1.05	1.07	0.05	1.07	0.96	0.97	1.05	0.78	0.49	0.55	0.48	1.05	-0.02	-1.8%
NC_600	20	4440	7.37	7.41	0.43	7.44	6.95	6.46	7.75	6.51	4.15	4.01	4.12	7.75	0.31	4.2%
NC_601	180	4659	56.17	57.06	6.33	57.20	24.57	30.27	46.06	51.14	53.74	54.84	57.20	57.20	0.00	0.0%
NC_602	20	4435	1.35	1.31	0.20	1.33	1.07	1.33	1.36	1.21	0.83	0.78	0.81	1.36	0.03	2.0%
NC_603	180	4663	60.77	61.35	6.10	61.50	26.05	30.84	48.34	53.71	58.27	60.58	61.20	61.20	-0.30	-0.5%
NC_604	180	4659	76.21	76.56	8.74	76.87	34.26	41.23	62.01	69.73	74.03	77.06	76.87	77.06	0.19	0.2%
NC_605	180	4659	104.80	105.69	8.48	107.44	39.45	49.11	78.41	88.77	97.86	102.63	107.44	107.44	0.00	0.0%
NC_606	180	4663	60.80	61.41	6.08	61.48	25.65	30.80	48.26	53.63	58.20	60.55	61.34	61.34	-0.14	-0.2%
NC_607	180	4663	60.78	61.34	6.11	61.53	26.32	30.93	48.40	53.77	58.34	60.63	61.15	61.15	-0.38	-0.6%
NC_608	20	4434	8.21	8.25	0.56	8.30	7.72	6.98	8.73	7.18	4.62	4.57	4.55	8.73	0.43	5.2%
NC_609	30	4509	7.29	7.39	0.57	7.49	6.45	6.41	7.66	7.00	4.50	4.13	4.32	7.66	0.17	2.3%
NC_610	180	4659	76.31	76.74	8.67	77.13	34.12	41.13	61.98	69.66	74.05	77.09	77.13	77.13	0.00	0.0%
NC_611	15	4410	0.87	0.87	0.09	0.87	0.86	0.81	0.87	0.64	0.39	0.46	0.39	0.87	0.00	0.5%
NC_612	20	4436	1.71	1.67	0.21	1.68	1.42	1.61	1.77	1.52	1.05	0.97	1.02	1.77	0.09	5.4%
NC_613	20	4434	0.98	0.97	0.15	0.97	0.83	0.96	0.99	0.83	0.54	0.53	0.53	0.99	0.02	2.1%
NC_614	60	4565	1.04	1.05	0.20	1.06	0.65	0.84	0.99	1.06	0.82	0.73	0.76	1.06	0.00	0.0%
NC_615	20	4435	0.34	0.34	0.06	0.37	0.25	0.37	0.34	0.33	0.22	0.22	0.22	0.37	0.00	-0.8%
NC_616	180	4663	58.01	58.77	6.27	58.90	24.83	30.58	47.09	52.35	55.46	57.08	58.64	58.64	-0.26	-0.4%
NC_617	20	4435	0.53	0.53	0.10	0.55	0.48	0.55	0.54	0.46	0.30	0.31	0.29	0.55	0.00	-0.7%
NC_618	15	4409	0.49	0.48	0.05	0.48	0.48	0.47	0.50	0.37	0.23	0.27	0.22	0.50	0.02	3.5%
NC_619	180	4659	76.16	76.55	8.71	76.89	34.09	41.09	61.94	69.63	73.98	76.95	76.89	76.95	0.06	0.1%
NC_620	180	4659	100.97	101.87	8.50	103.54	38.67	47.97	76.32	86.32	94.89	99.25	103.54	103.54	0.00	0.0%
NC_621	180	4659	104.90	105.74	8.36	107.49	39.39	49.04	78.33	88.68	97.80	102.61	107.49	107.49	0.00	0.0%
NC_622	60	4565	0.44	0.44	0.08	0.46	0.23	0.33	0.37	0.46	0.38	0.33	0.34	0.46	0.00	-0.9%
NC_623	180	4659	58.85	59.53	6.04	59.54	24.78	30.52	47.23	52.52	55.96	58.32	59.54	59.54	0.00	0.0%
NC_624	15	4409	0.60	0.61	0.06	0.61	0.61	0.55	0.60	0.42	0.26	0.31	0.25	0.61	0.00	-0.3%
NC_625	30	4509	1.86	1.87	0.17	1.88	1.61	1.66	1.95	1.86	1.28	1.17	1.22	1.95	0.07	3.5%
NC_626	180	4658	22.74	22.47	3.17	22.70	11.83	14.41	21.53	23.67	23.52	23.27	22.24	23.67	0.97	4.3%
NC_627	45	4536	0.27	0.25	0.04	0.26	0.18	0.27	0.26	0.27	0.21	0.20	0.20	0.27	0.01	5.0%
NC_628	45	4536	0.27	0.25	0.05	0.26	0.19	0.28	0.26	0.27	0.20	0.19	0.19	0.28	0.02	8.1%
NC_629	180	4663	58.31	59.04	6.19	59.15	24.83	30.57	47.15	52.43	55.63	57.49	58.92	58.92	-0.23	-0.4%
NC_630	60	4565	0.84	0.84	0.16	0.86	0.47	0.66	0.76	0.86	0.68	0.60	0.62	0.86	0.00	-0.5%
NC_631	15	4410	0.61	0.61	0.05	0.62	0.64	0.56	0.58	0.40	0.25	0.30	0.23	0.64	0.02	3.2%
NC_632	15	4409	0.50	0.50	0.05	0.50	0.50	0.49	0.51	0.38	0.23	0.27	0.23	0.51	0.01	2.8%
NC_633	15	4409	0.54	0.54	0.05	0.54	0.54	0.50	0.54	0.39	0.24	0.29	0.23	0.54	0.00	0.4%
NC_634	30	4509	10.14	10.26	0.55	10.38	8.08	8.57	10.45	10.27	6.99	6.40	6.45	10.45	0.07	0.7%
NC_635	45	4478	13.94	13.73	0.80	13.79	10.22	11.35	14.10	14.81	13.65	11.79	11.32	14.81	1.02	7.4%
NC_636	20	4435	0.40	0.40	0.08	0.42	0.36	0.42	0.41	0.35	0.22	0.24	0.22	0.42	0.00	0.0%
NC_637	180	4659	16.72	16.49	2.35	16.51	7.98	9.75	14.87	16.51	17.14	17.07	16.51	17.14	0.63	3.8%
NC_638	15	4412	1.08	1.07	0.11	1.07	0.99	1.01	1.08	0.84	0.54	0.57	0.53	1.08	0.01	1.2%
NC_639	60	4565	5.27	5.31	0.89	5.48	3.17	3.87	4.76	5.48	4.47	3.93	3.95	5.48	0.00	-0.1%
NC_640	60	4565	0.42	0.41	0.08	0.43	0.19	0.28	0.33	0.43	0.37	0.32	0.32	0.43	0.00	0.0%
NC_641	15	4411	0.58	0.60	0.05	0.60	0.61	0.53	0.57	0.39	0.24	0.30	0.23	0.61	0.01	1.0%
NC_642	45	4538	8.46	8.42	0.19	8.42	4.97	6.06	8.70	9.10	7.77	7.08	6.53	9.10	0.68	8.1%
NC_643	15	4409	0.57	0.58	0.05	0.58	0.58	0.51	0.56	0.39	0.24	0.29	0.23	0.58	0.00	0.5%
NC_644	20	4440	8.13	8.16	0.74	8.36	7.34	7.17	8.66	7.16	4.81	4.57	4.74	8.66	0.30	3.6%
NC_645	20	4435	0.43	0.43	0.08	0.45	0.38	0.45	0.44	0.38	0.25	0.26	0.24	0.45	0.00	0.2%
NC_646	45	4539	0.25	0.24	0.04	0.24	0.15	0.23	0.23	0.25	0.20	0.18	0.18	0.25	0.01	3.3%
NC_647	15	4409	0.55	0.55	0.06	0.55	0.55	0.51	0.55	0.39	0.24	0.29	0.24	0.55	0.00	0.5%
NC_648	20	4436	1.81	1.81	0.16	1.85	1.58	1.69	1.92	1.70	1.16	1.06	1.12	1.92	0.07	3.6%
NC_649	20	4436	1.19	1.17	0.13	1.18	1.01	1.17	1.22	1.12	0.75	0.71	0.74	1.22	0.04	3.4%
NC_650	180	4663	58.36	59.09	6.15	59.16	24.79	30.53	47.12	52.39	55.64	57.60	59.01	59.01	-0.15	-0.2%
NC_651	15	4412	0.71	0.70	0.08	0.70	0.69	0.69	0.73	0.55	0.34	0.39	0.34	0.73	0.03	3.6%
NC_652	180	4659	99.47	100.53	9.41	102.00	38.64	47.92	76.17	86.12	94.57	98.59	102.00	102.00	0.00	0.0%
NC_653	20	4435	0.80	0.79	0.13	0.81	0.67	0.81	0.81	0.70	0.46	0.46	0.45	0.81	0.00	-0.5%
NC_654	20	4435	0.85	0.82	0.13	0.85	0.67	0.85	0.85	0.75	0.51	0.49	0.50	0.85	0.00	0.2%
NC_655	45	4536	0.80	0.77	0.13	0.79	0.55	0.71	0.79	0.80	0.61	0.54	0.57	0.80	0.01	0.6%
NC_656	20	4440	6.97	6.99	0.67	7.19	6.22	6.20	7.44	6.15	4.15	3.94	4.09	7.44	0.25	3.4%
NC_657	180	4663	58.78	59.46	6.08	59.49	24.81	30.56	47.26	52.55	55.96	58.19	59.43	59.43	-0.07	-0.1%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_658	180	4659	86.10	86.87	9.59	87.44	38.90	46.85	68.85	77.40	84.32	87.43	87.44	87.44	0.00	0.0%
NC_659	20	4435	0.75	0.73	0.12	0.76	0.58	0.76	0.75	0.68	0.46	0.45	0.45	0.76	0.00	-0.3%
NC_660	180	4663	58.39	59.11	6.14	59.16	24.78	30.51	47.10	52.38	55.64	57.66	59.06	59.06	-0.10	-0.2%
NC_661	20	4435	0.96	0.94	0.13	0.94	0.80	0.94	0.97	0.82	0.51	0.52	0.51	0.97	0.03	3.3%
NC_662	60	4565	0.61	0.60	0.12	0.61	0.38	0.53	0.57	0.61	0.49	0.43	0.45	0.61	0.00	-0.3%
NC_663	20	4435	0.39	0.39	0.08	0.41	0.35	0.41	0.41	0.34	0.22	0.24	0.22	0.41	0.00	0.7%
NC_664	20	4436	1.19	1.15	0.16	1.16	0.97	1.14	1.22	1.07	0.73	0.68	0.72	1.22	0.06	5.4%
NC_665	45	4536	0.55	0.53	0.09	0.56	0.40	0.55	0.56	0.55	0.41	0.38	0.39	0.56	-0.01	-0.9%
NC_666	180	4659	99.48	100.55	9.45	102.01	38.70	47.98	76.26	86.21	94.65	98.65	102.01	102.01	0.00	0.0%
NC_667	45	4536	0.34	0.32	0.06	0.32	0.23	0.35	0.32	0.34	0.26	0.25	0.24	0.35	0.03	9.1%
NC_668	45	4536	0.28	0.26	0.05	0.27	0.19	0.28	0.27	0.28	0.22	0.20	0.20	0.28	0.01	4.8%
NC_669	20	4435	0.45	0.45	0.08	0.46	0.43	0.46	0.47	0.37	0.24	0.26	0.23	0.47	0.01	1.3%
NC_670	15	4409	0.55	0.55	0.06	0.55	0.55	0.53	0.56	0.41	0.25	0.30	0.25	0.56	0.01	2.5%
NC_671	45	4536	0.33	0.31	0.06	0.32	0.23	0.35	0.32	0.33	0.25	0.24	0.23	0.35	0.03	7.8%
NC_672	20	4435	1.03	0.99	0.14	0.99	0.83	0.99	1.04	0.92	0.63	0.59	0.61	1.04	0.05	5.1%
NC_673	15	4409	0.62	0.62	0.06	0.62	0.62	0.57	0.62	0.44	0.27	0.33	0.27	0.62	0.00	0.0%
NC_674	20	4435	0.40	0.40	0.08	0.42	0.36	0.42	0.41	0.34	0.22	0.24	0.22	0.42	0.00	-0.5%
NC_675	20	4436	1.42	1.38	0.16	1.42	1.18	1.32	1.49	1.31	0.92	0.83	0.89	1.49	0.07	5.2%
NC_676	20	4435	0.93	0.91	0.12	0.91	0.74	0.91	0.97	0.89	0.63	0.58	0.61	0.97	0.06	6.5%
NC_677	15	4410	0.61	0.60	0.06	0.60	0.60	0.59	0.62	0.46	0.29	0.33	0.28	0.62	0.02	3.0%
NC_678	45	4478	1.47	1.42	0.17	1.45	1.15	1.33	1.48	1.52	1.11	1.00	1.03	1.52	0.07	4.6%
NC_679	20	4436	2.28	2.24	0.26	2.29	1.91	2.12	2.43	2.10	1.47	1.34	1.43	2.43	0.14	5.9%
NC_680	20	4444	0.31	0.31	0.06	0.34	0.23	0.34	0.30	0.31	0.21	0.22	0.20	0.34	0.00	-0.3%
NC_681	15	4412	4.93	4.97	0.31	4.97	4.38	4.38	5.25	4.29	2.89	2.78	2.85	5.25	0.28	5.6%
NC_682	20	4435	0.75	0.74	0.11	0.76	0.57	0.76	0.77	0.74	0.54	0.50	0.51	0.77	0.01	1.2%
NC_683	45	4539	0.26	0.24	0.04	0.25	0.16	0.24	0.24	0.26	0.20	0.19	0.19	0.26	0.01	2.8%
NC_684	20	4435	0.76	0.74	0.12	0.76	0.63	0.76	0.76	0.67	0.44	0.44	0.43	0.76	0.00	0.5%
NC_685	20	4435	0.31	0.31	0.05	0.32	0.23	0.32	0.30	0.30	0.21	0.21	0.20	0.32	0.00	1.3%
NC_686	45	4542	8.13	8.06	0.25	8.06	5.04	6.14	8.25	8.63	7.14	6.51	6.06	8.63	0.57	7.0%
NC_687	30	4509	2.86	2.85	0.37	2.87	2.50	2.56	3.11	2.85	2.01	1.80	1.93	3.11	0.24	8.3%
NC_688	20	4435	1.08	1.06	0.18	1.08	0.92	1.08	1.11	0.94	0.63	0.62	0.61	1.11	0.03	2.4%
NC_689	20	4435	0.46	0.46	0.08	0.47	0.44	0.47	0.47	0.38	0.24	0.26	0.23	0.47	0.00	0.9%
NC_690	45	4539	1.29	1.23	0.13	1.24	0.93	1.17	1.21	1.35	0.97	0.93	0.90	1.35	0.11	9.0%
NC_691	45	4536	0.34	0.31	0.05	0.32	0.23	0.34	0.32	0.34	0.25	0.24	0.24	0.34	0.02	6.6%
NC_692	20	4436	0.95	0.95	0.08	0.96	0.83	0.91	0.99	0.88	0.57	0.53	0.56	0.99	0.03	2.9%
NC_693	45	4541	1.77	1.72	0.18	1.73	1.36	1.58	1.71	1.85	1.37	1.28	1.25	1.85	0.12	6.9%
NC_694	45	4536	0.42	0.40	0.07	0.41	0.29	0.42	0.41	0.42	0.31	0.29	0.30	0.42	0.01	2.7%
NC_695	20	4436	1.06	1.05	0.11	1.05	0.90	1.04	1.08	0.99	0.67	0.64	0.65	1.08	0.03	2.5%
NC_696	180	4659	86.37	87.21	9.54	87.85	38.87	46.86	68.96	77.49	84.48	87.64	87.85	87.85	0.00	0.0%
NC_697	20	4435	0.77	0.74	0.11	0.75	0.63	0.75	0.76	0.67	0.44	0.43	0.43	0.76	0.01	1.2%
NC_698	60	4565	0.28	0.28	0.06	0.28	0.17	0.26	0.26	0.28	0.23	0.20	0.21	0.28	0.00	0.7%
NC_699	15	4409	0.53	0.53	0.05	0.53	0.53	0.50	0.53	0.38	0.23	0.28	0.23	0.53	0.00	0.8%
NC_700	180	4659	99.20	100.38	9.76	101.84	38.77	48.05	76.36	86.31	94.71	98.63	101.84	101.84	0.00	0.0%
NC_701	30	4509	7.92	7.93	0.96	8.07	7.13	6.94	8.62	7.69	5.29	4.72	5.09	8.62	0.55	6.9%
NC_702	15	4409	0.48	0.48	0.05	0.48	0.48	0.47	0.50	0.37	0.23	0.26	0.22	0.50	0.02	3.1%
NC_703	15	4409	0.51	0.50	0.05	0.51	0.51	0.49	0.52	0.38	0.23	0.27	0.23	0.52	0.01	1.2%
NC_704	45	4539	0.28	0.26	0.04	0.26	0.18	0.27	0.26	0.28	0.22	0.20	0.20	0.28	0.02	7.7%
NC_705	45	4539	0.35	0.33	0.05	0.33	0.22	0.33	0.32	0.35	0.28	0.25	0.25	0.35	0.02	5.2%
NC_706	15	4412	2.91	2.94	0.19	2.94	2.59	2.50	3.05	2.40	1.62	1.62	1.60	3.05	0.11	3.6%
NC_707	20	4434	0.91	0.90	0.14	0.90	0.79	0.90	0.92	0.77	0.50	0.50	0.49	0.92	0.02	2.2%
NC_708	20	4440	7.77	7.78	0.55	7.87	6.98	6.84	8.43	7.42	5.10	4.55	4.93	8.43	0.56	7.1%
NC_709	45	4542	5.81	5.70	0.35	5.75	4.22	4.78	5.97	6.20	4.55	4.22	4.06	6.20	0.45	7.8%
NC_710	45	4536	2.19	2.13	0.23	2.14	1.58	1.84	2.14	2.30	1.73	1.56	1.55	2.30	0.16	7.6%
NC_711	20	4444	0.31	0.31	0.06	0.33	0.23	0.34	0.30	0.30	0.21	0.21	0.20	0.34	0.01	1.8%
NC_712	20	4435	0.41	0.42	0.08	0.43	0.39	0.43	0.43	0.35	0.22	0.24	0.22	0.43	0.00	-0.2%
NC_713	45	4536	0.60	0.58	0.10	0.61	0.44	0.60	0.61	0.60	0.45	0.41	0.42	0.61	-0.01	-0.8%
NC_714	180	4659	98.88	100.07	9.94	101.49	38.84	48.12	76.45	86.37	94.73	98.52	101.49	101.49	0.00	0.0%
NC_715	45	4536	0.88	0.85	0.14	0.88	0.62	0.79	0.88	0.88	0.67	0.60	0.63	0.88	0.00	-0.2%
NC_716	45	4536	0.36	0.33	0.06	0.34	0.24	0.36	0.34	0.36	0.28	0.26	0.26	0.36	0.02	5.9%
NC_717	20	4435	0.64	0.63	0.10	0.65	0.49	0.65	0.64	0.60	0.42	0.40	0.41	0.65	0.00	0.0%
NC_718	45	4536	0.96	0.92	0.15	0.94	0.63	0.88	0.94	0.97	0.74	0.67	0.70	0.97	0.03	2.9%
NC_719	60	4572	2.03	2.03	0.11	2.03	1.23	1.46	2.00	2.14	2.01	1.91	1.70	2.14	0.11	5.3%
NC_720	45	4536	1.64	1.59	0.25	1.62	1.14	1.41	1.62	1.65	1.26	1.12	1.18	1.65	0.03	1.7%
NC_721	20	4435	0.43	0.44	0.08	0.45	0.41	0.45	0.45	0.36	0.23	0.25	0.22	0.45	0.00	0.7%
NC_722	20	4435	0.73	0.70	0.12	0.74	0.59	0.74	0.71	0.66	0.45	0.44	0.44	0.74	0.00	-0.3%
NC_723	20	4435	0.64	0.63	0.09	0.64	0.54	0.64	0.65	0.59	0.41	0.40	0.40	0.65	0.01	0.9%
NC_724	20	4435	0.40	0.40	0.07	0.43	0.30	0.43	0.39	0.39	0.28	0.28	0.26	0.43	0.00	-0.2%
NC_725	30	4509	5.92	5.97	0.31	6.00	4.47	4.96	6.05	6.21	4.51	4.12	4.03	6.21	0.21	3.6%
NC_726	45	4536	0.26	0.24	0.04	0.24	0.16	0.25	0.24	0.26	0.20	0.18	0.18	0.26	0.02	7.1%
NC_727	20	4435	0.37	0.36	0.07	0.39	0.31	0.39	0.37	0.33	0.22	0.23	0.21	0.39	0.00	-0.5%
NC_728	20	4435	0.39	0.38	0.07	0.42	0.29	0.42	0.37	0.38	0.27	0.27	0.26	0.42	0.00	-1.0%
NC_729	20	4440	6.85	6.87	0.58	7.03	6.08	6.15	7.40	6.38	4.38	3.96	4.26	7.40	0.37	5.2%
NC_730	180	4659	87.51	88.16	9.82	88.82	39.11	47.19	69.60	78.21	85.28	88.48	88.82	88.82	0.00	0.0%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_731	20	4435	0.42	0.42	0.08	0.43	0.39	0.43	0.43	0.35	0.22	0.24	0.22	0.43	0.00	0.7%
NC_732	180	4659	98.29	99.44	10.20	100.83	38.95	48.22	76.55	86.45	94.72	98.33	100.83	100.83	0.00	0.0%
NC_733	20	4435	0.69	0.68	0.09	0.69	0.56	0.69	0.70	0.65	0.45	0.43	0.44	0.70	0.01	1.0%
NC_734	20	4435	0.41	0.41	0.08	0.42	0.37	0.42	0.42	0.35	0.22	0.24	0.22	0.42	0.00	1.0%
NC_735	15	4410	0.48	0.47	0.05	0.47	0.46	0.47	0.49	0.37	0.23	0.26	0.23	0.49	0.02	4.3%
NC_736	15	4412	1.11	1.10	0.11	1.10	1.08	1.04	1.11	0.83	0.51	0.59	0.50	1.11	0.01	1.3%
NC_737	15	4411	2.49	2.52	0.19	2.55	2.20	2.24	2.59	2.06	1.37	1.38	1.35	2.59	0.04	1.6%
NC_738	45	4539	0.25	0.24	0.04	0.24	0.16	0.24	0.24	0.25	0.20	0.18	0.18	0.25	0.01	5.4%
NC_739	15	4410	0.57	0.55	0.06	0.55	0.55	0.56	0.58	0.45	0.28	0.31	0.27	0.58	0.03	6.0%
NC_740	45	4540	5.10	5.05	0.18	5.09	2.99	3.65	5.01	5.39	4.65	4.13	3.79	5.39	0.30	6.0%
NC_741	180	4659	98.34	99.48	10.10	100.86	38.84	48.10	76.39	86.28	94.57	98.25	100.86	100.86	0.00	0.0%
NC_742	20	4434	1.28	1.25	0.17	1.27	1.09	1.21	1.30	1.05	0.68	0.69	0.67	1.30	0.03	2.4%
NC_743	20	4435	0.35	0.34	0.07	0.37	0.25	0.37	0.34	0.33	0.23	0.23	0.22	0.37	0.00	0.5%
NC_744	60	4565	4.06	4.13	0.72	4.18	2.75	3.28	3.96	4.18	3.29	2.90	2.96	4.18	0.00	0.0%
NC_745	20	4440	5.42	5.44	0.50	5.61	4.75	4.89	5.84	5.01	3.45	3.13	3.36	5.84	0.23	4.0%
NC_746	20	4435	0.43	0.44	0.08	0.44	0.42	0.44	0.45	0.36	0.22	0.24	0.22	0.45	0.01	3.0%
NC_747	20	4435	0.81	0.79	0.11	0.80	0.66	0.80	0.81	0.70	0.45	0.45	0.44	0.81	0.01	1.0%
NC_748	20	4435	0.36	0.35	0.07	0.38	0.29	0.38	0.36	0.33	0.22	0.23	0.21	0.38	0.00	0.8%
NC_749	30	4509	4.35	4.37	0.34	4.38	3.61	3.81	4.51	4.37	2.98	2.74	2.76	4.51	0.13	2.9%
NC_750	180	4659	96.84	97.37	11.05	98.38	44.03	53.56	78.94	88.36	96.17	97.97	98.38	98.38	0.00	0.0%
NC_751	15	4409	0.46	0.45	0.05	0.45	0.45	0.46	0.47	0.36	0.22	0.25	0.22	0.47	0.02	4.9%
NC_752	20	4434	0.90	0.89	0.13	0.91	0.80	0.88	0.92	0.73	0.46	0.49	0.46	0.92	0.01	0.9%
NC_753	20	4435	0.57	0.58	0.10	0.59	0.54	0.59	0.59	0.48	0.31	0.33	0.30	0.59	0.00	0.3%
NC_754	60	4565	0.57	0.56	0.10	0.58	0.28	0.41	0.45	0.58	0.51	0.45	0.43	0.58	0.00	-0.3%
NC_755	20	4435	0.60	0.59	0.09	0.61	0.50	0.61	0.59	0.58	0.43	0.41	0.40	0.61	0.00	0.5%
NC_756	180	4659	96.83	97.34	11.08	98.30	44.24	53.75	79.00	88.41	96.29	98.05	98.30	98.30	0.00	0.0%
NC_757	20	4444	0.30	0.30	0.06	0.32	0.22	0.33	0.29	0.30	0.21	0.21	0.20	0.33	0.01	1.9%
NC_758	20	4435	0.36	0.35	0.07	0.38	0.30	0.38	0.36	0.33	0.22	0.23	0.21	0.38	0.00	0.5%
NC_759	15	4409	0.54	0.53	0.06	0.53	0.53	0.52	0.55	0.41	0.25	0.29	0.25	0.55	0.02	4.2%
NC_760	20	4434	2.16	2.13	0.28	2.18	1.91	2.03	2.22	1.77	1.16	1.18	1.14	2.22	0.04	1.7%
NC_761	45	4536	0.27	0.25	0.04	0.25	0.18	0.27	0.25	0.27	0.20	0.19	0.19	0.27	0.02	7.2%
NC_762	20	4436	0.68	0.67	0.07	0.68	0.56	0.67	0.71	0.66	0.46	0.42	0.45	0.71	0.03	4.3%
NC_763	45	4536	1.04	1.00	0.16	1.01	0.68	0.89	1.01	1.05	0.81	0.72	0.75	1.05	0.04	3.8%
NC_764	45	4536	0.28	0.26	0.05	0.27	0.19	0.29	0.27	0.28	0.21	0.20	0.19	0.29	0.02	6.7%
NC_765	30	4509	0.97	0.97	0.10	0.98	0.80	0.86	1.01	0.97	0.66	0.60	0.64	1.01	0.03	2.8%
NC_766	15	4410	1.16	1.15	0.12	1.15	1.04	1.10	1.17	0.93	0.60	0.62	0.59	1.17	0.02	1.7%
NC_767	60	4573	8.36	8.51	0.48	8.63	3.79	4.85	7.68	8.66	8.72	8.35	7.74	8.72	0.09	1.1%
NC_768	15	4409	0.48	0.47	0.05	0.47	0.47	0.47	0.49	0.37	0.23	0.26	0.22	0.49	0.02	4.5%
NC_769	45	4478	3.84	3.77	0.29	3.79	2.66	3.01	3.86	4.07	3.33	2.92	2.84	4.07	0.28	7.3%
NC_770	180	4659	96.82	97.36	11.02	98.38	43.87	53.39	78.89	88.31	96.06	97.89	98.38	98.38	0.00	0.0%
NC_771	15	4412	0.66	0.65	0.07	0.65	0.65	0.65	0.68	0.52	0.33	0.36	0.32	0.68	0.03	4.6%
NC_772	20	4435	0.42	0.42	0.08	0.43	0.40	0.43	0.44	0.35	0.22	0.24	0.22	0.44	0.01	1.4%
NC_773	20	4444	0.32	0.32	0.06	0.35	0.24	0.35	0.32	0.31	0.21	0.22	0.20	0.35	0.00	-0.3%
NC_774	20	4434	2.25	2.20	0.29	2.25	1.96	2.11	2.29	1.83	1.20	1.21	1.18	2.29	0.04	1.7%
NC_775	15	4412	0.67	0.65	0.08	0.65	0.64	0.67	0.69	0.55	0.35	0.37	0.34	0.69	0.04	6.5%
NC_776	45	4539	0.48	0.46	0.08	0.46	0.31	0.45	0.46	0.49	0.39	0.35	0.35	0.49	0.03	5.9%
NC_777	45	4542	3.62	3.54	0.37	3.62	2.79	3.00	3.74	3.78	2.99	2.61	2.61	3.78	0.16	4.4%
NC_778	20	4435	0.44	0.44	0.08	0.45	0.42	0.45	0.46	0.36	0.22	0.25	0.22	0.46	0.01	1.6%
NC_779	45	4542	4.20	4.11	0.43	4.20	3.32	3.66	4.30	4.38	3.51	3.07	2.97	4.38	0.18	4.3%
NC_780	60	4565	2.72	2.78	0.33	2.83	2.07	2.25	2.72	2.83	2.43	2.10	1.98	2.83	0.00	0.1%
NC_781	60	4565	0.53	0.53	0.11	0.54	0.29	0.42	0.46	0.54	0.44	0.38	0.40	0.54	0.00	0.6%
NC_782	15	4410	0.70	0.69	0.07	0.69	0.69	0.66	0.71	0.52	0.32	0.37	0.31	0.71	0.02	2.3%
NC_783	45	4542	0.59	0.57	0.10	0.60	0.45	0.60	0.60	0.59	0.43	0.40	0.41	0.60	0.00	0.7%
NC_784	20	4434	2.43	2.40	0.30	2.40	2.08	2.24	2.56	2.07	1.39	1.38	1.36	2.56	0.16	6.6%
NC_785	45	4539	1.71	1.65	0.26	1.66	1.14	1.45	1.64	1.73	1.36	1.20	1.25	1.73	0.07	4.2%
NC_786	15	4409	0.50	0.49	0.06	0.49	0.49	0.49	0.51	0.39	0.24	0.27	0.23	0.51	0.02	4.5%
NC_787	30	4509	3.66	3.66	0.40	3.67	3.05	3.14	3.88	3.75	2.87	2.53	2.58	3.88	0.21	5.8%
NC_788	45	4536	0.29	0.27	0.04	0.27	0.18	0.28	0.27	0.29	0.22	0.21	0.21	0.29	0.02	6.3%
NC_789	60	4573	8.42	8.59	0.50	8.71	3.83	4.90	7.73	8.72	8.75	8.31	7.62	8.75	0.04	0.5%
NC_790	20	4435	0.51	0.50	0.09	0.52	0.43	0.52	0.52	0.43	0.27	0.28	0.27	0.52	0.00	-0.6%
NC_791	20	4434	0.88	0.86	0.13	0.88	0.75	0.85	0.89	0.72	0.46	0.47	0.45	0.89	0.01	1.3%
NC_792	20	4436	2.74	2.69	0.33	2.73	2.31	2.56	2.88	2.40	1.62	1.55	1.59	2.88	0.15	5.4%
NC_793	20	4434	1.46	1.44	0.18	1.45	1.25	1.36	1.49	1.20	0.78	0.79	0.77	1.49	0.04	2.6%
NC_794	20	4436	3.29	3.27	0.34	3.37	2.83	2.99	3.55	2.99	2.05	1.91	2.00	3.55	0.18	5.2%
NC_795	15	4409	0.57	0.58	0.05	0.58	0.58	0.52	0.57	0.39	0.25	0.30	0.23	0.58	0.00	0.5%
NC_796	60	4565	0.57	0.56	0.10	0.58	0.31	0.42	0.48	0.58	0.49	0.42	0.43	0.58	0.00	0.2%
NC_797	20	4436	2.90	2.87	0.30	2.95	2.48	2.64	3.11	2.72	2.01	1.80	1.90	3.11	0.16	5.4%
NC_798	45	4536	0.37	0.35	0.06	0.36	0.27	0.39	0.36	0.37	0.27	0.26	0.25	0.39	0.03	8.6%
NC_799	20	4435	0.43	0.43	0.08	0.44	0.41	0.44	0.45	0.35	0.22	0.24	0.22	0.45	0.01	1.1%
NC_800	45	4536	0.31	0.29	0.05	0.30	0.22	0.33	0.30	0.31	0.22	0.21	0.21	0.33	0.03	8.3%
NC_801	45	4539	0.27	0.26	0.04	0.26	0.17	0.27	0.26	0.28	0.22	0.20	0.20	0.28	0.02	6.2%
NC_802	20	4436	1.09	1.06	0.12	1.09	0.93	1.03	1.13	0.97	0.65	0.61	0.64	1.13	0.04	3.8%
NC_803	60	4565	1.50	1.49	0.17	1.52	1.07	1.27	1.38	1.52	1.41	1.20	1.10	1.52	0.00	0.1%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_804	20	4434	1.09	1.07	0.15	1.10	0.95	1.04	1.10	0.87	0.56	0.58	0.55	1.10	0.00	-0.4%
NC_805	20	4434	2.16	2.11	0.30	2.15	1.90	2.07	2.23	1.79	1.18	1.20	1.16	2.23	0.08	3.9%
NC_806	20	4435	0.53	0.53	0.09	0.53	0.50	0.53	0.55	0.43	0.28	0.30	0.27	0.55	0.02	3.0%
NC_807	15	4409	0.52	0.51	0.06	0.51	0.51	0.51	0.53	0.40	0.25	0.28	0.24	0.53	0.02	4.3%
NC_808	45	4539	0.25	0.23	0.04	0.24	0.15	0.23	0.23	0.25	0.19	0.18	0.18	0.25	0.01	2.9%
NC_809	20	4434	0.82	0.80	0.12	0.80	0.66	0.80	0.83	0.69	0.45	0.44	0.44	0.83	0.02	3.1%
NC_810	45	4536	0.29	0.28	0.05	0.29	0.21	0.30	0.29	0.29	0.21	0.20	0.20	0.30	0.01	2.8%
NC_811	45	4536	0.32	0.30	0.05	0.31	0.23	0.34	0.31	0.32	0.23	0.23	0.22	0.34	0.03	9.0%
NC_812	15	4409	0.55	0.54	0.06	0.54	0.54	0.54	0.56	0.43	0.26	0.30	0.26	0.56	0.02	3.9%
NC_813	20	4435	0.44	0.44	0.08	0.45	0.42	0.45	0.46	0.36	0.23	0.25	0.22	0.46	0.01	1.3%
NC_814	20	4436	2.15	2.11	0.23	2.16	1.78	1.99	2.30	2.08	1.57	1.41	1.46	2.30	0.14	6.6%
NC_815	60	4565	8.43	8.62	0.54	8.72	3.86	4.93	7.75	8.72	8.74	8.08	7.41	8.74	0.02	0.2%
NC_816	20	4435	0.42	0.42	0.08	0.43	0.40	0.43	0.44	0.35	0.22	0.24	0.22	0.44	0.01	1.6%
NC_817	15	4409	0.54	0.53	0.06	0.53	0.53	0.52	0.55	0.41	0.25	0.29	0.25	0.55	0.02	3.6%
NC_818	15	4409	0.50	0.49	0.05	0.49	0.49	0.49	0.51	0.38	0.24	0.27	0.23	0.51	0.02	4.5%
NC_819	15	4409	0.56	0.56	0.06	0.56	0.56	0.52	0.56	0.40	0.24	0.30	0.24	0.56	0.00	0.2%
NC_820	15	4409	0.47	0.46	0.05	0.46	0.46	0.47	0.48	0.37	0.23	0.26	0.22	0.48	0.02	5.2%
NC_821	20	4435	0.50	0.51	0.09	0.51	0.48	0.51	0.52	0.41	0.26	0.28	0.25	0.52	0.01	2.2%
NC_822	15	4409	0.52	0.52	0.06	0.52	0.52	0.51	0.53	0.40	0.24	0.28	0.24	0.53	0.01	2.7%
NC_823	45	4536	0.29	0.27	0.05	0.28	0.20	0.31	0.28	0.29	0.21	0.21	0.20	0.31	0.03	8.9%
NC_824	20	4436	1.88	1.82	0.24	1.83	1.51	1.81	1.95	1.81	1.37	1.24	1.28	1.95	0.12	6.7%
NC_825	45	4536	0.39	0.37	0.06	0.37	0.26	0.39	0.37	0.39	0.31	0.29	0.28	0.39	0.02	6.2%
NC_826	20	4435	0.45	0.45	0.08	0.46	0.43	0.46	0.47	0.37	0.23	0.25	0.23	0.47	0.01	1.3%
NC_827	60	4565	8.33	8.54	0.61	8.60	3.86	4.91	7.68	8.60	8.59	7.59	7.05	8.60	0.00	0.0%
NC_828	20	4435	0.62	0.61	0.09	0.63	0.50	0.63	0.63	0.60	0.43	0.41	0.41	0.63	0.00	0.0%
NC_829	60	4568	1.25	1.27	0.15	1.27	0.80	0.98	1.10	1.26	1.21	1.03	0.93	1.26	-0.01	-0.6%
NC_830	45	4536	1.19	1.15	0.18	1.19	0.90	1.16	1.19	1.17	0.93	0.84	0.85	1.19	0.00	0.3%
NC_831	20	4435	0.43	0.43	0.08	0.44	0.40	0.44	0.44	0.35	0.22	0.24	0.22	0.44	0.00	0.7%
NC_832	60	4565	1.13	1.13	0.16	1.16	0.69	0.87	0.95	1.16	1.04	0.90	0.85	1.16	0.00	0.3%
NC_833	20	4435	0.36	0.36	0.07	0.39	0.30	0.39	0.37	0.33	0.22	0.23	0.21	0.39	0.00	-0.8%
NC_834	60	4565	8.40	8.62	0.64	8.64	3.93	4.97	7.75	8.64	8.64	7.55	6.94	8.64	0.00	0.0%
NC_835	60	4475	0.53	0.52	0.10	0.52	0.35	0.49	0.48	0.52	0.45	0.40	0.40	0.52	0.00	-0.6%
NC_836	20	4435	0.32	0.32	0.05	0.32	0.25	0.32	0.33	0.31	0.22	0.21	0.21	0.33	0.01	3.4%
NC_837	45	4536	0.26	0.25	0.04	0.25	0.18	0.27	0.25	0.27	0.20	0.19	0.19	0.27	0.02	7.2%
NC_838	45	4542	0.30	0.28	0.05	0.30	0.23	0.30	0.31	0.29	0.21	0.20	0.20	0.31	0.01	2.3%
NC_839	60	4565	7.92	8.13	0.61	8.16	3.73	4.69	7.35	8.16	8.11	7.08	6.47	8.16	0.00	0.0%
NC_840	60	4565	0.99	0.98	0.17	1.02	0.59	0.74	0.87	1.02	0.83	0.73	0.74	1.02	0.00	-0.2%
NC_841	45	4536	0.34	0.32	0.06	0.33	0.25	0.36	0.33	0.34	0.24	0.24	0.23	0.36	0.03	10.3%
NC_842	60	4565	1.07	1.06	0.16	1.08	0.59	0.73	0.89	1.08	1.02	0.88	0.80	1.08	0.00	-0.1%
NC_843	45	4539	0.50	0.49	0.07	0.49	0.34	0.46	0.48	0.50	0.41	0.36	0.37	0.50	0.01	2.9%
NC_844	20	4435	0.45	0.45	0.08	0.47	0.41	0.47	0.46	0.39	0.25	0.27	0.25	0.47	0.00	-0.2%
NC_845	60	4565	7.93	8.14	0.63	8.14	3.77	4.68	7.38	8.14	8.11	7.03	6.38	8.14	-0.01	-0.1%
NC_846	20	4436	1.51	1.50	0.14	1.53	1.28	1.44	1.60	1.48	1.09	0.98	1.03	1.60	0.07	4.6%
NC_847	30	4513	1.99	1.98	0.12	2.01	1.48	1.67	1.98	2.11	1.60	1.44	1.41	2.11	0.10	4.8%
NC_848	45	4536	0.32	0.30	0.06	0.31	0.23	0.34	0.31	0.32	0.23	0.23	0.22	0.34	0.03	9.0%
NC_849	45	4536	0.26	0.24	0.04	0.25	0.17	0.26	0.25	0.26	0.20	0.19	0.19	0.26	0.01	5.2%
NC_850	60	4565	1.32	1.31	0.15	1.36	0.99	1.18	1.26	1.36	1.22	1.05	0.97	1.36	0.00	0.0%
NC_851	60	4565	6.44	6.64	0.57	6.70	2.98	3.87	6.05	6.70	6.47	5.69	5.17	6.70	0.00	0.0%
NC_852	60	4565	0.45	0.45	0.09	0.47	0.21	0.32	0.36	0.47	0.40	0.35	0.35	0.47	0.00	-1.1%
NC_853	15	4412	0.47	0.45	0.06	0.46	0.45	0.47	0.49	0.38	0.24	0.26	0.23	0.49	0.03	5.9%
NC_854	30	4513	1.59	1.58	0.14	1.59	1.30	1.40	1.63	1.65	1.23	1.10	1.12	1.65	0.06	3.8%
NC_855	20	4435	0.66	0.65	0.11	0.68	0.59	0.68	0.67	0.60	0.42	0.42	0.40	0.68	0.00	-0.4%
NC_856	60	4565	0.52	0.52	0.10	0.53	0.33	0.46	0.47	0.53	0.44	0.38	0.39	0.53	0.00	-0.8%
NC_857	15	4409	0.48	0.47	0.05	0.47	0.47	0.48	0.50	0.38	0.24	0.27	0.23	0.50	0.03	6.2%
NC_858	45	4539	1.11	1.08	0.12	1.09	0.86	1.05	1.07	1.11	0.98	0.85	0.81	1.11	0.02	1.7%
NC_859	45	4536	0.28	0.26	0.05	0.27	0.19	0.29	0.27	0.28	0.20	0.20	0.19	0.29	0.02	7.8%
NC_860	60	4573	4.92	5.01	0.42	5.11	2.36	3.03	4.71	5.21	4.88	4.35	4.00	5.21	0.10	1.9%
NC_861	15	4409	0.46	0.45	0.05	0.45	0.45	0.46	0.48	0.37	0.23	0.26	0.22	0.48	0.03	6.4%
NC_862	60	4565	0.83	0.83	0.12	0.84	0.58	0.76	0.76	0.84	0.73	0.64	0.63	0.84	0.00	0.2%
NC_863	60	4573	4.61	4.72	0.43	4.82	2.31	2.94	4.44	4.88	4.47	3.99	3.65	4.88	0.06	1.3%
NC_864	20	4435	0.45	0.46	0.08	0.46	0.43	0.46	0.47	0.38	0.24	0.26	0.23	0.47	0.01	2.2%
NC_865	45	4539	0.50	0.48	0.07	0.49	0.34	0.46	0.48	0.50	0.40	0.36	0.37	0.50	0.01	2.7%
NC_866	20	4444	0.31	0.30	0.06	0.33	0.23	0.33	0.30	0.30	0.21	0.21	0.20	0.33	0.00	0.6%
NC_867	20	4435	0.66	0.66	0.08	0.66	0.54	0.66	0.68	0.65	0.47	0.43	0.45	0.68	0.02	3.6%
NC_868	45	4541	2.82	2.79	0.13	2.80	1.57	1.96	2.71	2.98	2.55	2.29	2.10	2.98	0.18	6.5%
NC_869	60	4565	1.84	1.89	0.18	1.93	0.90	1.16	1.75	1.93	1.80	1.57	1.45	1.93	0.00	-0.2%
NC_870	60	4573	1.88	1.92	0.18	1.97	0.88	1.14	1.78	1.99	1.88	1.66	1.54	1.99	0.02	0.9%
NC_871	45	4539	0.47	0.45	0.07	0.46	0.31	0.43	0.44	0.47	0.38	0.34	0.35	0.47	0.01	2.2%
NC_872	45	4541	2.02	1.99	0.09	2.00	1.24	1.49	1.97	2.14	1.74	1.57	1.46	2.14	0.14	7.1%
NC_873	45	4541	0.83	0.79	0.11	0.79	0.58	0.71	0.78	0.86	0.68	0.60	0.61	0.86	0.07	9.1%
NC_874	20	4435	0.35	0.34	0.07	0.37	0.28	0.37	0.35	0.32	0.22	0.22	0.21	0.37	0.00	0.5%
NC_875	60	4565	1.77	1.83	0.19	1.85	0.94	1.18	1.64	1.85	1.68	1.46	1.35	1.85	0.00	-0.2%
NC_876	45	4540	1.68	1.65	0.10	1.66	1.19	1.36	1.68	1.78	1.35	1.23	1.18	1.78	0.12	7.3%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_877	60	4565	1.71	1.74	0.21	1.78	0.98	1.21	1.54	1.78	1.56	1.36	1.28	1.78	0.00	0.1%
NC_878	20	4435	0.63	0.63	0.09	0.65	0.50	0.65	0.64	0.62	0.45	0.42	0.42	0.65	0.00	-0.6%
NC_879	30	4513	1.65	1.65	0.11	1.66	1.28	1.40	1.67	1.70	1.20	1.09	1.10	1.70	0.04	2.2%
NC_880	60	4565	0.59	0.58	0.10	0.58	0.24	0.34	0.48	0.58	0.56	0.48	0.45	0.58	0.00	0.7%
NC_881	15	4409	0.50	0.49	0.06	0.49	0.49	0.49	0.52	0.39	0.24	0.28	0.24	0.52	0.03	5.1%
NC_882	45	4536	0.36	0.34	0.06	0.35	0.25	0.37	0.35	0.36	0.27	0.26	0.25	0.37	0.02	6.3%
NC_883	60	4565	1.64	1.66	0.24	1.73	1.05	1.27	1.51	1.73	1.41	1.24	1.21	1.73	0.00	-0.2%
NC_884	20	4435	0.42	0.43	0.08	0.44	0.39	0.44	0.44	0.37	0.23	0.25	0.23	0.44	0.00	0.7%
NC_885	15	4409	0.47	0.46	0.05	0.46	0.46	0.46	0.48	0.37	0.23	0.26	0.22	0.48	0.02	4.8%
NC_886	20	4436	1.35	1.33	0.13	1.36	1.16	1.29	1.39	1.24	0.85	0.78	0.82	1.39	0.03	2.5%
NC_887	20	4435	0.72	0.70	0.10	0.72	0.59	0.72	0.71	0.65	0.44	0.42	0.42	0.72	0.00	-0.3%
NC_888	20	4435	0.42	0.43	0.08	0.44	0.39	0.44	0.44	0.36	0.23	0.25	0.23	0.44	0.00	0.5%
NC_889	45	4536	0.26	0.24	0.04	0.24	0.17	0.26	0.24	0.26	0.20	0.19	0.19	0.26	0.02	8.8%
NC_890	60	4565	0.75	0.74	0.13	0.77	0.40	0.55	0.62	0.77	0.64	0.56	0.56	0.77	0.00	-0.4%
NC_891	45	4536	0.27	0.25	0.04	0.26	0.18	0.28	0.26	0.27	0.20	0.19	0.19	0.28	0.02	5.8%
NC_892	45	4536	0.29	0.27	0.05	0.28	0.21	0.31	0.28	0.29	0.21	0.21	0.20	0.31	0.03	10.0%
NC_893	45	4539	0.34	0.32	0.05	0.32	0.22	0.33	0.32	0.35	0.27	0.25	0.25	0.35	0.03	7.8%
NC_894	45	4536	0.37	0.35	0.06	0.36	0.26	0.39	0.36	0.37	0.28	0.27	0.26	0.39	0.03	8.9%
NC_895	45	4536	0.25	0.24	0.04	0.24	0.16	0.25	0.24	0.26	0.20	0.18	0.18	0.26	0.02	6.7%
NC_896	45	4539	0.25	0.24	0.04	0.24	0.15	0.23	0.24	0.25	0.20	0.18	0.19	0.25	0.01	5.8%
NC_897	45	4536	0.27	0.25	0.04	0.25	0.18	0.27	0.25	0.27	0.20	0.19	0.19	0.27	0.02	6.8%
NC_898	60	4565	0.87	0.86	0.16	0.90	0.40	0.58	0.72	0.90	0.75	0.65	0.66	0.90	0.00	-0.3%
NC_899	60	4565	0.29	0.29	0.06	0.29	0.18	0.27	0.27	0.29	0.24	0.21	0.22	0.29	0.00	1.4%
NC_900	60	4565	0.53	0.53	0.10	0.54	0.30	0.43	0.45	0.54	0.46	0.40	0.40	0.54	0.00	0.2%
NC_901	45	4536	0.31	0.29	0.06	0.30	0.23	0.34	0.30	0.31	0.22	0.22	0.21	0.34	0.04	12.3%
NC_902	45	4536	0.52	0.50	0.07	0.50	0.37	0.49	0.50	0.52	0.41	0.37	0.38	0.52	0.02	3.6%
NC_903	60	4565	1.12	1.11	0.21	1.15	0.64	0.86	0.95	1.15	0.95	0.83	0.85	1.15	0.00	-0.1%
NC_904	15	4409	0.46	0.45	0.05	0.45	0.45	0.46	0.47	0.36	0.22	0.25	0.22	0.47	0.02	4.9%
NC_905	60	4565	1.14	1.13	0.18	1.18	0.63	0.79	0.97	1.18	1.02	0.89	0.86	1.18	0.00	-0.2%
NC_906	45	4539	0.28	0.26	0.04	0.27	0.17	0.26	0.26	0.28	0.22	0.20	0.21	0.28	0.01	3.3%
NC_907	20	4435	0.84	0.82	0.11	0.84	0.68	0.84	0.82	0.77	0.52	0.50	0.50	0.84	0.00	-0.2%
NC_908	90	4593	1.46	1.49	0.22	1.54	0.54	0.76	1.29	1.42	1.59	1.35	1.20	1.59	0.05	3.2%
NC_909	20	4444	0.32	0.32	0.06	0.35	0.24	0.35	0.31	0.31	0.21	0.22	0.21	0.35	0.00	-0.3%
NC_910	45	4539	0.25	0.24	0.04	0.24	0.16	0.24	0.23	0.25	0.20	0.18	0.18	0.25	0.01	4.6%
NC_911	20	4444	0.24	0.23	0.05	0.25	0.19	0.26	0.24	0.21	0.14	0.15	0.14	0.26	0.01	2.4%
NC_912	20	4435	0.41	0.41	0.08	0.42	0.38	0.42	0.42	0.35	0.22	0.24	0.22	0.42	0.00	0.7%
NC_913	20	4436	1.59	1.56	0.19	1.59	1.33	1.47	1.67	1.42	0.98	0.91	0.96	1.67	0.08	5.1%
NC_914	20	4435	1.37	1.33	0.17	1.34	1.13	1.34	1.38	1.24	0.83	0.79	0.81	1.38	0.04	2.8%
NC_915	20	4435	1.24	1.20	0.17	1.20	1.02	1.20	1.28	1.11	0.76	0.71	0.74	1.28	0.08	6.5%
NC_916	15	4409	0.50	0.48	0.06	0.48	0.48	0.49	0.51	0.39	0.24	0.27	0.24	0.51	0.03	6.5%
NC_917	60	4565	0.66	0.65	0.12	0.68	0.29	0.43	0.54	0.68	0.58	0.51	0.50	0.68	0.00	0.1%
NC_918	45	4536	0.27	0.25	0.05	0.26	0.19	0.28	0.26	0.27	0.20	0.20	0.19	0.28	0.02	7.3%
NC_919	60	4565	0.94	0.93	0.16	0.95	0.66	0.84	0.89	0.95	0.79	0.69	0.70	0.95	0.00	0.3%
NC_920	20	4436	1.79	1.76	0.19	1.80	1.50	1.65	1.91	1.74	1.32	1.18	1.23	1.91	0.11	6.0%
NC_921	20	4435	0.46	0.47	0.08	0.47	0.45	0.47	0.48	0.38	0.24	0.26	0.24	0.48	0.01	2.8%
NC_922	45	4539	0.25	0.23	0.04	0.24	0.15	0.23	0.23	0.25	0.20	0.18	0.18	0.25	0.01	2.9%
NC_923	60	4565	0.42	0.42	0.08	0.43	0.19	0.29	0.34	0.43	0.37	0.32	0.32	0.43	0.00	0.5%
NC_924	45	4539	0.25	0.23	0.04	0.24	0.16	0.24	0.23	0.25	0.20	0.18	0.18	0.25	0.01	4.2%
NC_925	60	4568	2.60	2.69	0.25	2.69	1.69	1.95	2.40	2.69	2.52	2.15	1.95	2.69	0.00	-0.2%
NC_926	60	4565	0.77	0.76	0.13	0.78	0.31	0.46	0.62	0.78	0.72	0.62	0.59	0.78	0.00	0.1%
NC_927	45	4536	0.27	0.25	0.04	0.25	0.17	0.26	0.25	0.27	0.21	0.19	0.19	0.27	0.02	7.6%
NC_928	45	4536	0.36	0.34	0.06	0.35	0.26	0.38	0.35	0.37	0.27	0.26	0.26	0.38	0.03	8.6%
NC_929	45	4542	1.39	1.34	0.21	1.40	1.10	1.35	1.44	1.38	1.06	0.96	0.98	1.44	0.04	2.9%
NC_930	30	4513	6.68	6.68	0.64	6.70	5.50	5.75	6.98	6.90	5.21	4.64	4.70	6.98	0.28	4.1%
NC_931	15	4410	0.57	0.56	0.06	0.56	0.56	0.56	0.58	0.45	0.28	0.31	0.27	0.58	0.02	4.3%
NC_932	60	4568	3.05	3.07	0.34	3.11	1.26	1.70	2.71	3.03	3.26	2.68	2.40	3.26	0.15	4.9%
NC_933	15	4412	0.45	0.43	0.05	0.43	0.43	0.46	0.47	0.37	0.23	0.25	0.23	0.47	0.04	8.4%
NC_934	15	4409	0.46	0.45	0.05	0.45	0.45	0.47	0.48	0.37	0.23	0.26	0.23	0.48	0.03	6.9%
NC_935	60	4565	0.54	0.54	0.10	0.55	0.35	0.46	0.50	0.55	0.45	0.39	0.41	0.55	0.00	-0.2%
NC_936	60	4568	0.89	0.89	0.13	0.90	0.32	0.48	0.76	0.88	0.90	0.76	0.69	0.90	0.00	-0.2%
NC_937	60	4565	2.92	3.02	0.26	3.03	1.94	2.24	2.72	3.03	2.85	2.43	2.18	3.03	0.00	-0.1%
NC_938	20	4435	0.82	0.81	0.13	0.81	0.71	0.81	0.83	0.69	0.45	0.45	0.44	0.83	0.02	2.0%
NC_939	45	4536	0.34	0.32	0.06	0.33	0.24	0.36	0.33	0.34	0.25	0.24	0.23	0.36	0.03	7.9%
NC_940	60	4568	3.23	3.29	0.32	3.34	1.42	1.80	2.89	3.23	3.49	2.89	2.62	3.49	0.15	4.5%
NC_941	60	4568	0.98	1.00	0.12	1.01	0.33	0.50	0.87	0.98	1.04	0.87	0.79	1.04	0.03	3.2%
NC_942	45	4536	0.28	0.26	0.05	0.27	0.20	0.30	0.27	0.28	0.20	0.20	0.19	0.30	0.03	10.4%
NC_943	15	4412	0.66	0.65	0.07	0.65	0.64	0.66	0.68	0.53	0.34	0.37	0.33	0.68	0.03	5.1%
NC_944	20	4435	0.41	0.41	0.08	0.42	0.38	0.42	0.42	0.35	0.22	0.24	0.22	0.42	0.00	0.7%
NC_945	45	4539	0.25	0.24	0.04	0.24	0.16	0.24	0.24	0.25	0.20	0.18	0.19	0.25	0.01	5.8%
NC_946	15	4409	0.45	0.43	0.05	0.43	0.43	0.45	0.46	0.36	0.23	0.25	0.22	0.46	0.03	7.9%
NC_947	45	4539	0.25	0.23	0.04	0.24	0.16	0.24	0.23	0.25	0.20	0.18	0.18	0.25	0.01	4.2%
NC_948	60	4568	1.43	1.43	0.17	1.46	0.49	0.72	1.25	1.41	1.54	1.27	1.14	1.54	0.08	5.4%
NC_949	60	4568	3.28	3.35	0.31	3.39	1.41	1.82	2.92	3.32	3.53	2.96	2.73	3.53	0.14	4.2%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_950	2160	4803	2.23	2.37	0.82	2.38	0.25	0.36	0.33	0.32	0.28	0.31	0.36	0.36	-2.02	-84.8%
NC_951	60	4565	1.99	2.03	0.26	2.10	1.25	1.50	1.81	2.10	1.78	1.56	1.47	2.10	0.00	0.0%
NC_952	20	4435	0.46	0.46	0.08	0.47	0.44	0.47	0.48	0.38	0.24	0.26	0.23	0.48	0.01	1.5%
NC_953	15	4409	0.53	0.52	0.06	0.52	0.52	0.52	0.55	0.42	0.26	0.29	0.25	0.55	0.03	5.2%
NC_954	45	4536	0.29	0.27	0.05	0.28	0.20	0.29	0.28	0.30	0.22	0.21	0.21	0.30	0.02	5.4%
NC_955	45	4536	0.27	0.26	0.04	0.26	0.18	0.27	0.26	0.28	0.21	0.20	0.20	0.28	0.02	5.8%
NC_956	60	4569	3.72	3.79	0.35	3.87	2.59	3.00	3.45	3.88	3.57	3.02	2.70	3.88	0.01	0.3%
NC_957	20	4435	1.62	1.57	0.22	1.59	1.29	1.59	1.65	1.52	1.11	1.02	1.05	1.65	0.06	3.7%
NC_958	45	4539	0.26	0.24	0.04	0.25	0.16	0.25	0.24	0.26	0.21	0.19	0.19	0.26	0.01	4.4%
NC_959	20	4435	1.22	1.17	0.17	1.17	1.00	1.17	1.23	1.08	0.74	0.69	0.72	1.23	0.06	5.2%
NC_960	45	4542	7.28	7.16	0.75	7.30	5.76	6.25	7.41	7.56	6.19	5.41	5.18	7.56	0.26	3.5%
NC_961	20	4435	0.68	0.67	0.11	0.71	0.52	0.71	0.67	0.66	0.49	0.47	0.46	0.71	0.00	-0.1%
NC_962	45	4539	0.25	0.23	0.04	0.24	0.15	0.23	0.23	0.25	0.20	0.18	0.18	0.25	0.01	3.8%
NC_963	20	4435	0.85	0.83	0.14	0.86	0.71	0.86	0.84	0.77	0.52	0.51	0.51	0.86	0.00	0.0%
NC_964	60	4568	5.07	5.17	0.47	5.25	2.08	2.75	4.53	5.08	5.51	4.57	4.18	5.51	0.26	4.9%
NC_965	60	4565	0.47	0.47	0.09	0.49	0.25	0.35	0.40	0.49	0.41	0.35	0.36	0.49	0.00	-0.6%
NC_966	20	4435	0.35	0.35	0.07	0.38	0.26	0.38	0.34	0.34	0.23	0.24	0.22	0.38	0.00	-0.5%
NC_967	45	4478	7.14	6.98	0.61	7.04	5.37	5.91	7.15	7.49	6.31	5.47	5.16	7.49	0.45	6.3%
NC_968	60	4565	0.81	0.80	0.14	0.83	0.53	0.66	0.74	0.83	0.67	0.59	0.60	0.83	-0.01	-0.6%
NC_969	2160	4803	2.19	2.33	0.80	2.38	0.03	0.07	0.19	0.23	0.27	0.30	0.35	0.35	-2.03	-85.4%
NC_970	30	4509	1.59	1.58	0.20	1.60	1.42	1.40	1.72	1.56	1.10	0.98	1.06	1.72	0.12	7.6%
NC_971	45	4542	3.99	3.98	0.05	3.99	2.83	3.15	4.02	4.15	3.79	3.53	3.28	4.15	0.16	4.0%
NC_972	20	4436	2.43	2.40	0.26	2.47	2.04	2.24	2.62	2.30	1.63	1.48	1.57	2.62	0.15	5.9%
NC_973	180	4668	15.12	15.42	0.72	15.43	6.13	7.41	10.53	11.57	13.38	14.50	15.53	15.53	0.10	0.6%
NC_974	180	4663	17.80	18.48	2.38	18.51	8.88	10.21	13.83	15.01	15.35	16.42	18.44	18.44	-0.07	-0.4%
NC_975	20	4434	0.72	0.70	0.10	0.73	0.62	0.68	0.72	0.57	0.36	0.38	0.36	0.72	-0.01	-0.8%
NC_976	180	4663	17.72	18.40	2.42	18.47	8.85	10.17	13.56	14.81	15.28	16.41	18.33	18.33	-0.14	-0.7%
NC_977	180	4663	17.45	18.12	2.51	18.28	8.67	9.95	12.65	14.10	14.96	16.33	17.97	17.97	-0.31	-1.7%
NC_978	180	4659	33.14	34.35	3.08	34.44	14.67	17.26	24.91	27.12	29.56	30.88	34.44	34.44	0.00	0.0%
NC_979	180	4659	33.80	34.93	2.97	35.09	14.92	17.66	25.86	28.02	30.43	31.01	35.09	35.09	0.00	0.0%
NC_980	180	4658	22.78	22.52	3.13	22.70	11.72	14.29	21.42	23.57	23.48	23.33	22.34	23.57	0.87	3.8%
NC_981	180	4663	58.60	59.30	6.11	59.34	24.80	30.54	47.18	52.47	55.81	57.94	59.25	59.25	-0.09	-0.1%
NC_982	120	4626	15.43	15.87	1.52	15.95	9.06	10.74	14.27	16.12	16.36	15.95	15.05	16.36	0.41	2.5%
NC_983	180	4659	15.59	15.44	2.57	15.54	9.00	10.68	14.61	16.09	16.30	16.35	15.54	16.35	0.81	5.2%
NC_984	15	4410	1.15	1.15	0.11	1.18	0.99	1.07	1.17	0.93	0.60	0.62	0.59	1.17	-0.01	-0.6%
NC_985	20	4435	0.55	0.55	0.10	0.56	0.51	0.56	0.57	0.47	0.30	0.32	0.30	0.57	0.00	0.9%
NC_986	30	4513	2.06	2.05	0.20	2.05	1.67	1.81	2.12	2.11	1.50	1.36	1.43	2.12	0.07	3.2%
NC_987	20	4444	0.29	0.29	0.06	0.31	0.21	0.32	0.28	0.29	0.20	0.20	0.20	0.32	0.01	1.6%
NC_988	20	4435	0.42	0.42	0.08	0.44	0.37	0.44	0.43	0.36	0.24	0.25	0.23	0.44	0.00	-0.7%
NC_989	20	4434	2.62	2.56	0.34	2.57	2.17	2.44	2.70	2.24	1.49	1.45	1.47	2.70	0.13	5.1%
NC_990	90	4594	13.02	13.41	1.98	14.32	5.94	6.76	11.42	13.83	14.32	11.63	10.66	14.32	0.00	0.0%
NC_991	20	4435	0.33	0.33	0.07	0.35	0.29	0.35	0.34	0.29	0.18	0.20	0.18	0.35	0.00	-0.3%
NC_992	45	4478	2.14	2.11	0.09	2.11	1.81	1.90	2.14	2.24	1.88	1.75	1.70	2.24	0.13	6.1%
NC_993	20	4435	0.83	0.80	0.12	0.81	0.68	0.81	0.85	0.72	0.48	0.46	0.47	0.85	0.04	5.1%
NC_994	20	4435	0.62	0.60	0.11	0.63	0.50	0.63	0.63	0.55	0.36	0.36	0.35	0.63	0.00	0.2%
NC_995	20	4434	0.96	0.93	0.14	0.93	0.81	0.93	0.99	0.82	0.54	0.53	0.53	0.99	0.05	5.9%
NC_996	20	4434	0.92	0.89	0.13	0.91	0.80	0.87	0.94	0.76	0.49	0.51	0.49	0.94	0.03	3.6%
NC_997	20	4436	2.89	2.88	0.27	2.97	2.47	2.67	3.13	2.85	2.16	1.94	1.98	3.13	0.16	5.4%
NC_998	15	4409	0.40	0.39	0.05	0.39	0.39	0.40	0.41	0.32	0.20	0.22	0.19	0.41	0.02	6.2%
NC_999	20	4434	0.81	0.80	0.12	0.81	0.71	0.80	0.82	0.67	0.43	0.44	0.42	0.82	0.01	1.7%
NC_1000	45	4478	1.90	1.86	0.20	1.89	1.54	1.74	1.92	1.96	1.55	1.37	1.34	1.96	0.07	3.7%
NC_1001	45	4542	1.36	1.35	0.18	1.38	1.09	1.24	1.40	1.37	1.11	0.98	0.98	1.40	0.02	1.1%
NC_1002	20	4434	0.75	0.74	0.12	0.75	0.66	0.74	0.77	0.62	0.40	0.41	0.39	0.77	0.02	2.0%
NC_1003	20	4435	0.57	0.56	0.10	0.59	0.44	0.59	0.57	0.52	0.35	0.34	0.34	0.59	0.00	-0.5%
NC_1004	45	4542	0.72	0.69	0.12	0.72	0.55	0.72	0.75	0.71	0.52	0.48	0.50	0.75	0.03	3.5%
NC_1005	20	4440	4.00	4.00	0.34	4.10	3.50	3.61	4.35	3.94	2.94	2.63	2.70	4.35	0.25	6.2%
NC_1006	15	4409	0.44	0.43	0.05	0.43	0.43	0.44	0.46	0.35	0.22	0.24	0.21	0.46	0.03	5.8%
NC_1007	30	4509	8.77	8.80	0.98	8.85	7.50	7.70	9.36	8.80	6.41	5.67	5.93	9.36	0.51	5.7%
NC_1008	20	4436	1.42	1.39	0.17	1.40	1.20	1.31	1.48	1.20	0.80	0.79	0.79	1.48	0.08	5.4%
NC_1009	20	4435	0.44	0.43	0.08	0.46	0.37	0.46	0.44	0.39	0.26	0.27	0.25	0.46	0.00	0.4%
NC_1010	20	4436	0.97	0.94	0.11	0.97	0.81	0.92	1.01	0.88	0.61	0.56	0.59	1.01	0.04	3.9%
NC_1011	20	4435	0.32	0.31	0.06	0.34	0.27	0.34	0.32	0.29	0.19	0.20	0.18	0.34	0.00	0.3%
NC_1012	45	4536	0.23	0.22	0.04	0.22	0.15	0.23	0.22	0.23	0.18	0.17	0.17	0.23	0.01	5.9%
NC_1013	60	4565	0.57	0.57	0.12	0.57	0.34	0.51	0.53	0.57	0.46	0.41	0.43	0.57	0.00	0.2%
NC_1014	60	4565	0.86	0.85	0.17	0.87	0.51	0.70	0.78	0.87	0.70	0.61	0.64	0.87	0.00	-0.2%
NC_1015	180	4659	12.15	11.95	2.23	12.05	2.62	3.45	7.07	8.82	11.46	12.08	12.05	12.08	0.03	0.2%
NC_1016	60	4565	3.65	3.64	0.53	3.70	1.72	2.28	3.05	3.70	3.51	2.99	2.80	3.70	0.00	0.0%
NC_1017	120	4626	10.00	9.82	1.22	9.95	1.04	2.38	6.57	8.13	10.26	9.95	9.62	10.26	0.31	3.2%
NC_1018	180	4659	2.34	2.31	0.31	2.32	0.93	1.20	1.89	2.14	2.31	2.46	2.32	2.46	0.14	5.9%
NC_1019	60	4565	0.44	0.44	0.07	0.46	0.30	0.35	0.41	0.46	0.38	0.34	0.33	0.46	0.00	-0.4%
NC_1020	90	4594	9.06	9.31	1.37	9.82	0.99	2.46	6.74	8.20	9.82	8.56	8.01	9.82	0.00	0.0%
NC_1021	60	4565	1.26	1.27	0.21	1.31	0.82	0.98	1.19	1.31	1.06	0.93	0.93	1.31	-0.01	-0.4%
NC_1022	60	4568	0.65	0.65	0.10	0.66	0.24	0.35	0.56	0.65	0.66	0.55	0.51	0.66	0.00	0.0%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_1023	120	4623	9.62	9.37	1.33	9.49	1.00	2.47	6.85	8.41	10.28	9.26	8.70	10.28	0.79	8.3%
NC_1024	60	4568	7.40	7.55	0.78	7.63	2.96	4.06	6.56	7.47	7.92	6.66	6.08	7.92	0.29	3.8%
NC_1025	60	4565	2.86	2.85	0.52	2.94	1.61	2.14	2.57	2.94	2.40	2.10	2.13	2.94	0.00	-0.1%
NC_1026	60	4565	1.07	1.06	0.20	1.09	0.56	0.81	0.92	1.09	0.90	0.78	0.80	1.09	0.00	0.0%
NC_1027	60	4565	1.79	1.80	0.32	1.84	1.09	1.40	1.66	1.84	1.48	1.30	1.32	1.84	0.00	0.1%
NC_1028	45	4536	0.30	0.28	0.05	0.29	0.22	0.32	0.29	0.30	0.22	0.22	0.21	0.32	0.03	11.4%
NC_1029	20	4444	0.28	0.28	0.05	0.30	0.20	0.30	0.27	0.27	0.19	0.19	0.18	0.30	0.00	0.7%
NC_1030	20	4444	0.17	0.17	0.04	0.18	0.16	0.19	0.18	0.15	0.09	0.10	0.09	0.19	0.01	3.3%
NC_1031	60	4565	0.23	0.23	0.05	0.23	0.12	0.18	0.20	0.23	0.18	0.16	0.17	0.23	0.00	0.9%
NC_1032	60	4565	0.46	0.45	0.09	0.46	0.29	0.41	0.42	0.46	0.37	0.33	0.34	0.46	0.00	-0.7%
NC_1033	60	4568	0.81	0.81	0.12	0.81	0.30	0.44	0.68	0.80	0.80	0.68	0.62	0.80	-0.01	-1.0%
NC_1034	90	4593	1.46	1.49	0.22	1.55	0.53	0.75	1.28	1.42	1.59	1.35	1.21	1.59	0.04	2.3%
NC_1035	20	4444	0.27	0.26	0.05	0.28	0.19	0.29	0.26	0.25	0.17	0.18	0.17	0.29	0.01	2.9%
NC_1036	2160	4920	0.29	0.24	0.16	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.25	-100.0%
NC_1037	60	4565	0.83	0.83	0.13	0.85	0.39	0.52	0.69	0.85	0.77	0.67	0.63	0.85	0.00	-0.4%
NC_1038	60	4568	0.68	0.68	0.10	0.69	0.25	0.36	0.58	0.67	0.69	0.58	0.53	0.69	0.00	0.1%
NC_1039	60	4568	0.88	0.90	0.08	0.91	0.34	0.48	0.80	0.89	0.94	0.79	0.72	0.94	0.03	3.6%
NC_1040	45	4536	0.15	0.14	0.03	0.15	0.10	0.15	0.15	0.16	0.11	0.11	0.11	0.16	0.01	3.3%
NC_1041	60	4568	0.90	0.92	0.08	0.93	0.35	0.48	0.81	0.91	0.96	0.82	0.75	0.96	0.03	3.2%
NC_1042	45	4478	0.36	0.35	0.05	0.36	0.26	0.33	0.36	0.36	0.27	0.24	0.26	0.36	0.00	-0.3%
NC_1043	60	4565	1.20	1.20	0.17	1.21	0.53	0.72	1.02	1.21	1.18	1.00	0.92	1.21	0.00	-0.2%
NC_1044	60	4568	2.56	2.63	0.25	2.65	0.94	1.33	2.27	2.62	2.73	2.35	2.19	2.73	0.08	3.0%
NC_1045	180	4663	16.78	17.34	2.61	17.49	7.64	8.76	10.95	12.11	13.83	16.05	17.19	17.19	-0.30	-1.7%
NC_1046	90	4593	6.84	7.02	1.10	7.42	2.65	3.49	5.82	6.67	7.43	6.40	5.93	7.43	0.01	0.1%
NC_1047	90	4594	7.38	7.54	1.09	7.94	3.00	3.77	6.25	7.19	7.94	7.11	6.66	7.94	0.00	0.0%
NC_1048	60	4565	3.68	3.71	0.43	3.77	2.82	3.07	3.66	3.77	3.45	2.86	2.67	3.77	0.00	0.1%
NC_1049	60	4568	2.75	2.72	0.22	2.73	1.43	1.76	2.46	2.63	2.79	2.42	2.16	2.79	0.06	2.1%
NC_1050	60	4567	2.23	2.27	0.11	2.30	1.13	1.37	2.11	2.24	2.24	2.01	1.80	2.24	-0.06	-2.4%
NC_1051	20	4444	0.19	0.19	0.04	0.20	0.17	0.20	0.20	0.16	0.10	0.11	0.10	0.20	0.00	-0.5%
NC_1052	60	4565	2.87	2.83	0.31	2.91	2.12	2.32	2.73	2.91	2.85	2.36	2.10	2.91	0.00	-0.1%
NC_1053	20	4436	0.63	0.61	0.08	0.62	0.53	0.60	0.64	0.54	0.36	0.35	0.35	0.64	0.02	3.7%
NC_1054	45	4541	1.71	1.69	0.05	1.69	1.11	1.30	1.68	1.80	1.59	1.44	1.30	1.80	0.11	6.7%
NC_1055	15	4409	0.43	0.42	0.05	0.42	0.42	0.44	0.45	0.35	0.22	0.24	0.22	0.45	0.03	7.4%
NC_1056	15	4412	0.64	0.64	0.07	0.64	0.61	0.61	0.66	0.48	0.30	0.34	0.30	0.66	0.02	2.3%
NC_1057	15	4409	0.38	0.38	0.04	0.38	0.38	0.35	0.38	0.27	0.16	0.20	0.16	0.38	0.00	0.5%
NC_1058	60	4570	1.96	1.94	0.11	1.95	1.10	1.32	1.94	2.06	1.96	1.81	1.60	2.06	0.11	5.7%
NC_1059	60	4565	1.47	1.49	0.10	1.52	0.57	0.78	1.32	1.52	1.58	1.41	1.28	1.58	0.06	4.1%
NC_1060	20	4434	0.77	0.75	0.09	0.75	0.65	0.72	0.77	0.64	0.41	0.41	0.41	0.77	0.02	3.1%
NC_1061	60	4565	1.99	2.04	0.14	2.06	1.30	1.54	1.92	2.06	1.90	1.72	1.58	2.06	0.00	0.0%
NC_1062	60	4570	2.45	2.43	0.15	2.44	1.24	1.50	2.33	2.39	2.43	2.31	1.99	2.43	-0.01	-0.3%
NC_1063	45	4536	0.76	0.74	0.09	0.76	0.56	0.65	0.76	0.79	0.57	0.51	0.54	0.79	0.03	3.7%
NC_1064	30	4509	5.27	5.30	0.36	5.33	4.23	4.53	5.42	5.34	3.71	3.40	3.40	5.42	0.09	1.7%
NC_1065	45	4540	0.84	0.81	0.08	0.82	0.54	0.65	0.80	0.90	0.68	0.62	0.61	0.90	0.08	9.1%
NC_1066	20	4436	1.27	1.24	0.16	1.25	1.04	1.22	1.32	1.17	0.82	0.75	0.80	1.32	0.07	5.7%
NC_1067	20	4435	0.35	0.35	0.07	0.37	0.31	0.37	0.36	0.31	0.20	0.21	0.19	0.37	0.00	0.3%
NC_1068	20	4435	0.49	0.48	0.08	0.50	0.37	0.50	0.49	0.46	0.32	0.31	0.31	0.50	0.00	-0.2%
NC_1069	15	4409	0.53	0.53	0.06	0.54	0.54	0.52	0.54	0.40	0.25	0.29	0.24	0.54	0.00	0.7%
NC_1070	15	4410	0.75	0.75	0.08	0.75	0.71	0.72	0.77	0.58	0.36	0.40	0.36	0.77	0.02	2.0%
NC_1071	15	4409	0.27	0.26	0.03	0.27	0.27	0.28	0.29	0.22	0.13	0.15	0.13	0.29	0.02	5.6%
NC_1072	20	4435	0.34	0.33	0.06	0.37	0.26	0.37	0.34	0.32	0.22	0.22	0.21	0.37	-0.01	-1.4%
NC_1073	20	4436	2.65	2.58	0.34	2.61	2.21	2.48	2.75	2.31	1.56	1.49	1.53	2.75	0.14	5.5%
NC_1074	20	4440	3.95	3.97	0.35	4.06	3.51	3.51	4.30	3.62	2.48	2.29	2.43	4.30	0.24	5.9%
NC_1075	20	4435	1.34	1.30	0.22	1.35	1.09	1.35	1.36	1.20	0.82	0.80	0.79	1.36	0.01	1.0%
NC_1076	45	4536	0.22	0.21	0.04	0.21	0.15	0.23	0.21	0.22	0.16	0.16	0.16	0.23	0.02	8.6%
NC_1077	45	4536	0.14	0.14	0.03	0.14	0.10	0.16	0.14	0.14	0.10	0.10	0.10	0.16	0.02	11.4%
NC_1078	20	4436	1.01	0.98	0.12	1.00	0.86	0.95	1.04	0.88	0.58	0.56	0.57	1.04	0.03	3.5%
NC_1079	30	4509	1.58	1.58	0.18	1.58	1.38	1.46	1.68	1.56	1.08	0.98	1.03	1.68	0.10	6.2%
NC_1080	15	4409	0.28	0.28	0.03	0.28	0.28	0.28	0.29	0.22	0.13	0.16	0.13	0.29	0.01	4.3%
NC_1081	60	4565	0.62	0.62	0.11	0.64	0.35	0.48	0.52	0.64	0.54	0.47	0.47	0.64	0.00	0.3%
NC_1082	20	4436	0.62	0.61	0.06	0.62	0.51	0.61	0.65	0.61	0.43	0.39	0.42	0.65	0.03	5.0%
NC_1083	20	4444	0.23	0.23	0.04	0.24	0.17	0.25	0.22	0.23	0.16	0.16	0.15	0.25	0.01	3.8%
NC_1084	45	4539	0.41	0.38	0.06	0.38	0.27	0.40	0.38	0.41	0.32	0.30	0.30	0.41	0.03	7.1%
NC_1085	60	4565	0.63	0.63	0.10	0.65	0.37	0.49	0.54	0.65	0.53	0.47	0.47	0.65	0.00	0.6%
NC_1086	20	4444	0.25	0.25	0.05	0.27	0.19	0.27	0.25	0.24	0.16	0.17	0.16	0.27	0.00	1.5%
NC_1087	60	4565	1.38	1.39	0.16	1.40	0.95	1.14	1.23	1.40	1.32	1.12	1.01	1.40	0.00	-0.3%
NC_1088	20	4435	0.75	0.74	0.10	0.75	0.61	0.75	0.76	0.71	0.51	0.48	0.49	0.76	0.01	0.7%
NC_1089	45	4542	0.45	0.44	0.06	0.46	0.37	0.45	0.47	0.45	0.34	0.31	0.32	0.47	0.01	1.5%
NC_1090	20	4444	0.27	0.27	0.05	0.30	0.20	0.30	0.26	0.27	0.18	0.19	0.18	0.30	0.00	-0.7%
NC_1091	20	4436	1.16	1.13	0.14	1.14	0.96	1.13	1.19	1.08	0.77	0.71	0.73	1.19	0.05	4.1%
NC_1092	60	4565	8.43	8.61	0.51	8.73	3.84	4.91	7.74	8.73	8.76	8.29	7.59	8.76	0.03	0.3%
NC_1093	60	4565	1.53	1.54	0.16	1.56	1.05	1.20	1.40	1.56	1.48	1.26	1.13	1.56	0.00	0.0%
NC_1094	30	4509	1.27	1.26	0.16	1.26	1.11	1.14	1.37	1.27	0.91	0.82	0.86	1.37	0.11	8.3%
NC_1095	20	4436	1.24	1.20	0.14	1.22	1.02	1.18	1.28	1.15	0.82	0.75	0.78	1.28	0.06	4.8%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_1096	60	4565	0.52	0.51	0.10	0.52	0.30	0.43	0.45	0.52	0.44	0.38	0.39	0.52	0.00	0.4%
NC_1097	60	4565	0.65	0.64	0.11	0.66	0.29	0.41	0.52	0.66	0.60	0.52	0.49	0.66	0.00	-0.3%
NC_1098	20	4436	0.46	0.45	0.06	0.45	0.38	0.44	0.47	0.41	0.28	0.26	0.27	0.47	0.02	4.9%
NC_1099	20	4436	0.52	0.51	0.06	0.52	0.43	0.51	0.54	0.49	0.34	0.31	0.33	0.54	0.02	3.7%
NC_1100	60	4573	8.36	8.51	0.48	8.62	3.79	4.85	7.68	8.66	8.72	8.36	7.75	8.72	0.10	1.1%
NC_1101	45	4540	5.25	5.22	0.15	5.22	3.01	3.69	5.21	5.58	4.85	4.34	3.96	5.58	0.36	6.8%
NC_1102	180	4659	87.55	88.25	9.78	88.95	38.97	47.08	69.60	78.21	85.26	88.45	88.95	88.95	0.00	0.0%
NC_1103	20	4436	1.10	1.07	0.13	1.09	0.94	1.05	1.13	0.97	0.64	0.61	0.63	1.13	0.04	3.3%
NC_1104	20	4436	0.51	0.50	0.06	0.51	0.43	0.48	0.54	0.43	0.28	0.29	0.28	0.54	0.03	4.9%
NC_1105	540	4764	2.46	2.33	0.74	2.45	0.34	0.43	0.66	0.74	0.85	0.91	1.18	1.18	-1.27	-52.0%
NC_1106	180	4659	86.36	87.20	9.54	87.86	38.84	46.83	68.95	77.49	84.47	87.62	87.86	87.86	0.00	0.0%
NC_1107	45	4542	4.20	4.17	0.20	4.17	2.69	3.12	4.24	4.46	3.76	3.31	3.14	4.46	0.29	6.9%
NC_1108	20	4436	0.48	0.46	0.07	0.47	0.40	0.46	0.50	0.41	0.27	0.27	0.27	0.50	0.03	5.3%
NC_1109	45	4542	4.50	4.32	0.59	4.42	3.83	4.07	4.83	4.58	3.62	3.15	3.14	4.83	0.41	9.2%
NC_1110	45	4478	4.19	4.10	0.40	4.20	3.25	3.58	4.27	4.38	3.56	3.10	2.97	4.38	0.18	4.3%
NC_1111	20	4435	0.85	0.83	0.12	0.86	0.68	0.86	0.84	0.80	0.55	0.54	0.53	0.86	0.00	0.3%
NC_1112	180	4659	96.92	97.52	10.96	98.58	43.71	53.24	78.86	88.30	96.00	97.86	98.58	98.58	0.00	0.0%
NC_1113	180	4659	98.32	99.47	10.22	100.86	39.00	48.27	76.64	86.53	94.80	98.38	100.86	100.86	0.00	0.0%
NC_1114	180	4659	98.27	99.42	10.14	100.80	38.85	48.11	76.40	86.29	94.57	98.23	100.80	100.80	0.00	0.0%
NC_1115	20	4435	0.79	0.77	0.13	0.79	0.66	0.79	0.79	0.68	0.45	0.45	0.44	0.79	0.00	0.3%
NC_1116	20	4435	0.94	0.90	0.14	0.91	0.77	0.91	0.96	0.82	0.55	0.53	0.54	0.96	0.05	5.8%
NC_1117	20	4436	1.80	1.82	0.13	1.86	1.57	1.68	1.93	1.75	1.22	1.10	1.19	1.93	0.07	3.8%
NC_1118	15	4409	0.32	0.32	0.04	0.32	0.32	0.32	0.33	0.24	0.15	0.18	0.14	0.33	0.01	3.8%
NC_1119	30	4509	8.95	8.98	1.01	9.12	7.99	7.79	9.65	8.74	6.02	5.36	5.79	9.65	0.53	5.8%
NC_1120	20	4436	1.33	1.31	0.13	1.33	1.16	1.26	1.36	1.20	0.78	0.73	0.77	1.36	0.03	2.5%
NC_1121	45	4478	13.66	13.43	0.92	13.54	10.37	11.34	13.84	14.45	13.42	11.56	11.01	14.45	0.91	6.7%
NC_1122	15	4409	0.35	0.33	0.04	0.34	0.34	0.35	0.36	0.28	0.17	0.20	0.17	0.36	0.02	6.5%
NC_1123	20	4435	0.97	0.94	0.14	0.94	0.80	0.94	1.00	0.85	0.57	0.55	0.56	1.00	0.06	6.7%
NC_1124	30	4509	13.09	13.15	0.86	13.17	10.40	11.13	13.39	13.72	12.92	11.16	10.50	13.72	0.55	4.2%
NC_1125	30	4513	13.21	13.24	0.93	13.25	10.63	11.31	13.52	13.79	12.96	11.18	10.48	13.79	0.54	4.1%
NC_1126	20	4435	0.40	0.40	0.08	0.43	0.35	0.43	0.41	0.36	0.24	0.25	0.23	0.43	-0.01	-1.2%
NC_1127	15	4410	1.34	1.35	0.12	1.37	1.18	1.20	1.34	1.04	0.67	0.70	0.67	1.34	-0.03	-2.3%
NC_1128	20	4434	0.79	0.77	0.12	0.77	0.68	0.77	0.80	0.65	0.42	0.43	0.41	0.80	0.03	3.8%
NC_1129	15	4411	1.66	1.68	0.12	1.69	1.45	1.46	1.71	1.37	0.91	0.91	0.90	1.71	0.02	1.1%
NC_1130	20	4436	2.44	2.42	0.26	2.49	2.10	2.24	2.61	2.21	1.53	1.41	1.49	2.61	0.12	4.7%
NC_1131	90	4597	4.76	4.83	0.43	5.00	2.08	2.57	4.03	4.73	5.05	4.72	4.48	5.05	0.05	1.0%
NC_1132	20	4435	0.70	0.70	0.12	0.71	0.65	0.71	0.72	0.59	0.39	0.41	0.38	0.72	0.01	0.7%
NC_1133	20	4436	2.70	2.66	0.29	2.73	2.27	2.54	2.88	2.53	1.74	1.60	1.70	2.88	0.15	5.3%
NC_1134	20	4435	1.34	1.29	0.19	1.31	1.07	1.31	1.37	1.19	0.81	0.77	0.79	1.37	0.05	4.2%
NC_1135	20	4435	0.32	0.31	0.06	0.34	0.26	0.34	0.32	0.29	0.19	0.20	0.19	0.34	0.00	0.3%
NC_1136	60	4565	0.98	0.99	0.14	0.99	0.41	0.58	0.84	0.99	0.95	0.81	0.75	0.99	0.00	-0.2%
NC_1137	30	4509	3.98	4.00	0.34	4.00	3.20	3.42	4.14	4.05	2.85	2.59	2.64	4.14	0.14	3.4%
NC_1138	15	4409	0.38	0.37	0.05	0.37	0.37	0.39	0.40	0.31	0.19	0.21	0.19	0.40	0.03	6.8%
NC_1139	20	4434	0.99	0.98	0.15	0.99	0.87	0.97	1.00	0.82	0.53	0.53	0.52	1.00	0.01	1.3%
NC_1140	20	4435	0.69	0.68	0.09	0.68	0.58	0.68	0.70	0.63	0.42	0.40	0.41	0.70	0.02	2.6%
NC_1141	60	4568	3.46	3.61	0.51	3.69	2.18	2.42	3.18	3.81	3.14	2.70	2.51	3.81	0.12	3.3%
NC_1142	60	4568	3.42	3.55	0.46	3.67	2.13	2.39	3.18	3.79	3.11	2.84	2.59	3.79	0.12	3.1%
NC_1143	20	4435	0.59	0.57	0.10	0.60	0.49	0.60	0.60	0.52	0.35	0.35	0.34	0.60	0.00	0.3%
NC_1144	60	4573	3.65	3.65	0.37	3.76	2.15	2.43	3.47	4.03	3.35	3.26	2.89	4.03	0.27	7.2%
NC_1145	60	4572	3.84	3.78	0.33	3.82	2.18	2.49	3.67	4.19	3.63	3.54	3.08	4.19	0.37	9.6%
NC_1146	20	4435	0.42	0.42	0.08	0.43	0.40	0.43	0.44	0.34	0.22	0.24	0.21	0.44	0.01	1.4%
NC_1147	20	4435	0.44	0.43	0.06	0.43	0.36	0.43	0.46	0.39	0.26	0.25	0.25	0.46	0.03	6.3%
NC_1148	60	4569	4.22	4.36	0.30	4.36	2.31	2.83	3.90	4.39	4.06	3.81	3.36	4.39	0.03	0.7%
NC_1149	20	4435	0.56	0.56	0.10	0.57	0.49	0.58	0.58	0.49	0.32	0.32	0.31	0.58	0.01	1.6%
NC_1150	20	4435	0.37	0.38	0.07	0.39	0.35	0.39	0.39	0.32	0.20	0.22	0.20	0.39	0.00	-0.3%
NC_1151	20	4436	1.00	0.99	0.10	1.01	0.85	0.94	1.06	0.94	0.65	0.59	0.64	1.06	0.05	5.0%
NC_1152	20	4436	1.18	1.18	0.11	1.21	1.01	1.10	1.26	1.12	0.78	0.70	0.76	1.26	0.05	4.4%
NC_1153	20	4436	1.21	1.21	0.11	1.24	1.03	1.13	1.29	1.16	0.80	0.72	0.78	1.29	0.05	4.3%
NC_1154	20	4435	1.10	1.09	0.19	1.11	0.99	1.11	1.14	0.92	0.60	0.62	0.58	1.14	0.03	2.5%
NC_1155	20	4436	1.91	1.91	0.15	1.95	1.66	1.80	2.01	1.80	1.22	1.11	1.19	2.01	0.06	3.3%
NC_1156	20	4440	1.87	1.87	0.16	1.90	1.69	1.63	2.02	1.68	1.14	1.07	1.12	2.02	0.12	6.4%
NC_1157	30	4509	2.26	2.26	0.22	2.27	1.87	2.02	2.36	2.28	1.58	1.44	1.50	2.36	0.09	3.9%
NC_1158	30	4509	4.22	4.24	0.28	4.27	3.25	3.53	4.32	4.36	3.14	2.84	2.85	4.36	0.09	2.0%
NC_1159	30	4509	4.28	4.31	0.27	4.33	3.25	3.56	4.38	4.44	3.23	2.92	2.92	4.44	0.11	2.6%
NC_1160	30	4509	4.38	4.41	0.24	4.44	3.24	3.61	4.49	4.63	3.44	3.10	3.07	4.63	0.19	4.2%
NC_1161	60	4565	1.60	1.57	0.24	1.58	0.94	1.24	1.33	1.58	1.54	1.31	1.22	1.58	0.00	-0.1%
NC_1162	20	4435	0.44	0.43	0.08	0.46	0.35	0.46	0.43	0.41	0.28	0.29	0.27	0.46	0.00	0.7%
NC_1163	20	4435	0.55	0.54	0.10	0.56	0.48	0.56	0.55	0.48	0.31	0.32	0.31	0.56	0.00	-0.4%
NC_1164	60	4568	1.25	1.27	0.17	1.29	0.50	0.68	1.11	1.25	1.27	1.07	0.97	1.27	-0.02	-1.7%
NC_1165	20	4435	0.31	0.31	0.06	0.33	0.26	0.33	0.32	0.28	0.18	0.20	0.18	0.33	0.00	0.9%
NC_1166	15	4410	0.77	0.76	0.08	0.76	0.75	0.73	0.78	0.58	0.36	0.41	0.36	0.78	0.02	2.5%
NC_1167	60	4565	2.04	2.01	0.27	2.04	1.42	1.59	1.82	2.04	2.00	1.68	1.53	2.04	0.00	0.1%
NC_1168	45	4541	6.76	6.69	0.24	6.70	3.90	4.75	6.67	7.19	6.17	5.51	5.10	7.19	0.48	7.2%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_1169	120	4623	1.19	1.18	0.11	1.18	0.42	0.57	0.97	1.12	1.25	1.17	1.14	1.25	0.07	6.1%
NC_1170	120	4623	0.67	0.67	0.07	0.67	0.25	0.33	0.56	0.64	0.71	0.67	0.65	0.71	0.04	5.4%
NC_1171	45	4539	0.23	0.22	0.04	0.22	0.14	0.21	0.22	0.23	0.18	0.17	0.17	0.23	0.01	6.4%
NC_1172	60	4565	0.39	0.39	0.08	0.40	0.20	0.29	0.32	0.40	0.33	0.29	0.30	0.40	0.00	0.3%
NC_1173	120	4626	1.82	1.76	0.16	1.79	0.83	1.04	1.43	1.58	1.88	1.79	1.72	1.88	0.09	5.2%
NC_1174	20	4435	0.49	0.48	0.09	0.51	0.43	0.51	0.50	0.43	0.28	0.30	0.28	0.51	0.00	0.0%
NC_1175	20	4435	0.37	0.37	0.07	0.38	0.36	0.38	0.39	0.30	0.19	0.21	0.19	0.39	0.01	1.3%
NC_1176	60	4565	0.91	0.90	0.15	0.93	0.41	0.57	0.74	0.93	0.83	0.73	0.69	0.93	0.00	0.0%
NC_1177	60	4573	6.90	6.98	0.64	7.16	3.82	4.72	6.82	7.38	6.41	5.79	5.34	7.38	0.22	3.1%
NC_1178	120	4626	1.89	1.84	0.15	1.87	0.78	0.99	1.50	1.68	1.95	1.87	1.83	1.95	0.08	4.0%
NC_1179	45	4536	0.22	0.21	0.04	0.21	0.15	0.22	0.21	0.22	0.17	0.16	0.16	0.22	0.01	6.2%
NC_1180	20	4435	0.35	0.36	0.07	0.37	0.33	0.37	0.37	0.30	0.19	0.20	0.18	0.37	0.00	-0.5%
NC_1181	20	4436	0.84	0.83	0.07	0.85	0.71	0.80	0.88	0.80	0.56	0.50	0.54	0.88	0.03	3.9%
NC_1182	45	4478	1.21	1.18	0.14	1.21	0.90	1.04	1.21	1.26	0.91	0.82	0.85	1.26	0.05	4.1%
NC_1183	60	4565	1.15	1.13	0.16	1.15	0.62	0.77	0.96	1.15	1.14	0.96	0.87	1.15	0.00	-0.2%
NC_1184	20	4436	0.41	0.41	0.05	0.41	0.34	0.40	0.43	0.38	0.26	0.24	0.25	0.43	0.02	5.4%
NC_1185	60	4568	0.81	0.81	0.11	0.82	0.33	0.45	0.71	0.80	0.85	0.71	0.63	0.85	0.03	3.5%
NC_1186	45	4536	0.23	0.21	0.04	0.22	0.16	0.24	0.22	0.23	0.16	0.16	0.16	0.24	0.02	10.0%
NC_1187	120	4626	2.01	1.95	0.17	1.97	0.84	1.08	1.63	1.81	2.08	1.97	1.93	2.08	0.11	5.6%
NC_1188	60	4568	1.63	1.64	0.20	1.65	0.73	0.97	1.42	1.64	1.68	1.40	1.27	1.68	0.03	1.7%
NC_1189	20	4435	0.34	0.33	0.07	0.36	0.29	0.36	0.35	0.30	0.20	0.21	0.19	0.36	0.00	0.0%
NC_1190	45	4478	4.54	4.44	0.35	4.46	3.27	3.72	4.55	4.81	3.67	3.30	3.22	4.81	0.35	7.9%
NC_1191	15	4412	0.79	0.78	0.08	0.78	0.77	0.77	0.80	0.61	0.39	0.43	0.38	0.80	0.02	3.1%
NC_1192	20	4436	1.94	1.91	0.21	1.95	1.60	1.86	2.06	1.88	1.32	1.22	1.27	2.06	0.11	5.4%
NC_1193	30	4513	2.89	2.90	0.19	2.91	2.22	2.42	2.94	3.00	2.20	1.98	1.98	3.00	0.09	3.1%
NC_1194	30	4509	12.89	12.96	1.23	13.06	11.14	11.39	13.68	12.78	8.99	8.16	8.43	13.68	0.62	4.7%
NC_1195	20	4434	1.12	1.08	0.16	1.08	0.92	1.08	1.15	0.97	0.65	0.62	0.63	1.15	0.07	6.3%
NC_1196	20	4435	0.90	0.87	0.14	0.88	0.72	0.88	0.90	0.78	0.51	0.49	0.51	0.90	0.02	2.0%
NC_1197	15	4409	0.47	0.47	0.05	0.47	0.47	0.45	0.48	0.35	0.21	0.25	0.21	0.48	0.01	1.3%
NC_1198	15	4409	0.62	0.61	0.06	0.61	0.61	0.58	0.62	0.45	0.28	0.33	0.27	0.62	0.01	2.0%
NC_1199	20	4440	6.91	6.95	0.42	7.07	6.16	6.41	7.35	6.77	4.79	4.38	4.57	7.35	0.28	4.0%
NC_1200	15	4409	0.62	0.61	0.06	0.61	0.61	0.59	0.63	0.46	0.28	0.33	0.28	0.63	0.02	2.5%
NC_1201	20	4440	5.71	5.74	0.35	5.84	5.09	5.31	6.06	5.65	4.03	3.68	3.86	6.06	0.22	3.8%
NC_1202	15	4410	0.74	0.73	0.08	0.74	0.72	0.70	0.75	0.56	0.35	0.40	0.34	0.75	0.01	1.1%
NC_1203	20	4435	1.12	1.09	0.15	1.11	0.91	1.11	1.11	1.01	0.69	0.66	0.67	1.11	0.00	0.4%
NC_1204	20	4436	1.21	1.17	0.16	1.18	1.00	1.15	1.25	1.04	0.69	0.67	0.68	1.25	0.07	5.7%
NC_1205	20	4434	0.89	0.88	0.13	0.91	0.79	0.86	0.91	0.72	0.46	0.48	0.45	0.91	0.00	-0.4%
NC_1206	15	4409	0.39	0.39	0.04	0.39	0.39	0.37	0.40	0.28	0.17	0.21	0.17	0.40	0.01	1.3%
NC_1207	15	4412	0.78	0.77	0.08	0.77	0.71	0.74	0.79	0.60	0.38	0.42	0.37	0.79	0.02	2.3%
NC_1208	15	4412	0.54	0.52	0.06	0.52	0.52	0.54	0.55	0.43	0.27	0.30	0.26	0.55	0.03	6.3%
NC_1209	20	4435	0.95	0.93	0.15	0.93	0.80	0.93	0.96	0.81	0.54	0.53	0.53	0.96	0.03	3.3%
NC_1210	20	4435	0.64	0.63	0.09	0.65	0.51	0.65	0.65	0.63	0.47	0.44	0.44	0.65	0.00	-0.3%
NC_1211	20	4434	1.75	1.69	0.24	1.71	1.47	1.66	1.80	1.50	1.01	0.97	0.99	1.80	0.09	5.4%
NC_1212	15	4410	1.05	1.05	0.10	1.07	0.92	0.98	1.07	0.84	0.54	0.57	0.53	1.07	0.00	-0.1%
NC_1213	20	4435	0.31	0.31	0.06	0.34	0.25	0.34	0.31	0.29	0.19	0.20	0.19	0.34	0.00	-1.2%
NC_1214	20	4435	0.33	0.34	0.06	0.35	0.32	0.35	0.35	0.27	0.17	0.19	0.17	0.35	0.00	0.0%
NC_1215	20	4440	8.02	8.08	0.46	8.20	7.16	7.44	8.58	7.90	5.57	5.08	5.31	8.58	0.38	4.6%
NC_1216	20	4440	2.29	2.29	0.20	2.35	2.00	2.07	2.48	2.18	1.55	1.39	1.48	2.48	0.13	5.3%
NC_1217	15	4409	0.38	0.37	0.04	0.37	0.37	0.38	0.39	0.30	0.18	0.21	0.18	0.39	0.02	5.9%
NC_1218	20	4435	0.74	0.72	0.10	0.75	0.59	0.75	0.73	0.68	0.45	0.45	0.44	0.75	-0.01	-0.7%
NC_1219	30	4513	2.29	2.30	0.20	2.30	1.83	1.93	2.38	2.36	1.72	1.54	1.56	2.38	0.08	3.3%
NC_1220	20	4434	1.69	1.66	0.22	1.70	1.42	1.61	1.69	1.38	0.89	0.89	0.88	1.69	-0.01	-0.4%
NC_1221	15	4409	0.42	0.42	0.05	0.42	0.42	0.41	0.43	0.32	0.20	0.23	0.19	0.43	0.01	2.9%
NC_1222	20	4436	1.40	1.38	0.17	1.39	1.19	1.29	1.47	1.21	0.81	0.79	0.80	1.47	0.08	5.5%
NC_1223	15	4410	0.75	0.75	0.08	0.75	0.71	0.71	0.76	0.57	0.36	0.40	0.35	0.76	0.01	1.7%
NC_1224	20	4435	0.47	0.45	0.09	0.49	0.39	0.49	0.47	0.42	0.29	0.29	0.28	0.49	0.00	0.0%
NC_1225	20	4436	1.25	1.23	0.13	1.25	1.04	1.20	1.31	1.21	0.85	0.78	0.82	1.31	0.06	5.0%
NC_1226	45	4542	1.02	0.99	0.13	1.03	0.82	0.99	1.04	1.02	0.76	0.69	0.71	1.04	0.01	1.4%
NC_1227	30	4509	14.40	14.51	1.12	14.65	11.88	12.43	15.03	14.48	10.32	9.33	9.50	15.03	0.38	2.6%
NC_1228	30	4509	16.15	16.29	1.06	16.45	12.99	13.74	16.72	16.37	11.73	10.60	10.69	16.72	0.27	1.6%
NC_1229	20	4440	2.20	2.22	0.17	2.27	1.99	1.97	2.35	1.97	1.31	1.24	1.30	2.35	0.08	3.5%
NC_1230	15	4410	0.86	0.85	0.09	0.85	0.78	0.83	0.88	0.68	0.43	0.46	0.42	0.88	0.03	2.9%
NC_1231	20	4434	1.35	1.32	0.17	1.33	1.14	1.26	1.37	1.11	0.73	0.73	0.72	1.37	0.04	3.1%
NC_1232	45	4536	0.44	0.41	0.07	0.41	0.29	0.44	0.41	0.44	0.35	0.32	0.32	0.44	0.03	7.1%
NC_1233	45	4542	2.16	2.12	0.31	2.18	1.61	1.87	2.19	2.20	1.70	1.50	1.55	2.20	0.01	0.7%
NC_1234	60	4565	1.74	1.75	0.33	1.77	1.15	1.46	1.68	1.77	1.38	1.22	1.27	1.77	0.00	0.0%
NC_1235	60	4565	1.31	1.29	0.18	1.32	0.83	0.96	1.12	1.32	1.24	1.06	0.98	1.32	0.00	0.1%
NC_1236	20	4444	0.30	0.29	0.06	0.32	0.23	0.32	0.30	0.28	0.18	0.19	0.18	0.32	0.00	0.0%
NC_1237	60	4565	1.76	1.76	0.20	1.78	1.23	1.49	1.57	1.78	1.71	1.44	1.29	1.78	0.00	0.2%
NC_1238	20	4435	0.49	0.48	0.07	0.49	0.39	0.49	0.50	0.46	0.32	0.30	0.31	0.50	0.01	1.8%
NC_1239	60	4565	2.23	2.19	0.28	2.26	1.66	2.00	2.14	2.26	2.03	1.73	1.63	2.26	0.00	-0.1%
NC_1240	60	4565	2.48	2.47	0.31	2.52	1.90	2.21	2.45	2.52	2.22	1.89	1.80	2.52	0.00	0.2%
NC_1241	20	4435	0.59	0.58	0.10	0.59	0.51	0.59	0.60	0.50	0.32	0.33	0.32	0.60	0.01	2.2%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_1242	20	4435	0.75	0.73	0.12	0.74	0.62	0.74	0.78	0.65	0.43	0.42	0.42	0.78	0.04	5.5%
NC_1243	20	4435	0.67	0.66	0.11	0.66	0.59	0.66	0.68	0.56	0.36	0.37	0.35	0.68	0.02	2.7%
NC_1244	20	4434	1.45	1.41	0.22	1.41	1.22	1.40	1.51	1.24	0.82	0.81	0.80	1.51	0.10	6.8%
NC_1245	20	4435	0.60	0.60	0.10	0.61	0.55	0.61	0.63	0.51	0.32	0.34	0.32	0.63	0.02	2.5%
NC_1246	15	4409	0.45	0.45	0.05	0.45	0.45	0.45	0.47	0.35	0.22	0.25	0.21	0.47	0.02	3.8%
NC_1247	15	4410	0.67	0.66	0.07	0.66	0.63	0.65	0.68	0.52	0.32	0.36	0.32	0.68	0.02	3.3%
NC_1248	20	4434	0.94	0.93	0.14	0.93	0.79	0.93	0.95	0.80	0.52	0.51	0.51	0.95	0.02	2.2%
NC_1249	60	4565	0.42	0.42	0.08	0.43	0.23	0.33	0.36	0.43	0.35	0.30	0.31	0.43	0.00	-0.7%
NC_1250	45	4536	2.12	2.09	0.31	2.15	1.58	1.86	2.15	2.14	1.66	1.47	1.52	2.15	0.00	-0.2%
NC_1251	45	4536	0.22	0.20	0.04	0.21	0.15	0.23	0.21	0.22	0.16	0.15	0.15	0.23	0.02	7.6%
NC_1252	45	4536	1.01	0.98	0.16	1.01	0.71	0.89	1.01	1.01	0.77	0.69	0.73	1.01	0.00	0.4%
NC_1253	60	4565	0.66	0.66	0.14	0.67	0.40	0.57	0.62	0.67	0.53	0.47	0.49	0.67	0.00	0.0%
NC_1254	45	4536	0.23	0.21	0.04	0.21	0.14	0.22	0.21	0.23	0.17	0.16	0.16	0.23	0.02	8.6%
NC_1255	60	4565	1.46	1.48	0.28	1.51	0.91	1.17	1.39	1.51	1.16	1.03	1.07	1.51	0.00	-0.1%
NC_1256	60	4565	1.90	1.91	0.32	1.98	1.08	1.34	1.68	1.98	1.62	1.43	1.42	1.98	0.00	-0.2%
NC_1257	60	4565	1.96	1.97	0.32	2.04	1.10	1.37	1.74	2.04	1.69	1.49	1.47	2.04	0.00	0.0%
NC_1258	20	4444	0.25	0.25	0.05	0.27	0.18	0.28	0.24	0.25	0.17	0.17	0.16	0.28	0.01	1.9%
NC_1259	60	4565	5.19	5.22	0.88	5.39	3.13	3.81	4.67	5.39	4.39	3.86	3.88	5.39	0.00	-0.1%
NC_1260	45	4536	0.35	0.33	0.06	0.34	0.25	0.37	0.34	0.35	0.25	0.25	0.24	0.37	0.03	9.1%
NC_1261	180	4659	104.82	105.67	8.26	107.41	39.13	48.76	77.93	88.29	97.48	102.45	107.41	107.41	0.00	0.0%
NC_1262	60	4565	0.39	0.38	0.07	0.40	0.19	0.28	0.33	0.40	0.33	0.28	0.29	0.40	0.00	-0.3%
NC_1263	15	4410	1.09	1.08	0.10	1.08	1.07	1.02	1.08	0.90	0.72	0.67	0.63	1.08	0.00	0.3%
NC_1264	60	4565	0.85	0.85	0.17	0.87	0.49	0.65	0.77	0.87	0.69	0.60	0.63	0.87	0.00	0.3%
NC_1265	60	4565	1.18	1.19	0.23	1.21	0.76	0.96	1.12	1.21	0.93	0.82	0.87	1.21	0.00	-0.3%
NC_1266	60	4565	2.21	2.23	0.41	2.29	1.29	1.65	2.02	2.29	1.80	1.59	1.63	2.29	0.00	0.0%
NC_1267	20	4444	0.25	0.25	0.05	0.27	0.18	0.27	0.24	0.25	0.17	0.17	0.17	0.27	0.00	1.5%
NC_1268	20	4444	0.29	0.28	0.06	0.31	0.23	0.31	0.29	0.26	0.17	0.18	0.17	0.31	0.00	-0.6%
NC_1269	60	4565	2.33	2.35	0.42	2.41	1.34	1.69	2.13	2.41	1.93	1.70	1.73	2.41	0.00	0.1%
NC_1270	20	4435	0.61	0.60	0.10	0.63	0.46	0.63	0.62	0.59	0.41	0.40	0.40	0.63	0.00	0.2%
NC_1271	60	4565	2.29	2.30	0.38	2.38	1.36	1.70	2.02	2.38	1.97	1.73	1.73	2.38	0.00	0.2%
NC_1272	45	4536	0.10	0.09	0.02	0.10	0.07	0.10	0.10	0.10	0.07	0.07	0.07	0.10	0.00	2.0%
NC_1273	90	4594	3.68	3.74	0.53	3.94	1.53	2.05	3.24	3.68	3.94	3.47	3.34	3.94	0.00	0.0%
NC_1274	20	4436	1.15	1.14	0.11	1.17	0.99	1.06	1.22	1.07	0.74	0.67	0.72	1.22	0.05	4.4%
NC_1275	30	4509	2.03	2.05	0.12	2.06	1.54	1.68	2.07	2.11	1.51	1.37	1.37	2.11	0.05	2.2%
NC_1276	20	4435	0.72	0.71	0.11	0.71	0.63	0.71	0.73	0.60	0.39	0.39	0.38	0.73	0.02	2.4%
NC_1277	45	4536	0.72	0.69	0.11	0.71	0.48	0.65	0.71	0.72	0.55	0.49	0.51	0.72	0.01	1.3%
NC_1278	15	4412	5.58	5.63	0.39	5.64	5.03	4.72	5.67	4.26	2.77	2.96	2.74	5.67	0.03	0.5%
NC_1279	15	4412	8.14	8.24	0.37	8.30	7.54	6.88	8.56	6.77	4.36	4.45	4.34	8.56	0.26	3.1%
NC_1280	10	4376	1.27	1.28	0.06	1.29	1.19	1.12	1.24	0.90	0.56	0.64	0.55	1.24	-0.05	-4.0%
NC_1281	15	4409	0.53	0.54	0.05	0.54	0.54	0.49	0.54	0.38	0.23	0.28	0.23	0.54	0.00	-0.4%
NC_1282	15	4409	0.37	0.36	0.04	0.36	0.36	0.36	0.38	0.28	0.17	0.20	0.17	0.38	0.02	5.0%
NC_1283	15	4411	5.36	5.43	0.41	5.48	4.80	4.66	5.41	4.08	2.63	2.82	2.60	5.41	-0.07	-1.3%
NC_1284	10	4376	0.86	0.87	0.04	0.88	0.82	0.78	0.86	0.62	0.38	0.45	0.38	0.86	-0.02	-2.5%
NC_1285	15	4409	0.44	0.44	0.05	0.44	0.44	0.44	0.46	0.35	0.21	0.25	0.21	0.46	0.02	4.1%
NC_1286	15	4409	0.37	0.36	0.04	0.37	0.37	0.37	0.38	0.28	0.17	0.20	0.17	0.38	0.01	3.0%
NC_1287	20	4435	0.34	0.34	0.06	0.35	0.32	0.35	0.35	0.27	0.17	0.19	0.17	0.35	0.00	0.3%
NC_1288	15	4412	1.11	1.10	0.11	1.11	1.04	1.04	1.12	0.85	0.54	0.59	0.53	1.12	0.01	0.7%
NC_1289	15	4409	0.34	0.33	0.04	0.33	0.33	0.34	0.35	0.27	0.16	0.19	0.16	0.35	0.02	6.4%
NC_1290	20	4435	0.63	0.62	0.11	0.63	0.53	0.63	0.64	0.53	0.34	0.35	0.34	0.64	0.01	1.0%
NC_1291	20	4435	0.39	0.39	0.07	0.40	0.37	0.40	0.40	0.32	0.20	0.22	0.20	0.40	0.00	0.8%
NC_1292	20	4435	0.42	0.41	0.08	0.44	0.34	0.44	0.43	0.38	0.25	0.26	0.24	0.44	0.00	0.2%
NC_1293	20	4435	0.66	0.64	0.11	0.68	0.54	0.68	0.66	0.60	0.40	0.40	0.39	0.68	0.00	-0.6%
NC_1294	20	4436	0.96	0.94	0.12	0.94	0.79	0.94	0.99	0.89	0.63	0.58	0.61	0.99	0.05	5.5%
NC_1295	20	4435	0.31	0.31	0.06	0.32	0.28	0.32	0.32	0.26	0.17	0.18	0.16	0.32	0.00	1.3%
NC_1296	20	4436	2.43	2.36	0.30	2.41	2.00	2.27	2.57	2.18	1.49	1.40	1.46	2.57	0.16	6.6%
NC_1297	30	4513	3.40	3.40	0.28	3.41	2.59	2.85	3.47	3.53	2.57	2.31	2.36	3.53	0.12	3.5%
NC_1298	15	4409	0.38	0.37	0.04	0.38	0.38	0.37	0.39	0.29	0.18	0.21	0.17	0.39	0.01	2.6%
NC_1299	20	4435	0.34	0.35	0.06	0.35	0.33	0.35	0.36	0.28	0.17	0.19	0.17	0.36	0.01	2.0%
NC_1300	20	4435	0.37	0.37	0.07	0.38	0.35	0.38	0.39	0.30	0.19	0.21	0.19	0.39	0.01	1.6%
NC_1301	90	4597	14.73	14.79	2.10	15.65	8.11	9.40	13.04	15.67	15.97	14.22	13.15	15.97	0.32	2.0%
NC_1302	15	4409	0.38	0.38	0.04	0.38	0.38	0.38	0.40	0.30	0.18	0.21	0.18	0.40	0.02	4.5%
NC_1303	20	4436	0.50	0.49	0.06	0.49	0.41	0.49	0.51	0.46	0.31	0.29	0.30	0.51	0.02	4.9%
NC_1304	30	4513	3.08	3.08	0.31	3.09	2.46	2.68	3.20	3.17	2.27	2.04	2.12	3.20	0.11	3.5%
NC_1305	15	4409	0.37	0.36	0.04	0.36	0.36	0.38	0.39	0.30	0.18	0.21	0.18	0.39	0.03	7.5%
NC_1306	20	4434	0.65	0.65	0.10	0.66	0.59	0.64	0.67	0.53	0.34	0.36	0.33	0.67	0.01	0.9%
NC_1307	20	4434	0.99	0.97	0.14	0.97	0.85	0.96	1.02	0.84	0.55	0.55	0.54	1.02	0.05	4.9%
NC_1308	15	4409	0.35	0.34	0.04	0.35	0.35	0.35	0.37	0.28	0.17	0.20	0.17	0.37	0.02	4.3%
NC_1309	20	4434	0.61	0.61	0.10	0.62	0.56	0.60	0.62	0.48	0.30	0.33	0.30	0.62	0.00	0.2%
NC_1310	20	4436	3.25	3.22	0.36	3.32	2.78	2.95	3.51	2.94	2.02	1.89	1.97	3.51	0.19	5.8%
NC_1311	20	4436	2.45	2.38	0.30	2.44	2.02	2.29	2.60	2.21	1.51	1.42	1.48	2.60	0.16	6.5%
NC_1312	20	4435	0.69	0.67	0.10	0.69	0.56	0.69	0.69	0.60	0.39	0.39	0.38	0.69	0.00	0.1%
NC_1313	20	4435	0.84	0.83	0.13	0.83	0.72	0.83	0.85	0.70	0.45	0.45	0.45	0.85	0.02	2.0%
NC_1314	15	4409	0.36	0.35	0.04	0.35	0.35	0.36	0.37	0.28	0.17	0.20	0.17	0.37	0.02	6.6%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_1315	20	4435	0.37	0.37	0.07	0.38	0.35	0.38	0.38	0.30	0.19	0.21	0.19	0.38	0.00	0.5%
NC_1316	20	4435	0.37	0.37	0.07	0.38	0.35	0.38	0.38	0.31	0.20	0.21	0.19	0.38	0.00	1.1%
NC_1317	20	4435	1.33	1.28	0.19	1.30	1.06	1.30	1.37	1.18	0.80	0.76	0.78	1.37	0.06	5.0%
NC_1318	15	4409	0.42	0.41	0.05	0.41	0.41	0.42	0.43	0.34	0.21	0.23	0.21	0.43	0.02	5.9%
NC_1319	60	4573	4.39	4.39	0.04	4.39	2.80	3.15	4.20	4.43	4.35	4.42	3.89	4.43	0.04	0.9%
NC_1320	20	4434	0.74	0.73	0.11	0.74	0.66	0.72	0.75	0.60	0.38	0.40	0.37	0.75	0.01	1.5%
NC_1321	30	4509	3.58	3.61	0.19	3.63	2.76	3.02	3.65	3.76	2.85	2.57	2.52	3.76	0.13	3.6%
NC_1322	30	4509	3.56	3.59	0.18	3.61	2.71	2.98	3.65	3.77	2.87	2.61	2.54	3.77	0.16	4.5%
NC_1323	20	4444	0.20	0.20	0.04	0.22	0.16	0.22	0.20	0.18	0.12	0.13	0.12	0.22	0.00	-0.5%
NC_1324	60	4568	11.34	11.65	1.07	11.82	7.44	8.61	10.96	12.00	10.63	9.32	8.53	12.00	0.18	1.5%
NC_1325	45	4478	3.39	3.28	0.40	3.29	2.45	2.89	3.28	3.53	2.83	2.50	2.49	3.53	0.24	7.1%
NC_1326	20	4444	0.22	0.22	0.04	0.24	0.16	0.24	0.22	0.21	0.14	0.15	0.13	0.24	0.00	0.8%
NC_1327	60	4565	3.39	3.48	0.38	3.54	2.17	2.52	3.14	3.54	3.13	2.72	2.53	3.54	0.00	0.1%
NC_1328	20	4436	0.52	0.50	0.07	0.50	0.43	0.50	0.53	0.45	0.30	0.29	0.30	0.53	0.03	5.4%
NC_1329	20	4435	0.36	0.36	0.07	0.38	0.31	0.38	0.37	0.32	0.21	0.22	0.21	0.38	0.00	0.5%
NC_1330	45	4541	1.49	1.42	0.19	1.42	1.04	1.24	1.40	1.56	1.24	1.09	1.10	1.56	0.14	9.6%
NC_1331	45	4478	0.44	0.42	0.07	0.43	0.31	0.40	0.43	0.44	0.34	0.30	0.32	0.44	0.01	1.4%
NC_1332	20	4444	0.33	0.33	0.06	0.36	0.24	0.36	0.32	0.33	0.23	0.23	0.22	0.36	0.00	0.0%
NC_1333	60	4565	2.53	2.54	0.31	2.63	1.80	2.06	2.31	2.64	2.31	2.00	1.86	2.64	0.00	0.2%
NC_1334	60	4565	1.81	1.81	0.27	1.87	1.08	1.31	1.60	1.87	1.62	1.42	1.35	1.87	0.00	0.2%
NC_1335	45	4542	2.70	2.64	0.39	2.73	2.18	2.48	2.81	2.69	2.07	1.85	1.93	2.81	0.08	2.7%
NC_1336	20	4436	1.96	1.95	0.19	2.00	1.68	1.78	2.11	1.89	1.43	1.28	1.33	2.11	0.11	5.4%
NC_1337	45	4542	4.34	4.18	0.61	4.33	3.64	3.94	4.60	4.37	3.24	2.89	3.03	4.60	0.27	6.3%
NC_1338	20	4435	0.91	0.89	0.15	0.93	0.74	0.93	0.91	0.83	0.56	0.55	0.55	0.93	0.00	-0.2%
NC_1339	60	4565	0.46	0.46	0.09	0.47	0.27	0.38	0.40	0.47	0.40	0.34	0.35	0.47	0.00	0.4%
NC_1340	20	4435	0.31	0.31	0.06	0.33	0.27	0.33	0.32	0.27	0.17	0.19	0.17	0.33	0.00	-1.2%
NC_1341	20	4435	0.69	0.68	0.10	0.71	0.54	0.71	0.69	0.69	0.52	0.49	0.48	0.71	0.00	0.3%
NC_1342	45	4539	0.35	0.34	0.05	0.34	0.23	0.33	0.33	0.35	0.28	0.26	0.26	0.35	0.01	3.5%
NC_1343	45	4542	1.34	1.30	0.20	1.36	1.06	1.32	1.38	1.33	1.02	0.93	0.95	1.38	0.02	1.4%
NC_1344	20	4435	0.42	0.41	0.08	0.45	0.31	0.45	0.40	0.41	0.29	0.29	0.28	0.45	0.00	-0.9%
NC_1345	45	4536	0.22	0.21	0.04	0.21	0.16	0.24	0.21	0.22	0.16	0.16	0.15	0.24	0.03	12.9%
NC_1346	20	4444	0.27	0.27	0.05	0.29	0.20	0.30	0.27	0.26	0.17	0.18	0.17	0.30	0.01	2.1%
NC_1347	45	4542	1.41	1.34	0.24	1.41	1.07	1.44	1.45	1.40	1.01	0.95	0.96	1.45	0.04	3.0%
NC_1348	20	4435	0.32	0.32	0.06	0.33	0.30	0.33	0.33	0.26	0.16	0.18	0.16	0.33	0.00	0.9%
NC_1349	20	4435	0.95	0.93	0.15	0.95	0.77	0.95	0.95	0.84	0.56	0.55	0.54	0.95	0.00	-0.1%
NC_1350	20	4436	4.73	4.71	0.48	4.85	3.99	4.33	5.17	4.62	3.31	2.98	3.19	5.17	0.32	6.6%
NC_1351	20	4435	0.66	0.65	0.11	0.67	0.55	0.67	0.66	0.57	0.37	0.37	0.37	0.67	0.00	-0.6%
NC_1352	20	4435	0.40	0.40	0.07	0.41	0.38	0.41	0.42	0.33	0.21	0.23	0.21	0.42	0.01	1.7%
NC_1353	20	4435	0.33	0.34	0.07	0.35	0.31	0.35	0.35	0.29	0.18	0.20	0.18	0.35	0.00	0.3%
NC_1354	20	4435	0.96	0.93	0.15	0.96	0.76	0.96	0.95	0.85	0.57	0.56	0.56	0.96	-0.01	-0.5%
NC_1355	20	4435	0.64	0.63	0.11	0.65	0.54	0.65	0.65	0.55	0.36	0.36	0.35	0.65	0.00	-0.5%
NC_1356	45	4542	4.94	4.64	0.80	4.78	4.24	4.45	5.43	4.91	3.53	3.17	3.37	5.43	0.65	13.5%
NC_1357	15	4409	0.23	0.23	0.03	0.23	0.23	0.23	0.24	0.18	0.11	0.13	0.11	0.24	0.01	5.2%
NC_1358	20	4436	1.31	1.27	0.16	1.30	1.09	1.24	1.37	1.19	0.82	0.74	0.80	1.37	0.06	5.0%
NC_1359	20	4435	0.37	0.38	0.07	0.38	0.36	0.38	0.39	0.31	0.19	0.21	0.19	0.39	0.01	2.4%
NC_1360	20	4435	0.66	0.65	0.11	0.66	0.57	0.66	0.67	0.56	0.37	0.37	0.36	0.67	0.01	2.0%
NC_1361	120	4623	2.20	2.16	0.19	2.17	0.97	1.27	1.92	2.15	2.32	2.15	2.08	2.32	0.15	7.1%
NC_1362	20	4436	1.52	1.47	0.19	1.50	1.25	1.43	1.60	1.38	0.95	0.88	0.93	1.60	0.10	6.3%
NC_1363	20	4435	1.28	1.23	0.19	1.26	1.01	1.26	1.30	1.13	0.77	0.73	0.75	1.30	0.04	2.9%
NC_1364	20	4435	0.56	0.55	0.09	0.56	0.48	0.56	0.57	0.46	0.30	0.31	0.29	0.57	0.01	1.1%
NC_1365	20	4436	3.38	3.35	0.36	3.45	2.88	3.08	3.64	3.10	2.15	1.97	2.09	3.64	0.19	5.6%
NC_1366	20	4436	2.08	2.01	0.26	2.06	1.72	1.97	2.18	1.88	1.29	1.19	1.26	2.18	0.12	5.9%
NC_1367	20	4435	1.01	0.97	0.14	0.98	0.81	0.98	1.03	0.88	0.60	0.56	0.58	1.03	0.05	5.3%
NC_1368	60	4565	1.52	1.49	0.21	1.53	1.14	1.40	1.47	1.53	1.32	1.15	1.12	1.53	0.00	-0.1%
NC_1369	15	4409	0.34	0.33	0.04	0.33	0.33	0.34	0.35	0.27	0.17	0.19	0.16	0.35	0.02	6.4%
NC_1370	20	4435	0.73	0.71	0.12	0.73	0.61	0.73	0.73	0.64	0.42	0.42	0.41	0.73	0.00	0.3%
NC_1371	180	4659	15.20	15.20	2.65	15.26	4.38	5.12	8.68	10.77	13.93	15.08	15.26	15.26	0.00	0.0%
NC_1372	20	4435	0.76	0.74	0.12	0.76	0.64	0.76	0.78	0.67	0.45	0.44	0.44	0.78	0.02	2.6%
NC_1373	180	4659	12.07	11.76	2.25	11.89	2.55	3.43	7.18	8.95	11.59	12.05	11.89	12.05	0.16	1.3%
NC_1374	15	4409	0.23	0.22	0.03	0.22	0.22	0.23	0.24	0.18	0.11	0.13	0.11	0.24	0.02	8.2%
NC_1375	20	4435	0.44	0.43	0.08	0.46	0.37	0.46	0.45	0.39	0.26	0.26	0.25	0.46	0.00	-0.4%
NC_1376	20	4435	0.87	0.85	0.14	0.86	0.73	0.86	0.88	0.76	0.51	0.49	0.49	0.88	0.02	2.8%
NC_1377	45	4536	0.32	0.30	0.05	0.31	0.22	0.33	0.31	0.33	0.24	0.23	0.23	0.33	0.02	7.1%
NC_1378	20	4444	0.27	0.27	0.05	0.29	0.20	0.29	0.26	0.26	0.18	0.18	0.17	0.29	0.00	0.7%
NC_1379	45	4536	1.30	1.28	0.18	1.31	1.01	1.17	1.31	1.31	1.05	0.92	0.94	1.31	0.00	0.2%
NC_1380	20	4436	1.52	1.48	0.20	1.49	1.26	1.43	1.58	1.37	0.97	0.90	0.93	1.58	0.09	6.1%
NC_1381	20	4444	0.29	0.29	0.06	0.32	0.22	0.32	0.28	0.29	0.20	0.20	0.19	0.32	0.00	-0.3%
NC_1382	20	4435	0.47	0.48	0.09	0.49	0.44	0.49	0.49	0.40	0.25	0.27	0.25	0.49	0.00	0.0%
NC_1383	20	4436	0.87	0.85	0.10	0.86	0.72	0.84	0.91	0.82	0.58	0.53	0.56	0.91	0.05	5.3%
NC_1384	20	4435	0.64	0.63	0.11	0.65	0.53	0.65	0.65	0.56	0.37	0.37	0.36	0.65	0.00	-0.3%
NC_1385	15	4409	0.41	0.41	0.04	0.42	0.42	0.40	0.42	0.31	0.19	0.23	0.18	0.42	0.00	0.7%
NC_1386	90	4594	9.09	9.31	1.33	9.80	4.35	5.20	8.01	9.01	9.80	8.73	8.13	9.80	0.00	0.0%
NC_1387	20	4436	0.95	0.94	0.11	0.94	0.80	0.93	0.98	0.92	0.68	0.62	0.63	0.98	0.04	3.9%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_1388	60	4565	1.14	1.15	0.15	1.20	0.77	0.90	1.04	1.20	1.02	0.89	0.84	1.20	0.00	-0.3%
NC_1389	20	4435	0.30	0.30	0.06	0.32	0.26	0.32	0.31	0.27	0.17	0.19	0.17	0.32	0.00	1.3%
NC_1390	20	4435	1.19	1.16	0.19	1.18	0.99	1.18	1.20	1.03	0.68	0.66	0.67	1.20	0.02	1.8%
NC_1391	20	4435	0.38	0.38	0.07	0.39	0.35	0.39	0.39	0.32	0.20	0.22	0.20	0.39	0.00	0.5%
NC_1392	20	4435	0.56	0.56	0.10	0.57	0.49	0.57	0.58	0.48	0.31	0.31	0.30	0.58	0.01	0.9%
NC_1393	90	4594	12.83	13.11	1.87	13.82	7.07	8.36	11.85	13.05	13.82	12.19	11.39	13.82	0.00	0.0%
NC_1394	60	4569	3.65	3.74	0.38	3.75	2.56	2.87	3.58	3.80	3.52	2.97	2.74	3.80	0.05	1.4%
NC_1395	60	4565	3.67	3.74	0.40	3.79	2.68	2.96	3.61	3.79	3.51	2.93	2.70	3.79	0.00	0.1%
NC_1396	45	4539	0.78	0.75	0.11	0.76	0.57	0.69	0.77	0.80	0.62	0.54	0.58	0.80	0.04	5.1%
NC_1397	15	4409	0.42	0.41	0.05	0.41	0.41	0.43	0.44	0.34	0.21	0.24	0.21	0.44	0.03	7.8%
NC_1398	20	4436	0.99	0.98	0.10	1.01	0.86	0.93	1.04	0.90	0.60	0.56	0.60	1.04	0.03	2.8%
NC_1399	15	4409	0.37	0.36	0.04	0.36	0.36	0.38	0.39	0.30	0.19	0.21	0.18	0.39	0.03	7.2%
NC_1400	20	4435	0.34	0.34	0.07	0.36	0.31	0.36	0.35	0.29	0.18	0.20	0.18	0.36	0.00	-1.1%
NC_1401	15	4410	0.53	0.53	0.05	0.54	0.46	0.49	0.54	0.42	0.27	0.29	0.26	0.54	0.00	0.6%
NC_1402	15	4410	0.03	0.03	0.00	0.03	0.03	0.03	0.03	0.02	0.01	0.01	0.01	0.03	0.00	0.0%
NC_1403	20	4435	0.51	0.50	0.07	0.51	0.41	0.51	0.50	0.48	0.34	0.33	0.33	0.51	0.00	0.2%
NC_1404	20	4434	0.84	0.82	0.11	0.82	0.72	0.81	0.86	0.75	0.52	0.49	0.50	0.86	0.04	4.6%
NC_1405	30	4513	1.08	1.08	0.11	1.09	0.89	1.04	1.12	1.09	0.73	0.70	0.71	1.12	0.02	2.3%
NC_1406	15	4409	0.03	0.03	0.00	0.03	0.03	0.03	0.03	0.02	0.01	0.02	0.01	0.03	0.00	0.0%
NC_1407	20	4444	0.11	0.11	0.03	0.12	0.08	0.13	0.12	0.10	0.06	0.07	0.06	0.13	0.01	4.2%
NC_1408	20	4435	0.87	0.85	0.14	0.87	0.70	0.87	0.88	0.77	0.52	0.50	0.51	0.88	0.01	0.8%
NC_1409	20	4435	0.47	0.48	0.09	0.49	0.43	0.49	0.49	0.41	0.27	0.28	0.26	0.49	0.00	0.8%
NC_1410	15	4409	0.39	0.39	0.04	0.39	0.39	0.39	0.41	0.30	0.19	0.22	0.18	0.41	0.02	4.1%
NC_1411	15	4412	0.80	0.79	0.09	0.79	0.77	0.79	0.83	0.65	0.41	0.44	0.40	0.83	0.03	4.4%
NC_1412	20	4436	0.90	0.91	0.08	0.94	0.79	0.82	0.97	0.82	0.56	0.52	0.55	0.97	0.03	3.0%
NC_1413	15	4409	0.17	0.17	0.02	0.17	0.17	0.17	0.18	0.13	0.08	0.10	0.08	0.18	0.01	5.3%
NC_1414	15	4409	0.43	0.43	0.05	0.44	0.44	0.41	0.44	0.32	0.19	0.23	0.19	0.44	0.00	0.0%
NC_1415	20	4440	2.16	2.18	0.13	2.21	1.95	1.98	2.29	2.02	1.37	1.24	1.32	2.29	0.08	3.6%
NC_1416	20	4434	1.00	0.98	0.12	0.99	0.87	0.94	1.04	0.88	0.61	0.57	0.59	1.04	0.04	4.5%
NC_1417	20	4436	1.54	1.54	0.13	1.58	1.37	1.42	1.62	1.39	0.96	0.86	0.93	1.62	0.04	2.4%
NC_1418	15	4409	0.46	0.46	0.04	0.47	0.47	0.42	0.46	0.32	0.20	0.24	0.19	0.47	0.00	-0.6%
NC_1419	30	4509	2.18	2.20	0.18	2.22	1.89	1.93	2.28	2.15	1.46	1.33	1.36	2.28	0.06	2.6%
NC_1420	30	4509	4.34	4.36	0.46	4.37	3.83	4.03	4.64	4.27	2.88	2.65	2.74	4.64	0.27	6.3%
NC_1421	180	4658	22.74	22.46	3.19	22.72	11.91	14.48	21.60	23.74	23.55	23.25	22.20	23.74	1.02	4.5%
NC_1422	10	4376	0.94	0.95	0.05	0.96	0.90	0.81	0.91	0.65	0.40	0.47	0.38	0.91	-0.05	-5.0%
NC_1423	15	4410	2.68	2.71	0.22	2.76	2.37	2.44	2.74	2.23	1.49	1.45	1.46	2.74	-0.02	-0.9%
NC_1424	20	4444	0.24	0.24	0.05	0.26	0.18	0.26	0.23	0.24	0.16	0.17	0.16	0.26	0.00	1.5%
NC_1425	90	4594	16.15	16.35	1.97	17.07	8.16	9.89	14.83	16.42	17.07	16.31	15.57	17.07	0.00	0.0%
NC_1426	20	4435	0.99	0.96	0.14	0.97	0.79	0.97	0.99	0.89	0.60	0.57	0.59	0.99	0.02	2.1%
NC_1427	15	4410	2.14	2.17	0.18	2.21	1.88	1.89	2.16	1.63	1.05	1.12	1.04	2.16	-0.05	-2.4%
NC_1428	10	4376	1.14	1.16	0.05	1.16	1.07	0.98	1.11	0.79	0.49	0.57	0.48	1.11	-0.05	-4.6%
NC_1429	15	4410	0.88	0.88	0.08	0.89	0.88	0.78	0.86	0.60	0.38	0.45	0.36	0.88	-0.01	-0.7%
NC_1430	15	4410	0.90	0.89	0.09	0.89	0.88	0.83	0.90	0.66	0.40	0.47	0.40	0.90	0.01	0.9%
NC_1431	10	4376	1.04	1.05	0.05	1.06	1.00	0.91	1.02	0.72	0.45	0.52	0.44	1.02	-0.04	-4.1%
NC_1432	15	4410	1.44	1.44	0.13	1.46	1.27	1.34	1.47	1.14	0.73	0.77	0.72	1.47	0.01	0.5%
NC_1433	15	4412	5.21	5.24	0.33	5.26	4.64	4.47	5.39	4.22	2.76	2.83	2.74	5.39	0.13	2.4%
NC_1434	20	4440	8.22	8.24	0.72	8.40	7.46	7.25	8.75	7.27	4.89	4.62	4.79	8.75	0.35	4.2%
NC_1435	20	4436	1.71	1.72	0.14	1.77	1.52	1.57	1.82	1.55	1.04	0.97	1.03	1.82	0.04	2.5%
NC_1436	20	4435	0.42	0.41	0.08	0.45	0.34	0.45	0.42	0.39	0.26	0.27	0.25	0.45	-0.01	-1.1%
NC_1437	15	4409	0.40	0.40	0.05	0.40	0.40	0.40	0.42	0.31	0.19	0.22	0.19	0.42	0.02	4.2%
NC_1438	15	4410	0.91	0.91	0.09	0.91	0.90	0.86	0.92	0.68	0.42	0.49	0.42	0.92	0.01	1.0%
NC_1439	45	4536	0.22	0.20	0.04	0.21	0.15	0.22	0.21	0.22	0.16	0.16	0.15	0.22	0.01	6.7%
NC_1440	15	4410	1.23	1.22	0.12	1.24	1.09	1.15	1.26	0.99	0.64	0.66	0.63	1.26	0.01	1.2%
NC_1441	15	4409	0.40	0.39	0.04	0.40	0.40	0.38	0.40	0.29	0.18	0.21	0.17	0.40	0.00	0.8%
NC_1442	20	4434	0.68	0.68	0.11	0.69	0.63	0.67	0.70	0.55	0.35	0.38	0.34	0.70	0.01	1.6%
NC_1443	20	4440	7.04	7.05	0.55	7.18	6.27	6.25	7.64	6.64	4.56	4.10	4.42	7.64	0.46	6.4%
NC_1444	15	4409	0.38	0.38	0.04	0.38	0.38	0.37	0.39	0.28	0.17	0.21	0.17	0.39	0.01	2.6%
NC_1445	15	4409	0.41	0.40	0.05	0.40	0.40	0.40	0.42	0.31	0.19	0.22	0.19	0.42	0.02	4.2%
NC_1446	20	4440	3.25	3.26	0.26	3.31	2.93	2.87	3.52	3.13	2.30	2.04	2.15	3.52	0.21	6.5%
NC_1447	15	4409	0.37	0.36	0.04	0.36	0.36	0.36	0.38	0.28	0.17	0.20	0.17	0.38	0.02	5.3%
NC_1448	120	4626	15.44	15.90	1.50	16.04	9.02	10.70	14.33	16.09	16.32	16.04	15.17	16.32	0.28	1.7%
NC_1449	15	4412	1.10	1.08	0.11	1.08	0.99	1.05	1.12	0.87	0.55	0.59	0.55	1.12	0.04	3.3%
NC_1450	15	4409	0.48	0.48	0.05	0.48	0.48	0.46	0.49	0.36	0.22	0.26	0.21	0.49	0.01	1.7%
NC_1451	15	4409	0.45	0.44	0.05	0.44	0.44	0.46	0.47	0.37	0.23	0.25	0.23	0.47	0.03	7.3%
NC_1452	15	4409	0.41	0.40	0.05	0.40	0.40	0.42	0.43	0.33	0.21	0.23	0.21	0.43	0.03	7.5%
NC_1453	15	4409	0.39	0.38	0.04	0.39	0.39	0.39	0.40	0.30	0.19	0.22	0.18	0.40	0.01	3.3%
NC_1454	20	4434	1.11	1.10	0.16	1.12	0.99	1.07	1.12	0.90	0.57	0.59	0.56	1.12	0.00	0.1%
NC_1455	60	4565	1.01	1.00	0.17	1.03	0.56	0.77	0.82	1.03	0.92	0.80	0.77	1.03	0.00	0.3%
NC_1456	20	4435	0.30	0.29	0.06	0.32	0.24	0.32	0.30	0.27	0.17	0.19	0.17	0.32	0.00	-0.9%
NC_1457	60	4565	0.32	0.32	0.06	0.32	0.19	0.29	0.29	0.32	0.26	0.23	0.24	0.32	0.00	-0.3%
NC_1458	20	4434	0.75	0.75	0.12	0.76	0.72	0.75	0.77	0.61	0.39	0.42	0.38	0.77	0.01	1.6%
NC_1459	45	4536	0.24	0.22	0.04	0.23	0.16	0.25	0.23	0.24	0.17	0.17	0.16	0.25	0.02	7.8%
NC_1460	60	4565	0.82	0.82	0.14	0.85	0.55	0.68	0.74	0.85	0.70	0.62	0.62	0.85	0.00	0.5%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_1461	45	4539	1.07	1.04	0.14	1.05	0.80	0.97	1.03	1.08	0.89	0.77	0.79	1.08	0.03	2.9%
NC_1462	45	4536	1.21	1.20	0.16	1.21	0.94	1.11	1.21	1.22	1.00	0.88	0.89	1.22	0.01	0.9%
NC_1463	20	4436	3.63	3.56	0.38	3.60	3.02	3.52	3.78	3.50	2.59	2.37	2.37	3.78	0.18	5.0%
NC_1464	20	4435	0.36	0.36	0.07	0.37	0.34	0.37	0.38	0.29	0.18	0.20	0.18	0.38	0.01	1.4%
NC_1465	30	4509	5.57	5.54	0.75	5.57	4.84	4.95	6.05	5.59	4.15	3.68	3.84	6.05	0.48	8.7%
NC_1466	15	4409	0.38	0.37	0.04	0.38	0.38	0.39	0.40	0.30	0.19	0.21	0.18	0.40	0.02	4.7%
NC_1467	20	4435	0.34	0.35	0.06	0.35	0.33	0.35	0.36	0.28	0.17	0.19	0.17	0.36	0.01	2.3%
NC_1468	20	4435	0.36	0.37	0.07	0.37	0.35	0.37	0.38	0.30	0.19	0.21	0.18	0.38	0.01	2.7%
NC_1469	20	4434	0.85	0.84	0.13	0.85	0.75	0.83	0.86	0.69	0.44	0.46	0.44	0.86	0.01	0.8%
NC_1470	15	4409	0.38	0.37	0.04	0.37	0.37	0.38	0.39	0.30	0.19	0.21	0.18	0.39	0.02	5.9%
NC_1471	20	4434	0.89	0.88	0.13	0.89	0.79	0.88	0.91	0.73	0.47	0.48	0.46	0.91	0.02	1.8%
NC_1472	15	4409	0.34	0.34	0.04	0.34	0.34	0.35	0.36	0.27	0.17	0.19	0.17	0.36	0.02	5.9%
NC_1473	15	4409	0.36	0.36	0.04	0.36	0.36	0.36	0.38	0.28	0.17	0.20	0.17	0.38	0.02	4.4%
NC_1474	15	4409	0.39	0.38	0.04	0.38	0.38	0.38	0.40	0.29	0.18	0.21	0.18	0.40	0.02	4.5%
NC_1475	20	4435	0.58	0.58	0.10	0.59	0.54	0.59	0.60	0.48	0.31	0.33	0.30	0.60	0.01	1.2%
NC_1476	15	4409	0.24	0.24	0.03	0.25	0.25	0.24	0.25	0.18	0.11	0.13	0.11	0.25	0.00	0.4%
NC_1477	20	4435	0.64	0.63	0.11	0.65	0.54	0.65	0.65	0.55	0.36	0.36	0.35	0.65	0.00	0.0%
NC_1478	180	4667	10.40	10.46	0.45	10.52	4.69	5.56	7.76	8.46	9.30	10.35	10.85	10.85	0.33	3.1%
NC_1479	60	4565	0.71	0.70	0.14	0.72	0.36	0.55	0.58	0.72	0.64	0.55	0.54	0.72	-0.01	-0.7%
NC_1480	60	4565	2.01	1.96	0.35	2.04	0.82	1.24	1.60	2.04	1.85	1.59	1.53	2.04	0.00	0.1%
NC_1481	60	4565	2.39	2.33	0.41	2.41	0.95	1.43	1.90	2.41	2.23	1.91	1.82	2.41	0.00	0.1%
NC_1482	60	4565	6.98	7.04	1.14	7.23	4.08	5.04	6.30	7.23	6.02	5.28	5.24	7.23	0.00	0.0%
NC_1483	60	4565	1.31	1.33	0.25	1.36	0.75	0.98	1.20	1.36	1.06	0.94	0.97	1.36	0.00	0.1%
NC_1484	60	4565	0.32	0.31	0.06	0.31	0.19	0.28	0.29	0.31	0.26	0.23	0.24	0.31	0.00	1.0%
NC_1485	45	4536	0.52	0.48	0.09	0.50	0.37	0.54	0.50	0.52	0.39	0.38	0.36	0.54	0.04	7.2%
NC_1486	60	4565	0.31	0.30	0.06	0.31	0.18	0.27	0.28	0.31	0.25	0.22	0.23	0.31	-0.01	-1.6%
NC_1487	30	4509	2.92	2.93	0.21	2.94	2.27	2.41	2.99	3.00	2.16	1.94	1.98	3.00	0.06	2.2%
NC_1488	45	4478	1.70	1.65	0.18	1.66	1.38	1.55	1.71	1.77	1.41	1.25	1.22	1.77	0.11	6.7%
NC_1489	90	4594	9.13	9.39	1.42	9.91	1.02	2.50	6.92	8.38	9.91	8.51	7.93	9.91	0.00	0.0%
NC_1490	60	4565	0.44	0.43	0.09	0.43	0.25	0.37	0.38	0.43	0.37	0.32	0.33	0.43	0.00	0.7%
NC_1491	20	4440	2.53	2.53	0.24	2.60	2.22	2.27	2.74	2.32	1.61	1.46	1.56	2.74	0.14	5.2%
NC_1492	15	4412	8.14	8.25	0.37	8.33	7.50	6.85	8.56	6.72	4.34	4.43	4.34	8.56	0.23	2.7%
NC_1493	60	4565	11.11	11.28	1.14	11.42	9.12	9.59	11.32	11.42	11.41	10.06	9.33	11.42	0.00	0.0%
NC_1494	20	4435	0.89	0.88	0.14	0.88	0.77	0.88	0.90	0.75	0.49	0.49	0.48	0.90	0.02	2.5%
NC_1495	15	4409	0.85	0.86	0.08	0.86	0.86	0.76	0.84	0.59	0.36	0.44	0.35	0.86	0.00	0.3%
NC_1496	20	4434	1.01	0.99	0.14	1.02	0.89	0.97	1.02	0.81	0.52	0.54	0.51	1.02	0.00	-0.3%
NC_1497	20	4434	1.55	1.51	0.20	1.53	1.30	1.45	1.57	1.28	0.84	0.83	0.83	1.57	0.04	2.4%
NC_1498	20	4444	0.23	0.23	0.05	0.25	0.18	0.25	0.23	0.22	0.14	0.15	0.14	0.25	0.00	1.2%
NC_1499	20	4435	0.32	0.32	0.06	0.33	0.30	0.33	0.34	0.27	0.17	0.18	0.17	0.34	0.01	1.5%
NC_1500	20	4436	2.29	2.24	0.26	2.30	1.90	2.16	2.44	2.16	1.54	1.40	1.48	2.44	0.14	6.0%
NC_1501	180	4663	17.48	18.22	2.59	18.46	9.14	10.46	12.69	14.10	15.06	16.46	17.97	17.97	-0.49	-2.6%
NC_1502	15	4409	0.31	0.30	0.03	0.31	0.31	0.30	0.32	0.23	0.14	0.17	0.14	0.32	0.01	1.6%
NC_1503	20	4435	1.40	1.35	0.20	1.37	1.13	1.37	1.42	1.24	0.84	0.79	0.82	1.42	0.05	3.5%
NC_1504	20	4444	0.25	0.25	0.05	0.27	0.22	0.27	0.26	0.22	0.14	0.15	0.14	0.27	0.00	-0.7%
NC_1505	15	4409	0.16	0.16	0.02	0.16	0.16	0.16	0.17	0.12	0.07	0.09	0.07	0.17	0.01	4.4%
NC_1506	20	4435	1.12	1.09	0.17	1.10	0.96	1.10	1.14	0.96	0.65	0.63	0.63	1.14	0.04	3.9%
NC_1507	20	4435	1.17	1.14	0.18	1.15	0.96	1.15	1.17	1.01	0.68	0.66	0.66	1.17	0.02	1.5%
NC_1508	20	4435	0.49	0.50	0.09	0.51	0.45	0.51	0.51	0.43	0.28	0.29	0.27	0.51	0.00	0.4%
NC_1509	20	4435	0.76	0.76	0.13	0.79	0.67	0.79	0.77	0.68	0.46	0.47	0.44	0.79	0.00	-0.5%
NC_1510	20	4436	1.91	1.86	0.23	1.90	1.58	1.78	2.01	1.75	1.24	1.13	1.19	2.01	0.11	6.0%
NC_1511	15	4409	0.45	0.44	0.05	0.44	0.44	0.45	0.47	0.36	0.22	0.25	0.22	0.47	0.03	6.1%
NC_1512	20	4435	0.84	0.82	0.13	0.83	0.70	0.83	0.84	0.71	0.46	0.46	0.45	0.84	0.01	1.6%
NC_1513	20	4435	0.96	0.93	0.15	0.96	0.75	0.96	0.95	0.86	0.59	0.56	0.57	0.96	-0.01	-0.5%
NC_1514	20	4435	0.50	0.50	0.09	0.52	0.45	0.52	0.51	0.44	0.29	0.30	0.28	0.52	0.00	-0.4%
NC_1515	20	4435	0.53	0.53	0.10	0.55	0.49	0.55	0.55	0.45	0.29	0.31	0.29	0.55	0.00	-0.2%
NC_1516	20	4435	0.68	0.69	0.12	0.70	0.64	0.70	0.71	0.58	0.38	0.40	0.37	0.71	0.01	0.7%
NC_1517	20	4435	0.98	0.96	0.15	0.97	0.83	0.97	1.00	0.85	0.57	0.55	0.55	1.00	0.03	2.9%
NC_1518	20	4435	0.34	0.34	0.07	0.36	0.30	0.36	0.35	0.30	0.19	0.21	0.19	0.36	0.00	-0.3%
NC_1519	20	4435	0.65	0.64	0.11	0.66	0.51	0.66	0.65	0.59	0.40	0.39	0.39	0.66	0.00	0.6%
NC_1520	60	4568	3.48	3.63	0.53	3.68	2.19	2.43	3.18	3.83	3.16	2.67	2.48	3.83	0.15	4.0%
NC_1521	20	4435	1.61	1.55	0.23	1.58	1.29	1.58	1.63	1.44	1.00	0.95	0.97	1.63	0.05	3.4%
NC_1522	20	4434	2.44	2.36	0.33	2.37	2.04	2.31	2.52	2.14	1.45	1.37	1.41	2.52	0.15	6.5%
NC_1523	20	4436	1.99	1.95	0.22	2.01	1.67	1.85	2.13	1.84	1.30	1.19	1.25	2.13	0.12	6.0%
NC_1524	20	4435	0.89	0.89	0.15	0.90	0.84	0.90	0.92	0.75	0.49	0.51	0.48	0.92	0.02	1.8%
NC_1525	60	4569	3.57	3.72	0.61	3.79	2.26	2.47	3.09	3.93	3.23	2.61	2.40	3.93	0.14	3.7%
NC_1526	30	4509	2.60	2.62	0.21	2.62	2.29	2.33	2.72	2.62	1.91	1.76	1.82	2.72	0.10	3.7%
NC_1527	15	4410	0.58	0.57	0.06	0.57	0.53	0.56	0.59	0.45	0.28	0.31	0.28	0.59	0.02	3.7%
NC_1528	15	4412	0.40	0.39	0.05	0.40	0.39	0.39	0.41	0.31	0.19	0.22	0.18	0.41	0.01	3.5%
NC_1529	20	4435	0.27	0.27	0.05	0.28	0.26	0.28	0.28	0.23	0.14	0.16	0.14	0.28	0.00	1.4%
NC_1530	60	4565	11.58	12.11	1.36	12.20	4.48	4.84	10.21	12.20	12.61	9.58	8.64	12.61	0.41	3.3%
NC_1531	20	4444	0.24	0.24	0.05	0.25	0.23	0.26	0.25	0.20	0.13	0.14	0.12	0.26	0.01	2.0%
NC_1532	180	4667	9.81	10.01	0.79	10.03	5.48	6.36	8.68	9.33	10.01	10.33	10.07	10.33	0.30	3.0%
NC_1533	180	4663	9.87	10.14	0.76	10.16	4.74	5.59	7.92	8.57	9.24	10.12	10.35	10.35	0.19	1.9%

ARR2019 Results for 10% Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	45 min	60 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4409	4435	4536	4565	4594	4626	4659		m^3/s	%
NC_1534	45	4478	2.41	2.35	0.25	2.39	1.81	2.02	2.41	2.53	1.92	1.72	1.71	2.53	0.14	6.0%
NC_1535	20	4440	3.34	3.36	0.26	3.44	2.93	3.04	3.61	3.24	2.29	2.06	2.19	3.61	0.17	4.9%
NC_1536	15	4409	0.37	0.36	0.04	0.36	0.36	0.38	0.39	0.30	0.18	0.21	0.18	0.39	0.03	7.2%
NC_1537	30	4513	1.57	1.57	0.14	1.57	1.23	1.34	1.61	1.63	1.19	1.06	1.09	1.63	0.06	3.8%
NC_1538	15	4410	0.90	0.90	0.08	0.90	0.90	0.81	0.89	0.62	0.39	0.46	0.37	0.90	0.00	-0.1%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_1	180	4599	175.35	174.89	12.28	181.73	48.67	88.28	88.74	88.75	135.15	148.14	167.08	182.29	173.31	182.29	0.56	0.3%
NC_2	45	4528	0.78	0.77	0.09	0.78	0.37	0.70	0.73	0.72	0.78	0.67	0.69	0.44	0.58	0.78	0.00	0.3%
NC_3	20	4429	0.42	0.41	0.07	0.41	0.33	0.41	0.41	0.41	0.35	0.28	0.28	0.17	0.24	0.41	0.00	-0.5%
NC_4	45	4528	1.04	1.04	0.11	1.05	0.38	0.79	0.81	0.81	1.05	0.95	0.96	0.62	0.76	1.05	0.00	0.0%
NC_5	20	4399	6.08	5.96	0.57	5.98	5.48	5.20	6.08	5.78	5.03	3.82	4.17	2.40	3.48	6.08	0.10	1.7%
NC_6	20	4429	1.33	1.26	0.19	1.27	1.32	1.20	1.27	1.25	1.00	0.77	0.81	0.46	0.68	1.32	0.05	4.1%
NC_7	20	4433	1.09	1.02	0.18	1.02	1.08	1.02	1.02	1.02	0.82	0.65	0.67	0.38	0.55	1.08	0.06	5.6%
NC_8	20	4433	0.56	0.55	0.06	0.56	0.34	0.54	0.56	0.56	0.53	0.42	0.45	0.28	0.38	0.56	0.00	0.2%
NC_9	20	4399	1.86	1.84	0.16	1.84	1.58	1.71	1.86	1.83	1.58	1.19	1.25	0.74	1.05	1.86	0.02	1.0%
NC_10	45	4534	5.68	5.67	0.29	5.74	2.72	4.39	4.58	4.56	5.92	5.30	5.22	3.52	3.95	5.92	0.18	3.1%
NC_11	20	4367	3.57	3.45	0.37	3.46	3.28	3.12	3.54	3.41	2.94	2.24	2.42	1.41	2.04	3.54	0.08	2.4%
NC_12	20	4371	0.74	0.71	0.11	0.71	0.67	0.71	0.70	0.71	0.58	0.47	0.48	0.27	0.40	0.71	0.00	-0.4%
NC_13	20	4433	0.47	0.46	0.07	0.46	0.33	0.46	0.46	0.46	0.41	0.33	0.34	0.20	0.29	0.46	0.00	0.2%
NC_14	20	4429	1.49	1.42	0.21	1.43	1.45	1.34	1.43	1.40	1.14	0.87	0.92	0.53	0.77	1.45	0.02	1.1%
NC_15	45	4528	1.45	1.45	0.16	1.48	0.56	1.14	1.19	1.17	1.48	1.29	1.31	0.84	1.04	1.48	0.00	-0.3%
NC_16	20	4371	0.63	0.59	0.11	0.60	0.60	0.60	0.59	0.59	0.47	0.38	0.39	0.22	0.32	0.60	0.00	0.0%
NC_17	20	4433	0.45	0.44	0.06	0.45	0.30	0.44	0.45	0.45	0.41	0.32	0.34	0.20	0.29	0.45	0.00	0.0%
NC_18	20	4433	1.58	1.52	0.18	1.53	1.41	1.46	1.55	1.53	1.34	1.04	1.11	0.66	0.94	1.55	0.02	1.4%
NC_19	45	4528	0.73	0.71	0.09	0.73	0.37	0.67	0.69	0.69	0.73	0.62	0.64	0.41	0.54	0.73	0.00	-0.1%
NC_20	20	4433	0.44	0.43	0.05	0.43	0.27	0.42	0.44	0.43	0.41	0.32	0.34	0.21	0.29	0.44	0.01	2.1%
NC_21	45	4534	6.95	6.96	0.34	7.03	3.35	5.38	5.56	5.55	7.20	6.53	6.35	4.35	4.79	7.20	0.17	2.3%
NC_22	20	4371	0.57	0.55	0.09	0.55	0.47	0.55	0.55	0.55	0.47	0.38	0.38	0.23	0.33	0.55	0.00	0.2%
NC_23	45	4528	2.51	2.53	0.25	2.57	0.93	1.91	1.99	1.97	2.57	2.27	2.32	1.49	1.81	2.57	0.00	0.1%
NC_24	25	4464	1.22	1.22	0.11	1.22	0.78	1.13	1.21	1.19	1.18	0.93	1.00	0.61	0.84	1.21	-0.01	-0.7%
NC_25	20	4371	0.87	0.81	0.14	0.82	0.85	0.82	0.81	0.81	0.65	0.52	0.53	0.30	0.44	0.85	0.03	3.4%
NC_26	20	4429	0.50	0.49	0.08	0.49	0.38	0.49	0.49	0.49	0.43	0.34	0.35	0.21	0.30	0.49	0.00	0.0%
NC_27	10	4357	0.79	0.79	0.08	0.80	0.80	0.71	0.69	0.70	0.53	0.43	0.45	0.25	0.36	0.80	0.00	-0.3%
NC_28	20	4433	0.98	0.95	0.12	0.96	0.83	0.94	0.96	0.96	0.86	0.68	0.71	0.44	0.61	0.96	0.00	-0.2%
NC_29	20	4433	1.01	0.95	0.16	0.95	0.99	0.94	0.94	0.95	0.75	0.60	0.62	0.35	0.51	0.99	0.04	4.5%
NC_30	60	4558	9.19	9.14	0.88	9.16	3.20	6.13	6.27	6.25	9.33	9.16	9.35	6.72	7.04	9.35	0.19	2.0%
NC_31	20	4433	0.46	0.45	0.06	0.45	0.31	0.44	0.45	0.45	0.41	0.32	0.34	0.20	0.29	0.45	0.00	0.2%
NC_32	25	4464	1.56	1.57	0.14	1.57	0.87	1.44	1.54	1.51	1.54	1.24	1.33	0.83	1.11	1.54	-0.03	-2.2%
NC_33	20	4433	0.47	0.46	0.06	0.47	0.32	0.46	0.47	0.47	0.43	0.34	0.36	0.21	0.30	0.47	0.00	0.0%
NC_34	45	4528	12.77	12.93	0.80	13.13	4.58	8.96	9.18	9.15	13.13	12.60	12.87	9.05	9.70	13.13	-0.01	0.0%
NC_35	20	4433	0.74	0.72	0.11	0.73	0.57	0.72	0.73	0.73	0.65	0.52	0.54	0.33	0.46	0.73	0.00	-0.5%
NC_36	25	4461	2.85	2.89	0.25	2.93	1.72	2.53	2.80	2.71	2.80	2.23	2.40	1.48	1.98	2.80	-0.13	-4.4%
NC_37	20	4371	0.64	0.60	0.11	0.61	0.60	0.61	0.60	0.60	0.48	0.39	0.40	0.22	0.33	0.61	-0.01	-0.8%
NC_38	10	4364	0.79	0.80	0.08	0.80	0.80	0.72	0.71	0.72	0.55	0.44	0.46	0.25	0.37	0.80	0.00	0.4%
NC_39	20	4429	0.58	0.56	0.09	0.56	0.44	0.56	0.57	0.57	0.50	0.40	0.41	0.24	0.35	0.57	0.00	0.9%
NC_40	60	4558	12.74	12.64	1.30	12.66	4.47	8.79	9.02	8.98	13.05	12.66	12.92	9.22	9.81	13.05	0.39	3.1%
NC_41	20	4433	1.14	1.10	0.13	1.11	1.01	1.07	1.12	1.11	0.94	0.73	0.75	0.44	0.64	1.12	0.01	0.7%
NC_42	20	4399	0.90	0.89	0.08	0.89	0.67	0.83	0.90	0.89	0.82	0.63	0.68	0.41	0.57	0.90	0.01	1.6%
NC_43	20	4433	1.27	1.20	0.17	1.21	1.16	1.16	1.23	1.21	1.00	0.77	0.81	0.47	0.69	1.23	0.02	1.5%
NC_44	20	4371	0.64	0.60	0.11	0.60	0.62	0.60	0.59	0.60	0.47	0.38	0.39	0.22	0.32	0.62	0.02	3.3%
NC_45	20	4371	0.84	0.78	0.14	0.78	0.83	0.78	0.78	0.78	0.62	0.49	0.51	0.29	0.42	0.83	0.05	6.0%
NC_46	20	4433	0.51	0.50	0.07	0.50	0.35	0.50	0.51	0.50	0.46	0.36	0.39	0.23	0.33	0.51	0.01	1.4%
NC_47	20	4429	1.68	1.59	0.23	1.60	1.68	1.50	1.60	1.57	1.25	0.96	1.01	0.58	0.85	1.68	0.08	4.9%
NC_48	20	4433	1.74	1.67	0.19	1.68	1.59	1.59	1.71	1.68	1.42	1.08	1.14	0.66	0.96	1.71	0.03	1.9%
NC_49	720	4785	12.06	10.35	4.58	10.41	6.30	8.90	8.98	8.98	11.06	11.25	11.10	10.78	10.54	11.25	0.83	8.0%
NC_50	20	4433	0.52	0.51	0.06	0.51	0.33	0.50	0.52	0.51	0.48	0.38	0.41	0.25	0.34	0.52	0.01	1.4%
NC_51	20	4433	1.92	1.84	0.22	1.84	1.75	1.71	1.90	1.84	1.56	1.17	1.26	0.72	1.06	1.90	0.06	3.3%
NC_52	20	4433	1.58	1.55	0.15	1.56	1.23	1.50	1.57	1.56	1.48	1.17	1.26	0.79	1.06	1.57	0.01	0.6%
NC_53	25	4462	2.45	2.47	0.25	2.51	1.60	2.25	2.45	2.38	2.37	1.87	2.03	1.25	1.69	2.45	-0.06	-2.6%
NC_54	20	4429	1.21	1.15	0.17	1.16	1.14	1.11	1.16	1.14	0.93	0.72	0.75	0.43	0.64	1.16	0.00	-0.1%
NC_55	20	4371	0.59	0.56	0.10	0.56	0.54	0.56	0.56	0.56	0.46	0.37	0.38	0.21	0.31	0.56	0.00	0.7%
NC_56	20	4371	0.67	0.62	0.12	0.62	0.67	0.62	0.61	0.62	0.48	0.39	0.40	0.22	0.32	0.67	0.05	7.6%
NC_57	20	4371	0.91	0.86	0.14	0.86	0.82	0.86	0.86	0.86	0.71	0.57	0.58	0.34	0.49	0.86	0.00	0.0%
NC_58	720	4785	12.10	10.39	4.54	10.46	6.26	8.88	8.96	8.96	11.05	11.23	11.09	10.84	10.52	11.23	0.77	7.4%
NC_59	20	4371	0.94	0.88	0.15	0.88	0.92	0.88	0.88	0.88	0.70	0.56	0.58	0.33	0.48	0.92	0.04	4.1%
NC_60	20	4371	0.66	0.61	0.11	0.62	0.65	0.62	0.61	0.61	0.48	0.39	0.40	0.22	0.32	0.65	0.03	4.2%
NC_61	20	4371	0.71	0.68	0.11	0.68	0.60	0.68	0.68	0.68	0.58	0.46	0.47	0.28	0.40	0.68	0.00	-0.3%
NC_62	20	4429	7.55	7.51	0.40	7.56	6.26	6.93	7.56	7.45	6.84	5.32	5.48	3.42	4.63	7.56	0.00	0.0%
NC_63	20	4371	0.70	0.65	0.12	0.65	0.70	0.65	0.64	0.65	0.50	0.41	0.42	0.23	0.34	0.70	0.05	7.5%
NC_64	20	4428	1.91	1.91	0.11	1.92	1.37	1.74	1.93	1.89	1.78	1.38	1.48	0.90	1.23	1.93	0.01	0.5%
NC_65	10	4364	1.00	1.01	0.10	1.02	1.02	0.90	0.89	0.90	0.69	0.55	0.57	0.32	0.46	1.02	0.00	-0.2%
NC_66	20	4371	0.73	0.68	0.13	0.68	0.74	0.68	0.67	0.67	0.52	0.42	0.44	0.24	0.35	0.74	0.06	9.1%
NC_67	25	4460	2.28	2.30	0.19	2.33	1.73	2.09	2.30	2.26	2.17	1.75	1.85	1.17	1.54	2.30	-0.03	-1.2%
NC_68	10	4357	0.75	0.75	0.08	0.76	0.76	0.67	0.66	0.67	0.51	0.41	0.43	0.23	0.34	0.76	0.00	-0.3%
NC_69	25	4461	2.46	2.47	0.11	2.48	1.55	2.20	2.35	2.34	2.44	2.05	2.08	1.34	1.66	2.44	-0.04	-1.7%
NC_70	20	4371	0.65	0.61	0.11	0.61	0.63	0.61	0.60	0.61	0.48	0.38	0.40	0.22	0.32	0.63	0.02	3.6%
NC_71	20	4371	0.63	0.59	0.11	0.59	0.60	0.59	0.59	0.59	0.47	0.38	0.39	0.22	0.32	0.60	0.01	2.0%
NC_72	20	4371	0.67	0.62	0.11	0.63	0.65	0.63	0.62	0.62	0.49	0.39	0.41	0.23	0.33	0.65	0.02	2.7%
NC_73	20	4433	1.41	1.37	0.14	1.38	1.21	1.32	1.39	1.38	1.21	0.94	0.98	0.59	0.83	1.39	0.01	0.8%
NC_74	20	4429	0.50	0.49	0.08	0.49	0.39	0.49	0.49	0.49	0.43	0.34	0.35	0.20	0.30	0.49	0.00	-0.6%
NC_75	20	4429	8.82	8.79	0.48	8.86	7.17	8.00	8.86	8.71	8.04	6.26	6.46	4.01	5.38	8.86	0.00	0.0%
NC_76	20	4399	2.01	1.93	0.22	1.94	1.81	1.76	2.00	1.92	1.64	1.24	1.33	0.76	1.13	2.00	0.06	3.0%
NC_77	20	4399	2.38	2.37	0.17	2.37	1.95	2.18	2.39	2.33	2.29	1.85	1.95	1.22	1.72	2.39	0.02	0.7%
NC_78	20	4429	0.70	0.66	0.11	0.67	0.65	0.64	0.67	0.66	0.53	0.41	0.43	0.24	0.36	0.67	0.00	-0.4%
NC_79	20	4371	0.85	0.79	0.14	0.79	0.83	0.79	0.79	0.79	0.63	0.50	0.52	0.29	0.43	0.83	0.04	5.1%
NC_80	20	4433	1.61	1.59	0.14	1.59	1.16	1.51	1.62	1.59	1.52	1.20	1.30	0.80	1.09	1.62	0.03	1.9%
NC_81	20	4399	1.19	1.17	0.12	1.17	0.99	1.10	1.19	1.17	1.01	0.77	0.81	0.48	0.68	1.19	0.02	1.5%

ARR2019 Results for 2%AEP Event																		
Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_82	25	4461	3.27	3.32	0.25	3.34	2.28	2.93	3.25	3.19	3.10	2.42	2.56	1.57	2.10	3.25	-0.09	-2.8%
NC_83	10	4364	0.88	0.89	0.09	0.90	0.90	0.77	0.76	0.77	0.58	0.47	0.49	0.27	0.39	0.90	0.00	-0.4%
NC_84	20	4371	0.82	0.78	0.13	0.78	0.78	0.78	0.77	0.77	0.63	0.50	0.51	0.29	0.43	0.78	0.00	0.0%
NC_85	20	4433	0.56	0.54	0.09	0.54	0.48	0.54	0.54	0.54	0.46	0.36	0.37	0.21	0.31	0.54	0.00	0.4%
NC_86	20	4404	3.50	3.43	0.37	3.46	3.32	2.95	3.47	3.32	2.73	2.01	2.20	1.25	1.87	3.47	0.01	0.3%
NC_87	10	4364	1.10	1.11	0.11	1.12	1.12	0.98	0.98	0.99	0.76	0.61	0.63	0.35	0.51	1.12	0.00	-0.2%
NC_88	20	4399	2.73	2.62	0.32	2.62	2.22	2.47	2.72	2.61	2.32	1.79	1.91	1.10	1.63	2.72	0.10	3.8%
NC_89	20	4433	0.43	0.42	0.05	0.42	0.27	0.41	0.43	0.42	0.39	0.31	0.33	0.20	0.28	0.43	0.01	1.9%
NC_90	20	4428	4.71	4.67	0.38	4.67	3.97	4.14	4.71	4.54	4.21	3.29	3.55	2.14	3.07	4.71	0.04	0.9%
NC_91	20	4371	0.63	0.60	0.11	0.60	0.61	0.60	0.59	0.59	0.47	0.38	0.39	0.22	0.32	0.61	0.01	1.2%
NC_92	20	4433	0.59	0.56	0.09	0.56	0.52	0.57	0.56	0.56	0.47	0.37	0.38	0.22	0.32	0.57	0.00	0.9%
NC_93	20	4433	1.01	0.99	0.12	1.00	0.77	0.98	1.00	1.00	0.93	0.74	0.79	0.49	0.66	1.00	0.00	0.2%
NC_94	20	4429	1.44	1.38	0.20	1.39	1.39	1.31	1.39	1.36	1.11	0.85	0.89	0.51	0.75	1.39	0.00	0.0%
NC_95	20	4429	1.26	1.20	0.18	1.21	1.20	1.14	1.21	1.19	0.96	0.74	0.78	0.45	0.66	1.21	0.00	-0.2%
NC_96	20	4399	1.86	1.82	0.18	1.83	1.54	1.70	1.86	1.82	1.59	1.20	1.28	0.75	1.07	1.86	0.03	1.5%
NC_97	20	4371	0.64	0.61	0.11	0.61	0.61	0.61	0.60	0.61	0.49	0.39	0.40	0.22	0.33	0.61	0.00	0.0%
NC_98	20	4433	1.96	1.91	0.19	1.91	1.73	1.79	1.94	1.91	1.66	1.27	1.35	0.80	1.14	1.94	0.03	1.8%
NC_99	20	4367	4.26	4.18	0.41	4.19	3.99	3.65	4.24	4.08	3.41	2.53	2.75	1.57	2.31	4.24	0.05	1.3%
NC_100	20	4371	0.73	0.69	0.12	0.70	0.67	0.70	0.69	0.69	0.57	0.45	0.47	0.26	0.39	0.70	0.00	-0.6%
NC_101	20	4367	1.79	1.72	0.24	1.73	1.67	1.63	1.74	1.70	1.40	1.07	1.14	0.65	0.96	1.74	0.01	0.3%
NC_102	720	4785	12.39	10.62	4.51	10.74	6.24	8.88	8.96	8.96	11.07	11.27	11.12	11.24	10.52	11.27	0.53	5.0%
NC_103	20	4371	0.69	0.64	0.12	0.64	0.68	0.64	0.63	0.64	0.50	0.40	0.42	0.23	0.34	0.68	0.04	5.6%
NC_104	20	4433	0.48	0.47	0.07	0.47	0.35	0.47	0.47	0.47	0.42	0.33	0.35	0.21	0.29	0.47	0.00	0.6%
NC_105	20	4399	5.51	5.30	0.61	5.33	4.67	4.88	5.50	5.24	4.62	3.53	3.82	2.18	3.22	5.50	0.17	3.2%
NC_106	20	4371	0.66	0.62	0.12	0.62	0.66	0.62	0.61	0.61	0.48	0.39	0.40	0.22	0.32	0.66	0.04	5.8%
NC_107	20	4433	0.93	0.91	0.11	0.92	0.74	0.89	0.93	0.92	0.83	0.65	0.68	0.41	0.58	0.93	0.01	0.5%
NC_108	20	4371	0.78	0.74	0.12	0.74	0.73	0.74	0.74	0.74	0.60	0.48	0.50	0.28	0.41	0.74	0.00	0.3%
NC_109	20	4429	8.10	8.09	0.69	8.13	7.14	6.72	8.13	7.75	6.66	4.92	5.39	3.06	4.51	8.13	0.00	0.0%
NC_110	20	4371	0.71	0.66	0.12	0.66	0.71	0.66	0.65	0.66	0.51	0.41	0.43	0.24	0.34	0.71	0.05	7.7%
NC_111	10	4364	0.72	0.73	0.08	0.73	0.73	0.65	0.64	0.65	0.49	0.40	0.41	0.23	0.33	0.73	0.00	0.5%
NC_112	45	4528	0.77	0.76	0.09	0.77	0.38	0.70	0.73	0.72	0.77	0.66	0.68	0.44	0.57	0.77	0.00	0.5%
NC_113	20	4371	0.92	0.86	0.15	0.86	0.93	0.86	0.85	0.86	0.67	0.54	0.55	0.31	0.45	0.93	0.07	8.0%
NC_114	20	4371	0.74	0.69	0.12	0.70	0.71	0.70	0.69	0.69	0.55	0.44	0.46	0.26	0.37	0.71	0.01	1.6%
NC_115	20	4433	0.46	0.45	0.06	0.45	0.32	0.45	0.45	0.45	0.41	0.32	0.34	0.20	0.29	0.45	0.00	0.9%
NC_116	20	4399	2.41	2.32	0.26	2.32	2.22	2.10	2.39	2.30	1.94	1.45	1.58	0.90	1.33	2.39	0.07	3.1%
NC_117	20	4429	1.32	1.26	0.19	1.27	1.29	1.20	1.27	1.25	1.01	0.77	0.81	0.47	0.68	1.29	0.02	1.3%
NC_118	20	4433	0.52	0.51	0.07	0.51	0.37	0.51	0.51	0.51	0.46	0.36	0.38	0.23	0.32	0.51	0.00	0.2%
NC_119	20	4399	5.96	5.87	0.58	5.87	4.94	5.12	5.98	5.66	5.11	3.88	4.25	2.43	3.56	5.98	0.11	1.8%
NC_120	20	4429	1.20	1.15	0.17	1.15	1.06	1.15	1.15	1.15	0.99	0.79	0.81	0.49	0.69	1.15	0.00	0.3%
NC_121	45	4528	1.02	1.03	0.11	1.04	0.37	0.78	0.80	0.80	1.04	0.93	0.94	0.61	0.74	1.04	-0.01	-0.5%
NC_122	20	4371	0.65	0.61	0.11	0.61	0.64	0.61	0.61	0.61	0.48	0.39	0.40	0.22	0.33	0.64	0.03	4.3%
NC_123	25	4460	1.34	1.35	0.12	1.37	0.83	1.20	1.33	1.30	1.29	1.01	1.08	0.66	0.90	1.33	-0.04	-2.8%
NC_124	20	4429	20.50	20.52	1.23	20.63	16.17	17.89	20.63	20.05	18.49	14.18	14.86	8.95	12.36	20.63	0.00	0.0%
NC_125	10	4364	0.78	0.78	0.08	0.79	0.79	0.68	0.67	0.67	0.51	0.41	0.43	0.23	0.34	0.79	-0.01	-0.6%
NC_126	20	4433	1.19	1.14	0.13	1.15	1.10	1.09	1.16	1.15	0.95	0.73	0.75	0.43	0.63	1.16	0.01	0.9%
NC_127	20	4371	0.75	0.70	0.12	0.71	0.71	0.71	0.70	0.70	0.57	0.45	0.47	0.26	0.38	0.71	0.00	-0.1%
NC_128	20	4429	1.33	1.26	0.19	1.27	1.30	1.21	1.27	1.25	1.00	0.77	0.81	0.46	0.68	1.30	0.03	2.7%
NC_129	45	4528	3.05	2.99	0.35	3.07	1.65	2.71	2.87	2.83	3.07	2.60	2.69	1.72	2.22	3.07	0.00	0.0%
NC_130	20	4371	0.70	0.66	0.12	0.66	0.69	0.66	0.65	0.66	0.52	0.42	0.43	0.24	0.35	0.69	0.03	3.8%
NC_131	45	4528	1.38	1.39	0.15	1.40	0.51	1.08	1.12	1.11	1.40	1.24	1.26	0.81	1.00	1.40	0.00	0.3%
NC_132	20	4371	0.61	0.58	0.10	0.58	0.58	0.58	0.57	0.58	0.46	0.37	0.38	0.21	0.32	0.58	0.00	0.3%
NC_133	20	4367	1.97	1.88	0.22	1.88	1.82	1.73	1.94	1.88	1.57	1.18	1.27	0.73	1.07	1.94	0.06	3.1%
NC_134	20	4371	0.73	0.68	0.12	0.68	0.72	0.68	0.67	0.67	0.53	0.43	0.44	0.24	0.36	0.72	0.04	5.9%
NC_135	45	4528	1.02	1.03	0.11	1.04	0.37	0.78	0.81	0.80	1.04	0.92	0.93	0.60	0.74	1.04	0.00	-0.1%
NC_136	20	4371	0.69	0.63	0.12	0.64	0.70	0.64	0.62	0.63	0.49	0.39	0.41	0.22	0.33	0.70	0.05	8.6%
NC_137	20	4433	0.46	0.45	0.06	0.45	0.31	0.44	0.45	0.45	0.41	0.32	0.34	0.20	0.28	0.45	0.00	0.0%
NC_138	20	4429	8.16	8.15	0.60	8.23	6.51	6.99	8.23	7.90	7.36	5.70	6.17	3.70	5.28	8.23	0.00	0.0%
NC_139	30	4500	0.77	0.78	0.07	0.79	0.37	0.70	0.73	0.72	0.78	0.65	0.68	0.43	0.57	0.78	-0.02	-1.9%
NC_140	20	4429	1.36	1.29	0.19	1.30	1.32	1.24	1.30	1.28	1.03	0.80	0.83	0.48	0.70	1.32	0.02	1.3%
NC_141	10	4357	0.71	0.72	0.08	0.73	0.73	0.65	0.64	0.64	0.49	0.40	0.41	0.23	0.33	0.73	-0.01	-0.7%
NC_142	10	4364	1.46	1.47	0.12	1.48	1.48	1.24	1.31	1.29	0.99	0.77	0.81	0.46	0.67	1.48	0.00	-0.1%
NC_143	20	4433	0.47	0.46	0.07	0.46	0.33	0.46	0.46	0.46	0.42	0.33	0.34	0.20	0.29	0.46	0.00	0.9%
NC_144	20	4371	0.64	0.61	0.11	0.61	0.62	0.61	0.60	0.60	0.48	0.39	0.40	0.22	0.32	0.62	0.01	1.6%
NC_145	20	4433	0.66	0.64	0.10	0.64	0.57	0.64	0.64	0.64	0.54	0.43	0.44	0.26	0.37	0.64	0.00	-0.5%
NC_146	20	4399	6.30	6.25	0.48	6.26	5.21	5.65	6.29	6.11	5.67	4.45	4.68	2.93	3.95	6.29	0.03	0.5%
NC_147	20	4429	1.55	1.46	0.22	1.47	1.55	1.39	1.47	1.45	1.15	0.88	0.93	0.53	0.78	1.55	0.08	5.4%
NC_148	20	4429	3.30	3.31	0.22	3.34	2.63	2.86	3.34	3.24	2.84	2.10	2.28	1.32	1.91	3.34	0.00	0.0%
NC_149	20	4371	0.77	0.71	0.13	0.71	0.77	0.71	0.70	0.71	0.55	0.44	0.46	0.25	0.37	0.77	0.06	9.0%
NC_150	20	4371	0.67	0.63	0.12	0.63	0.68	0.63	0.62	0.62	0.48	0.39	0.40	0.22	0.33	0.68	0.05	7.3%
NC_151	20	4429	1.39	1.34	0.18	1.36	1.32	1.23	1.36	1.32	1.08	0.82	0.87	0.50	0.73	1.36	0.00	-0.2%
NC_152	60	4558	17.04	17.05	0.90	17.06	2.68	8.66	8.74	8.72	15.76	17.06	18.36	14.51	14.21	18.36	1.30	7.6%
NC_153	20	4433	0.48	0.47	0.05	0.47	0.29	0.46	0.48	0.47	0.45	0.35	0.38	0.23	0.32	0.48	0.01	1.3%
NC_154	25	4466	7.36	7.38	0.33	7.39	4.50	6.48	6.99	6.92	7.29	5.80	5.92	3.65	4.69	7.29	-0.10	-1.3%
NC_155	20	4429	2.32	2.21	0.29	2.25	2.26	2.02	2.25	2.18	1.77	1.34	1.44	0.82	1.21	2.26	0.01	0.6%
NC_156	45	4528	4.05	3.99	0.46	4.11	2.06	3.48	3.73	3.66	4.11	3.46	3.59	2.28	2.91	4.11	0.00	-0.1%
NC_157	20	4404	2.98	2.92	0.31	2.95	2.82	2.50	2.97	2.83	2.35	1.73	1.91	1.09	1.61	2.97	0.02	0.6%
NC_158	90	4588	16.83	17.09	1.86	17.47	2.63	8.46	8.53	8.52	15.48	16.85	18.27	14.63	14.14	18.27	0.80	4.6%
NC_159	10	4364	0.74	0.75	0.08	0.75	0.75	0.68	0.67	0.67	0.52	0.42	0.43	0.24	0.35	0.75	0.00	0.3%
NC_160	20	4371	0.85	0.79	0.14	0.79	0.84	0.79	0.79	0.79	0.62	0.50	0.52	0.29	0.42	0.84	0.05	6.2%
NC_161	20	4371	0.68	0.63	0.12	0.64	0.68	0.64	0.62	0.63	0.49	0.39	0.41	0.23	0.33	0.68	0.04	6.9%
NC_162	20	4371	0.63	0.59	0.11	0.60	0.61	0.60	0.59	0.59	0.47	0.38	0.39	0.22	0.32	0.61	0.01	0.8%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_163	20	4371	0.70	0.65	0.12	0.66	0.70	0.66	0.65	0.65	0.51	0.41	0.42	0.23	0.34	0.70	0.04	6.2%
NC_164	20	4429	1.57	1.50	0.21	1.51	1.52	1.42	1.51	1.48	1.20	0.93	0.97	0.56	0.82	1.52	0.01	0.7%
NC_165	10	4357	0.69	0.70	0.07	0.70	0.70	0.64	0.63	0.63	0.49	0.39	0.41	0.22	0.33	0.70	0.00	0.4%
NC_166	20	4429	0.79	0.73	0.13	0.74	0.80	0.72	0.74	0.73	0.57	0.45	0.47	0.26	0.39	0.80	0.06	7.4%
NC_167	20	4399	7.45	7.39	0.53	7.46	6.14	6.57	7.47	7.21	6.70	5.23	5.53	3.44	4.65	7.47	0.01	0.2%
NC_168	20	4429	12.11	12.14	0.82	12.25	9.41	10.42	12.25	11.86	10.87	8.31	9.01	5.38	7.67	12.25	0.00	0.0%
NC_169	20	4433	1.17	1.09	0.19	1.09	1.18	1.09	1.09	1.09	0.86	0.69	0.71	0.40	0.58	1.18	0.09	8.1%
NC_170	20	4371	0.78	0.73	0.13	0.73	0.74	0.73	0.73	0.73	0.59	0.47	0.49	0.27	0.40	0.74	0.01	0.7%
NC_171	45	4528	6.16	6.11	0.68	6.27	3.08	5.17	5.54	5.44	6.27	5.36	5.51	3.54	4.46	6.27	0.00	0.0%
NC_172	20	4399	9.42	9.40	0.76	9.49	7.64	7.93	9.52	9.06	8.31	6.26	6.88	3.95	5.71	9.52	0.03	0.3%
NC_173	20	4429	1.26	1.21	0.17	1.22	1.18	1.15	1.22	1.20	0.98	0.76	0.79	0.45	0.67	1.22	0.00	-0.4%
NC_174	20	4404	2.49	2.46	0.23	2.47	2.14	2.13	2.51	2.41	2.07	1.53	1.69	0.96	1.42	2.51	0.04	1.8%
NC_175	20	4367	2.19	2.12	0.25	2.14	2.08	1.93	2.16	2.09	1.73	1.29	1.39	0.80	1.18	2.16	0.02	0.8%
NC_176	90	4588	3.31	3.28	0.41	3.31	1.30	2.32	2.35	2.35	3.19	3.26	3.45	3.00	2.94	3.45	0.14	4.1%
NC_177	10	4357	0.78	0.79	0.08	0.79	0.79	0.71	0.69	0.70	0.53	0.43	0.45	0.25	0.36	0.79	0.00	0.4%
NC_178	20	4429	1.32	1.24	0.20	1.25	1.33	1.18	1.25	1.23	0.97	0.75	0.79	0.45	0.66	1.33	0.08	6.3%
NC_179	45	4528	1.81	1.81	0.21	1.83	0.95	1.53	1.58	1.57	1.83	1.63	1.64	1.07	1.33	1.83	0.00	0.1%
NC_180	20	4371	0.77	0.72	0.13	0.72	0.77	0.72	0.71	0.72	0.56	0.45	0.46	0.26	0.38	0.77	0.05	7.5%
NC_181	90	4586	3.44	3.43	0.27	3.46	1.33	2.24	2.27	2.27	3.17	3.27	3.48	3.32	3.10	3.48	0.02	0.4%
NC_182	20	4371	0.90	0.85	0.14	0.85	0.86	0.85	0.85	0.85	0.69	0.55	0.56	0.32	0.47	0.86	0.01	1.2%
NC_183	20	4371	0.69	0.64	0.12	0.64	0.70	0.64	0.63	0.63	0.49	0.39	0.41	0.23	0.33	0.70	0.06	9.5%
NC_184	20	4371	0.73	0.68	0.12	0.68	0.72	0.68	0.67	0.67	0.53	0.42	0.44	0.24	0.36	0.72	0.04	6.2%
NC_185	20	4429	1.29	1.23	0.18	1.24	1.24	1.17	1.24	1.22	0.99	0.76	0.80	0.46	0.67	1.24	0.00	-0.2%
NC_186	20	4433	0.50	0.49	0.05	0.50	0.30	0.48	0.50	0.50	0.47	0.37	0.40	0.24	0.34	0.50	0.00	0.4%
NC_187	20	4371	0.70	0.64	0.12	0.65	0.71	0.65	0.64	0.64	0.49	0.40	0.41	0.23	0.33	0.71	0.06	9.2%
NC_188	10	4364	1.61	1.62	0.12	1.63	1.63	1.43	1.52	1.49	1.18	0.90	0.95	0.54	0.80	1.63	0.00	-0.1%
NC_189	20	4433	0.48	0.47	0.07	0.47	0.36	0.47	0.48	0.47	0.42	0.33	0.34	0.20	0.29	0.48	0.01	1.1%
NC_190	45	4528	7.27	7.32	0.36	7.36	4.03	6.40	6.38	6.40	7.36	6.49	6.23	4.09	4.76	7.36	0.00	-0.1%
NC_191	20	4371	0.81	0.75	0.14	0.75	0.82	0.75	0.75	0.75	0.58	0.47	0.49	0.27	0.39	0.82	0.07	9.1%
NC_192	20	4429	13.15	13.20	0.85	13.28	10.08	11.36	13.28	12.91	11.83	9.02	9.78	5.84	8.29	13.28	0.00	0.0%
NC_193	120	4431	14.64	14.74	0.40	14.82	5.69	8.58	8.61	8.61	11.57	12.46	14.21	14.79	12.77	14.79	-0.03	-0.2%
NC_194	45	4528	1.36	1.36	0.15	1.38	0.60	1.08	1.11	1.11	1.38	1.23	1.24	0.80	0.99	1.38	0.00	-0.1%
NC_195	20	4371	0.85	0.80	0.13	0.81	0.80	0.81	0.80	0.80	0.66	0.52	0.54	0.31	0.45	0.81	-0.01	-0.6%
NC_196	25	4464	0.83	0.83	0.07	0.84	0.46	0.76	0.82	0.80	0.81	0.65	0.69	0.43	0.58	0.82	-0.02	-2.7%
NC_197	20	4371	0.57	0.55	0.09	0.56	0.47	0.56	0.55	0.56	0.48	0.38	0.38	0.23	0.33	0.56	-0.01	-0.9%
NC_198	20	4371	0.70	0.64	0.12	0.65	0.70	0.65	0.64	0.64	0.50	0.40	0.41	0.23	0.33	0.70	0.05	7.8%
NC_199	20	4429	1.72	1.64	0.22	1.66	1.71	1.51	1.66	1.62	1.30	0.98	1.05	0.60	0.88	1.71	0.05	2.9%
NC_200	20	4429	2.88	2.78	0.33	2.82	2.78	2.53	2.82	2.74	2.24	1.67	1.80	1.03	1.52	2.82	0.00	0.1%
NC_201	20	4433	0.65	0.64	0.06	0.65	0.38	0.63	0.65	0.65	0.63	0.50	0.55	0.34	0.46	0.65	0.00	0.5%
NC_202	20	4433	1.79	1.71	0.21	1.71	1.65	1.58	1.76	1.71	1.43	1.07	1.16	0.66	0.98	1.76	0.05	3.2%
NC_203	20	4433	1.28	1.25	0.13	1.25	1.10	1.18	1.27	1.25	1.08	0.82	0.87	0.51	0.73	1.27	0.02	1.7%
NC_204	20	4433	0.50	0.48	0.06	0.49	0.32	0.48	0.49	0.49	0.45	0.36	0.38	0.23	0.32	0.49	0.00	0.4%
NC_205	20	4429	7.75	7.73	0.54	7.80	6.28	6.76	7.80	7.49	7.06	5.52	5.83	3.62	4.86	7.80	0.00	0.0%
NC_206	25	4460	0.90	0.91	0.09	0.91	0.45	0.82	0.89	0.87	0.88	0.69	0.76	0.46	0.63	0.89	-0.02	-2.3%
NC_207	20	4367	3.35	3.29	0.34	3.30	3.10	2.84	3.34	3.20	2.67	1.98	2.16	1.23	1.82	3.34	0.04	1.2%
NC_208	20	4371	0.67	0.62	0.12	0.63	0.67	0.63	0.62	0.62	0.48	0.39	0.40	0.22	0.33	0.67	0.04	6.3%
NC_209	20	4433	0.43	0.42	0.05	0.42	0.26	0.41	0.43	0.42	0.40	0.31	0.33	0.20	0.28	0.43	0.01	2.1%
NC_210	20	4429	13.95	13.99	0.86	14.02	10.52	12.11	14.02	13.66	12.67	9.68	10.46	6.25	8.80	14.02	0.00	0.0%
NC_211	20	4371	0.79	0.74	0.13	0.74	0.78	0.74	0.73	0.74	0.58	0.47	0.48	0.27	0.39	0.78	0.04	5.5%
NC_212	20	4433	0.43	0.42	0.05	0.42	0.27	0.41	0.43	0.42	0.39	0.31	0.33	0.20	0.28	0.43	0.01	1.4%
NC_213	30	4498	10.17	10.13	0.66	10.29	5.57	8.66	9.09	9.05	10.26	8.47	8.47	5.27	6.54	10.26	-0.03	-0.3%
NC_214	45	4528	0.91	0.91	0.09	0.93	0.44	0.72	0.76	0.75	0.93	0.83	0.85	0.56	0.67	0.93	0.00	-0.2%
NC_215	60	4463	6.60	6.47	0.43	6.52	3.27	4.37	4.42	4.41	6.63	6.41	5.00	4.38	4.14	6.63	0.11	1.7%
NC_216	20	4433	0.46	0.45	0.07	0.45	0.32	0.45	0.45	0.45	0.41	0.32	0.34	0.20	0.29	0.45	0.00	0.9%
NC_217	45	4528	0.71	0.70	0.08	0.71	0.33	0.64	0.66	0.66	0.71	0.60	0.62	0.40	0.52	0.71	0.00	0.1%
NC_218	60	4558	7.96	7.84	0.43	7.90	3.04	5.09	5.25	5.24	7.88	7.90	7.15	5.72	4.96	7.90	0.00	0.0%
NC_219	25	4464	1.08	1.08	0.09	1.09	0.57	0.99	1.04	1.03	1.07	0.89	0.94	0.59	0.79	1.07	-0.02	-1.6%
NC_220	20	4399	2.54	2.48	0.24	2.49	2.28	2.21	2.54	2.45	2.08	1.54	1.69	0.96	1.42	2.54	0.05	2.1%
NC_221	20	4371	0.68	0.63	0.11	0.64	0.66	0.64	0.63	0.63	0.50	0.40	0.42	0.23	0.34	0.66	0.02	2.5%
NC_222	20	4371	0.65	0.61	0.11	0.62	0.62	0.62	0.61	0.61	0.49	0.39	0.40	0.23	0.33	0.62	0.00	-0.5%
NC_223	20	4371	0.84	0.78	0.14	0.78	0.85	0.78	0.78	0.78	0.61	0.49	0.51	0.28	0.41	0.85	0.07	8.6%
NC_224	20	4371	0.70	0.65	0.12	0.65	0.68	0.65	0.64	0.65	0.51	0.41	0.42	0.24	0.35	0.68	0.03	4.6%
NC_225	30	4498	7.26	7.17	0.49	7.32	4.14	6.14	6.58	6.53	7.46	6.12	6.06	3.76	4.67	7.46	0.14	1.9%
NC_226	20	4428	3.85	3.81	0.34	3.83	3.42	3.21	3.87	3.69	3.14	2.32	2.55	1.44	2.13	3.87	0.04	1.1%
NC_227	90	4532	3.63	3.69	0.22	3.70	1.87	2.25	2.28	2.27	3.18	3.35	3.57	3.47	3.22	3.57	-0.13	-3.5%
NC_228	20	4367	0.63	0.60	0.10	0.60	0.56	0.60	0.60	0.60	0.49	0.40	0.40	0.23	0.34	0.60	0.00	0.2%
NC_229	180	4653	14.03	14.29	1.09	14.68	5.64	8.41	8.43	8.43	11.14	11.95	13.66	14.68	12.96	14.68	0.00	0.0%
NC_230	20	4433	0.49	0.48	0.07	0.49	0.35	0.48	0.49	0.49	0.44	0.34	0.36	0.22	0.31	0.49	0.00	-0.6%
NC_231	20	4433	1.26	1.22	0.14	1.23	1.08	1.20	1.24	1.23	1.10	0.87	0.91	0.56	0.77	1.24	0.01	0.7%
NC_232	25	4394	14.18	14.38	1.18	14.59	10.59	12.29	14.27	13.92	13.03	9.97	10.73	6.43	9.06	14.27	-0.32	-2.2%
NC_233	20	4433	0.46	0.45	0.06	0.45	0.32	0.45	0.46	0.45	0.41	0.32	0.34	0.20	0.29	0.46	0.01	1.6%
NC_234	30	4498	10.83	10.79	0.65	10.95	5.76	9.22	9.60	9.57	11.04	9.19	9.14	5.73	7.04	11.04	0.09	0.8%
NC_235	20	4371	0.72	0.67	0.13	0.67	0.72	0.67	0.66	0.67	0.52	0.42	0.43	0.24	0.35	0.72	0.05	7.9%
NC_236	30	4500	1.39	1.37	0.15	1.38	0.63	1.21	1.31	1.28	1.40	1.13	1.21	0.75	1.00	1.40	0.02	1.3%
NC_237	60	4558	8.16	8.05	0.39	8.10	3.08	5.15	5.29	5.29	8.01	8.10	7.31	5.96	5.16	8.10	0.00	0.0%
NC_238	30	4498	34.89	34.52	2.20	35.19	20.12	29.76	31.56	31.36	35.93	29.98	29.38	18.76	22.85	35.93	0.74	2.1%
NC_239	45	4528	10.07	9.89	1.11	10.41	2.05	7.98	8.29	8.23	10.41	8.27	8.83	5.34	7.32	10.41	0.00	0.0%
NC_240	45	4496	11.52	11.49	0.48	11.56	5.18	8.79	9.06	9.03	11.91	10.57	10.21	6.75	7.71	11.91	0.35	3.0%
NC_241	20	4371	0.71	0.69	0.10	0.69	0.59	0.69	0.69	0.69	0.60	0.47	0.49	0.29	0.41	0.69	0.00	-0.3%
NC_242	20	4433	0.52	0.51	0.07	0.51	0.36	0.51	0.52	0.51	0.47	0.37	0.39	0.23	0.33	0.52	0.01	1.0%
NC_243	25	4462	2.79	2.80	0.22	2.83	2.19	2.62	2.78	2.73	2.74	2.39	2.39	1.58	2.03	2.78	-0.05	-1.8%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_244	30	4498	35.44	35.00	2.49	35.74	21.14	30.41	32.55	32.31	36.01	29.53	29.31	18.40	22.81	36.01	0.27	0.8%
NC_245	45	4528	2.41	2.40	0.26	2.47	0.94	1.92	2.03	2.00	2.47	2.09	2.17	1.37	1.73	2.47	-0.01	-0.2%
NC_246	10	4364	0.75	0.76	0.08	0.77	0.77	0.69	0.68	0.69	0.53	0.43	0.44	0.24	0.36	0.77	0.00	-0.4%
NC_247	20	4371	0.69	0.65	0.12	0.65	0.66	0.65	0.64	0.65	0.51	0.41	0.42	0.24	0.35	0.66	0.01	2.2%
NC_248	45	4528	1.12	1.14	0.08	1.16	0.46	0.82	0.85	0.84	1.16	1.07	1.09	0.72	0.83	1.16	0.00	0.0%
NC_249	30	4500	1.65	1.65	0.14	1.65	1.03	1.47	1.54	1.53	1.65	1.39	1.43	0.91	1.18	1.65	0.00	0.2%
NC_250	20	4433	0.43	0.42	0.05	0.42	0.27	0.41	0.43	0.42	0.40	0.31	0.33	0.20	0.28	0.43	0.01	1.9%
NC_251	20	4433	0.43	0.42	0.05	0.42	0.26	0.41	0.43	0.42	0.40	0.31	0.33	0.20	0.28	0.43	0.01	1.4%
NC_252	60	4558	8.27	8.15	0.36	8.19	3.10	5.17	5.31	5.30	8.06	8.19	7.38	6.11	5.31	8.19	0.00	0.0%
NC_253	45	4528	1.95	1.94	0.19	1.96	1.29	1.72	1.76	1.76	1.96	1.76	1.76	1.14	1.39	1.96	0.00	0.1%
NC_254	20	4433	0.43	0.42	0.05	0.42	0.26	0.41	0.43	0.42	0.39	0.31	0.33	0.20	0.28	0.43	0.01	1.2%
NC_255	25	4460	0.72	0.72	0.07	0.72	0.40	0.68	0.71	0.70	0.70	0.57	0.61	0.39	0.51	0.71	-0.01	-1.3%
NC_256	20	4433	0.46	0.45	0.06	0.46	0.31	0.45	0.46	0.46	0.42	0.33	0.35	0.21	0.29	0.46	0.00	-0.4%
NC_257	25	4460	0.86	0.87	0.09	0.87	0.48	0.80	0.86	0.84	0.83	0.65	0.71	0.43	0.59	0.86	-0.01	-1.1%
NC_258	60	4555	6.69	6.57	0.32	6.59	3.22	4.39	4.42	4.42	6.42	6.46	5.48	5.33	4.50	6.46	-0.13	-2.0%
NC_259	20	4433	0.52	0.51	0.07	0.51	0.37	0.51	0.51	0.51	0.46	0.37	0.38	0.23	0.33	0.51	0.00	0.6%
NC_260	30	4498	24.82	24.41	2.76	24.81	13.12	19.98	21.42	21.13	25.49	20.06	21.47	12.90	17.96	25.49	0.68	2.7%
NC_261	10	4357	0.73	0.74	0.08	0.75	0.75	0.66	0.64	0.65	0.49	0.40	0.41	0.23	0.33	0.75	-0.01	-0.7%
NC_262	20	4399	5.92	5.87	0.53	5.93	5.10	4.93	5.94	5.62	4.95	3.70	4.07	2.30	3.42	5.94	0.01	0.2%
NC_263	180	4599	174.91	174.66	12.61	181.68	48.72	88.35	88.81	88.82	135.23	148.21	167.11	182.11	172.25	182.11	0.42	0.2%
NC_264	20	4433	0.44	0.43	0.05	0.43	0.28	0.42	0.44	0.43	0.40	0.31	0.34	0.20	0.28	0.44	0.01	1.4%
NC_265	20	4433	1.00	0.93	0.16	0.93	0.99	0.93	0.93	0.93	0.73	0.59	0.61	0.34	0.50	0.99	0.06	6.5%
NC_266	20	4399	1.68	1.65	0.15	1.65	1.39	1.54	1.68	1.65	1.44	1.09	1.15	0.68	0.97	1.68	0.03	1.6%
NC_267	45	4528	0.84	0.83	0.10	0.84	0.37	0.73	0.76	0.75	0.84	0.73	0.74	0.48	0.62	0.84	0.00	-0.1%
NC_268	120	4499	24.90	24.86	3.56	26.13	5.79	10.70	10.77	10.76	19.83	22.33	26.13	23.95	20.71	26.13	0.00	0.0%
NC_269	45	4528	0.71	0.69	0.08	0.71	0.32	0.63	0.66	0.65	0.71	0.60	0.62	0.39	0.52	0.71	0.00	0.1%
NC_270	30	4498	2.10	2.08	0.17	2.12	1.13	1.79	1.91	1.89	2.13	1.74	1.76	1.09	1.37	2.13	0.01	0.4%
NC_271	60	4559	6.67	6.59	0.26	6.65	3.17	4.36	4.39	4.39	6.28	6.41	5.87	5.72	4.71	6.41	-0.24	-3.6%
NC_272	180	4599	14.34	14.45	0.89	14.80	5.63	8.39	8.41	8.41	11.13	11.95	13.67	14.91	12.99	14.91	0.11	0.8%
NC_273	45	4528	0.81	0.81	0.10	0.82	0.34	0.70	0.73	0.72	0.82	0.71	0.73	0.47	0.60	0.82	0.00	0.1%
NC_274	60	4463	8.84	8.75	0.31	8.76	3.39	5.61	5.81	5.76	8.47	8.78	7.88	6.65	5.96	8.78	0.02	0.2%
NC_275	45	4528	24.91	24.50	2.49	25.70	13.14	19.88	21.29	21.00	25.70	20.34	21.73	13.06	18.07	25.70	0.00	0.0%
NC_276	20	4371	0.61	0.58	0.10	0.58	0.57	0.58	0.57	0.58	0.46	0.37	0.38	0.21	0.31	0.58	0.00	0.0%
NC_277	45	4534	2.28	2.26	0.13	2.28	1.04	1.78	1.85	1.84	2.36	2.05	2.01	1.28	1.51	2.36	0.08	3.6%
NC_278	20	4371	0.62	0.59	0.10	0.59	0.57	0.59	0.59	0.59	0.48	0.39	0.40	0.22	0.33	0.59	0.00	0.5%
NC_279	45	4528	26.81	26.60	2.52	27.76	14.22	20.77	22.28	22.02	27.76	22.55	23.90	14.45	19.58	27.76	0.00	0.0%
NC_280	180	4599	174.89	174.65	12.64	181.68	48.74	88.39	88.85	88.86	135.28	148.25	167.15	182.10	172.16	182.10	0.42	0.2%
NC_281	20	4371	0.61	0.58	0.10	0.58	0.57	0.58	0.57	0.57	0.46	0.37	0.38	0.21	0.31	0.58	0.00	-0.2%
NC_282	20	4433	0.49	0.48	0.05	0.48	0.29	0.47	0.49	0.48	0.46	0.36	0.39	0.24	0.33	0.49	0.01	2.1%
NC_283	20	4429	1.13	1.07	0.17	1.08	1.09	1.03	1.08	1.07	0.86	0.66	0.70	0.40	0.58	1.09	0.01	1.0%
NC_284	45	4528	2.13	2.17	0.15	2.21	0.76	1.51	1.55	1.54	2.21	2.05	2.10	1.40	1.58	2.21	0.00	0.1%
NC_285	45	4496	35.88	35.75	1.48	35.90	19.87	30.05	31.68	31.51	37.00	31.47	30.44	19.81	23.76	37.00	1.10	3.1%
NC_286	20	4433	0.43	0.42	0.05	0.42	0.26	0.41	0.43	0.42	0.40	0.31	0.33	0.20	0.28	0.43	0.01	1.2%
NC_287	180	4599	175.30	174.87	12.33	181.74	48.69	88.30	88.76	88.77	135.19	148.17	167.10	182.27	173.24	182.27	0.53	0.3%
NC_288	20	4433	1.02	0.95	0.16	0.95	0.99	0.95	0.95	0.95	0.76	0.61	0.62	0.35	0.52	0.99	0.04	4.5%
NC_289	20	4429	4.33	4.31	0.33	4.35	3.48	3.70	4.35	4.17	3.80	2.85	3.08	1.78	2.55	4.35	0.00	0.0%
NC_290	20	4371	0.67	0.62	0.12	0.63	0.66	0.63	0.62	0.62	0.49	0.39	0.40	0.22	0.33	0.66	0.03	5.4%
NC_291	20	4371	0.80	0.75	0.13	0.75	0.76	0.75	0.75	0.75	0.60	0.48	0.49	0.28	0.41	0.76	0.01	1.5%
NC_292	45	4528	0.95	0.93	0.11	0.94	0.51	0.88	0.90	0.90	0.94	0.83	0.85	0.56	0.71	0.94	0.00	0.4%
NC_293	45	4496	13.55	13.49	0.46	13.57	5.86	10.14	10.41	10.38	13.93	12.74	12.11	8.32	9.26	13.93	0.36	2.7%
NC_294	45	4528	4.34	4.37	0.21	4.46	1.47	2.97	3.05	3.04	4.46	4.29	4.32	3.00	3.29	4.46	0.00	0.0%
NC_295	20	4371	0.70	0.66	0.12	0.66	0.68	0.66	0.66	0.66	0.53	0.42	0.43	0.24	0.36	0.68	0.02	2.6%
NC_296	20	4371	0.68	0.64	0.12	0.64	0.66	0.64	0.63	0.63	0.50	0.40	0.42	0.23	0.34	0.66	0.02	2.8%
NC_297	20	4433	1.08	1.03	0.13	1.04	0.90	0.97	1.07	1.04	0.90	0.68	0.73	0.42	0.62	1.07	0.03	2.9%
NC_298	25	4466	4.25	4.23	0.27	4.27	2.94	3.61	4.13	4.03	4.01	3.07	3.23	1.91	2.60	4.13	-0.14	-3.4%
NC_299	45	4534	53.64	53.32	2.02	53.37	25.34	41.70	43.25	43.06	55.21	49.86	47.59	32.80	36.93	55.21	1.84	3.4%
NC_300	20	4371	0.75	0.70	0.13	0.71	0.74	0.71	0.70	0.70	0.55	0.44	0.46	0.25	0.37	0.74	0.03	4.8%
NC_301	20	4429	1.38	1.29	0.23	1.29	1.37	1.27	1.29	1.29	1.01	0.80	0.84	0.47	0.69	1.37	0.08	5.8%
NC_302	180	4599	174.95	174.70	12.66	181.77	48.82	88.53	88.99	89.00	135.46	148.44	167.29	182.15	172.21	182.15	0.38	0.2%
NC_303	25	4461	2.38	2.42	0.20	2.45	1.68	2.15	2.41	2.36	2.22	1.71	1.80	1.09	1.50	2.41	-0.04	-1.8%
NC_304	45	4528	1.63	1.64	0.15	1.67	0.65	1.23	1.28	1.27	1.67	1.49	1.52	0.98	1.17	1.67	0.00	-0.2%
NC_305	20	4371	0.63	0.60	0.10	0.60	0.59	0.60	0.59	0.60	0.48	0.39	0.40	0.22	0.33	0.60	0.00	0.0%
NC_306	60	4558	5.24	5.22	0.40	5.22	1.61	3.32	3.39	3.38	5.16	5.22	5.24	3.83	4.02	5.24	0.02	0.3%
NC_307	45	4528	1.43	1.42	0.16	1.44	0.72	1.22	1.27	1.26	1.44	1.25	1.26	0.82	1.04	1.44	0.00	0.1%
NC_308	60	4558	18.58	18.27	1.27	18.29	6.97	12.93	13.11	13.08	18.90	18.29	17.12	12.52	13.13	18.90	0.61	3.3%
NC_309	45	4528	1.17	1.15	0.14	1.17	0.52	1.03	1.08	1.06	1.17	1.00	1.04	0.67	0.87	1.17	0.00	-0.1%
NC_310	90	4532	7.77	7.76	0.57	7.78	3.83	5.42	5.69	5.64	7.19	7.56	7.29	6.67	5.67	7.56	-0.22	-2.9%
NC_311	20	4429	2.21	2.21	0.16	2.23	1.73	1.92	2.23	2.16	1.93	1.44	1.56	0.90	1.30	2.23	0.00	0.2%
NC_312	20	4429	1.27	1.20	0.19	1.21	1.25	1.15	1.21	1.19	0.96	0.74	0.77	0.44	0.65	1.25	0.04	3.4%
NC_313	45	4496	13.48	13.42	0.43	13.50	5.76	10.01	10.27	10.24	13.84	12.78	12.09	8.45	9.27	13.84	0.34	2.5%
NC_314	20	4433	0.63	0.61	0.08	0.62	0.43	0.61	0.62	0.62	0.57	0.45	0.48	0.29	0.41	0.62	0.00	0.2%
NC_315	20	4429	2.10	2.02	0.26	2.05	2.02	1.85	2.05	1.99	1.63	1.22	1.32	0.75	1.11	2.05	0.00	0.2%
NC_316	60	4558	5.71	5.71	0.39	5.73	1.69	3.50	3.56	3.55	5.53	5.73	5.72	4.23	4.37	5.73	0.00	-0.1%
NC_317	20	4371	0.66	0.62	0.11	0.62	0.65	0.62	0.61	0.62	0.49	0.39	0.40	0.22	0.33	0.65	0.03	4.0%
NC_318	120	4499	164.15	163.81	12.47	164.28	48.34	87.50	87.98	87.98	133.67	146.15	164.28	172.63	145.97	172.63	8.35	5.1%
NC_319	20	4371	0.70	0.65	0.12	0.65	0.71	0.65	0.64	0.64	0.50	0.40	0.42	0.23	0.33	0.71	0.06	8.8%
NC_320	60	4558	5.93	5.93	0.39	5.95	1.71	3.56	3.62	3.61	5.70	5.95	5.94	4.42	4.52	5.95	0.00	0.0%
NC_321	20	4371	0.78	0.73	0.13	0.73	0.77	0.73	0.72	0.73	0.57	0.46	0.47	0.26	0.38	0.77	0.04	6.0%
NC_322	20	4433	0.46	0.45	0.06	0.45	0.32	0.45	0.46	0.45	0.41	0.32	0.34	0.20	0.29	0.46	0.01	1.6%
NC_323	20	4429	1.54	1.47	0.22	1.47	1.44	1.45	1.47	1.47	1.22	0.97	1.00	0.59	0.85	1.47	0.00	-0.1%
NC_324	60	4558	9.57	9.53	0.91	9.57	3.48	6.67	6.88	6.81	9.63	9.57	9.65	6.93	7.26	9.65	0.07	0.8%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_325	120	4611	20.35	20.20	0.46	20.27	7.51	11.46	11.49	11.49	15.97	17.08	20.09	20.57	19.29	20.57	0.30	1.5%
NC_326	60	4558	9.89	9.90	0.85	9.91	3.25	6.49	6.67	6.62	9.83	9.91	9.99	7.33	7.56	9.99	0.08	0.8%
NC_327	25	4464	0.73	0.72	0.07	0.73	0.44	0.70	0.71	0.71	0.72	0.59	0.63	0.39	0.53	0.72	-0.01	-1.9%
NC_328	20	4429	0.65	0.61	0.11	0.61	0.63	0.60	0.61	0.61	0.48	0.38	0.40	0.22	0.33	0.63	0.02	3.4%
NC_329	20	4371	0.75	0.71	0.13	0.71	0.73	0.71	0.70	0.70	0.56	0.45	0.46	0.26	0.38	0.73	0.02	3.2%
NC_330	20	4371	0.65	0.61	0.11	0.61	0.64	0.61	0.60	0.61	0.48	0.39	0.40	0.22	0.32	0.64	0.03	4.6%
NC_331	45	4496	14.24	14.16	0.39	14.28	5.93	10.41	10.66	10.64	14.58	13.71	12.85	9.22	9.89	14.58	0.30	2.1%
NC_332	20	4367	2.18	2.09	0.26	2.10	2.03	1.96	2.12	2.08	1.75	1.34	1.43	0.84	1.21	2.12	0.02	1.1%
NC_333	25	4394	5.12	5.20	0.37	5.25	3.50	4.49	5.05	4.95	4.83	3.72	3.91	2.34	3.17	5.05	-0.20	-3.8%
NC_334	20	4371	0.69	0.64	0.12	0.65	0.66	0.65	0.64	0.64	0.51	0.41	0.42	0.24	0.35	0.66	0.01	1.2%
NC_335	20	4433	0.43	0.42	0.05	0.42	0.26	0.41	0.43	0.42	0.39	0.31	0.33	0.20	0.28	0.43	0.01	1.4%
NC_336	20	4433	0.43	0.42	0.05	0.43	0.27	0.42	0.43	0.43	0.40	0.31	0.34	0.20	0.28	0.43	0.00	0.5%
NC_337	20	4371	0.85	0.79	0.14	0.80	0.85	0.80	0.79	0.79	0.62	0.50	0.52	0.29	0.42	0.85	0.05	6.0%
NC_338	20	4433	0.49	0.48	0.05	0.48	0.30	0.47	0.49	0.48	0.46	0.36	0.39	0.23	0.33	0.49	0.01	1.5%
NC_339	20	4404	1.42	1.41	0.13	1.41	1.24	1.22	1.43	1.36	1.18	0.88	0.97	0.55	0.81	1.43	0.02	1.5%
NC_340	20	4371	0.52	0.51	0.08	0.51	0.43	0.51	0.51	0.51	0.44	0.35	0.35	0.21	0.30	0.51	0.00	-0.6%
NC_341	120	4611	20.34	20.20	0.43	20.24	7.49	11.44	11.47	11.47	15.94	17.06	20.12	20.63	19.42	20.63	0.39	1.9%
NC_342	20	4367	3.96	3.82	0.41	3.83	3.68	3.45	3.93	3.79	3.17	2.37	2.57	1.47	2.18	3.93	0.10	2.6%
NC_343	25	4462	0.97	0.98	0.11	0.98	0.57	0.91	0.98	0.96	0.93	0.73	0.80	0.49	0.67	0.98	0.00	0.1%
NC_344	20	4429	1.33	1.27	0.19	1.28	1.28	1.21	1.28	1.26	1.03	0.79	0.83	0.47	0.70	1.28	0.00	0.2%
NC_345	20	4433	0.43	0.42	0.05	0.42	0.26	0.41	0.43	0.42	0.39	0.31	0.33	0.20	0.28	0.43	0.01	1.2%
NC_346	20	4367	3.81	3.69	0.44	3.75	3.54	3.29	3.76	3.61	3.01	2.26	2.45	1.39	2.06	3.76	0.01	0.3%
NC_347	20	4371	0.69	0.64	0.12	0.64	0.69	0.64	0.63	0.64	0.49	0.40	0.41	0.23	0.33	0.69	0.05	8.1%
NC_348	45	4528	0.74	0.73	0.09	0.75	0.32	0.64	0.67	0.67	0.75	0.64	0.66	0.42	0.54	0.75	0.00	-0.1%
NC_349	45	4528	1.06	1.07	0.12	1.07	0.49	0.89	0.90	0.90	1.07	0.97	0.97	0.64	0.79	1.07	0.00	0.1%
NC_350	60	4405	10.37	10.37	0.81	10.37	3.32	6.63	6.79	6.76	10.19	10.37	10.52	7.89	8.01	10.52	0.15	1.5%
NC_351	25	4464	0.70	0.69	0.06	0.70	0.37	0.65	0.67	0.66	0.69	0.58	0.61	0.39	0.51	0.69	-0.01	-1.3%
NC_352	45	4528	1.30	1.32	0.13	1.32	0.56	0.99	1.00	1.00	1.32	1.23	1.25	0.82	0.95	1.32	0.00	-0.3%
NC_353	20	4433	1.26	1.22	0.13	1.22	1.11	1.17	1.24	1.22	1.04	0.80	0.83	0.49	0.70	1.24	0.02	1.4%
NC_354	60	4558	18.44	18.13	1.30	18.15	6.97	12.90	13.08	13.05	18.82	18.15	17.01	12.35	13.05	18.82	0.67	3.7%
NC_355	120	4499	164.15	163.81	12.47	164.29	48.35	87.50	87.99	88.00	133.67	146.17	164.29	172.63	145.99	172.63	8.34	5.1%
NC_356	90	4585	10.76	10.93	0.88	11.07	3.41	5.85	5.89	5.87	9.79	10.65	11.06	9.06	8.59	11.06	-0.01	-0.1%
NC_357	20	4371	0.75	0.69	0.13	0.69	0.75	0.69	0.69	0.69	0.54	0.43	0.45	0.25	0.36	0.75	0.06	9.3%
NC_358	45	4528	5.30	5.30	0.53	5.49	2.07	4.17	4.42	4.35	5.49	4.66	4.88	3.08	3.86	5.49	0.00	0.0%
NC_359	20	4429	1.34	1.29	0.18	1.31	1.28	1.19	1.31	1.27	1.04	0.79	0.85	0.48	0.71	1.31	0.00	-0.2%
NC_360	25	4464	1.02	1.02	0.09	1.02	0.49	0.93	0.99	0.97	1.00	0.80	0.87	0.54	0.72	1.00	-0.02	-2.4%
NC_361	25	4464	1.49	1.48	0.12	1.50	1.03	1.40	1.47	1.46	1.45	1.21	1.26	0.80	1.05	1.47	-0.03	-2.1%
NC_362	120	4499	164.16	163.81	12.48	164.30	48.36	87.52	88.00	88.01	133.69	146.18	164.30	172.61	145.99	172.61	8.31	5.1%
NC_363	20	4433	0.49	0.48	0.06	0.48	0.32	0.48	0.49	0.48	0.45	0.35	0.38	0.23	0.32	0.49	0.01	1.7%
NC_364	20	4371	0.67	0.62	0.11	0.62	0.65	0.62	0.62	0.62	0.49	0.39	0.40	0.22	0.33	0.65	0.03	5.5%
NC_365	45	4528	1.08	1.09	0.11	1.10	0.38	0.81	0.83	0.82	1.10	1.00	1.01	0.65	0.78	1.10	0.00	0.0%
NC_366	20	4433	0.99	0.93	0.16	0.93	0.96	0.93	0.92	0.93	0.74	0.59	0.61	0.35	0.51	0.96	0.03	2.9%
NC_367	45	4528	0.80	0.79	0.09	0.81	0.35	0.70	0.73	0.72	0.81	0.69	0.71	0.45	0.59	0.81	0.00	-0.4%
NC_368	45	4528	5.27	5.18	0.60	5.40	2.39	4.52	4.88	4.75	5.40	4.41	4.71	2.94	3.83	5.40	0.00	0.0%
NC_369	20	4433	0.47	0.45	0.05	0.46	0.29	0.45	0.46	0.46	0.43	0.34	0.36	0.22	0.31	0.46	0.00	0.9%
NC_370	20	4371	0.67	0.63	0.11	0.63	0.65	0.63	0.63	0.63	0.50	0.40	0.41	0.23	0.34	0.65	0.02	3.3%
NC_371	25	4460	2.30	2.32	0.21	2.35	1.17	2.05	2.23	2.17	2.28	1.81	1.97	1.21	1.62	2.28	-0.07	-3.0%
NC_372	120	4499	164.16	163.81	12.48	164.30	48.36	87.53	88.01	88.02	133.70	146.19	164.30	172.61	145.97	172.61	8.31	5.1%
NC_373	20	4371	0.68	0.63	0.12	0.63	0.68	0.63	0.62	0.63	0.49	0.39	0.41	0.22	0.33	0.68	0.05	7.5%
NC_374	25	4464	0.91	0.90	0.09	0.91	0.49	0.86	0.89	0.88	0.89	0.76	0.80	0.52	0.67	0.89	-0.02	-2.1%
NC_375	60	4558	6.14	6.12	0.54	6.13	2.26	4.26	4.38	4.36	6.21	6.13	6.55	5.06	5.14	6.55	0.42	6.9%
NC_376	20	4371	0.76	0.71	0.13	0.71	0.75	0.71	0.70	0.70	0.55	0.44	0.46	0.26	0.37	0.75	0.04	5.5%
NC_377	60	4558	11.79	11.78	0.97	11.79	3.99	7.64	7.85	7.82	11.66	11.79	12.03	9.03	9.16	12.03	0.24	2.0%
NC_378	20	4433	0.49	0.48	0.07	0.48	0.36	0.48	0.49	0.48	0.43	0.34	0.36	0.21	0.30	0.49	0.01	1.3%
NC_379	20	4371	0.78	0.72	0.13	0.72	0.79	0.72	0.71	0.71	0.55	0.44	0.46	0.25	0.37	0.79	0.07	9.6%
NC_380	30	4500	4.97	4.88	0.56	4.89	2.32	4.33	4.67	4.55	5.06	4.14	4.42	2.76	3.60	5.06	0.17	3.5%
NC_381	90	4585	10.94	11.09	0.88	11.24	3.47	5.90	5.94	5.92	9.85	10.74	11.29	9.25	8.77	11.29	0.05	0.4%
NC_382	20	4371	0.62	0.58	0.10	0.58	0.57	0.58	0.58	0.58	0.47	0.37	0.39	0.22	0.32	0.58	0.00	0.3%
NC_383	20	4433	1.20	1.17	0.14	1.18	0.87	1.14	1.20	1.18	1.09	0.85	0.91	0.55	0.77	1.20	0.02	1.5%
NC_384	20	4433	0.56	0.55	0.06	0.56	0.35	0.55	0.56	0.56	0.53	0.41	0.45	0.27	0.38	0.56	0.00	0.2%
NC_385	120	4499	29.14	29.24	2.49	29.69	11.42	17.58	18.33	18.26	23.50	23.52	29.69	29.34	24.59	29.69	0.00	0.0%
NC_386	10	4364	0.73	0.73	0.08	0.74	0.74	0.65	0.64	0.65	0.49	0.40	0.41	0.23	0.33	0.74	0.00	-0.4%
NC_387	20	4429	0.65	0.63	0.10	0.63	0.55	0.63	0.63	0.63	0.54	0.43	0.44	0.26	0.37	0.63	0.00	0.3%
NC_388	25	4464	0.73	0.73	0.07	0.73	0.41	0.70	0.73	0.72	0.72	0.59	0.63	0.40	0.53	0.73	0.00	-0.3%
NC_389	45	4528	2.81	2.78	0.32	2.84	1.42	2.44	2.58	2.53	2.84	2.45	2.49	1.63	2.03	2.84	0.00	-0.2%
NC_390	20	4433	0.52	0.51	0.05	0.52	0.31	0.50	0.52	0.52	0.50	0.39	0.42	0.26	0.36	0.52	0.00	0.6%
NC_391	20	4367	2.13	2.04	0.27	2.05	1.94	1.94	2.07	2.03	1.70	1.31	1.38	0.79	1.17	2.07	0.02	1.0%
NC_392	20	4433	0.48	0.47	0.05	0.48	0.29	0.46	0.48	0.48	0.45	0.35	0.38	0.23	0.32	0.48	0.00	0.2%
NC_393	10	4364	2.10	2.11	0.15	2.12	2.12	1.83	1.95	1.91	1.50	1.15	1.23	0.70	1.02	2.12	0.00	0.1%
NC_394	120	4499	164.36	164.00	12.60	164.76	48.66	88.02	88.51	88.51	134.32	146.78	164.76	172.44	146.23	172.44	7.68	4.7%
NC_395	20	4371	0.65	0.61	0.11	0.61	0.63	0.61	0.60	0.60	0.48	0.38	0.40	0.22	0.32	0.63	0.02	3.3%
NC_396	45	4528	2.38	2.33	0.28	2.41	1.07	2.06	2.21	2.15	2.41	2.01	2.13	1.35	1.74	2.41	0.00	-0.1%
NC_397	45	4496	3.00	2.99	0.06	3.01	2.16	2.70	2.78	2.77	3.06	2.87	2.72	2.07	2.26	3.06	0.05	1.7%
NC_398	20	4433	0.44	0.43	0.05	0.43	0.27	0.42	0.43	0.43	0.40	0.31	0.33	0.20	0.28	0.43	0.00	0.9%
NC_399	120	4499	164.16	163.81	12.48	164.32	48.37	87.53	88.02	88.03	133.72	146.21	164.32	172.61	145.93	172.61	8.29	5.0%
NC_400	10	4357	0.71	0.72	0.08	0.72	0.72	0.65	0.63	0.64	0.49	0.40	0.41	0.23	0.33	0.72	0.00	0.1%
NC_401	90	4588	12.06	12.23	1.01	12.34	4.86	7.58	7.73	7.71	10.41	11.64	12.66	10.14	9.64	12.66	0.32	2.6%
NC_402	20	4429	1.67	1.60	0.21	1.61	1.62	1.48	1.61	1.58	1.28	0.97	1.04	0.60	0.88	1.62	0.01	0.6%
NC_403	120	4499	164.19	163.80	12.54	164.46	48.49	87.72	88.21	88.22	133.95	146.42	164.46	172.41	146.03	172.41	7.94	4.8%
NC_404	120	4499	164.17	163.82	12.49	164.32	48.37	87.55	88.03	88.03	133.73	146.21	164.32	172.59	145.98	172.59	8.27	5.0%
NC_405	20	4433	0.45	0.44	0.06	0.45	0.31	0.44	0.45	0.45	0.41	0.32	0.34	0.20	0.28	0.45	0.00	0.0%

Catchment Simulation Solutions

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_406	20	4429	3.17	3.00	0.43	3.04	3.13	2.79	3.04	2.96	2.38	1.82	1.94	1.10	1.62	3.13	0.09	2.9%
NC_407	20	4371	0.67	0.63	0.11	0.63	0.65	0.63	0.62	0.63	0.50	0.40	0.41	0.23	0.34	0.65	0.02	2.9%
NC_408	45	4528	2.47	2.44	0.28	2.48	1.29	2.20	2.29	2.26	2.48	2.17	2.18	1.43	1.80	2.48	0.00	0.0%
NC_409	20	4371	0.79	0.73	0.14	0.73	0.80	0.73	0.72	0.73	0.56	0.45	0.47	0.26	0.38	0.80	0.07	9.9%
NC_410	20	4433	1.31	1.24	0.17	1.26	1.14	1.21	1.28	1.26	1.07	0.83	0.87	0.51	0.74	1.28	0.02	1.3%
NC_411	20	4367	2.35	2.29	0.25	2.30	2.23	2.04	2.33	2.25	1.86	1.38	1.50	0.86	1.27	2.33	0.03	1.3%
NC_412	20	4433	1.40	1.33	0.19	1.34	1.27	1.31	1.36	1.34	1.13	0.88	0.91	0.53	0.77	1.36	0.02	1.3%
NC_413	20	4371	0.75	0.70	0.13	0.70	0.76	0.70	0.69	0.69	0.54	0.43	0.45	0.25	0.36	0.76	0.06	8.9%
NC_414	20	4371	0.65	0.61	0.11	0.61	0.65	0.61	0.60	0.61	0.48	0.38	0.40	0.22	0.32	0.65	0.04	5.9%
NC_415	10	4357	0.92	0.93	0.09	0.94	0.94	0.85	0.84	0.85	0.66	0.53	0.55	0.30	0.44	0.94	0.00	-0.4%
NC_416	20	4371	0.90	0.83	0.15	0.84	0.90	0.84	0.83	0.83	0.65	0.52	0.54	0.30	0.44	0.90	0.06	7.5%
NC_417	25	4464	1.78	1.76	0.11	1.78	1.27	1.70	1.73	1.74	1.75	1.51	1.49	0.98	1.24	1.75	-0.03	-1.9%
NC_418	10	4364	0.83	0.83	0.09	0.84	0.84	0.74	0.73	0.74	0.56	0.45	0.47	0.26	0.38	0.84	0.00	0.1%
NC_419	20	4429	3.14	3.15	0.24	3.18	2.58	2.66	3.18	3.05	2.67	1.99	2.15	1.23	1.79	3.18	0.00	-0.1%
NC_420	20	4371	0.69	0.64	0.12	0.64	0.70	0.64	0.63	0.64	0.50	0.40	0.41	0.23	0.33	0.70	0.06	9.1%
NC_421	45	4528	1.32	1.33	0.13	1.34	0.51	1.00	1.03	1.02	1.34	1.22	1.22	0.79	0.94	1.34	0.00	0.2%
NC_422	120	4499	164.03	163.52	12.65	164.63	48.68	88.03	88.52	88.53	134.29	146.74	164.63	171.76	146.01	171.76	7.13	4.3%
NC_423	20	4371	0.71	0.66	0.12	0.66	0.71	0.66	0.66	0.66	0.52	0.42	0.43	0.24	0.35	0.71	0.04	6.8%
NC_424	30	4498	4.08	4.02	0.45	4.07	1.95	3.45	3.76	3.68	4.19	3.38	3.58	2.18	2.92	4.19	0.12	2.9%
NC_425	25	4460	0.87	0.88	0.09	0.88	0.45	0.80	0.86	0.84	0.84	0.66	0.72	0.44	0.60	0.86	-0.02	-1.8%
NC_426	20	4371	0.68	0.64	0.12	0.64	0.68	0.64	0.63	0.63	0.50	0.40	0.41	0.23	0.33	0.68	0.04	5.9%
NC_427	20	4429	3.35	3.27	0.36	3.32	3.21	2.86	3.32	3.18	2.62	1.94	2.12	1.21	1.79	3.32	0.00	-0.1%
NC_428	20	4433	1.01	0.98	0.11	0.98	0.90	0.93	1.00	0.98	0.82	0.62	0.64	0.37	0.55	1.00	0.02	1.7%
NC_429	20	4371	0.67	0.62	0.12	0.62	0.66	0.62	0.61	0.62	0.48	0.39	0.40	0.22	0.33	0.66	0.04	7.1%
NC_430	10	4364	1.10	1.10	0.11	1.11	1.11	0.93	0.93	0.93	0.70	0.56	0.59	0.32	0.47	1.11	0.00	-0.3%
NC_431	20	4433	0.51	0.50	0.08	0.50	0.39	0.50	0.50	0.50	0.44	0.35	0.36	0.21	0.31	0.50	0.00	0.2%
NC_432	20	4399	2.97	2.91	0.27	2.93	2.72	2.53	2.97	2.85	2.37	1.75	1.92	1.09	1.62	2.97	0.04	1.3%
NC_433	20	4428	2.21	2.21	0.16	2.22	1.69	1.98	2.24	2.18	1.95	1.46	1.57	0.92	1.32	2.24	0.02	0.9%
NC_434	20	4433	0.43	0.42	0.05	0.42	0.26	0.41	0.42	0.42	0.39	0.31	0.33	0.20	0.28	0.42	0.00	1.0%
NC_435	10	4364	0.78	0.79	0.08	0.79	0.79	0.69	0.68	0.69	0.52	0.42	0.44	0.24	0.35	0.79	0.00	0.1%
NC_436	25	4461	3.20	3.19	0.18	3.21	2.13	2.81	3.07	3.05	2.99	2.29	2.38	1.42	1.90	3.07	-0.14	-4.3%
NC_437	120	4499	164.16	163.68	12.69	164.82	48.78	88.19	88.70	88.70	134.52	146.96	164.82	171.83	146.13	171.83	7.01	4.3%
NC_438	10	4364	1.40	1.41	0.11	1.42	1.42	1.22	1.28	1.27	0.99	0.76	0.80	0.46	0.67	1.42	0.00	-0.1%
NC_439	20	4433	0.43	0.42	0.05	0.42	0.26	0.41	0.42	0.42	0.39	0.31	0.33	0.20	0.28	0.42	0.00	1.0%
NC_440	25	4460	3.41	3.41	0.23	3.44	2.48	3.15	3.35	3.31	3.33	2.80	2.82	1.84	2.37	3.35	-0.09	-2.7%
NC_441	20	4433	1.14	1.10	0.14	1.11	0.90	1.06	1.13	1.11	0.98	0.76	0.81	0.48	0.69	1.13	0.02	2.1%
NC_442	20	4433	0.68	0.65	0.11	0.65	0.61	0.65	0.65	0.65	0.54	0.43	0.44	0.25	0.37	0.65	0.00	0.2%
NC_443	90	4585	14.91	15.15	1.52	15.30	8.88	11.87	12.86	12.66	14.09	14.46	16.11	12.32	12.33	16.11	0.81	5.3%
NC_444	20	4433	1.12	1.08	0.12	1.09	0.99	1.04	1.10	1.09	0.92	0.70	0.73	0.43	0.62	1.10	0.01	1.2%
NC_445	20	4433	0.50	0.49	0.06	0.50	0.31	0.49	0.50	0.50	0.47	0.37	0.40	0.24	0.33	0.50	0.00	0.2%
NC_446	10	4364	2.00	2.01	0.11	2.01	2.01	1.70	1.90	1.84	1.46	1.09	1.18	0.67	0.99	2.01	0.00	0.1%
NC_447	20	4433	1.48	1.41	0.19	1.42	1.36	1.35	1.45	1.42	1.19	0.90	0.96	0.55	0.81	1.45	0.03	2.0%
NC_448	45	4528	2.82	2.80	0.32	2.87	1.16	2.33	2.48	2.43	2.87	2.44	2.54	1.62	2.04	2.87	0.00	0.1%
NC_449	25	4394	3.29	3.34	0.22	3.35	2.22	2.91	3.24	3.18	3.08	2.37	2.47	1.49	2.03	3.24	-0.12	-3.4%
NC_450	30	4498	3.42	3.35	0.39	3.39	1.70	2.91	3.20	3.13	3.48	2.78	2.97	1.81	2.44	3.48	0.09	2.7%
NC_451	25	4461	3.11	3.17	0.22	3.18	1.59	2.66	2.95	2.87	3.12	2.47	2.66	1.61	2.18	3.12	-0.06	-2.0%
NC_452	120	4499	5.39	5.39	0.35	5.53	1.32	2.66	2.67	2.67	4.15	4.58	5.53	5.60	5.35	5.60	0.07	1.2%
NC_453	20	4433	1.21	1.15	0.14	1.16	1.07	1.14	1.17	1.16	1.01	0.80	0.82	0.50	0.70	1.17	0.01	0.8%
NC_454	45	4528	1.08	1.07	0.12	1.09	0.56	0.95	0.98	0.97	1.09	0.94	0.95	0.62	0.78	1.09	0.00	-0.3%
NC_455	45	4528	1.77	1.75	0.21	1.79	0.77	1.52	1.62	1.58	1.79	1.52	1.58	1.01	1.30	1.79	0.00	0.1%
NC_456	10	4364	1.68	1.69	0.13	1.70	1.70	1.41	1.50	1.48	1.14	0.88	0.93	0.53	0.77	1.70	0.00	-0.2%
NC_457	120	4499	164.25	163.79	12.71	164.95	48.85	88.30	88.80	88.81	134.65	147.11	164.95	171.88	146.24	171.88	6.93	4.2%
NC_458	120	4617	51.30	51.49	1.85	51.71	18.63	29.82	30.51	30.47	41.99	43.51	51.71	52.67	46.95	52.67	0.95	1.8%
NC_459	10	4364	0.76	0.76	0.08	0.77	0.77	0.67	0.66	0.66	0.50	0.40	0.42	0.23	0.34	0.77	0.00	0.0%
NC_460	10	4364	0.75	0.76	0.08	0.77	0.77	0.68	0.67	0.67	0.51	0.41	0.43	0.24	0.34	0.77	0.00	-0.5%
NC_461	20	4429	2.34	2.33	0.16	2.35	1.97	2.08	2.35	2.30	1.94	1.43	1.52	0.88	1.28	2.35	0.00	0.1%
NC_462	20	4429	1.96	1.88	0.25	1.91	1.88	1.74	1.91	1.85	1.52	1.16	1.23	0.71	1.04	1.91	0.00	-0.2%
NC_463	20	4429	2.27	2.17	0.27	2.21	2.28	1.98	2.21	2.14	1.72	1.29	1.39	0.80	1.17	2.28	0.07	3.2%
NC_464	20	4429	0.50	0.48	0.08	0.49	0.38	0.48	0.49	0.49	0.43	0.34	0.35	0.20	0.29	0.49	-0.01	-1.0%
NC_465	20	4429	1.66	1.57	0.23	1.59	1.66	1.50	1.59	1.56	1.25	0.96	1.00	0.58	0.85	1.66	0.07	4.2%
NC_466	60	4558	31.41	30.92	2.20	31.07	10.86	18.22	18.72	18.69	30.98	31.07	32.68	22.89	25.62	32.68	1.61	5.2%
NC_467	20	4433	0.43	0.42	0.05	0.42	0.26	0.41	0.43	0.42	0.39	0.31	0.33	0.20	0.28	0.43	0.01	1.2%
NC_468	20	4433	0.95	0.89	0.16	0.89	0.94	0.89	0.89	0.89	0.71	0.56	0.58	0.33	0.48	0.94	0.05	5.3%
NC_469	20	4404	1.73	1.73	0.13	1.73	1.34	1.56	1.75	1.71	1.51	1.13	1.22	0.72	1.02	1.75	0.02	1.2%
NC_470	45	4528	3.50	3.48	0.27	3.57	2.05	2.99	3.19	3.16	3.57	3.09	3.09	2.01	2.43	3.57	0.00	0.0%
NC_471	10	4357	0.76	0.76	0.08	0.77	0.77	0.67	0.66	0.67	0.50	0.41	0.43	0.23	0.34	0.77	0.00	-0.1%
NC_472	25	4460	0.77	0.77	0.07	0.77	0.48	0.73	0.77	0.76	0.74	0.59	0.63	0.39	0.53	0.77	0.00	-0.5%
NC_473	10	4357	0.78	0.79	0.08	0.79	0.79	0.72	0.71	0.72	0.55	0.44	0.46	0.26	0.37	0.79	0.00	0.4%
NC_474	20	4433	0.42	0.41	0.05	0.42	0.26	0.41	0.42	0.42	0.39	0.31	0.33	0.20	0.28	0.42	0.00	0.7%
NC_475	10	4364	0.79	0.79	0.08	0.79	0.79	0.67	0.66	0.67	0.50	0.40	0.42	0.23	0.34	0.79	0.00	0.3%
NC_476	20	4433	0.55	0.53	0.08	0.53	0.46	0.53	0.53	0.53	0.45	0.36	0.36	0.21	0.31	0.53	0.00	0.0%
NC_477	20	4371	0.66	0.62	0.11	0.63	0.64	0.63	0.62	0.62	0.49	0.40	0.41	0.23	0.33	0.64	0.01	1.7%
NC_478	10	4364	1.45	1.46	0.11	1.46	1.46	1.23	1.30	1.28	0.99	0.76	0.81	0.46	0.67	1.46	0.00	0.3%
NC_479	10	4364	2.29	2.30	0.12	2.31	2.31	1.89	2.13	2.06	1.62	1.20	1.30	0.75	1.09	2.31	0.00	0.1%
NC_480	10	4364	1.30	1.31	0.12	1.32	1.32	1.11	1.11	1.11	0.84	0.67	0.70	0.39	0.56	1.32	0.00	-0.1%
NC_481	45	4528	0.82	0.81	0.10	0.82	0.36	0.72	0.75	0.74	0.82	0.71	0.73	0.47	0.61	0.82	0.00	0.5%
NC_482	10	4364	1.56	1.57	0.12	1.58	1.58	1.35	1.42	1.40	1.09	0.84	0.88	0.50	0.73	1.58	0.00	0.2%
NC_483	60	4558	31.76	31.27	1.88	31.40	11.28	18.15	18.63	18.60	30.89	31.40	33.11	24.05	26.08	33.11	1.71	5.4%
NC_484	60	4558	5.00	4.96	0.23	4.97	1.97	3.09	3.13	3.12	4.73	4.97	4.73	4.04	3.34	4.97	0.00	0.0%
NC_485	45	4528	5.84	5.83	0.38	6.02	3.47	4.92	5.32	5.27	6.02	5.48	5.57	4.05	4.35	6.02	0.00	-0.1%
NC_486	20	4371	0.90	0.83	0.15	0.83	0.90	0.83	0.83	0.83	0.65	0.52	0.54	0.30	0.44	0.90	0.07	7.8%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_487	10	4364	0.97	0.96	0.08	0.96	0.96	0.85	0.77	0.82	0.58	0.47	0.49	0.27	0.39	0.96	0.00	0.3%
NC_488	180	4651	5.62	5.76	0.62	5.90	1.34	2.70	2.71	2.71	4.22	4.65	5.65	5.94	5.55	5.94	0.04	0.7%
NC_489	20	4433	0.99	0.92	0.16	0.93	0.98	0.92	0.92	0.93	0.73	0.58	0.60	0.34	0.50	0.98	0.05	5.6%
NC_490	10	4364	0.95	0.95	0.09	0.96	0.96	0.81	0.79	0.80	0.59	0.48	0.50	0.27	0.40	0.96	0.00	-0.3%
NC_491	10	4364	0.99	0.98	0.09	0.99	0.99	0.85	0.80	0.84	0.60	0.49	0.51	0.28	0.41	0.99	0.00	-0.1%
NC_492	60	4558	27.24	27.04	1.68	27.07	11.06	18.27	18.73	18.73	26.56	27.07	27.47	22.20	20.96	27.47	0.40	1.5%
NC_493	20	4429	1.35	1.27	0.20	1.28	1.34	1.21	1.28	1.26	1.00	0.77	0.81	0.46	0.68	1.34	0.06	4.9%
NC_494	10	4364	1.41	1.42	0.11	1.43	1.43	1.22	1.29	1.27	0.99	0.76	0.81	0.46	0.67	1.43	0.00	0.0%
NC_495	20	4371	0.63	0.60	0.10	0.60	0.59	0.60	0.60	0.60	0.48	0.39	0.40	0.22	0.33	0.60	0.00	0.3%
NC_496	10	4364	0.73	0.73	0.08	0.74	0.74	0.66	0.64	0.65	0.49	0.40	0.42	0.23	0.33	0.74	0.00	0.0%
NC_497	45	4528	0.80	0.79	0.09	0.81	0.32	0.67	0.70	0.69	0.81	0.69	0.71	0.46	0.59	0.81	0.00	-0.1%
NC_498	20	4371	0.91	0.84	0.15	0.84	0.91	0.84	0.83	0.84	0.65	0.52	0.54	0.30	0.44	0.91	0.07	8.8%
NC_499	120	4617	51.41	51.58	1.79	51.79	18.62	29.85	30.50	30.47	42.12	43.68	51.85	52.86	47.13	52.86	1.07	2.1%
NC_500	25	4461	1.89	1.92	0.18	1.95	1.10	1.63	1.85	1.78	1.82	1.42	1.54	0.92	1.30	1.85	-0.10	-5.2%
NC_501	10	4364	2.30	2.31	0.12	2.32	2.32	1.94	2.17	2.11	1.67	1.24	1.33	0.77	1.13	2.32	0.00	-0.2%
NC_502	120	4499	164.34	163.89	12.74	165.07	48.91	88.41	88.91	88.92	134.80	147.25	165.07	171.93	146.29	171.93	6.86	4.2%
NC_503	10	4364	1.72	1.72	0.13	1.73	1.73	1.39	1.44	1.42	1.07	0.83	0.88	0.50	0.72	1.73	0.00	0.2%
NC_504	20	4399	1.41	1.39	0.13	1.39	0.95	1.28	1.42	1.38	1.32	1.01	1.10	0.64	0.93	1.42	0.03	2.4%
NC_505	20	4433	1.11	1.06	0.13	1.07	0.96	1.04	1.08	1.07	0.93	0.73	0.76	0.45	0.64	1.08	0.01	0.7%
NC_506	60	4558	5.03	5.02	0.29	5.03	2.00	3.10	3.14	3.13	4.83	5.03	4.79	3.92	3.31	5.03	0.00	-0.1%
NC_507	10	4364	3.45	3.47	0.17	3.48	3.48	2.78	3.15	3.05	2.38	1.77	1.92	1.10	1.61	3.48	0.00	0.1%
NC_508	20	4399	0.92	0.91	0.08	0.91	0.65	0.86	0.92	0.91	0.83	0.64	0.69	0.41	0.58	0.92	0.01	1.2%
NC_509	25	4460	0.85	0.86	0.08	0.86	0.43	0.78	0.84	0.82	0.83	0.65	0.71	0.43	0.59	0.84	-0.02	-1.9%
NC_510	10	4364	2.25	2.26	0.12	2.27	2.27	1.90	2.12	2.06	1.62	1.21	1.31	0.75	1.10	2.27	0.00	0.0%
NC_511	10	4364	1.39	1.40	0.11	1.41	1.41	1.21	1.28	1.26	0.98	0.75	0.80	0.45	0.66	1.41	0.00	0.1%
NC_512	10	4364	0.92	0.93	0.09	0.94	0.94	0.85	0.85	0.85	0.66	0.53	0.55	0.30	0.44	0.94	0.00	-0.4%
NC_513	10	4364	2.01	2.02	0.12	2.03	2.03	1.63	1.82	1.77	1.37	1.03	1.11	0.64	0.93	2.03	0.00	-0.1%
NC_514	10	4364	1.15	1.15	0.11	1.16	1.16	0.98	0.95	0.97	0.72	0.57	0.60	0.33	0.48	1.16	0.00	-0.2%
NC_515	25	4460	1.28	1.29	0.10	1.30	0.59	1.12	1.21	1.18	1.27	1.02	1.10	0.67	0.91	1.27	-0.03	-2.0%
NC_516	10	4364	2.19	2.20	0.10	2.21	2.21	1.77	2.01	1.94	1.53	1.13	1.23	0.71	1.04	2.21	0.00	-0.1%
NC_517	20	4433	0.54	0.53	0.05	0.53	0.31	0.52	0.54	0.53	0.51	0.40	0.44	0.27	0.37	0.54	0.01	1.1%
NC_518	15	4401	2.84	2.75	0.27	2.77	2.82	2.32	2.73	2.62	2.09	1.53	1.68	0.96	1.41	2.82	0.04	1.6%
NC_519	120	4499	164.41	163.97	12.76	165.19	48.97	88.52	89.02	89.03	134.94	147.40	165.19	171.94	146.40	171.94	6.75	4.1%
NC_520	120	4617	51.42	51.59	1.77	51.82	18.59	29.83	30.47	30.44	42.11	43.70	51.86	52.92	47.15	52.92	1.10	2.1%
NC_521	20	4433	0.43	0.42	0.05	0.43	0.26	0.41	0.43	0.43	0.40	0.31	0.34	0.20	0.28	0.43	0.00	0.2%
NC_522	10	4364	1.96	1.97	0.14	1.98	1.98	1.72	1.82	1.80	1.41	1.08	1.13	0.65	0.95	1.98	0.00	-0.1%
NC_523	10	4364	1.62	1.63	0.13	1.64	1.64	1.35	1.43	1.41	1.08	0.83	0.88	0.50	0.73	1.64	0.00	-0.1%
NC_524	60	4558	27.18	26.97	1.63	27.01	10.93	18.19	18.62	18.62	26.47	27.01	27.41	22.33	20.91	27.41	0.40	1.5%
NC_525	25	4394	1.12	1.12	0.06	1.13	0.57	1.00	1.06	1.05	1.11	0.91	0.93	0.58	0.76	1.11	-0.02	-1.9%
NC_526	25	4394	19.59	19.83	1.19	19.94	14.13	17.33	19.20	18.88	19.15	17.78	20.06	14.97	16.02	20.06	0.12	0.6%
NC_527	45	4528	1.36	1.35	0.12	1.38	0.57	1.08	1.10	1.09	1.38	1.20	1.20	0.76	0.92	1.38	0.00	-0.2%
NC_528	45	4534	2.34	2.36	0.10	2.38	0.83	1.62	1.66	1.65	2.42	2.29	2.25	1.54	1.70	2.42	0.04	1.8%
NC_529	60	4558	2.47	2.45	0.19	2.45	0.83	1.62	1.66	1.65	2.46	2.45	2.37	1.71	1.82	2.46	0.01	0.5%
NC_530	10	4357	0.84	0.85	0.09	0.85	0.85	0.77	0.76	0.77	0.59	0.47	0.49	0.27	0.40	0.85	0.00	0.5%
NC_531	20	4371	0.74	0.69	0.13	0.69	0.74	0.69	0.68	0.69	0.54	0.43	0.45	0.25	0.36	0.74	0.05	7.1%
NC_532	120	4499	164.53	164.11	12.80	165.38	49.07	88.68	89.19	89.20	135.16	147.63	165.38	171.97	146.45	171.97	6.59	4.0%
NC_533	10	4364	0.78	0.78	0.08	0.79	0.79	0.67	0.66	0.67	0.50	0.41	0.42	0.23	0.34	0.79	0.00	0.0%
NC_534	45	4528	2.05	2.06	0.19	2.09	0.84	1.59	1.64	1.63	2.09	1.86	1.85	1.20	1.43	2.09	0.00	-0.1%
NC_535	120	4499	164.59	164.15	12.84	165.51	49.14	88.79	89.30	89.31	135.31	147.79	165.51	171.92	146.60	171.92	6.41	3.9%
NC_536	45	4528	2.21	2.24	0.15	2.29	0.83	1.60	1.65	1.64	2.29	2.08	2.06	1.36	1.55	2.29	0.00	0.0%
NC_537	10	4364	0.81	0.81	0.08	0.81	0.81	0.69	0.66	0.68	0.50	0.41	0.43	0.23	0.34	0.81	0.00	0.5%
NC_538	15	4401	3.10	2.98	0.30	3.01	3.04	2.59	3.02	2.90	2.32	1.70	1.86	1.06	1.57	3.04	0.03	1.1%
NC_539	60	4558	27.08	26.86	1.57	26.89	10.81	18.07	18.49	18.49	26.34	26.89	27.29	22.44	20.84	27.29	0.40	1.5%
NC_540	10	4364	0.76	0.77	0.08	0.77	0.77	0.67	0.65	0.66	0.50	0.40	0.42	0.23	0.34	0.77	0.00	0.3%
NC_541	60	4558	5.07	5.05	0.41	5.05	2.07	3.11	3.16	3.15	5.15	5.05	4.84	3.80	3.27	5.15	0.09	1.9%
NC_542	10	4357	0.76	0.76	0.08	0.77	0.77	0.67	0.66	0.66	0.50	0.41	0.42	0.23	0.34	0.77	0.00	-0.3%
NC_543	15	4401	3.65	3.57	0.27	3.61	3.44	2.97	3.57	3.42	2.75	1.99	2.21	1.25	1.85	3.57	-0.04	-1.1%
NC_544	20	4429	0.66	0.65	0.10	0.65	0.53	0.65	0.65	0.65	0.57	0.45	0.47	0.28	0.40	0.65	0.00	-0.5%
NC_545	20	4433	1.02	1.00	0.10	1.00	0.76	0.97	1.01	1.00	0.93	0.72	0.77	0.47	0.65	1.01	0.01	1.4%
NC_546	20	4433	0.58	0.57	0.06	0.58	0.36	0.56	0.58	0.58	0.55	0.43	0.47	0.29	0.39	0.58	0.00	0.2%
NC_547	20	4433	0.45	0.44	0.06	0.45	0.30	0.44	0.45	0.45	0.41	0.32	0.34	0.20	0.29	0.45	0.00	-0.4%
NC_548	10	4357	0.87	0.88	0.05	0.88	0.88	0.70	0.79	0.76	0.59	0.44	0.48	0.27	0.40	0.88	0.00	-0.1%
NC_549	20	4371	0.64	0.60	0.11	0.61	0.63	0.61	0.60	0.60	0.47	0.38	0.39	0.22	0.32	0.63	0.02	3.0%
NC_550	20	4433	0.99	0.96	0.13	0.97	0.75	0.94	0.99	0.97	0.87	0.67	0.71	0.42	0.60	0.99	0.02	1.8%
NC_551	20	4399	1.43	1.42	0.12	1.43	0.92	1.31	1.46	1.41	1.37	1.06	1.16	0.70	0.97	1.46	0.03	2.0%
NC_552	20	4429	1.37	1.31	0.19	1.32	1.32	1.25	1.32	1.30	1.05	0.81	0.85	0.49	0.71	1.32	0.00	0.0%
NC_553	20	4433	1.22	1.19	0.13	1.19	1.09	1.12	1.21	1.19	1.00	0.76	0.79	0.46	0.67	1.21	0.02	1.3%
NC_554	20	4433	0.46	0.45	0.05	0.45	0.28	0.44	0.46	0.45	0.43	0.33	0.36	0.22	0.31	0.46	0.01	2.2%
NC_555	15	4401	6.38	6.15	0.61	6.20	6.21	5.28	6.18	5.93	4.76	3.52	3.83	2.18	3.23	6.21	0.01	0.2%
NC_556	20	4371	0.52	0.50	0.08	0.50	0.41	0.50	0.50	0.50	0.44	0.35	0.35	0.21	0.30	0.50	0.00	0.2%
NC_557	20	4371	0.79	0.74	0.13	0.74	0.79	0.74	0.73	0.73	0.58	0.46	0.48	0.27	0.39	0.79	0.05	6.4%
NC_558	60	4558	27.35	27.06	1.44	27.09	10.79	18.10	18.51	18.51	26.43	27.09	27.52	23.21	21.05	27.52	0.43	1.6%
NC_559	15	4401	6.91	6.77	0.55	6.84	6.60	5.59	6.74	6.39	5.22	3.84	4.22	2.38	3.53	6.74	-0.10	-1.4%
NC_560	180	4651	6.05	6.12	0.57	6.20	1.42	2.75	2.76	2.76	4.31	4.77	5.83	6.25	6.10	6.25	0.05	0.8%
NC_561	15	4401	8.08	8.02	0.54	8.10	7.54	6.43	7.89	7.48	6.18	4.52	4.98	2.81	4.21	7.89	-0.21	-2.6%
NC_562	10	4364	1.38	1.39	0.13	1.40	1.40	1.19	1.19	1.19	0.91	0.72	0.75	0.42	0.61	1.40	0.00	-0.1%
NC_563	20	4371	0.97	0.90	0.16	0.90	0.98	0.90	0.90	0.90	0.70	0.56	0.58	0.33	0.48	0.98	0.08	9.2%
NC_564	20	4433	1.19	1.15	0.13	1.15	1.09	1.09	1.17	1.15	0.95	0.72	0.74	0.43	0.63	1.17	0.02	1.3%
NC_565	10	4364	0.78	0.78	0.08	0.79	0.79	0.67	0.66	0.67	0.50	0.41	0.42	0.23	0.34	0.79	0.00	0.1%
NC_566	10	4364	0.86	0.87	0.09	0.87	0.87	0.76	0.75	0.75	0.57	0.46	0.48	0.26	0.38	0.87	0.00	0.3%
NC_567	10	4357	0.73	0.74	0.08	0.74	0.74	0.66	0.64	0.65	0.49	0.40	0.42	0.23	0.33	0.74	0.00	0.5%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_568	20	4433	0.56	0.53	0.09	0.54	0.49	0.54	0.53	0.54	0.45	0.36	0.36	0.21	0.31	0.54	0.00	-0.4%
NC_569	20	4367	0.64	0.61	0.08	0.62	0.60	0.56	0.63	0.60	0.49	0.37	0.40	0.23	0.33	0.63	0.01	0.8%
NC_570	20	4433	0.60	0.57	0.09	0.57	0.53	0.57	0.57	0.57	0.47	0.38	0.39	0.22	0.32	0.57	0.00	0.7%
NC_571	120	4617	53.01	52.97	1.44	53.18	19.31	31.13	31.03	31.04	43.89	45.84	53.58	54.74	49.35	54.74	1.56	2.9%
NC_572	20	4433	0.95	0.92	0.11	0.93	0.78	0.90	0.94	0.93	0.83	0.64	0.68	0.40	0.57	0.94	0.01	0.8%
NC_573	15	4401	9.04	9.11	0.33	9.16	7.96	7.18	8.99	8.67	7.20	5.22	5.73	3.23	4.86	8.99	-0.17	-1.8%
NC_574	120	4499	86.90	86.92	6.57	88.73	31.45	53.12	53.65	53.69	76.19	80.23	88.73	88.02	75.93	88.73	0.00	0.0%
NC_575	45	4528	11.24	11.06	1.10	11.56	6.21	9.63	10.46	10.27	11.56	9.37	9.87	6.05	7.98	11.56	0.00	0.0%
NC_576	20	4371	0.68	0.64	0.12	0.64	0.67	0.64	0.63	0.64	0.50	0.40	0.42	0.23	0.34	0.67	0.03	5.0%
NC_577	60	4558	30.93	30.47	1.52	30.58	10.77	17.76	18.20	18.17	29.73	30.58	32.26	25.29	25.58	32.26	1.68	5.5%
NC_578	20	4433	0.55	0.53	0.09	0.53	0.48	0.53	0.53	0.53	0.44	0.35	0.36	0.21	0.30	0.53	0.00	0.6%
NC_579	20	4433	0.94	0.91	0.11	0.92	0.66	0.89	0.94	0.92	0.84	0.65	0.70	0.41	0.59	0.94	0.02	1.8%
NC_580	10	4364	0.87	0.87	0.08	0.87	0.87	0.75	0.71	0.74	0.53	0.43	0.45	0.25	0.36	0.87	0.00	0.3%
NC_581	25	4458	14.50	14.34	0.94	14.55	11.32	12.44	14.42	14.19	12.71	9.39	9.89	5.75	8.04	14.42	-0.13	-0.9%
NC_582	20	4433	0.43	0.42	0.05	0.43	0.27	0.42	0.43	0.43	0.40	0.31	0.34	0.20	0.28	0.43	0.00	0.7%
NC_583	20	4371	0.87	0.82	0.14	0.82	0.86	0.82	0.81	0.82	0.65	0.52	0.54	0.30	0.44	0.86	0.04	4.5%
NC_584	20	4371	0.68	0.64	0.12	0.64	0.67	0.64	0.63	0.63	0.50	0.40	0.41	0.23	0.34	0.67	0.03	5.3%
NC_585	60	4558	27.24	26.95	1.38	26.98	10.65	17.97	18.36	18.36	26.29	26.98	27.40	23.35	21.00	27.40	0.42	1.5%
NC_586	20	4367	9.99	10.15	0.77	10.25	8.56	8.24	10.02	9.78	8.12	5.85	6.42	3.64	5.43	10.02	-0.23	-2.3%
NC_587	60	4558	37.38	36.77	1.35	36.82	15.07	25.22	25.60	25.62	35.98	36.82	37.11	33.17	28.96	37.11	0.29	0.8%
NC_588	10	4364	2.29	2.30	0.17	2.31	2.31	1.91	2.05	2.01	1.55	1.19	1.26	0.72	1.05	2.31	0.00	0.2%
NC_589	20	4433	1.01	0.98	0.13	0.99	0.77	0.95	1.01	0.99	0.89	0.68	0.73	0.43	0.62	1.01	0.02	2.1%
NC_590	20	4399	2.95	2.92	0.24	2.93	2.52	2.73	2.95	2.91	2.49	1.90	1.93	1.16	1.63	2.95	0.01	0.5%
NC_591	25	4458	14.66	14.57	0.73	14.82	10.50	12.74	14.22	14.10	13.45	10.13	10.45	6.15	8.31	14.22	-0.60	-4.0%
NC_592	20	4371	0.86	0.80	0.14	0.80	0.85	0.80	0.79	0.80	0.63	0.50	0.52	0.29	0.43	0.85	0.05	6.2%
NC_593	120	4499	86.93	86.93	6.57	88.73	31.43	53.09	53.62	53.65	76.18	80.23	88.73	88.09	75.93	88.73	0.00	0.0%
NC_594	20	4433	0.47	0.46	0.07	0.46	0.33	0.45	0.46	0.46	0.41	0.32	0.34	0.20	0.29	0.46	0.00	0.0%
NC_595	30	4498	10.63	10.43	1.13	10.56	5.98	9.18	9.98	9.80	10.86	8.75	9.25	5.66	7.53	10.86	0.30	2.8%
NC_596	20	4429	1.46	1.39	0.20	1.40	1.40	1.32	1.40	1.38	1.12	0.86	0.91	0.52	0.76	1.40	0.00	0.2%
NC_597	10	4364	0.85	0.83	0.07	0.84	0.84	0.74	0.67	0.72	0.50	0.41	0.43	0.23	0.34	0.84	0.00	-0.2%
NC_598	120	4499	158.94	157.98	12.91	160.85	48.40	87.08	87.60	87.60	132.32	144.39	160.85	164.40	141.69	164.40	3.55	2.2%
NC_599	10	4364	1.57	1.58	0.12	1.59	1.59	1.32	1.40	1.38	1.06	0.82	0.87	0.49	0.72	1.59	0.00	0.2%
NC_600	20	4367	11.11	11.24	0.75	11.30	9.14	9.42	11.13	10.97	9.17	6.59	7.18	4.10	6.05	11.13	-0.17	-1.5%
NC_601	120	4499	86.94	86.92	6.56	88.73	31.40	53.05	53.58	53.61	76.16	80.22	88.73	88.13	75.91	88.73	0.00	0.0%
NC_602	20	4433	2.22	2.11	0.27	2.11	2.06	1.99	2.17	2.11	1.76	1.33	1.42	0.82	1.21	2.17	0.06	2.7%
NC_603	120	4499	94.20	93.16	6.24	94.27	32.22	54.04	54.44	54.49	79.23	86.30	94.27	95.53	82.91	95.53	1.26	1.3%
NC_604	120	4499	120.61	121.12	11.74	126.64	41.98	71.51	72.19	72.24	108.92	116.79	126.64	120.23	108.32	126.64	0.00	0.0%
NC_605	120	4499	164.35	163.45	13.16	166.10	49.60	89.52	90.05	90.05	136.21	148.70	166.10	170.41	146.72	170.41	4.31	2.6%
NC_606	120	4499	94.13	93.11	6.23	94.26	31.71	53.96	54.33	54.39	79.22	86.18	94.26	95.60	82.97	95.60	1.34	1.4%
NC_607	120	4499	94.28	93.22	6.25	94.31	32.63	54.11	54.53	54.58	79.25	86.40	94.31	95.53	82.90	95.53	1.22	1.3%
NC_608	20	4399	12.35	12.59	1.00	12.79	10.68	10.06	12.34	11.98	10.13	7.36	8.01	4.54	6.56	12.34	-0.45	-3.5%
NC_609	25	4458	11.08	10.98	0.64	11.11	8.27	9.74	10.92	10.83	9.87	7.30	7.63	4.45	6.25	10.92	-0.19	-1.7%
NC_610	120	4499	120.66	121.07	11.69	126.49	41.75	71.40	72.05	72.10	108.73	116.58	126.49	120.53	108.36	126.49	0.00	0.0%
NC_611	10	4364	1.27	1.28	0.12	1.29	1.29	1.11	1.11	1.12	0.85	0.68	0.71	0.39	0.57	1.29	0.00	-0.2%
NC_612	20	4367	2.77	2.68	0.28	2.69	2.58	2.40	2.75	2.64	2.22	1.66	1.80	1.03	1.52	2.75	0.06	2.1%
NC_613	20	4429	1.54	1.46	0.21	1.48	1.52	1.39	1.48	1.45	1.17	0.89	0.94	0.54	0.79	1.52	0.04	2.7%
NC_614	25	4462	1.73	1.76	0.18	1.79	1.09	1.54	1.73	1.67	1.66	1.29	1.40	0.83	1.16	1.73	-0.06	-3.2%
NC_615	20	4433	0.60	0.57	0.09	0.57	0.52	0.57	0.58	0.57	0.47	0.37	0.39	0.22	0.33	0.58	0.01	0.9%
NC_616	120	4499	89.97	89.46	6.26	90.65	31.66	53.58	54.09	54.12	77.33	82.70	90.65	91.18	78.23	91.18	0.53	0.6%
NC_617	20	4371	0.85	0.79	0.14	0.80	0.82	0.80	0.79	0.79	0.64	0.51	0.52	0.29	0.43	0.82	0.02	2.2%
NC_618	10	4364	0.72	0.73	0.08	0.73	0.73	0.65	0.64	0.65	0.49	0.40	0.41	0.23	0.33	0.73	0.00	0.5%
NC_619	120	4499	120.47	120.95	11.70	126.41	41.72	71.40	72.05	72.10	108.71	116.52	126.41	120.21	108.22	126.41	0.00	0.0%
NC_620	120	4499	158.90	157.91	12.94	160.89	48.43	87.12	87.64	87.64	132.39	144.44	160.89	164.25	141.67	164.25	3.36	2.1%
NC_621	120	4499	164.33	163.46	13.12	166.00	49.54	89.42	89.95	89.95	136.07	148.55	166.00	170.52	146.73	170.52	4.52	2.7%
NC_622	25	4464	0.74	0.73	0.06	0.74	0.37	0.67	0.71	0.70	0.73	0.61	0.64	0.40	0.53	0.73	-0.01	-1.4%
NC_623	120	4499	91.04	90.19	6.16	91.25	31.58	53.52	53.99	54.03	77.57	83.32	91.25	92.64	79.28	92.64	1.39	1.5%
NC_624	10	4364	0.87	0.87	0.08	0.87	0.87	0.74	0.73	0.73	0.55	0.44	0.46	0.25	0.37	0.87	0.00	0.5%
NC_625	25	4461	2.93	2.96	0.19	2.97	2.10	2.61	2.91	2.88	2.70	2.07	2.13	1.29	1.74	2.91	-0.06	-2.0%
NC_626	60	4558	37.48	36.85	1.38	36.89	15.20	25.38	25.76	25.78	36.11	36.89	37.20	33.08	29.05	37.20	0.31	0.8%
NC_627	20	4433	0.48	0.47	0.07	0.47	0.34	0.47	0.47	0.47	0.43	0.34	0.35	0.21	0.30	0.47	0.00	0.6%
NC_628	20	4433	0.48	0.47	0.07	0.47	0.36	0.47	0.47	0.47	0.42	0.33	0.34	0.20	0.29	0.47	0.00	0.9%
NC_629	120	4499	90.39	89.73	6.19	90.83	31.66	53.58	54.08	54.12	77.39	82.93	90.83	91.71	78.62	91.71	0.88	1.0%
NC_630	25	4462	1.40	1.42	0.14	1.44	0.80	1.26	1.38	1.34	1.35	1.06	1.16	0.70	0.96	1.38	-0.06	-4.3%
NC_631	10	4364	0.85	0.84	0.07	0.84	0.84	0.75	0.67	0.72	0.51	0.41	0.43	0.23	0.34	0.84	0.00	0.4%
NC_632	10	4357	0.75	0.75	0.08	0.76	0.76	0.67	0.66	0.66	0.51	0.41	0.42	0.23	0.34	0.76	0.00	-0.1%
NC_633	10	4364	0.79	0.79	0.08	0.80	0.80	0.69	0.67	0.68	0.51	0.41	0.43	0.24	0.34	0.80	0.00	-0.5%
NC_634	25	4458	15.51	15.43	0.64	15.65	10.33	13.57	14.81	14.71	14.93	11.56	11.72	7.01	9.18	14.93	-0.73	-4.6%
NC_635	45	4534	22.06	21.91	1.05	22.23	13.07	18.71	19.91	19.80	22.76	20.36	23.03	17.37	18.01	23.03	0.80	3.6%
NC_636	20	4371	0.65	0.61	0.11	0.61	0.62	0.61	0.60	0.61	0.48	0.39	0.40	0.22	0.33	0.62	0.01	2.3%
NC_637	60	4558	27.43	27.07	1.18	27.10	10.49	17.87	18.21	18.21	26.26	27.10	27.54	24.55	21.14	27.54	0.44	1.6%
NC_638	10	4364	1.62	1.63	0.13	1.64	1.64	1.41	1.49	1.47	1.15	0.89	0.93	0.53	0.78	1.64	0.00	0.0%
NC_639	30	4498	8.68	8.53	0.92	8.63	4.87	7.49	8.14	8.00	8.83	7.10	7.51	4.60	6.09	8.83	0.20	2.3%
NC_640	45	4528	0.70	0.68	0.08	0.70	0.31	0.61	0.64	0.63	0.70	0.59	0.61	0.39	0.51	0.70	0.00	0.0%
NC_641	10	4364	0.83	0.82	0.07	0.83	0.83	0.72	0.67	0.70	0.50	0.41	0.43	0.23	0.34	0.83	0.00	-0.1%
NC_642	45	4533	13.44	13.45	0.35	13.58	6.54	10.33	10.62	10.61	13.77	12.69	11.69	8.48	9.14	13.77	0.19	1.4%
NC_643	10	4364	0.81	0.81	0.08	0.82	0.82	0.70	0.67	0.69	0.50	0.41	0.43	0.23	0.34	0.82	0.00	-0.5%
NC_644	20	4429	12.71	12.69	1.08	12.72	11.34	10.58	12.72	12.16	10.35	7.60	8.36	4.74	6.98	12.72	0.00	0.0%
NC_645	20	4371	0.70	0.66	0.12	0.66	0.66	0.66	0.66	0.66	0.53	0.43	0.44	0.25	0.36	0.66	0.00	0.6%
NC_646	20	4433	0.43	0.42	0.05	0.43	0.27	0.42	0.43	0.43	0.40	0.31	0.34	0.20	0.28	0.43	0.00	0.7%
NC_647	10	4357	0.80	0.81	0.08	0.81	0.81	0.70	0.69	0.69	0.52	0.42	0.44	0.24	0.35	0.81	0.00	0.2%
NC_648	20	4428	2.88	2.86	0.21	2.88	2.42	2.55	2.90	2.81	2.46	1.86	1.96	1.15	1.64	2.90	0.02	0.6%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_649	20	4399	1.91	1.88	0.17	1.88	1.60	1.76	1.90	1.88	1.62	1.23	1.27	0.75	1.07	1.90	0.02	1.2%
NC_650	120	4499	90.43	89.74	6.19	90.84	31.61	53.51	54.01	54.05	77.37	82.92	90.84	91.81	78.68	91.81	0.97	1.1%
NC_651	10	4364	1.06	1.07	0.10	1.08	1.08	0.96	0.96	0.96	0.74	0.59	0.62	0.34	0.50	1.08	-0.01	-0.5%
NC_652	120	4499	157.39	155.40	13.28	160.37	48.38	87.01	87.53	87.54	132.16	144.13	160.37	161.73	140.98	161.73	1.36	0.8%
NC_653	20	4429	1.30	1.23	0.18	1.24	1.24	1.18	1.24	1.22	0.99	0.77	0.80	0.46	0.68	1.24	0.00	0.3%
NC_654	20	4367	1.39	1.33	0.19	1.34	1.31	1.26	1.34	1.32	1.08	0.83	0.88	0.50	0.74	1.34	0.00	0.1%
NC_655	20	4399	1.37	1.35	0.13	1.35	0.96	1.25	1.39	1.34	1.24	0.95	1.04	0.61	0.87	1.39	0.04	2.7%
NC_656	20	4429	10.98	10.95	0.97	10.99	9.84	9.16	11.00	10.47	8.90	6.56	7.23	4.09	6.04	11.00	0.00	0.0%
NC_657	120	4499	90.99	90.17	6.17	91.23	31.62	53.57	54.06	54.10	77.59	83.33	91.23	92.51	79.23	92.51	1.28	1.4%
NC_658	90	4395	136.88	138.17	6.90	138.37	47.88	78.83	79.65	79.56	120.85	130.88	142.04	135.80	122.26	142.04	3.67	2.7%
NC_659	20	4433	1.25	1.18	0.17	1.18	1.15	1.14	1.21	1.18	0.98	0.75	0.79	0.46	0.67	1.21	0.03	2.2%
NC_660	120	4499	90.44	89.74	6.19	90.85	31.59	53.49	53.98	54.02	77.36	82.92	90.85	91.86	78.71	91.86	1.01	1.1%
NC_661	20	4429	1.46	1.40	0.17	1.41	1.41	1.33	1.41	1.39	1.12	0.86	0.87	0.51	0.74	1.41	0.00	0.1%
NC_662	20	4433	1.04	1.02	0.10	1.03	0.67	0.98	1.05	1.03	0.98	0.76	0.83	0.50	0.69	1.05	0.02	1.9%
NC_663	20	4371	0.64	0.60	0.11	0.60	0.61	0.60	0.59	0.60	0.48	0.38	0.39	0.22	0.32	0.61	0.01	1.8%
NC_664	20	4399	1.94	1.86	0.22	1.86	1.80	1.71	1.92	1.86	1.56	1.17	1.26	0.72	1.07	1.92	0.06	3.4%
NC_665	20	4433	0.97	0.94	0.13	0.95	0.75	0.91	0.97	0.95	0.85	0.65	0.70	0.41	0.59	0.97	0.02	2.3%
NC_666	120	4499	157.48	155.49	13.31	160.53	48.44	87.11	87.63	87.64	132.31	144.29	160.53	161.76	141.13	161.76	1.23	0.8%
NC_667	20	4433	0.60	0.59	0.09	0.59	0.46	0.59	0.59	0.59	0.52	0.41	0.43	0.26	0.37	0.59	0.00	-0.2%
NC_668	20	4433	0.50	0.49	0.07	0.49	0.35	0.48	0.49	0.49	0.44	0.35	0.37	0.22	0.31	0.49	0.00	0.2%
NC_669	20	4371	0.70	0.65	0.12	0.66	0.70	0.66	0.65	0.65	0.51	0.41	0.42	0.24	0.34	0.70	0.04	5.5%
NC_670	10	4364	0.82	0.83	0.08	0.83	0.83	0.73	0.72	0.73	0.55	0.45	0.46	0.26	0.37	0.83	0.00	0.2%
NC_671	20	4429	0.59	0.58	0.09	0.58	0.45	0.58	0.58	0.58	0.51	0.41	0.42	0.25	0.36	0.58	0.00	-0.3%
NC_672	20	4367	1.68	1.61	0.19	1.62	1.55	1.48	1.65	1.60	1.33	1.01	1.08	0.62	0.92	1.65	0.03	1.8%
NC_673	10	4364	0.90	0.90	0.09	0.91	0.91	0.78	0.77	0.78	0.59	0.47	0.49	0.27	0.39	0.91	0.00	0.1%
NC_674	20	4371	0.64	0.60	0.11	0.61	0.62	0.61	0.60	0.60	0.48	0.38	0.39	0.22	0.32	0.62	0.01	2.0%
NC_675	20	4399	2.34	2.28	0.23	2.29	2.06	2.02	2.34	2.25	1.93	1.45	1.58	0.90	1.34	2.34	0.05	2.2%
NC_676	20	4433	1.59	1.54	0.18	1.54	1.37	1.43	1.59	1.54	1.33	1.00	1.08	0.62	0.91	1.59	0.05	3.1%
NC_677	10	4357	0.90	0.91	0.09	0.91	0.91	0.81	0.80	0.81	0.62	0.50	0.52	0.29	0.42	0.91	0.00	0.4%
NC_678	25	4460	2.38	2.39	0.16	2.39	1.57	2.20	2.36	2.33	2.25	1.77	1.81	1.14	1.50	2.36	-0.03	-1.4%
NC_679	20	4399	3.78	3.68	0.38	3.70	3.32	3.23	3.79	3.62	3.11	2.33	2.54	1.45	2.13	3.79	0.09	2.3%
NC_680	20	4433	0.55	0.53	0.09	0.53	0.47	0.53	0.53	0.53	0.45	0.36	0.36	0.21	0.31	0.53	0.00	0.4%
NC_681	20	4399	7.73	7.71	0.70	7.72	7.08	6.41	7.77	7.39	6.21	4.56	5.05	2.85	4.23	7.77	0.05	0.6%
NC_682	20	4433	1.32	1.28	0.16	1.29	1.10	1.23	1.31	1.29	1.12	0.86	0.92	0.53	0.77	1.31	0.02	1.9%
NC_683	20	4433	0.45	0.44	0.05	0.44	0.28	0.43	0.45	0.44	0.41	0.32	0.35	0.21	0.29	0.45	0.01	1.8%
NC_684	20	4429	1.23	1.17	0.18	1.18	1.18	1.12	1.18	1.16	0.95	0.73	0.77	0.44	0.64	1.18	0.00	0.3%
NC_685	20	4433	0.54	0.52	0.07	0.52	0.44	0.51	0.52	0.52	0.44	0.35	0.35	0.21	0.30	0.52	0.00	0.6%
NC_686	45	4533	12.64	12.61	0.43	12.78	6.73	10.20	10.62	10.59	13.04	11.57	10.93	7.67	8.55	13.04	0.26	2.0%
NC_687	20	4429	4.75	4.76	0.33	4.79	3.69	4.08	4.79	4.62	4.24	3.19	3.45	2.00	2.84	4.79	0.00	0.0%
NC_688	20	4429	1.75	1.66	0.25	1.68	1.68	1.59	1.68	1.64	1.34	1.03	1.09	0.62	0.91	1.68	0.00	0.2%
NC_689	20	4371	0.71	0.66	0.12	0.66	0.71	0.66	0.65	0.66	0.51	0.41	0.43	0.24	0.35	0.71	0.05	7.3%
NC_690	25	4464	2.02	2.01	0.08	2.02	1.28	1.90	1.92	1.92	1.96	1.59	1.54	0.99	1.25	1.96	-0.06	-3.2%
NC_691	20	4433	0.59	0.58	0.09	0.58	0.44	0.58	0.58	0.58	0.52	0.41	0.43	0.26	0.37	0.58	0.00	0.3%
NC_692	20	4404	1.48	1.48	0.10	1.48	1.17	1.35	1.48	1.46	1.25	0.93	0.96	0.56	0.81	1.48	0.00	0.3%
NC_693	25	4464	2.74	2.73	0.14	2.74	1.91	2.53	2.65	2.63	2.70	2.24	2.13	1.41	1.75	2.70	-0.04	-1.6%
NC_694	20	4433	0.74	0.72	0.10	0.73	0.55	0.71	0.74	0.73	0.65	0.50	0.53	0.31	0.45	0.74	0.01	1.4%
NC_695	20	4399	1.66	1.64	0.14	1.64	1.42	1.55	1.65	1.64	1.42	1.09	1.11	0.67	0.93	1.65	0.01	0.9%
NC_696	90	4395	137.15	138.36	6.78	138.53	47.82	78.95	79.72	79.64	120.91	130.98	142.20	136.36	122.62	142.20	3.67	2.7%
NC_697	20	4367	1.20	1.15	0.13	1.15	1.12	1.09	1.16	1.15	0.95	0.73	0.75	0.43	0.63	1.16	0.01	1.1%
NC_698	20	4433	0.49	0.48	0.06	0.49	0.30	0.47	0.49	0.49	0.46	0.36	0.39	0.23	0.33	0.49	0.00	0.0%
NC_699	10	4364	0.78	0.78	0.08	0.79	0.79	0.68	0.67	0.67	0.51	0.41	0.43	0.23	0.34	0.79	-0.01	-0.6%
NC_700	120	4499	157.40	155.42	13.42	160.65	48.52	87.22	87.74	87.75	132.48	144.48	160.65	161.31	141.19	161.31	0.66	0.4%
NC_701	20	4429	12.86	12.91	0.93	12.93	10.25	10.76	12.93	12.50	11.28	8.40	9.14	5.24	7.52	12.93	0.00	0.0%
NC_702	10	4364	0.72	0.73	0.08	0.73	0.73	0.65	0.64	0.65	0.49	0.40	0.41	0.23	0.33	0.73	0.00	0.1%
NC_703	10	4357	0.75	0.75	0.08	0.76	0.76	0.67	0.65	0.66	0.50	0.40	0.42	0.23	0.34	0.76	0.00	0.0%
NC_704	20	4433	0.49	0.48	0.06	0.48	0.33	0.48	0.49	0.48	0.44	0.35	0.37	0.22	0.31	0.49	0.01	1.3%
NC_705	20	4433	0.61	0.59	0.08	0.60	0.41	0.59	0.60	0.60	0.56	0.44	0.47	0.28	0.39	0.60	0.00	0.2%
NC_706	15	4401	4.47	4.40	0.34	4.45	4.22	3.59	4.43	4.18	3.46	2.55	2.83	1.60	2.36	4.43	-0.03	-0.6%
NC_707	20	4429	1.43	1.35	0.20	1.36	1.41	1.29	1.36	1.34	1.07	0.83	0.87	0.50	0.73	1.41	0.05	3.8%
NC_708	20	4429	12.58	12.60	0.95	12.65	10.21	10.52	12.65	12.19	10.89	8.08	8.82	5.04	7.26	12.65	0.00	0.0%
NC_709	30	4498	9.13	9.01	0.62	9.19	5.40	7.84	8.37	8.31	9.31	7.64	7.43	4.70	5.83	9.31	0.12	1.3%
NC_710	25	4394	3.52	3.57	0.18	3.57	2.17	3.13	3.37	3.33	3.46	2.78	2.81	1.78	2.26	3.46	-0.11	-3.2%
NC_711	20	4433	0.55	0.53	0.08	0.53	0.46	0.53	0.53	0.53	0.44	0.35	0.36	0.21	0.31	0.53	0.00	-0.4%
NC_712	20	4371	0.65	0.61	0.11	0.61	0.64	0.61	0.60	0.61	0.48	0.38	0.40	0.22	0.32	0.64	0.03	5.2%
NC_713	20	4433	1.06	1.03	0.14	1.04	0.83	1.00	1.06	1.04	0.92	0.71	0.76	0.44	0.64	1.06	0.02	1.5%
NC_714	120	4499	157.15	155.36	13.57	160.70	48.59	87.32	87.85	87.86	132.60	144.64	160.70	160.63	141.07	160.70	0.00	0.0%
NC_715	20	4399	1.51	1.49	0.14	1.49	1.08	1.38	1.53	1.48	1.37	1.05	1.15	0.68	0.96	1.53	0.04	2.7%
NC_716	20	4433	0.63	0.62	0.09	0.62	0.46	0.62	0.62	0.62	0.56	0.44	0.46	0.28	0.39	0.62	0.00	0.0%
NC_717	20	4433	1.09	1.04	0.15	1.05	0.96	1.01	1.07	1.05	0.89	0.68	0.72	0.42	0.61	1.07	0.02	2.0%
NC_718	20	4433	1.66	1.63	0.19	1.63	1.14	1.54	1.68	1.63	1.51	1.17	1.26	0.74	1.06	1.68	0.05	2.9%
NC_719	60	4405	3.04	2.94	0.23	2.95	1.52	2.28	2.32	2.32	2.89	2.94	2.72	2.29	2.24	2.94	-0.01	-0.2%
NC_720	20	4399	2.75	2.74	0.23	2.75	1.93	2.49	2.79	2.69	2.57	1.98	2.16	1.28	1.83	2.79	0.04	1.5%
NC_721	20	4371	0.68	0.63	0.12	0.64	0.68	0.64	0.63	0.63	0.49	0.40	0.41	0.23	0.33	0.68	0.04	5.6%
NC_722	20	4433	1.21	1.15	0.17	1.15	1.11	1.12	1.17	1.15	0.96	0.75	0.78	0.45	0.66	1.17	0.02	1.7%
NC_723	20	4433	1.04	1.00	0.12	1.00	0.95	0.97	1.02	1.00	0.87	0.67	0.70	0.41	0.60	1.02	0.02	1.6%
NC_724	20	4371	0.70	0.68	0.10	0.68	0.60	0.68	0.68	0.68	0.58	0.46	0.47	0.27	0.40	0.68	0.00	-0.6%
NC_725	30	4498	9.28	9.13	0.73	9.34	5.76	8.06	8.71	8.63	9.25	7.42	7.38	4.56	5.80	9.25	-0.09	-1.0%
NC_726	20	4433	0.45	0.44	0.06	0.44	0.31	0.44	0.45	0.44	0.40	0.32	0.33	0.20	0.28	0.45	0.01	1.4%
NC_727	20	4371	0.61	0.57	0.10	0.58	0.57	0.58	0.57	0.57	0.46	0.37	0.38	0.21	0.31	0.58	0.00	-0.7%
NC_728	20	4429	0.68	0.66	0.10	0.66	0.58	0.66	0.66	0.66	0.56	0.45	0.45	0.27	0.39	0.66	0.00	-0.6%
NC_729	20	4429	11.12	11.07	0.90	11.17	9.40	9.34	11.17	10.70	9.35	6.93	7.60	4.32	6.35	11.17	0.00	0.0%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_730	90	4395	141.05	142.34	6.88	142.53	48.11	79.60	80.35	80.27	122.15	133.42	146.72	140.81	127.94	146.72	4.19	2.9%
NC_731	20	4371	0.66	0.61	0.11	0.62	0.65	0.62	0.61	0.61	0.48	0.39	0.40	0.22	0.32	0.65	0.03	4.5%
NC_732	120	4499	156.61	155.23	13.90	160.74	48.68	87.45	87.97	87.98	132.79	144.85	160.74	159.04	141.08	160.74	0.00	0.0%
NC_733	20	4433	1.14	1.11	0.12	1.11	0.97	1.06	1.13	1.11	0.95	0.73	0.76	0.45	0.64	1.13	0.01	1.4%
NC_734	20	4371	0.65	0.61	0.11	0.61	0.63	0.61	0.61	0.61	0.48	0.39	0.40	0.22	0.33	0.63	0.02	3.6%
NC_735	10	4357	0.73	0.73	0.07	0.74	0.74	0.65	0.65	0.65	0.50	0.40	0.42	0.23	0.34	0.74	0.00	-0.4%
NC_736	10	4364	1.62	1.63	0.15	1.64	1.64	1.42	1.44	1.44	1.11	0.88	0.91	0.51	0.75	1.64	0.00	0.2%
NC_737	15	4401	3.84	3.70	0.38	3.74	3.75	3.20	3.77	3.58	2.93	2.19	2.39	1.36	2.00	3.77	0.03	0.7%
NC_738	20	4433	0.44	0.43	0.06	0.44	0.29	0.43	0.44	0.44	0.40	0.31	0.33	0.20	0.28	0.44	0.00	0.0%
NC_739	10	4364	0.85	0.86	0.09	0.87	0.87	0.78	0.78	0.78	0.60	0.48	0.50	0.28	0.41	0.87	-0.01	-0.6%
NC_740	45	4496	8.43	8.44	0.38	8.45	3.90	6.58	6.70	6.70	8.71	7.68	7.50	4.94	5.62	8.71	0.26	3.1%
NC_741	120	4499	156.51	155.04	13.78	160.47	48.57	87.26	87.80	87.80	132.51	144.50	160.47	159.34	140.89	160.47	0.00	0.0%
NC_742	15	4401	1.96	1.86	0.24	1.87	1.97	1.71	1.90	1.84	1.47	1.10	1.18	0.68	1.00	1.97	0.10	5.4%
NC_743	20	4433	0.60	0.58	0.09	0.58	0.52	0.58	0.58	0.58	0.48	0.39	0.39	0.23	0.33	0.58	0.00	-0.2%
NC_744	25	4461	6.70	6.83	0.60	6.84	4.37	5.88	6.60	6.40	6.55	5.15	5.56	3.37	4.56	6.60	-0.24	-3.5%
NC_745	20	4429	8.83	8.74	0.75	8.85	7.52	7.46	8.85	8.46	7.35	5.44	5.98	3.40	5.03	8.85	0.00	0.0%
NC_746	20	4371	0.67	0.62	0.12	0.63	0.68	0.63	0.62	0.62	0.48	0.39	0.40	0.22	0.33	0.68	0.05	7.1%
NC_747	20	4429	1.25	1.20	0.14	1.21	1.19	1.14	1.21	1.20	0.97	0.75	0.76	0.44	0.65	1.21	0.00	-0.2%
NC_748	20	4371	0.60	0.57	0.10	0.57	0.55	0.57	0.57	0.57	0.47	0.37	0.38	0.22	0.32	0.57	0.00	0.7%
NC_749	25	4466	6.67	6.66	0.37	6.68	4.72	5.88	6.53	6.44	6.27	4.84	4.90	3.00	3.98	6.53	-0.15	-2.2%
NC_750	90	4395	156.86	158.33	7.97	158.86	54.64	91.58	92.54	92.45	136.79	148.98	163.19	155.21	142.01	163.19	4.33	2.7%
NC_751	10	4364	0.69	0.69	0.07	0.70	0.70	0.64	0.63	0.63	0.49	0.39	0.41	0.22	0.33	0.70	0.00	0.0%
NC_752	10	4364	1.38	1.39	0.11	1.40	1.40	1.23	1.29	1.27	1.00	0.77	0.81	0.46	0.68	1.40	0.00	-0.3%
NC_753	20	4371	0.90	0.84	0.15	0.84	0.89	0.84	0.84	0.84	0.67	0.53	0.55	0.31	0.45	0.89	0.05	5.6%
NC_754	45	4528	0.95	0.94	0.11	0.96	0.48	0.83	0.84	0.84	0.96	0.83	0.84	0.54	0.69	0.96	0.00	-0.2%
NC_755	20	4433	1.02	0.98	0.12	0.99	0.89	0.96	0.99	0.99	0.87	0.68	0.72	0.43	0.61	0.99	0.00	0.1%
NC_756	90	4395	157.06	158.59	8.02	159.15	54.92	91.81	92.83	92.73	136.90	149.20	163.39	155.13	142.18	163.39	4.23	2.7%
NC_757	20	4433	0.53	0.51	0.08	0.52	0.45	0.52	0.51	0.52	0.44	0.35	0.35	0.21	0.30	0.52	0.00	-0.8%
NC_758	20	4371	0.60	0.57	0.10	0.57	0.55	0.57	0.56	0.57	0.46	0.37	0.38	0.21	0.31	0.57	0.00	0.2%
NC_759	10	4364	0.80	0.81	0.08	0.82	0.82	0.72	0.71	0.72	0.55	0.44	0.46	0.25	0.37	0.82	-0.01	-0.6%
NC_760	20	4429	3.32	3.14	0.43	3.19	3.33	2.89	3.19	3.10	2.49	1.89	2.02	1.15	1.69	3.33	0.14	4.4%
NC_761	20	4433	0.47	0.46	0.07	0.46	0.34	0.46	0.46	0.46	0.41	0.33	0.34	0.20	0.29	0.46	0.00	0.7%
NC_762	20	4399	1.14	1.12	0.10	1.13	0.91	1.04	1.14	1.12	0.98	0.74	0.78	0.46	0.66	1.14	0.01	1.2%
NC_763	20	4399	1.75	1.74	0.15	1.74	1.18	1.59	1.78	1.71	1.64	1.26	1.38	0.81	1.15	1.78	0.04	2.2%
NC_764	20	4433	0.49	0.48	0.08	0.48	0.37	0.48	0.48	0.48	0.43	0.34	0.35	0.21	0.30	0.48	0.00	0.8%
NC_765	25	4461	1.57	1.59	0.12	1.60	1.07	1.41	1.57	1.55	1.43	1.07	1.13	0.67	0.93	1.57	-0.03	-1.9%
NC_766	10	4364	1.77	1.78	0.13	1.79	1.79	1.55	1.65	1.62	1.28	0.98	1.04	0.59	0.87	1.79	-0.01	-0.3%
NC_767	60	4558	14.20	14.00	0.67	14.02	5.10	9.30	9.43	9.42	13.82	14.02	13.27	11.08	10.27	14.02	0.00	0.0%
NC_768	10	4364	0.71	0.72	0.08	0.73	0.73	0.65	0.64	0.64	0.49	0.40	0.41	0.23	0.33	0.73	-0.01	-0.7%
NC_769	30	4498	6.26	6.15	0.48	6.29	3.61	5.27	5.72	5.66	6.48	5.40	5.53	3.46	4.27	6.48	0.19	3.0%
NC_770	90	4395	156.67	158.11	7.94	158.62	54.42	91.40	92.31	92.23	136.67	148.77	163.02	155.21	141.91	163.02	4.40	2.8%
NC_771	10	4364	0.99	1.00	0.10	1.01	1.01	0.91	0.91	0.91	0.71	0.57	0.59	0.33	0.48	1.01	0.00	0.0%
NC_772	20	4371	0.66	0.62	0.11	0.62	0.65	0.62	0.61	0.61	0.48	0.39	0.40	0.22	0.33	0.65	0.03	5.2%
NC_773	20	4433	0.56	0.54	0.09	0.54	0.49	0.54	0.54	0.54	0.45	0.36	0.37	0.21	0.31	0.54	0.00	0.0%
NC_774	20	4429	3.43	3.25	0.45	3.30	3.46	3.00	3.30	3.21	2.57	1.94	2.08	1.19	1.74	3.46	0.16	4.8%
NC_775	20	4433	1.03	0.95	0.17	0.95	1.03	0.95	0.95	0.95	0.75	0.60	0.62	0.35	0.51	1.03	0.08	8.6%
NC_776	20	4433	0.83	0.81	0.10	0.82	0.57	0.79	0.84	0.82	0.77	0.61	0.65	0.40	0.56	0.84	0.02	2.0%
NC_777	25	4466	5.94	5.95	0.34	5.99	3.89	5.10	5.71	5.61	5.89	4.74	4.98	3.06	3.94	5.89	-0.10	-1.7%
NC_778	20	4371	0.68	0.63	0.12	0.63	0.68	0.63	0.62	0.63	0.49	0.39	0.41	0.22	0.33	0.68	0.05	8.1%
NC_779	25	4394	6.75	6.83	0.40	6.86	4.54	5.99	6.58	6.48	6.63	5.58	5.64	3.75	4.59	6.63	-0.23	-3.4%
NC_780	30	4498	4.36	4.27	0.40	4.34	2.86	3.79	4.15	4.08	4.45	3.86	3.90	2.58	3.13	4.45	0.11	2.5%
NC_781	25	4464	0.90	0.90	0.09	0.90	0.48	0.83	0.89	0.87	0.87	0.69	0.75	0.46	0.63	0.89	-0.01	-1.6%
NC_782	10	4364	1.03	1.03	0.10	1.04	1.04	0.91	0.90	0.91	0.69	0.56	0.58	0.32	0.47	1.04	0.00	0.2%
NC_783	20	4433	1.05	1.01	0.14	1.02	0.85	0.98	1.04	1.02	0.89	0.68	0.73	0.42	0.61	1.04	0.02	1.7%
NC_784	20	4429	3.84	3.72	0.45	3.78	3.66	3.25	3.78	3.58	2.97	2.23	2.43	1.37	2.04	3.78	0.00	0.0%
NC_785	20	4399	2.86	2.84	0.23	2.85	1.94	2.61	2.90	2.80	2.73	2.12	2.31	1.38	1.93	2.90	0.05	1.6%
NC_786	10	4364	0.75	0.75	0.08	0.76	0.76	0.68	0.67	0.67	0.52	0.42	0.43	0.24	0.35	0.76	0.00	-0.3%
NC_787	25	4394	6.05	6.15	0.48	6.24	4.41	5.20	6.00	5.84	5.75	4.49	4.83	2.92	3.92	6.00	-0.24	-3.8%
NC_788	20	4433	0.50	0.49	0.07	0.50	0.34	0.49	0.50	0.50	0.45	0.36	0.38	0.23	0.32	0.50	0.00	-0.6%
NC_789	60	4558	14.27	14.07	0.71	14.09	5.16	9.39	9.53	9.52	13.93	14.09	13.33	10.93	10.31	14.09	0.00	0.0%
NC_790	20	4429	0.81	0.76	0.13	0.76	0.80	0.74	0.76	0.75	0.59	0.46	0.49	0.27	0.40	0.80	0.04	4.7%
NC_791	20	4429	1.35	1.27	0.20	1.28	1.37	1.20	1.28	1.26	0.99	0.76	0.80	0.46	0.67	1.37	0.09	6.6%
NC_792	20	4429	4.38	4.28	0.47	4.33	4.10	3.76	4.33	4.12	3.45	2.59	2.82	1.59	2.38	4.33	0.00	0.0%
NC_793	15	4401	2.24	2.12	0.26	2.14	2.24	1.93	2.17	2.10	1.68	1.26	1.35	0.78	1.14	2.24	0.09	4.4%
NC_794	20	4428	5.34	5.26	0.51	5.27	4.72	4.49	5.35	5.05	4.35	3.25	3.57	2.01	3.00	5.35	0.08	1.5%
NC_795	10	4357	0.83	0.82	0.08	0.83	0.83	0.70	0.69	0.69	0.52	0.42	0.44	0.24	0.35	0.83	0.00	0.1%
NC_796	25	4464	0.94	0.93	0.07	0.94	0.50	0.85	0.90	0.88	0.93	0.78	0.81	0.52	0.68	0.93	-0.01	-1.1%
NC_797	20	4428	4.78	4.71	0.42	4.72	4.22	4.11	4.80	4.58	4.10	3.14	3.45	2.03	2.88	4.80	0.08	1.7%
NC_798	20	4429	0.66	0.64	0.10	0.64	0.53	0.64	0.64	0.64	0.56	0.44	0.45	0.27	0.39	0.64	0.00	-0.5%
NC_799	20	4371	0.67	0.62	0.12	0.62	0.66	0.62	0.61	0.62	0.48	0.39	0.40	0.22	0.32	0.66	0.04	6.9%
NC_800	20	4433	0.55	0.53	0.08	0.54	0.43	0.53	0.54	0.54	0.46	0.36	0.38	0.22	0.32	0.54	0.00	0.0%
NC_801	20	4433	0.48	0.47	0.06	0.48	0.32	0.47	0.48	0.48	0.44	0.34	0.37	0.22	0.31	0.48	0.00	0.0%
NC_802	20	4399	1.75	1.70	0.17	1.71	1.57	1.53	1.74	1.69	1.40	1.03	1.13	0.64	0.95	1.74	0.03	1.9%
NC_803	45	4528	2.46	2.47	0.23	2.47	1.66	2.15	2.23	2.21	2.47	2.29	2.27	1.52	1.81	2.47	0.00	0.2%
NC_804	10	4364	1.65	1.66	0.12	1.67	1.67	1.46	1.56	1.53	1.21	0.93	0.97	0.56	0.81	1.67	0.00	0.0%
NC_805	20	4429	3.37	3.19	0.46	3.24	3.34	2.96	3.24	3.15	2.53	1.94	2.06	1.17	1.73	3.34	0.10	3.1%
NC_806	20	4371	0.82	0.76	0.14	0.76	0.82	0.76	0.75	0.76	0.59	0.48	0.49	0.27	0.40	0.82	0.05	7.2%
NC_807	10	4357	0.77	0.78	0.08	0.79	0.79	0.71	0.70	0.70	0.54	0.43	0.45	0.25	0.36	0.79	0.00	-0.3%
NC_808	20	4433	0.43	0.42	0.05	0.43	0.27	0.42	0.43	0.43	0.40	0.31	0.33	0.20	0.28	0.43	0.00	0.0%
NC_809	20	4429	1.28	1.22	0.17	1.23	1.26	1.15	1.23	1.21	0.97	0.74	0.77	0.45	0.65	1.26	0.03	2.6%
NC_810	20	4433	0.52	0.50	0.08	0.51	0.40	0.50	0.52	0.51	0.45	0.35	0.36	0.21	0.31	0.52	0.01	1.4%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_811	20	4371	0.57	0.55	0.09	0.55	0.45	0.55	0.55	0.55	0.48	0.38	0.39	0.23	0.33	0.55	0.00	-0.2%
NC_812	10	4364	0.82	0.83	0.08	0.83	0.83	0.75	0.74	0.74	0.57	0.46	0.48	0.26	0.39	0.83	0.00	0.2%
NC_813	20	4371	0.68	0.63	0.12	0.63	0.68	0.63	0.62	0.63	0.49	0.39	0.41	0.23	0.33	0.68	0.05	7.8%
NC_814	20	4399	3.63	3.56	0.33	3.57	3.13	3.17	3.64	3.47	3.16	2.44	2.67	1.59	2.23	3.64	0.07	1.9%
NC_815	60	4558	14.24	14.07	0.78	14.09	5.20	9.45	9.59	9.58	14.00	14.09	13.33	10.64	10.28	14.09	0.00	0.0%
NC_816	20	4371	0.66	0.62	0.11	0.62	0.65	0.62	0.61	0.61	0.48	0.39	0.40	0.22	0.32	0.65	0.03	5.5%
NC_817	10	4364	0.80	0.80	0.08	0.81	0.81	0.72	0.71	0.71	0.54	0.44	0.46	0.25	0.37	0.81	0.00	0.0%
NC_818	10	4357	0.75	0.75	0.08	0.76	0.76	0.68	0.66	0.67	0.51	0.41	0.43	0.24	0.34	0.76	0.00	-0.3%
NC_819	10	4364	0.81	0.82	0.08	0.82	0.82	0.71	0.70	0.70	0.53	0.43	0.45	0.24	0.35	0.82	0.00	0.4%
NC_820	10	4364	0.71	0.71	0.07	0.72	0.72	0.65	0.64	0.64	0.49	0.40	0.41	0.23	0.33	0.72	0.00	-0.4%
NC_821	20	4371	0.78	0.72	0.13	0.72	0.78	0.72	0.71	0.72	0.56	0.45	0.47	0.26	0.38	0.78	0.06	7.8%
NC_822	10	4357	0.78	0.78	0.08	0.79	0.79	0.70	0.69	0.69	0.53	0.43	0.44	0.24	0.36	0.79	0.00	-0.1%
NC_823	20	4429	0.51	0.50	0.08	0.50	0.40	0.50	0.50	0.50	0.44	0.34	0.35	0.21	0.30	0.50	0.00	0.0%
NC_824	20	4399	3.20	3.09	0.32	3.09	2.81	2.87	3.18	3.08	2.75	2.14	2.32	1.38	1.95	3.18	0.09	2.9%
NC_825	20	4433	0.69	0.68	0.10	0.68	0.51	0.67	0.68	0.68	0.62	0.49	0.52	0.31	0.44	0.68	0.00	0.0%
NC_826	20	4371	0.70	0.65	0.12	0.66	0.70	0.66	0.65	0.65	0.51	0.41	0.42	0.23	0.34	0.70	0.04	5.6%
NC_827	60	4558	13.99	13.85	0.88	13.87	5.20	9.42	9.57	9.56	13.91	13.87	13.13	10.11	10.07	13.91	0.04	0.3%
NC_828	20	4433	1.05	1.02	0.12	1.02	0.89	0.98	1.03	1.02	0.89	0.69	0.72	0.43	0.61	1.03	0.01	1.4%
NC_829	45	4528	2.11	2.13	0.18	2.14	1.21	1.72	1.74	1.75	2.14	1.97	1.97	1.29	1.47	2.14	0.00	0.2%
NC_830	20	4433	2.06	2.00	0.23	2.01	1.70	1.92	2.04	2.01	1.84	1.44	1.56	0.95	1.32	2.04	0.03	1.7%
NC_831	20	4371	0.67	0.62	0.12	0.63	0.66	0.63	0.62	0.62	0.49	0.39	0.40	0.22	0.33	0.66	0.03	5.1%
NC_832	45	4528	1.90	1.89	0.19	1.92	1.08	1.62	1.65	1.65	1.92	1.69	1.70	1.10	1.34	1.92	0.00	0.0%
NC_833	20	4371	0.61	0.58	0.10	0.58	0.56	0.58	0.57	0.58	0.47	0.38	0.39	0.22	0.32	0.58	0.00	0.2%
NC_834	60	4558	14.05	13.94	0.96	13.96	5.30	9.53	9.68	9.67	14.06	13.96	13.21	9.94	10.09	14.06	0.10	0.7%
NC_835	20	4433	0.89	0.87	0.09	0.88	0.67	0.87	0.88	0.88	0.85	0.69	0.74	0.47	0.62	0.88	0.00	-0.2%
NC_836	20	4433	0.56	0.54	0.07	0.54	0.47	0.51	0.55	0.54	0.47	0.35	0.38	0.22	0.32	0.55	0.01	2.4%
NC_837	20	4433	0.47	0.46	0.07	0.46	0.34	0.46	0.46	0.46	0.41	0.32	0.34	0.20	0.29	0.46	0.00	0.4%
NC_838	20	4433	0.53	0.51	0.06	0.51	0.43	0.48	0.52	0.51	0.45	0.34	0.37	0.21	0.31	0.52	0.01	2.5%
NC_839	60	4558	13.22	13.11	0.93	13.14	5.00	8.99	9.12	9.11	13.30	13.14	12.40	9.22	9.46	13.30	0.16	1.2%
NC_840	25	4460	1.62	1.63	0.11	1.63	0.91	1.43	1.55	1.52	1.61	1.32	1.39	0.87	1.15	1.61	-0.02	-1.0%
NC_841	20	4371	0.61	0.59	0.09	0.59	0.49	0.59	0.59	0.59	0.51	0.40	0.41	0.24	0.35	0.59	0.00	-0.5%
NC_842	45	4528	1.81	1.82	0.18	1.83	0.92	1.43	1.49	1.48	1.83	1.65	1.66	1.09	1.30	1.83	0.00	0.1%
NC_843	20	4433	0.86	0.84	0.08	0.85	0.59	0.82	0.86	0.85	0.81	0.63	0.68	0.42	0.57	0.86	0.01	0.8%
NC_844	20	4371	0.73	0.68	0.12	0.68	0.70	0.68	0.68	0.68	0.54	0.44	0.45	0.25	0.37	0.70	0.02	2.8%
NC_845	60	4558	13.19	13.09	0.99	13.11	5.03	8.99	9.12	9.11	13.35	13.11	12.38	9.06	9.39	13.35	0.24	1.8%
NC_846	20	4399	2.53	2.52	0.19	2.53	2.03	2.29	2.55	2.49	2.24	1.71	1.85	1.11	1.55	2.55	0.02	0.9%
NC_847	25	4461	3.23	3.23	0.14	3.23	1.96	2.84	3.05	3.03	3.19	2.59	2.63	1.65	2.09	3.19	-0.04	-1.1%
NC_848	20	4371	0.57	0.55	0.09	0.55	0.45	0.55	0.55	0.55	0.48	0.38	0.39	0.23	0.33	0.55	0.00	0.4%
NC_849	20	4433	0.46	0.45	0.06	0.45	0.32	0.45	0.46	0.45	0.41	0.32	0.34	0.20	0.29	0.46	0.01	1.3%
NC_850	45	4528	2.12	2.11	0.18	2.12	1.43	1.94	2.01	2.01	2.12	1.97	1.93	1.35	1.51	2.12	0.00	-0.2%
NC_851	60	4558	10.68	10.55	0.81	10.57	4.03	7.44	7.55	7.54	10.91	10.57	9.99	7.24	7.62	10.91	0.33	3.2%
NC_852	45	4528	0.76	0.74	0.09	0.76	0.36	0.68	0.70	0.70	0.76	0.64	0.67	0.42	0.55	0.76	0.00	-0.4%
NC_853	20	4371	0.72	0.66	0.12	0.67	0.72	0.67	0.66	0.66	0.51	0.41	0.43	0.24	0.35	0.72	0.05	8.1%
NC_854	25	4461	2.61	2.65	0.16	2.65	1.73	2.32	2.55	2.52	2.48	1.95	2.04	1.26	1.66	2.55	-0.10	-3.7%
NC_855	20	4429	1.08	1.03	0.15	1.03	1.00	1.02	1.03	1.03	0.87	0.69	0.70	0.42	0.60	1.03	0.00	-0.3%
NC_856	25	4460	0.87	0.88	0.09	0.88	0.57	0.84	0.87	0.86	0.85	0.69	0.73	0.46	0.61	0.87	-0.01	-1.0%
NC_857	10	4364	0.73	0.73	0.08	0.74	0.74	0.67	0.66	0.66	0.51	0.41	0.43	0.24	0.34	0.74	0.00	-0.1%
NC_858	30	4500	1.77	1.76	0.12	1.79	1.40	1.69	1.74	1.73	1.74	1.60	1.57	1.08	1.27	1.74	-0.05	-2.7%
NC_859	20	4429	0.49	0.48	0.08	0.48	0.38	0.48	0.48	0.48	0.42	0.34	0.34	0.20	0.29	0.48	0.00	0.8%
NC_860	60	4558	8.19	8.06	0.58	8.07	3.17	5.77	5.88	5.87	8.35	8.07	7.59	5.49	5.81	8.35	0.28	3.4%
NC_861	10	4364	0.70	0.70	0.07	0.71	0.71	0.65	0.64	0.64	0.49	0.40	0.41	0.23	0.33	0.71	0.00	0.0%
NC_862	30	4502	1.36	1.37	0.08	1.38	1.02	1.30	1.30	1.30	1.35	1.20	1.18	0.79	0.98	1.35	-0.03	-2.2%
NC_863	45	4496	7.68	7.66	0.24	7.68	3.11	5.56	5.69	5.68	7.88	7.41	7.05	4.94	5.39	7.88	0.20	2.5%
NC_864	20	4371	0.71	0.66	0.12	0.66	0.70	0.66	0.65	0.66	0.51	0.41	0.43	0.24	0.35	0.70	0.04	6.5%
NC_865	20	4433	0.85	0.84	0.07	0.84	0.58	0.81	0.85	0.84	0.80	0.62	0.67	0.41	0.57	0.85	0.01	1.5%
NC_866	20	4433	0.54	0.52	0.08	0.52	0.46	0.52	0.52	0.52	0.44	0.35	0.36	0.21	0.30	0.52	0.00	0.6%
NC_867	20	4433	1.12	1.11	0.12	1.11	0.90	1.05	1.12	1.11	0.98	0.75	0.79	0.47	0.66	1.12	0.01	1.1%
NC_868	45	4534	4.64	4.64	0.25	4.70	2.06	3.59	3.69	3.68	4.81	4.21	4.03	2.64	3.04	4.81	0.11	2.3%
NC_869	45	4534	3.08	3.08	0.12	3.09	1.26	2.26	2.33	2.32	3.18	2.94	2.88	1.96	2.20	3.18	0.09	2.8%
NC_870	60	4558	3.16	3.10	0.24	3.10	1.23	2.24	2.31	2.30	3.23	3.10	2.99	2.12	2.30	3.23	0.13	4.1%
NC_871	20	4433	0.81	0.79	0.08	0.80	0.54	0.77	0.80	0.80	0.76	0.60	0.64	0.39	0.54	0.80	0.00	0.4%
NC_872	45	4534	3.27	3.25	0.17	3.27	1.61	2.63	2.73	2.72	3.37	2.88	2.79	1.77	2.09	3.37	0.10	2.9%
NC_873	25	4464	1.37	1.37	0.09	1.37	0.84	1.26	1.34	1.33	1.32	1.09	1.11	0.71	0.92	1.34	-0.03	-2.3%
NC_874	20	4371	0.59	0.56	0.09	0.56	0.53	0.56	0.56	0.56	0.46	0.37	0.38	0.21	0.31	0.56	0.00	0.7%
NC_875	45	4534	2.96	2.96	0.18	3.04	1.31	2.28	2.38	2.36	3.09	2.73	2.72	1.78	2.07	3.09	0.05	1.6%
NC_876	30	4498	2.69	2.67	0.17	2.72	1.54	2.28	2.43	2.42	2.70	2.22	2.20	1.36	1.68	2.70	-0.02	-0.6%
NC_877	45	4528	2.83	2.84	0.22	2.92	1.37	2.30	2.43	2.40	2.92	2.52	2.54	1.62	1.96	2.92	0.00	-0.2%
NC_878	20	4433	1.08	1.04	0.12	1.05	0.90	1.02	1.06	1.05	0.92	0.72	0.75	0.45	0.63	1.06	0.01	0.9%
NC_879	25	4461	2.60	2.58	0.12	2.58	1.69	2.27	2.49	2.46	2.49	1.94	1.97	1.21	1.57	2.49	-0.09	-3.6%
NC_880	45	4528	1.00	1.01	0.11	1.02	0.38	0.78	0.80	0.79	1.02	0.91	0.92	0.60	0.73	1.02	0.00	-0.3%
NC_881	10	4364	0.75	0.76	0.08	0.76	0.76	0.69	0.67	0.68	0.52	0.42	0.44	0.24	0.35	0.76	0.00	0.4%
NC_882	20	4429	0.64	0.62	0.09	0.63	0.49	0.62	0.63	0.63	0.56	0.44	0.46	0.27	0.39	0.63	-0.01	-0.8%
NC_883	30	4498	2.70	2.68	0.23	2.70	1.49	2.34	2.51	2.48	2.72	2.27	2.30	1.47	1.86	2.72	0.02	0.7%
NC_884	20	4371	0.68	0.64	0.12	0.64	0.66	0.64	0.63	0.64	0.51	0.41	0.42	0.23	0.34	0.66	0.02	3.4%
NC_885	10	4364	0.70	0.71	0.07	0.71	0.71	0.65	0.63	0.64	0.49	0.40	0.41	0.23	0.33	0.71	0.00	0.6%
NC_886	20	4399	2.12	2.11	0.16	2.12	1.81	1.92	2.13	2.09	1.80	1.35	1.43	0.84	1.20	2.13	0.01	0.4%
NC_887	20	4433	1.15	1.10	0.13	1.11	1.05	1.06	1.12	1.11	0.93	0.71	0.74	0.43	0.63	1.12	0.01	1.2%
NC_888	20	4371	0.68	0.64	0.12	0.64	0.66	0.64	0.63	0.64	0.50	0.40	0.42	0.23	0.34	0.66	0.02	3.0%
NC_889	20	4433	0.46	0.45	0.06	0.45	0.32	0.45	0.45	0.45	0.41	0.32	0.34	0.20	0.29	0.45	0.00	0.7%
NC_890	30	4500	1.23	1.23	0.11	1.24	0.64	1.11	1.17	1.15	1.23	1.03	1.07	0.68	0.89	1.23	-0.01	-1.0%
NC_891	20	4433	0.48	0.47	0.07	0.47	0.35	0.47	0.47	0.47	0.42	0.33	0.34	0.20	0.29	0.47	0.00	0.2%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_892	20	4429	0.52	0.50	0.08	0.50	0.41	0.50	0.50	0.50	0.44	0.35	0.36	0.21	0.30	0.50	0.00	0.8%
NC_893	20	4433	0.60	0.59	0.08	0.59	0.42	0.59	0.60	0.59	0.55	0.43	0.46	0.28	0.39	0.60	0.01	1.2%
NC_894	20	4429	0.66	0.65	0.10	0.65	0.52	0.64	0.65	0.65	0.57	0.45	0.47	0.28	0.40	0.65	0.00	-0.6%
NC_895	20	4433	0.45	0.44	0.06	0.44	0.30	0.44	0.44	0.44	0.40	0.32	0.33	0.20	0.28	0.44	0.00	0.9%
NC_896	20	4433	0.44	0.43	0.05	0.44	0.27	0.43	0.44	0.44	0.41	0.32	0.35	0.21	0.29	0.44	0.00	0.7%
NC_897	20	4433	0.47	0.46	0.07	0.46	0.33	0.46	0.46	0.46	0.42	0.33	0.34	0.20	0.29	0.46	0.00	0.9%
NC_898	30	4500	1.44	1.43	0.14	1.43	0.65	1.23	1.32	1.30	1.45	1.19	1.25	0.78	1.03	1.45	0.02	1.4%
NC_899	20	4433	0.51	0.50	0.06	0.51	0.32	0.50	0.51	0.51	0.48	0.37	0.40	0.25	0.34	0.51	0.00	0.2%
NC_900	25	4464	0.88	0.87	0.07	0.89	0.52	0.83	0.86	0.85	0.87	0.73	0.76	0.48	0.64	0.87	-0.02	-2.6%
NC_901	20	4429	0.56	0.54	0.09	0.54	0.46	0.54	0.54	0.54	0.47	0.37	0.38	0.22	0.32	0.54	0.00	0.7%
NC_902	20	4433	0.89	0.87	0.09	0.88	0.65	0.85	0.89	0.88	0.82	0.64	0.69	0.42	0.58	0.89	0.01	0.8%
NC_903	25	4464	1.85	1.85	0.14	1.87	1.12	1.68	1.77	1.75	1.84	1.51	1.60	0.99	1.33	1.84	-0.03	-1.7%
NC_904	10	4357	0.69	0.69	0.07	0.70	0.70	0.64	0.63	0.63	0.49	0.39	0.41	0.22	0.33	0.70	0.00	0.0%
NC_905	45	4528	1.90	1.88	0.20	1.93	0.93	1.58	1.68	1.66	1.93	1.65	1.68	1.07	1.35	1.93	0.00	0.0%
NC_906	20	4433	0.49	0.48	0.06	0.48	0.31	0.47	0.49	0.48	0.45	0.35	0.38	0.23	0.32	0.49	0.01	1.3%
NC_907	20	4433	1.34	1.29	0.15	1.30	1.20	1.25	1.31	1.30	1.10	0.85	0.87	0.51	0.74	1.31	0.01	1.1%
NC_908	60	4558	2.45	2.44	0.21	2.44	0.83	1.59	1.61	1.60	2.47	2.44	2.52	1.86	1.89	2.52	0.08	3.3%
NC_909	20	4433	0.56	0.54	0.09	0.54	0.49	0.54	0.54	0.54	0.45	0.36	0.37	0.21	0.31	0.54	0.00	0.4%
NC_910	20	4433	0.44	0.43	0.06	0.43	0.29	0.43	0.44	0.43	0.40	0.31	0.33	0.20	0.28	0.44	0.01	1.9%
NC_911	20	4371	0.40	0.38	0.07	0.38	0.37	0.38	0.37	0.38	0.30	0.24	0.25	0.14	0.20	0.38	0.00	0.0%
NC_912	20	4371	0.65	0.61	0.11	0.61	0.63	0.61	0.60	0.60	0.48	0.38	0.39	0.22	0.32	0.63	0.02	3.8%
NC_913	20	4367	2.58	2.52	0.26	2.52	2.40	2.20	2.58	2.47	2.09	1.55	1.70	0.97	1.43	2.58	0.06	2.5%
NC_914	20	4433	2.18	2.10	0.23	2.11	2.00	1.98	2.15	2.11	1.77	1.35	1.41	0.82	1.19	2.15	0.04	1.8%
NC_915	20	4367	2.04	1.96	0.24	1.98	1.91	1.80	2.01	1.94	1.62	1.22	1.32	0.75	1.11	2.01	0.03	1.3%
NC_916	10	4364	0.75	0.75	0.08	0.76	0.76	0.69	0.68	0.69	0.53	0.43	0.44	0.24	0.36	0.76	0.00	-0.1%
NC_917	45	4528	1.10	1.09	0.13	1.12	0.47	0.93	0.99	0.97	1.12	0.93	0.97	0.61	0.80	1.12	0.00	-0.4%
NC_918	20	4433	0.48	0.47	0.07	0.47	0.36	0.47	0.47	0.47	0.42	0.33	0.34	0.20	0.29	0.47	0.00	0.9%
NC_919	25	4464	1.56	1.55	0.13	1.56	1.12	1.48	1.54	1.53	1.51	1.25	1.30	0.83	1.09	1.54	-0.02	-1.1%
NC_920	20	4399	2.99	2.96	0.25	2.97	2.59	2.62	3.01	2.90	2.65	2.05	2.23	1.34	1.88	3.01	0.04	1.5%
NC_921	20	4371	0.72	0.67	0.12	0.67	0.72	0.67	0.66	0.66	0.52	0.42	0.43	0.24	0.35	0.72	0.05	7.5%
NC_922	20	4433	0.43	0.42	0.05	0.43	0.27	0.42	0.43	0.43	0.40	0.31	0.33	0.20	0.28	0.43	0.00	0.2%
NC_923	45	4528	0.70	0.68	0.08	0.70	0.32	0.62	0.65	0.64	0.70	0.59	0.61	0.39	0.51	0.70	0.00	-0.1%
NC_924	20	4433	0.44	0.43	0.06	0.43	0.28	0.42	0.44	0.43	0.40	0.31	0.33	0.20	0.28	0.44	0.01	1.2%
NC_925	45	4534	4.35	4.40	0.29	4.48	2.15	3.40	3.53	3.53	4.49	4.06	4.05	2.70	3.03	4.49	0.01	0.2%
NC_926	45	4528	1.31	1.31	0.15	1.34	0.49	1.03	1.07	1.06	1.34	1.16	1.18	0.75	0.94	1.34	0.00	-0.3%
NC_927	20	4433	0.47	0.46	0.06	0.47	0.32	0.46	0.47	0.47	0.42	0.33	0.35	0.21	0.30	0.47	0.00	-0.6%
NC_928	20	4433	0.65	0.63	0.10	0.63	0.51	0.63	0.63	0.63	0.56	0.44	0.46	0.27	0.39	0.63	0.00	0.3%
NC_929	20	4399	2.38	2.31	0.24	2.32	2.01	2.19	2.37	2.31	2.12	1.65	1.78	1.07	1.51	2.37	0.05	2.1%
NC_930	25	4394	10.93	11.10	0.76	11.23	7.72	9.51	10.70	10.49	10.51	8.24	8.70	5.30	7.12	10.70	-0.53	-4.7%
NC_931	10	4364	0.85	0.86	0.09	0.87	0.87	0.78	0.78	0.78	0.60	0.48	0.50	0.28	0.41	0.87	0.00	-0.3%
NC_932	45	4528	5.21	5.29	0.34	5.39	1.89	3.65	3.76	3.74	5.39	5.12	5.26	3.72	3.98	5.39	0.00	-0.1%
NC_933	20	4371	0.69	0.64	0.12	0.64	0.69	0.64	0.63	0.64	0.50	0.40	0.41	0.23	0.33	0.69	0.05	8.4%
NC_934	20	4371	0.71	0.65	0.12	0.66	0.72	0.66	0.65	0.65	0.50	0.41	0.42	0.23	0.34	0.72	0.05	8.3%
NC_935	25	4464	0.90	0.90	0.08	0.91	0.58	0.85	0.90	0.89	0.87	0.70	0.75	0.47	0.63	0.90	-0.01	-1.1%
NC_936	45	4528	1.54	1.57	0.13	1.59	0.52	1.09	1.13	1.12	1.59	1.44	1.47	0.95	1.12	1.59	0.00	0.1%
NC_937	45	4534	4.85	4.90	0.29	5.00	2.47	3.84	3.95	3.95	5.00	4.58	4.52	3.09	3.37	5.00	0.00	0.1%
NC_938	20	4429	1.29	1.21	0.19	1.22	1.27	1.16	1.22	1.21	0.96	0.74	0.78	0.45	0.65	1.27	0.05	4.2%
NC_939	20	4429	0.60	0.58	0.09	0.58	0.48	0.58	0.58	0.58	0.51	0.40	0.42	0.25	0.35	0.58	0.00	0.5%
NC_940	60	4558	5.54	5.51	0.55	5.52	2.04	3.79	3.90	3.88	5.68	5.52	5.65	4.07	4.28	5.68	0.16	2.9%
NC_941	45	4533	1.71	1.73	0.10	1.77	0.53	1.15	1.18	1.17	1.77	1.67	1.70	1.13	1.27	1.77	0.00	0.1%
NC_942	20	4429	0.50	0.49	0.08	0.49	0.39	0.49	0.49	0.49	0.42	0.34	0.34	0.20	0.29	0.49	0.00	-0.2%
NC_943	20	4433	1.01	0.93	0.17	0.93	1.02	0.93	0.93	0.93	0.73	0.58	0.60	0.34	0.49	1.02	0.09	9.4%
NC_944	20	4371	0.65	0.61	0.11	0.61	0.63	0.61	0.60	0.60	0.48	0.38	0.39	0.22	0.32	0.63	0.02	3.9%
NC_945	20	4433	0.45	0.43	0.05	0.44	0.28	0.43	0.44	0.44	0.41	0.32	0.34	0.20	0.29	0.44	0.00	0.5%
NC_946	20	4371	0.69	0.64	0.12	0.64	0.69	0.64	0.63	0.63	0.49	0.40	0.41	0.23	0.33	0.69	0.05	8.0%
NC_947	20	4433	0.44	0.43	0.06	0.43	0.28	0.42	0.44	0.43	0.40	0.31	0.33	0.20	0.28	0.44	0.01	1.2%
NC_948	45	4528	2.49	2.53	0.16	2.57	0.77	1.67	1.70	1.70	2.57	2.45	2.49	1.68	1.86	2.57	0.00	0.0%
NC_949	60	4558	5.66	5.63	0.51	5.64	2.04	3.81	3.92	3.90	5.72	5.64	5.76	4.23	4.40	5.76	0.12	2.1%
NC_950	720	4787	4.79	4.45	2.15	4.50	0.51	0.56	0.55	0.55	0.46	0.37	0.53	0.53	6.04	6.04	1.54	34.3%
NC_951	45	4528	3.30	3.28	0.28	3.36	1.66	2.76	2.88	2.87	3.36	2.88	2.89	1.85	2.25	3.36	0.00	-0.1%
NC_952	20	4371	0.71	0.66	0.12	0.66	0.71	0.66	0.65	0.66	0.51	0.41	0.43	0.24	0.35	0.71	0.05	7.9%
NC_953	10	4364	0.80	0.81	0.08	0.81	0.81	0.73	0.72	0.73	0.56	0.45	0.47	0.26	0.38	0.81	0.00	0.1%
NC_954	20	4433	0.52	0.51	0.08	0.51	0.37	0.51	0.51	0.51	0.46	0.36	0.38	0.23	0.32	0.51	0.00	0.2%
NC_955	20	4433	0.48	0.47	0.07	0.48	0.34	0.47	0.48	0.48	0.43	0.34	0.36	0.21	0.30	0.48	0.00	-0.4%
NC_956	720	4787	7.43	6.93	3.27	6.96	3.42	5.03	5.26	5.23	6.14	5.71	5.76	4.12	8.78	8.78	1.82	26.2%
NC_957	20	4433	2.72	2.61	0.30	2.62	2.40	2.48	2.68	2.62	2.28	1.75	1.87	1.10	1.58	2.68	0.06	2.4%
NC_958	20	4433	0.46	0.45	0.06	0.45	0.29	0.44	0.45	0.45	0.42	0.33	0.35	0.21	0.29	0.45	0.00	0.9%
NC_959	20	4367	1.97	1.89	0.23	1.91	1.86	1.75	1.93	1.87	1.57	1.18	1.27	0.73	1.07	1.93	0.02	1.0%
NC_960	25	4394	11.48	11.64	0.74	11.69	8.06	10.15	11.19	10.98	11.42	9.78	9.92	6.92	9.68	11.42	-0.27	-2.3%
NC_961	20	4433	1.17	1.12	0.15	1.13	1.00	1.11	1.14	1.13	0.99	0.78	0.81	0.49	0.69	1.14	0.01	0.5%
NC_962	20	4433	0.44	0.43	0.05	0.43	0.27	0.42	0.44	0.43	0.40	0.31	0.34	0.20	0.28	0.44	0.01	1.2%
NC_963	20	4367	1.40	1.34	0.19	1.35	1.30	1.29	1.36	1.34	1.11	0.86	0.89	0.52	0.76	1.36	0.00	0.4%
NC_964	60	4558	8.78	8.74	0.84	8.75	3.05	5.86	6.00	5.98	8.91	8.75	8.92	6.42	6.74	8.92	0.17	1.9%
NC_965	25	4464	0.78	0.78	0.06	0.79	0.39	0.71	0.75	0.74	0.78	0.65	0.68	0.43	0.56	0.78	-0.01	-1.4%
NC_966	20	4433	0.61	0.59	0.09	0.59	0.53	0.59	0.59	0.59	0.49	0.39	0.40	0.23	0.34	0.59	0.00	-0.2%
NC_967	30	4498	11.24	11.03	0.99	11.22	7.21	9.77	10.63	10.49	11.51	9.95	10.14	7.05	9.56	11.51	0.29	2.6%
NC_968	25	4460	1.33	1.34	0.11	1.34	0.85	1.21	1.31	1.28	1.30	1.06	1.12	0.70	0.94	1.31	-0.03	-2.2%
NC_969	720	4787	4.76	4.40	2.17	4.43	0.08	0.22	0.22	0.22	0.33	0.36	0.44	0.47	6.28	6.28	1.85	41.8%
NC_970	20	4429	2.60	2.63	0.18	2.63	2.02	2.22	2.63	2.55	2.32	1.74	1.88	1.09	1.56	2.63	0.00	0.0%
NC_971	60	4558	6.82	6.66	0.52	6.67	3.30	4.38	4.43	4.43	6.98	6.67	5.10	4.24	4.14	6.98	0.31	4.7%
NC_972	20	4399	4.05	3.99	0.37	4.00	3.51	3.50	4.06	3.86	3.41	2.58	2.82	1.62	2.38	4.06	0.06	1.5%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_973	120	4499	21.09	21.02	0.43	21.06	7.49	11.45	11.47	11.47	15.95	17.39	21.06	21.14	20.51	21.14	0.08	0.4%
NC_974	120	4499	29.27	29.31	2.41	29.74	11.39	17.61	18.33	18.27	23.63	23.65	29.74	29.64	24.86	29.74	0.00	0.0%
NC_975	10	4364	1.10	1.10	0.08	1.11	1.11	0.95	1.02	1.00	0.78	0.60	0.63	0.36	0.53	1.11	0.00	-0.2%
NC_976	120	4499	29.16	29.24	2.47	29.69	11.37	17.55	18.28	18.21	23.51	23.54	29.69	29.41	24.66	29.69	0.00	0.0%
NC_977	120	4499	28.74	28.92	2.65	29.41	11.21	17.20	17.94	17.87	22.99	23.05	29.41	28.72	24.09	29.41	0.00	0.0%
NC_978	120	4499	50.67	50.65	2.11	50.82	18.42	29.39	30.11	30.06	40.88	42.41	50.82	51.88	46.11	51.88	1.06	2.1%
NC_979	120	4617	51.61	51.72	1.70	51.93	18.57	29.88	30.49	30.46	42.29	43.93	52.04	53.20	47.46	53.20	1.27	2.4%
NC_980	60	4558	37.39	36.78	1.34	36.82	15.06	25.22	25.59	25.61	35.98	36.82	37.11	33.22	28.97	37.11	0.29	0.8%
NC_981	120	4499	90.74	89.97	6.18	91.04	31.61	53.53	54.02	54.07	77.48	83.13	91.04	92.19	78.98	92.19	1.15	1.3%
NC_982	60	4558	31.21	30.77	1.74	30.89	10.94	17.92	18.37	18.35	30.24	30.89	32.58	24.28	25.73	32.58	1.69	5.5%
NC_983	60	4558	31.10	30.62	1.57	30.73	10.85	17.82	18.26	18.24	29.92	30.73	32.42	25.20	25.70	32.42	1.69	5.5%
NC_984	10	4364	1.76	1.77	0.09	1.78	1.78	1.51	1.68	1.63	1.29	0.97	1.05	0.60	0.88	1.78	-0.01	-0.3%
NC_985	20	4371	0.87	0.82	0.14	0.82	0.85	0.82	0.81	0.81	0.65	0.52	0.53	0.30	0.44	0.85	0.03	3.5%
NC_986	25	4394	3.34	3.40	0.23	3.41	2.25	2.99	3.31	3.26	3.14	2.41	2.52	1.52	2.08	3.31	-0.10	-3.0%
NC_987	20	4433	0.52	0.50	0.08	0.50	0.43	0.50	0.50	0.50	0.43	0.34	0.35	0.20	0.30	0.50	0.00	0.8%
NC_988	20	4371	0.68	0.64	0.11	0.64	0.65	0.64	0.63	0.63	0.51	0.41	0.42	0.23	0.34	0.65	0.01	0.9%
NC_989	20	4429	4.13	4.01	0.47	4.07	3.95	3.53	4.07	3.90	3.20	2.40	2.59	1.49	2.19	4.07	0.00	-0.1%
NC_990	45	4528	27.22	27.37	1.52	28.11	7.00	16.31	16.82	16.78	28.11	26.38	27.77	17.65	21.64	28.11	0.00	0.0%
NC_991	20	4371	0.54	0.51	0.09	0.51	0.52	0.51	0.50	0.50	0.40	0.32	0.33	0.18	0.27	0.52	0.01	1.0%
NC_992	45	4534	2.93	2.93	0.08	2.93	2.15	2.68	2.75	2.75	2.98	2.78	2.65	1.99	2.18	2.98	0.05	1.7%
NC_993	20	4429	1.34	1.28	0.18	1.30	1.28	1.19	1.30	1.26	1.03	0.78	0.84	0.48	0.70	1.30	0.00	-0.2%
NC_994	20	4429	1.01	0.96	0.15	0.97	0.96	0.93	0.97	0.95	0.77	0.60	0.63	0.36	0.53	0.97	0.00	-0.2%
NC_995	20	4429	1.52	1.45	0.20	1.47	1.48	1.35	1.47	1.43	1.16	0.88	0.94	0.54	0.79	1.48	0.01	0.8%
NC_996	20	4429	1.43	1.35	0.20	1.37	1.43	1.24	1.37	1.33	1.06	0.81	0.87	0.49	0.72	1.43	0.06	4.1%
NC_997	20	4399	4.81	4.76	0.39	4.77	4.04	4.23	4.83	4.65	4.33	3.38	3.64	2.20	3.17	4.83	0.06	1.2%
NC_998	20	4371	0.60	0.56	0.11	0.56	0.61	0.56	0.55	0.55	0.43	0.34	0.36	0.20	0.29	0.61	0.05	9.6%
NC_999	20	4429	1.26	1.18	0.19	1.19	1.26	1.13	1.19	1.17	0.92	0.71	0.75	0.43	0.62	1.26	0.07	6.1%
NC_1000	25	4394	3.07	3.07	0.16	3.07	2.16	2.82	2.99	2.97	2.98	2.51	2.52	1.64	2.04	2.99	-0.08	-2.7%
NC_1001	20	4399	2.22	2.21	0.17	2.21	1.80	2.05	2.23	2.18	2.14	1.74	1.83	1.15	1.59	2.23	0.02	0.9%
NC_1002	20	4429	1.16	1.09	0.18	1.10	1.17	1.05	1.10	1.08	0.85	0.66	0.70	0.39	0.58	1.17	0.07	6.5%
NC_1003	20	4367	0.95	0.91	0.14	0.91	0.88	0.88	0.92	0.90	0.74	0.57	0.60	0.34	0.51	0.92	0.01	0.9%
NC_1004	20	4433	1.27	1.23	0.15	1.23	1.03	1.17	1.26	1.23	1.08	0.83	0.89	0.52	0.75	1.26	0.03	2.5%
NC_1005	20	4429	6.63	6.59	0.51	6.65	5.48	5.70	6.65	6.37	5.92	4.60	4.96	2.98	4.29	6.65	0.00	0.0%
NC_1006	20	4371	0.67	0.62	0.12	0.62	0.68	0.62	0.61	0.61	0.47	0.38	0.40	0.22	0.32	0.68	0.06	8.9%
NC_1007	25	4394	14.28	14.49	1.17	14.71	10.63	12.36	14.30	13.95	13.15	10.07	10.83	6.49	9.13	14.30	-0.41	-2.8%
NC_1008	20	4429	2.23	2.17	0.24	2.20	2.16	1.90	2.20	2.11	1.72	1.28	1.39	0.80	1.17	2.20	0.00	0.1%
NC_1009	20	4371	0.73	0.69	0.12	0.69	0.68	0.69	0.68	0.69	0.56	0.45	0.46	0.26	0.38	0.69	0.00	-0.4%
NC_1010	20	4399	1.58	1.54	0.15	1.55	1.39	1.39	1.58	1.53	1.30	0.97	1.05	0.60	0.88	1.58	0.03	1.7%
NC_1011	20	4371	0.53	0.50	0.09	0.51	0.49	0.51	0.50	0.50	0.40	0.32	0.33	0.19	0.27	0.51	0.00	-0.6%
NC_1012	20	4433	0.41	0.40	0.06	0.40	0.28	0.40	0.41	0.40	0.36	0.29	0.30	0.18	0.25	0.41	0.01	1.5%
NC_1013	20	4433	0.99	0.97	0.10	0.98	0.63	0.95	0.99	0.98	0.93	0.72	0.79	0.47	0.66	0.99	0.01	1.2%
NC_1014	25	4462	1.44	1.46	0.15	1.47	0.90	1.35	1.45	1.42	1.39	1.08	1.19	0.72	0.99	1.45	-0.02	-1.4%
NC_1015	90	4395	20.23	20.56	1.69	20.74	3.86	8.97	9.03	9.02	16.83	18.85	21.55	18.61	16.82	21.55	0.81	3.9%
NC_1016	45	4528	6.17	6.21	0.57	6.38	2.67	4.78	5.06	5.00	6.38	5.60	5.76	3.70	4.48	6.38	0.00	0.0%
NC_1017	90	4588	16.87	17.10	1.79	17.50	2.61	8.38	8.45	8.44	15.37	16.77	18.24	14.84	14.13	18.24	0.74	4.2%
NC_1018	90	4395	3.54	3.54	0.25	3.55	1.64	2.25	2.27	2.27	3.17	3.29	3.51	3.40	3.16	3.51	-0.04	-1.3%
NC_1019	30	4498	0.72	0.71	0.07	0.71	0.46	0.63	0.69	0.67	0.73	0.61	0.63	0.40	0.51	0.73	0.02	2.5%
NC_1020	60	4558	15.82	15.81	1.13	15.83	2.69	8.65	8.75	8.74	15.15	15.83	16.52	12.43	12.70	16.52	0.69	4.3%
NC_1021	25	4461	2.05	2.08	0.14	2.08	1.24	1.80	1.97	1.93	2.06	1.67	1.76	1.09	1.43	2.06	-0.02	-1.0%
NC_1022	45	4528	1.13	1.15	0.11	1.16	0.38	0.81	0.84	0.83	1.16	1.06	1.08	0.70	0.82	1.16	0.00	0.3%
NC_1023	60	4558	16.64	16.63	1.04	16.65	2.71	8.78	8.87	8.86	15.67	16.65	17.57	13.48	13.56	17.57	0.92	5.5%
NC_1024	60	4558	12.77	12.66	1.25	12.68	4.41	8.72	8.94	8.90	13.01	12.68	12.94	9.33	9.88	13.01	0.33	2.6%
NC_1025	25	4461	4.68	4.76	0.40	4.82	2.65	4.14	4.53	4.41	4.69	3.75	4.03	2.48	3.30	4.69	-0.13	-2.7%
NC_1026	25	4460	1.76	1.78	0.16	1.79	0.96	1.60	1.72	1.68	1.75	1.41	1.52	0.93	1.25	1.75	-0.04	-2.1%
NC_1027	25	4461	2.95	3.00	0.27	3.04	1.78	2.61	2.89	2.81	2.91	2.31	2.49	1.53	2.06	2.91	-0.13	-4.3%
NC_1028	20	4371	0.54	0.52	0.08	0.52	0.43	0.52	0.52	0.52	0.45	0.36	0.37	0.22	0.31	0.52	0.00	0.8%
NC_1029	20	4433	0.49	0.47	0.08	0.47	0.41	0.47	0.47	0.47	0.40	0.32	0.32	0.19	0.27	0.47	0.00	0.9%
NC_1030	20	4371	0.28	0.26	0.05	0.26	0.27	0.26	0.25	0.26	0.20	0.16	0.17	0.09	0.13	0.27	0.01	5.0%
NC_1031	25	4460	0.39	0.39	0.04	0.39	0.20	0.36	0.39	0.38	0.37	0.28	0.31	0.18	0.26	0.39	0.00	-0.8%
NC_1032	20	4433	0.77	0.76	0.07	0.76	0.52	0.74	0.77	0.76	0.74	0.58	0.63	0.39	0.53	0.77	0.01	1.1%
NC_1033	45	4528	1.40	1.42	0.14	1.43	0.48	1.01	1.04	1.03	1.43	1.30	1.32	0.84	1.00	1.43	0.00	0.1%
NC_1034	60	4558	2.46	2.46	0.21	2.46	0.79	1.60	1.61	1.61	2.47	2.46	2.52	1.88	1.90	2.52	0.06	2.6%
NC_1035	20	4433	0.46	0.44	0.07	0.44	0.40	0.45	0.44	0.44	0.37	0.29	0.30	0.17	0.25	0.45	0.01	1.4%
NC_1036	2160	4493	0.83	0.82	0.30	0.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.84	-100.0%
NC_1037	45	4528	1.41	1.41	0.15	1.43	0.59	1.11	1.15	1.15	1.43	1.25	1.27	0.81	1.00	1.43	0.00	0.2%
NC_1038	45	4528	1.18	1.20	0.11	1.21	0.42	0.83	0.85	0.84	1.21	1.11	1.13	0.73	0.85	1.21	0.00	-0.2%
NC_1039	60	4558	1.48	1.47	0.13	1.48	0.53	1.03	1.05	1.05	1.50	1.48	1.50	1.10	1.15	1.50	0.02	1.6%
NC_1040	20	4433	0.27	0.27	0.04	0.27	0.18	0.26	0.27	0.27	0.24	0.19	0.19	0.11	0.17	0.27	0.00	0.7%
NC_1041	60	4558	1.51	1.50	0.12	1.50	0.53	1.04	1.05	1.05	1.52	1.50	1.53	1.15	1.19	1.53	0.03	2.1%
NC_1042	20	4399	0.62	0.61	0.06	0.61	0.43	0.57	0.62	0.61	0.56	0.42	0.46	0.27	0.39	0.62	0.01	2.3%
NC_1043	45	4528	2.05	2.08	0.19	2.12	0.80	1.54	1.61	1.59	2.12	1.90	1.94	1.25	1.49	2.12	0.00	-0.2%
NC_1044	60	4558	4.48	4.42	0.38	4.43	1.43	2.93	3.00	2.99	4.49	4.43	4.46	3.22	3.42	4.49	0.06	1.2%
NC_1045	120	4499	27.61	27.58	3.10	28.12	10.28	15.33	16.14	16.02	20.72	22.51	28.12	27.00	22.55	28.12	0.00	0.0%
NC_1046	60	4558	11.78	11.76	0.94	11.77	3.96	7.60	7.80	7.77	11.62	11.77	12.03	9.11	9.21	12.03	0.26	2.2%
NC_1047	60	4558	12.63	12.58	0.85	12.59	4.29	7.99	8.19	8.18	12.27	12.59	12.96	10.20	10.02	12.96	0.37	3.0%
NC_1048	25	4394	5.79	5.86	0.33	5.90	3.87	5.10	5.60	5.51	5.84	5.34	5.40	3.90	4.29	5.84	-0.06	-1.1%
NC_1049	60	4558	4.22	4.20	0.28	4.21	1.93	3.11	3.24	3.20	4.24	4.21	3.94	3.14	3.00	4.24	0.03	0.7%
NC_1050	60	4558	3.43	3.43	0.15	3.44	1.41	2.36	2.38	2.36	3.38	3.44	3.12	2.53	2.37	3.44	0.00	-0.1%
NC_1051	20	4371	0.30	0.28	0.06	0.28	0.29	0.28	0.27	0.28	0.21	0.17	0.18	0.10	0.14	0.29	0.01	4.3%
NC_1052	45	4528	4.57	4.58	0.39	4.60	2.90	3.91	4.26	4.21	4.60	4.43	4.43	3.25	3.44	4.60	0.00	0.0%
NC_1053	20	4367	0.99	0.96	0.11	0.96	0.94	0.87	0.97	0.95	0.77	0.57	0.61	0.35	0.52	0.97	0.01	1.4%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_1054	45	4534	2.55	2.55	0.06	2.55	1.37	2.09	2.14	2.14	2.60	2.47	2.33	1.75	1.80	2.60	0.05	2.1%
NC_1055	20	4371	0.67	0.62	0.12	0.62	0.67	0.62	0.61	0.61	0.48	0.38	0.40	0.22	0.32	0.67	0.05	8.2%
NC_1056	10	4357	0.98	0.98	0.09	0.99	0.99	0.84	0.86	0.85	0.65	0.51	0.54	0.30	0.44	0.99	0.00	0.0%
NC_1057	10	4357	0.55	0.55	0.06	0.56	0.56	0.48	0.47	0.47	0.35	0.29	0.30	0.16	0.24	0.56	0.00	-0.4%
NC_1058	60	4558	3.02	3.00	0.11	3.00	1.36	2.16	2.19	2.19	2.97	3.00	2.71	2.22	2.13	3.00	0.00	0.0%
NC_1059	60	4558	2.56	2.56	0.16	2.56	0.82	1.63	1.66	1.65	2.50	2.56	2.47	1.84	1.90	2.56	0.00	0.0%
NC_1060	20	4429	1.16	1.13	0.12	1.14	1.12	1.03	1.14	1.12	0.90	0.67	0.71	0.41	0.60	1.14	0.00	0.2%
NC_1061	60	4558	3.00	2.81	0.47	2.81	1.61	2.35	2.40	2.40	2.91	2.81	2.67	2.10	2.11	2.91	0.10	3.5%
NC_1062	60	4405	3.62	3.63	0.17	3.63	1.54	2.95	2.94	2.93	3.53	3.62	3.32	2.76	2.69	3.62	-0.01	-0.3%
NC_1063	25	4460	1.26	1.28	0.09	1.28	0.78	1.13	1.24	1.22	1.18	0.91	0.96	0.58	0.79	1.24	-0.04	-3.5%
NC_1064	25	4461	8.12	8.04	0.40	8.04	5.50	7.11	7.84	7.75	7.76	6.03	6.10	3.73	4.91	7.84	-0.20	-2.4%
NC_1065	30	4498	1.38	1.38	0.12	1.40	0.74	1.17	1.25	1.24	1.38	1.11	1.13	0.69	0.89	1.38	-0.02	-1.4%
NC_1066	20	4399	2.11	2.04	0.22	2.05	1.88	1.87	2.10	2.03	1.73	1.30	1.41	0.81	1.19	2.10	0.05	2.6%
NC_1067	20	4371	0.57	0.54	0.10	0.54	0.55	0.54	0.53	0.54	0.43	0.34	0.35	0.20	0.29	0.55	0.01	1.1%
NC_1068	20	4433	0.84	0.80	0.12	0.81	0.72	0.78	0.83	0.81	0.68	0.52	0.55	0.32	0.47	0.83	0.01	1.9%
NC_1069	10	4364	0.79	0.79	0.08	0.80	0.80	0.71	0.69	0.70	0.53	0.43	0.45	0.25	0.36	0.80	0.00	0.0%
NC_1070	10	4364	1.14	1.15	0.10	1.16	1.16	1.00	1.02	1.02	0.78	0.61	0.65	0.36	0.53	1.16	0.00	-0.1%
NC_1071	20	4371	0.42	0.38	0.08	0.39	0.42	0.39	0.37	0.38	0.29	0.24	0.24	0.13	0.19	0.42	0.03	7.9%
NC_1072	20	4433	0.58	0.56	0.09	0.56	0.52	0.56	0.55	0.56	0.46	0.37	0.38	0.21	0.31	0.56	0.00	-0.2%
NC_1073	20	4429	4.23	4.12	0.47	4.18	3.97	3.63	4.18	4.02	3.33	2.49	2.69	1.54	2.27	4.18	0.00	0.0%
NC_1074	20	4429	6.40	6.38	0.56	6.45	5.51	5.30	6.45	6.12	5.29	3.93	4.33	2.45	3.64	6.45	0.00	0.1%
NC_1075	20	4429	2.22	2.12	0.31	2.14	2.06	2.03	2.14	2.10	1.74	1.34	1.42	0.81	1.19	2.14	0.00	0.2%
NC_1076	20	4433	0.39	0.39	0.06	0.39	0.29	0.39	0.39	0.39	0.34	0.27	0.28	0.16	0.24	0.39	0.00	-0.3%
NC_1077	20	4371	0.26	0.25	0.04	0.25	0.20	0.25	0.25	0.25	0.21	0.17	0.17	0.10	0.14	0.25	0.00	0.0%
NC_1078	20	4399	1.59	1.54	0.15	1.55	1.47	1.39	1.58	1.53	1.26	0.93	1.00	0.57	0.85	1.58	0.03	1.7%
NC_1079	20	4429	2.52	2.53	0.13	2.54	1.89	2.26	2.54	2.49	2.28	1.73	1.80	1.08	1.49	2.54	0.00	0.1%
NC_1080	10	4357	0.42	0.43	0.05	0.43	0.43	0.39	0.37	0.38	0.29	0.23	0.24	0.13	0.19	0.43	0.00	0.0%
NC_1081	30	4500	1.02	1.03	0.08	1.03	0.56	0.92	0.96	0.96	1.03	0.87	0.88	0.57	0.73	1.03	0.00	-0.3%
NC_1082	20	4399	1.05	1.04	0.09	1.04	0.81	0.96	1.05	1.03	0.91	0.69	0.73	0.43	0.62	1.05	0.01	1.3%
NC_1083	20	4433	0.41	0.40	0.06	0.40	0.33	0.40	0.40	0.40	0.34	0.27	0.27	0.16	0.23	0.40	0.00	-0.8%
NC_1084	20	4433	0.71	0.70	0.10	0.70	0.51	0.70	0.70	0.70	0.65	0.51	0.54	0.33	0.46	0.70	0.00	0.6%
NC_1085	30	4500	1.04	1.04	0.09	1.04	0.56	0.93	0.98	0.97	1.03	0.86	0.88	0.56	0.73	1.03	-0.01	-0.6%
NC_1086	20	4433	0.44	0.42	0.07	0.42	0.38	0.42	0.41	0.42	0.34	0.27	0.28	0.16	0.23	0.42	0.00	0.0%
NC_1087	45	4528	2.30	2.30	0.20	2.31	1.48	1.95	2.01	2.00	2.31	2.14	2.13	1.41	1.62	2.31	0.00	0.0%
NC_1088	20	4433	1.25	1.21	0.13	1.21	1.09	1.16	1.23	1.21	1.06	0.81	0.86	0.51	0.73	1.23	0.02	1.6%
NC_1089	20	4433	0.78	0.77	0.08	0.77	0.63	0.73	0.78	0.77	0.69	0.53	0.57	0.34	0.48	0.78	0.01	1.3%
NC_1090	20	4433	0.48	0.46	0.08	0.47	0.41	0.47	0.46	0.47	0.39	0.31	0.32	0.18	0.27	0.47	0.00	-0.4%
NC_1091	20	4399	1.90	1.85	0.19	1.85	1.69	1.73	1.89	1.85	1.60	1.22	1.30	0.76	1.10	1.89	0.04	1.9%
NC_1092	60	4558	14.28	14.09	0.72	14.10	5.17	9.41	9.56	9.54	13.96	14.10	13.35	10.88	10.31	14.10	0.00	0.0%
NC_1093	45	4528	2.53	2.54	0.21	2.58	1.51	2.08	2.20	2.17	2.58	2.37	2.36	1.60	1.84	2.58	0.00	0.0%
NC_1094	20	4429	2.07	2.09	0.12	2.10	1.58	1.82	2.10	2.04	1.88	1.45	1.54	0.92	1.30	2.10	0.00	-0.1%
NC_1095	20	4399	2.02	1.96	0.19	1.97	1.78	1.80	2.01	1.95	1.70	1.30	1.39	0.81	1.18	2.01	0.04	2.0%
NC_1096	25	4464	0.86	0.85	0.08	0.86	0.51	0.82	0.84	0.84	0.84	0.70	0.74	0.47	0.62	0.84	-0.02	-2.1%
NC_1097	45	4528	1.09	1.09	0.12	1.11	0.45	0.88	0.92	0.91	1.11	0.97	0.98	0.63	0.78	1.11	0.00	-0.4%
NC_1098	20	4399	0.75	0.72	0.08	0.72	0.69	0.66	0.74	0.72	0.59	0.44	0.48	0.27	0.40	0.74	0.02	2.6%
NC_1099	20	4399	0.86	0.85	0.09	0.85	0.73	0.78	0.86	0.84	0.72	0.54	0.58	0.33	0.49	0.86	0.01	1.6%
NC_1100	60	4558	14.19	13.99	0.67	14.01	5.09	9.29	9.42	9.41	13.81	14.01	13.27	11.09	10.26	14.01	0.00	0.0%
NC_1101	45	4496	8.70	8.70	0.33	8.78	3.91	6.65	6.78	6.78	8.97	8.05	7.77	5.23	5.85	8.97	0.19	2.1%
NC_1102	90	4395	140.96	142.21	6.82	142.38	47.92	79.54	80.21	80.15	122.04	133.28	146.62	140.98	127.84	146.62	4.24	3.0%
NC_1103	20	4399	1.73	1.68	0.16	1.69	1.58	1.53	1.72	1.67	1.38	1.02	1.10	0.63	0.93	1.72	0.03	1.5%
NC_1104	20	4429	0.80	0.78	0.09	0.79	0.78	0.68	0.79	0.76	0.61	0.45	0.49	0.28	0.42	0.79	0.00	0.1%
NC_1105	360	4719	5.21	5.18	1.07	5.40	0.43	0.73	0.73	0.73	1.33	2.63	5.55	4.78	6.72	6.72	1.32	24.5%
NC_1106	90	4395	137.12	138.31	6.77	138.48	47.77	78.92	79.68	79.61	120.88	130.93	142.17	136.35	122.60	142.17	3.69	2.7%
NC_1107	45	4496	6.93	6.85	0.32	6.95	3.59	5.55	5.88	5.85	7.20	6.19	6.19	3.96	4.69	7.20	0.25	3.6%
NC_1108	20	4429	0.77	0.74	0.09	0.75	0.74	0.67	0.75	0.73	0.59	0.44	0.47	0.27	0.40	0.75	0.00	-0.1%
NC_1109	20	4429	7.31	7.28	0.49	7.35	5.84	6.47	7.35	7.11	6.88	5.59	5.92	3.88	4.88	7.35	0.00	-0.1%
NC_1110	25	4394	6.69	6.77	0.37	6.82	4.39	5.90	6.46	6.37	6.68	5.64	5.72	3.79	4.60	6.68	-0.14	-2.1%
NC_1111	20	4433	1.40	1.34	0.16	1.35	1.23	1.31	1.36	1.35	1.16	0.90	0.93	0.55	0.79	1.36	0.01	0.8%
NC_1112	90	4395	156.55	157.94	7.89	158.43	54.21	91.24	92.11	92.04	136.59	148.59	162.90	155.49	141.87	162.90	4.47	2.8%
NC_1113	120	4499	156.71	155.35	13.93	160.89	48.73	87.53	88.06	88.07	132.93	145.02	160.89	159.02	141.11	160.89	0.00	0.0%
NC_1114	120	4499	156.47	155.03	13.81	160.47	48.58	87.28	87.81	87.82	132.53	144.52	160.47	159.15	140.83	160.47	0.00	0.0%
NC_1115	20	4429	1.27	1.20	0.18	1.21	1.22	1.15	1.21	1.19	0.97	0.75	0.78	0.45	0.66	1.22	0.01	1.0%
NC_1116	20	4429	1.52	1.46	0.19	1.48	1.44	1.34	1.48	1.43	1.18	0.90	0.96	0.55	0.81	1.48	0.00	-0.2%
NC_1117	20	4429	2.95	2.96	0.18	2.99	2.27	2.62	2.99	2.91	2.60	1.95	2.09	1.23	1.76	2.99	0.00	-0.1%
NC_1118	10	4357	0.48	0.48	0.05	0.49	0.49	0.43	0.42	0.42	0.32	0.26	0.27	0.15	0.21	0.49	0.00	-0.4%
NC_1119	20	4429	14.44	14.52	0.95	14.53	11.15	12.26	14.53	14.14	12.84	9.56	10.36	5.98	8.53	14.53	0.00	0.0%
NC_1120	20	4399	2.06	2.04	0.16	2.05	1.78	1.85	2.06	2.02	1.70	1.27	1.33	0.77	1.12	2.06	0.01	0.4%
NC_1121	30	4498	21.55	21.27	1.59	21.69	13.37	18.55	19.95	19.80	22.14	19.83	22.48	16.83	17.59	22.48	0.79	3.6%
NC_1122	20	4371	0.53	0.50	0.10	0.50	0.54	0.50	0.49	0.49	0.38	0.31	0.32	0.17	0.25	0.54	0.04	7.6%
NC_1123	20	4429	1.57	1.51	0.20	1.53	1.50	1.39	1.53	1.48	1.22	0.93	0.99	0.57	0.84	1.53	0.00	-0.1%
NC_1124	30	4498	20.60	20.24	1.81	20.63	13.63	18.04	19.64	19.43	20.81	18.90	21.41	15.96	16.83	21.41	0.78	3.8%
NC_1125	25	4466	20.77	20.83	1.02	20.90	14.03	18.26	19.96	19.73	20.78	18.90	21.38	15.90	16.89	21.38	0.48	2.3%
NC_1126	20	4371	0.66	0.63	0.11	0.63	0.62	0.63	0.62	0.63	0.51	0.41	0.42	0.23	0.34	0.63	0.00	0.0%
NC_1127	10	4364	1.99	2.00	0.09	2.01	2.01	1.67	1.90	1.83	1.45	1.08	1.17	0.67	0.98	2.01	0.00	-0.2%
NC_1128	20	4429	1.23	1.15	0.18	1.16	1.22	1.10	1.16	1.14	0.91	0.70	0.74	0.42	0.62	1.22	0.06	5.4%
NC_1129	15	4401	2.53	2.46	0.22	2.48	2.43	2.09	2.50	2.38	1.96	1.45	1.59	0.90	1.33	2.50	0.02	0.8%
NC_1130	20	4404	3.96	3.89	0.37	3.89	3.53	3.37	3.97	3.78	3.24	2.42	2.65	1.51	2.22	3.97	0.08	2.0%
NC_1131	60	4558	8.38	8.29	0.30	8.31	2.56	5.05	5.15	5.14	8.00	8.31	7.80	6.80	5.88	8.31	0.00	0.0%
NC_1132	20	4433	1.10	1.03	0.17	1.03	1.08	1.03	1.03	1.03	0.83	0.66	0.68	0.39	0.56	1.08	0.05	4.5%
NC_1133	20	4399	4.45	4.38	0.41	4.39	3.84	3.88	4.46	4.27	3.70	2.78	3.01	1.72	2.54	4.46	0.07	1.6%
NC_1134	20	4367	2.19	2.11	0.27	2.13	2.05	1.95	2.15	2.08	1.73	1.31	1.40	0.80	1.18	2.15	0.02	0.8%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_1135	20	4371	0.53	0.51	0.09	0.51	0.49	0.51	0.50	0.51	0.41	0.33	0.34	0.19	0.28	0.51	0.00	0.0%
NC_1136	45	4528	1.67	1.69	0.15	1.72	0.63	1.24	1.29	1.28	1.72	1.53	1.55	0.99	1.19	1.72	0.00	-0.1%
NC_1137	25	4466	6.32	6.33	0.39	6.37	4.35	5.48	6.17	6.05	5.98	4.60	4.76	2.86	3.83	6.17	-0.20	-3.2%
NC_1138	20	4371	0.58	0.54	0.10	0.55	0.59	0.55	0.53	0.54	0.42	0.34	0.35	0.19	0.28	0.59	0.04	6.7%
NC_1139	20	4429	1.53	1.44	0.22	1.45	1.53	1.38	1.45	1.43	1.14	0.88	0.92	0.52	0.77	1.53	0.08	5.3%
NC_1140	20	4433	1.11	1.08	0.12	1.08	0.99	1.01	1.10	1.08	0.90	0.68	0.71	0.41	0.60	1.10	0.01	1.4%
NC_1141	45	4528	6.89	6.89	0.52	7.15	2.58	5.23	5.50	5.48	7.15	6.18	6.08	4.10	4.22	7.15	0.00	0.0%
NC_1142	45	4528	6.79	6.79	0.42	7.02	2.52	4.98	5.21	5.19	7.02	6.26	6.05	4.20	4.19	7.02	0.00	0.0%
NC_1143	20	4429	0.96	0.91	0.15	0.92	0.91	0.89	0.92	0.91	0.74	0.58	0.61	0.34	0.51	0.92	0.00	-0.3%
NC_1144	45	4534	7.14	7.12	0.28	7.22	2.55	5.05	5.26	5.25	7.34	6.83	6.44	4.64	4.47	7.34	0.12	1.6%
NC_1145	45	4496	7.38	7.35	0.22	7.39	2.84	5.10	5.31	5.30	7.56	7.21	6.71	4.92	4.65	7.56	0.17	2.3%
NC_1146	20	4371	0.65	0.61	0.11	0.61	0.65	0.61	0.60	0.60	0.47	0.38	0.39	0.22	0.32	0.65	0.04	6.6%
NC_1147	20	4429	0.71	0.69	0.09	0.70	0.68	0.63	0.70	0.68	0.55	0.41	0.45	0.25	0.37	0.70	0.00	-0.3%
NC_1148	60	4558	7.75	7.62	0.57	7.72	3.25	5.16	5.36	5.35	7.87	7.72	7.06	5.33	4.86	7.87	0.15	2.0%
NC_1149	20	4429	0.91	0.85	0.14	0.86	0.88	0.84	0.86	0.85	0.68	0.53	0.56	0.31	0.46	0.88	0.02	2.4%
NC_1150	20	4371	0.59	0.56	0.10	0.56	0.58	0.56	0.55	0.55	0.43	0.35	0.36	0.20	0.29	0.58	0.02	4.1%
NC_1151	20	4399	1.65	1.64	0.14	1.64	1.36	1.45	1.66	1.61	1.39	1.04	1.13	0.65	0.95	1.66	0.02	1.5%
NC_1152	20	4428	1.96	1.94	0.16	1.95	1.58	1.71	1.98	1.91	1.66	1.24	1.35	0.77	1.14	1.98	0.03	1.3%
NC_1153	20	4428	2.00	1.99	0.16	2.00	1.64	1.75	2.02	1.94	1.70	1.27	1.38	0.80	1.17	2.02	0.02	0.8%
NC_1154	20	4429	1.73	1.62	0.27	1.63	1.71	1.59	1.63	1.62	1.28	1.01	1.06	0.59	0.87	1.71	0.08	4.7%
NC_1155	20	4428	3.05	3.04	0.21	3.06	2.45	2.74	3.07	3.00	2.61	1.95	2.06	1.22	1.73	3.07	0.01	0.4%
NC_1156	20	4429	2.97	2.98	0.26	2.98	2.60	2.43	2.98	2.83	2.45	1.80	1.99	1.12	1.67	2.98	0.00	0.1%
NC_1157	25	4394	3.61	3.66	0.26	3.67	2.54	3.22	3.60	3.54	3.34	2.55	2.64	1.59	2.15	3.60	-0.07	-1.9%
NC_1158	25	4466	6.70	6.63	0.32	6.64	4.34	5.78	6.41	6.32	6.50	5.08	5.22	3.15	4.13	6.50	-0.14	-2.1%
NC_1159	25	4458	6.80	6.73	0.31	6.73	4.34	5.87	6.47	6.39	6.66	5.24	5.36	3.24	4.23	6.66	-0.07	-1.0%
NC_1160	30	4498	7.04	6.93	0.58	7.09	4.29	6.02	6.57	6.50	7.03	5.64	5.71	3.47	4.43	7.03	-0.06	-0.9%
NC_1161	45	4531	2.70	2.70	0.29	2.71	1.73	2.30	2.31	2.30	2.70	2.50	2.49	1.66	2.01	2.70	-0.01	-0.5%
NC_1162	20	4433	0.74	0.71	0.11	0.71	0.66	0.71	0.70	0.71	0.59	0.47	0.48	0.28	0.40	0.71	0.00	-0.3%
NC_1163	20	4429	0.89	0.84	0.14	0.84	0.85	0.82	0.84	0.83	0.67	0.52	0.55	0.31	0.46	0.85	0.01	1.2%
NC_1164	45	4528	2.17	2.21	0.18	2.23	0.85	1.50	1.54	1.53	2.23	2.05	2.06	1.34	1.54	2.23	0.00	0.2%
NC_1165	20	4371	0.52	0.49	0.09	0.50	0.48	0.50	0.49	0.49	0.40	0.32	0.33	0.18	0.27	0.50	0.00	-0.8%
NC_1166	10	4364	1.14	1.14	0.11	1.15	1.15	1.02	1.02	1.02	0.78	0.63	0.65	0.36	0.53	1.15	0.00	0.2%
NC_1167	45	4528	3.40	3.43	0.34	3.44	2.16	2.78	3.00	2.96	3.44	3.21	3.21	2.17	2.52	3.44	0.00	-0.1%
NC_1168	45	4496	11.24	11.20	0.50	11.23	5.17	8.69	8.98	8.96	11.64	10.23	9.94	6.50	7.51	11.64	0.41	3.7%
NC_1169	90	4588	2.02	2.06	0.21	2.09	0.61	1.20	1.22	1.22	1.90	2.01	2.18	1.79	1.66	2.18	0.09	4.2%
NC_1170	60	4558	1.25	1.25	0.08	1.25	0.36	0.68	0.69	0.69	1.17	1.25	1.35	1.04	0.97	1.35	0.10	7.8%
NC_1171	20	4433	0.41	0.40	0.05	0.40	0.25	0.39	0.41	0.40	0.38	0.29	0.32	0.19	0.27	0.41	0.01	2.2%
NC_1172	25	4464	0.65	0.65	0.05	0.65	0.32	0.59	0.62	0.61	0.64	0.52	0.56	0.34	0.46	0.64	-0.01	-1.5%
NC_1173	90	4588	2.97	3.03	0.27	3.04	1.19	1.97	2.04	2.03	2.75	2.89	3.16	2.64	2.46	3.16	0.12	3.9%
NC_1174	20	4371	0.80	0.75	0.13	0.75	0.75	0.75	0.75	0.75	0.61	0.49	0.50	0.28	0.41	0.75	0.00	0.4%
NC_1175	20	4371	0.57	0.53	0.10	0.54	0.57	0.54	0.52	0.53	0.41	0.33	0.34	0.19	0.28	0.57	0.03	6.3%
NC_1176	45	4528	1.53	1.53	0.16	1.56	0.63	1.22	1.28	1.27	1.56	1.35	1.37	0.87	1.09	1.56	0.00	-0.1%
NC_1177	45	4496	11.49	11.44	0.41	11.53	5.06	8.66	8.92	8.89	11.84	10.73	10.25	6.94	7.82	11.84	0.31	2.7%
NC_1178	90	4588	3.10	3.16	0.26	3.18	1.09	1.95	2.01	2.00	2.86	3.00	3.32	2.81	2.63	3.32	0.14	4.3%
NC_1179	20	4433	0.39	0.38	0.06	0.39	0.28	0.38	0.39	0.39	0.35	0.27	0.28	0.17	0.24	0.39	0.00	-0.5%
NC_1180	20	4371	0.56	0.52	0.10	0.53	0.55	0.53	0.51	0.52	0.41	0.33	0.34	0.19	0.27	0.55	0.02	3.8%
NC_1181	20	4399	1.38	1.37	0.11	1.38	1.08	1.25	1.39	1.36	1.19	0.89	0.95	0.56	0.80	1.39	0.01	0.6%
NC_1182	25	4461	1.99	2.02	0.13	2.02	1.24	1.77	1.94	1.91	1.88	1.46	1.52	0.93	1.25	1.94	-0.08	-4.1%
NC_1183	45	4528	1.93	1.95	0.19	1.98	0.94	1.52	1.62	1.60	1.98	1.82	1.85	1.25	1.44	1.98	0.00	-0.1%
NC_1184	20	4399	0.69	0.66	0.07	0.67	0.60	0.61	0.68	0.66	0.55	0.41	0.45	0.25	0.38	0.68	0.01	1.9%
NC_1185	45	4528	1.41	1.43	0.11	1.45	0.51	1.00	1.03	1.03	1.45	1.36	1.38	0.92	1.04	1.45	0.00	0.3%
NC_1186	20	4429	0.41	0.40	0.06	0.40	0.32	0.40	0.40	0.40	0.34	0.27	0.28	0.16	0.24	0.40	0.00	-0.5%
NC_1187	90	4588	3.29	3.34	0.28	3.36	1.17	2.12	2.18	2.17	3.08	3.20	3.53	2.97	2.80	3.53	0.17	5.0%
NC_1188	45	4528	2.78	2.84	0.21	2.90	1.09	2.04	2.13	2.11	2.90	2.66	2.73	1.83	2.06	2.90	0.00	-0.1%
NC_1189	20	4371	0.56	0.53	0.09	0.53	0.52	0.53	0.52	0.53	0.42	0.34	0.35	0.20	0.29	0.53	0.00	0.4%
NC_1190	30	4498	7.30	7.20	0.60	7.35	4.32	6.33	6.79	6.73	7.36	5.97	6.04	3.73	4.71	7.36	0.01	0.2%
NC_1191	10	4364	1.18	1.19	0.11	1.19	1.19	1.07	1.07	1.07	0.83	0.66	0.69	0.38	0.56	1.19	0.00	0.3%
NC_1192	20	4399	3.25	3.19	0.30	3.20	2.69	2.90	3.26	3.15	2.78	2.11	2.26	1.31	1.92	3.26	0.06	1.8%
NC_1193	25	4461	4.65	4.60	0.22	4.63	2.95	4.05	4.43	4.39	4.50	3.54	3.66	2.23	2.91	4.50	-0.13	-2.7%
NC_1194	25	4466	20.07	20.18	1.42	20.41	15.14	17.50	20.02	19.57	18.52	14.29	14.87	9.00	12.16	20.02	-0.39	-1.9%
NC_1195	20	4429	1.79	1.72	0.22	1.75	1.73	1.57	1.75	1.69	1.38	1.04	1.12	0.64	0.94	1.75	0.00	-0.2%
NC_1196	20	4429	1.44	1.38	0.19	1.40	1.38	1.29	1.40	1.36	1.11	0.84	0.89	0.51	0.75	1.40	0.00	-0.1%
NC_1197	10	4364	0.69	0.69	0.07	0.70	0.70	0.61	0.60	0.61	0.46	0.37	0.39	0.21	0.31	0.70	0.00	0.0%
NC_1198	10	4364	0.90	0.91	0.09	0.92	0.92	0.80	0.79	0.80	0.61	0.49	0.51	0.28	0.41	0.92	0.00	-0.3%
NC_1199	20	4429	10.72	10.70	0.59	10.77	8.64	9.66	10.77	10.52	9.71	7.55	7.79	4.80	6.54	10.77	0.00	0.0%
NC_1200	10	4364	0.91	0.92	0.09	0.92	0.92	0.81	0.80	0.81	0.62	0.50	0.52	0.28	0.41	0.92	0.00	0.2%
NC_1201	20	4429	8.87	8.84	0.47	8.89	7.15	8.05	8.89	8.72	8.10	6.32	6.51	4.04	5.45	8.89	0.00	0.0%
NC_1202	10	4364	1.10	1.11	0.10	1.12	1.12	0.97	0.98	0.98	0.76	0.60	0.63	0.35	0.51	1.12	0.00	-0.2%
NC_1203	20	4433	1.80	1.73	0.20	1.73	1.66	1.65	1.76	1.73	1.46	1.12	1.16	0.68	0.99	1.76	0.03	1.9%
NC_1204	20	4429	1.92	1.86	0.22	1.89	1.86	1.67	1.89	1.82	1.49	1.11	1.20	0.69	1.01	1.89	0.00	-0.2%
NC_1205	10	4364	1.37	1.38	0.10	1.39	1.39	1.21	1.28	1.26	0.98	0.76	0.80	0.45	0.67	1.39	0.00	-0.2%
NC_1206	10	4357	0.57	0.57	0.06	0.58	0.58	0.51	0.49	0.50	0.38	0.31	0.32	0.17	0.25	0.58	0.00	0.0%
NC_1207	10	4364	1.18	1.19	0.10	1.20	1.20	1.02	1.07	1.05	0.81	0.63	0.67	0.38	0.55	1.20	0.00	-0.3%
NC_1208	20	4371	0.81	0.75	0.14	0.75	0.82	0.75	0.75	0.75	0.58	0.47	0.48	0.27	0.39	0.82	0.07	9.7%
NC_1209	20	4429	1.51	1.44	0.21	1.45	1.47	1.36	1.45	1.42	1.16	0.89	0.94	0.54	0.79	1.47	0.02	1.1%
NC_1210	20	4433	1.10	1.07	0.12	1.08	0.91	1.04	1.09	1.08	0.97	0.75	0.80	0.48	0.67	1.09	0.01	0.6%
NC_1211	20	4429	2.78	2.67	0.34	2.71	2.69	2.43	2.71	2.62	2.15	1.63	1.74	1.00	1.47	2.71	0.00	0.0%
NC_1212	10	4364	1.61	1.62	0.10	1.63	1.63	1.37	1.52	1.47	1.16	0.87	0.94	0.54	0.79	1.63	0.00	-0.1%
NC_1213	20	4371	0.53	0.50	0.09	0.51	0.48	0.51	0.50	0.50	0.41	0.33	0.34	0.19	0.28	0.51	0.00	-0.6%
NC_1214	20	4371	0.52	0.48	0.09	0.49	0.52	0.49	0.48	0.48	0.37	0.30	0.31	0.17	0.25	0.52	0.03	6.3%
NC_1215	20	4429	12.54	12.56	0.69	12.65	9.89	11.21	12.65	12.35	11.34	8.80	9.09	5.59	7.64	12.65	0.00	0.0%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_1216	20	4429	3.75	3.73	0.30	3.77	3.13	3.20	3.77	3.61	3.24	2.45	2.66	1.55	2.21	3.77	0.00	-0.1%
NC_1217	10	4364	0.57	0.58	0.06	0.58	0.58	0.53	0.51	0.52	0.40	0.32	0.34	0.18	0.27	0.58	0.00	0.0%
NC_1218	20	4433	1.19	1.14	0.14	1.15	1.07	1.11	1.16	1.15	0.97	0.75	0.76	0.45	0.65	1.16	0.01	1.1%
NC_1219	25	4466	3.71	3.70	0.23	3.73	2.53	3.17	3.59	3.52	3.52	2.74	2.87	1.73	2.30	3.59	-0.14	-3.7%
NC_1220	20	4429	2.56	2.43	0.32	2.45	2.56	2.27	2.45	2.41	1.92	1.46	1.53	0.89	1.30	2.56	0.11	4.6%
NC_1221	10	4357	0.63	0.63	0.07	0.64	0.64	0.57	0.56	0.56	0.43	0.35	0.36	0.20	0.29	0.64	0.00	-0.3%
NC_1222	20	4429	2.22	2.18	0.24	2.21	2.10	1.88	2.21	2.11	1.74	1.29	1.41	0.80	1.20	2.21	0.00	-0.2%
NC_1223	10	4364	1.14	1.15	0.10	1.16	1.16	0.98	1.02	1.01	0.78	0.61	0.64	0.36	0.53	1.16	0.00	-0.3%
NC_1224	20	4429	0.78	0.74	0.12	0.74	0.72	0.74	0.74	0.74	0.61	0.48	0.50	0.28	0.42	0.74	0.00	0.0%
NC_1225	20	4399	2.08	2.04	0.19	2.06	1.70	1.87	2.09	2.03	1.78	1.35	1.44	0.84	1.23	2.09	0.02	1.2%
NC_1226	20	4399	1.70	1.69	0.13	1.69	1.26	1.60	1.71	1.69	1.55	1.19	1.26	0.78	1.06	1.71	0.02	1.0%
NC_1227	25	4466	22.38	22.22	1.28	22.29	15.75	19.47	21.87	21.51	21.17	16.50	17.01	10.34	13.78	21.87	-0.42	-1.9%
NC_1228	25	4458	25.05	24.82	1.22	24.95	16.98	21.72	24.11	23.83	24.03	18.87	19.33	11.76	15.41	24.11	-0.84	-3.4%
NC_1229	20	4429	3.43	3.43	0.25	3.47	2.90	2.92	3.47	3.35	2.84	2.08	2.26	1.29	1.89	3.47	0.00	0.0%
NC_1230	10	4364	1.32	1.33	0.10	1.34	1.34	1.15	1.21	1.19	0.93	0.72	0.76	0.43	0.63	1.34	-0.01	-0.4%
NC_1231	20	4429	2.07	1.98	0.25	2.02	2.06	1.80	2.02	1.95	1.57	1.17	1.26	0.73	1.07	2.06	0.04	2.1%
NC_1232	20	4433	0.77	0.75	0.11	0.76	0.56	0.75	0.76	0.76	0.69	0.55	0.58	0.36	0.49	0.76	0.00	-0.3%
NC_1233	20	4404	3.58	3.57	0.26	3.57	2.59	3.22	3.62	3.50	3.40	2.65	2.87	1.74	2.42	3.62	0.05	1.3%
NC_1234	20	4399	2.89	2.86	0.23	2.88	1.96	2.64	2.93	2.84	2.78	2.16	2.36	1.41	1.99	2.93	0.05	1.8%
NC_1235	45	4528	2.18	2.19	0.22	2.21	1.25	1.78	1.89	1.87	2.21	2.00	2.01	1.33	1.58	2.21	0.00	0.1%
NC_1236	20	4371	0.51	0.48	0.08	0.48	0.46	0.48	0.48	0.48	0.39	0.31	0.32	0.18	0.27	0.48	0.00	0.6%
NC_1237	45	4528	2.91	2.93	0.26	2.93	1.84	2.53	2.59	2.59	2.93	2.76	2.75	1.88	2.11	2.93	0.00	-0.1%
NC_1238	20	4433	0.83	0.80	0.10	0.80	0.73	0.76	0.82	0.80	0.68	0.52	0.55	0.32	0.47	0.82	0.02	2.6%
NC_1239	45	4528	3.58	3.55	0.35	3.57	2.60	3.32	3.47	3.44	3.57	3.27	3.25	2.24	2.67	3.57	0.00	-0.1%
NC_1240	30	4500	3.96	3.90	0.33	3.92	2.97	3.66	3.89	3.83	3.93	3.56	3.54	2.45	2.93	3.93	0.01	0.3%
NC_1241	20	4429	0.93	0.88	0.15	0.88	0.92	0.85	0.88	0.87	0.69	0.54	0.57	0.32	0.47	0.92	0.04	4.1%
NC_1242	20	4429	1.22	1.16	0.17	1.17	1.18	1.07	1.17	1.14	0.92	0.70	0.75	0.43	0.63	1.18	0.01	0.4%
NC_1243	20	4429	1.05	0.98	0.16	0.99	1.04	0.95	0.99	0.98	0.77	0.60	0.63	0.36	0.52	1.04	0.05	5.1%
NC_1244	20	4429	2.32	2.20	0.32	2.24	2.25	2.03	2.24	2.17	1.75	1.34	1.44	0.81	1.20	2.25	0.01	0.3%
NC_1245	20	4429	0.95	0.89	0.15	0.89	0.94	0.87	0.89	0.88	0.70	0.55	0.58	0.32	0.47	0.94	0.05	5.8%
NC_1246	10	4364	0.68	0.69	0.07	0.69	0.69	0.62	0.61	0.62	0.47	0.38	0.40	0.22	0.32	0.69	0.00	0.1%
NC_1247	10	4364	1.02	1.02	0.09	1.03	1.03	0.89	0.92	0.91	0.70	0.55	0.58	0.32	0.48	1.03	0.00	0.1%
NC_1248	20	4429	1.48	1.40	0.21	1.42	1.46	1.33	1.42	1.39	1.12	0.86	0.90	0.52	0.76	1.46	0.04	2.8%
NC_1249	25	4464	0.70	0.69	0.06	0.70	0.38	0.64	0.68	0.67	0.68	0.55	0.59	0.36	0.49	0.68	-0.02	-3.0%
NC_1250	20	4399	3.53	3.53	0.27	3.53	2.56	3.19	3.56	3.46	3.32	2.59	2.81	1.70	2.34	3.56	0.03	0.7%
NC_1251	20	4433	0.39	0.38	0.06	0.38	0.29	0.38	0.38	0.38	0.33	0.26	0.27	0.16	0.23	0.38	0.00	0.3%
NC_1252	20	4399	1.72	1.70	0.16	1.71	1.22	1.55	1.74	1.68	1.58	1.21	1.32	0.78	1.13	1.74	0.03	1.9%
NC_1253	20	4433	1.14	1.12	0.11	1.12	0.70	1.07	1.15	1.12	1.07	0.83	0.90	0.54	0.75	1.15	0.03	2.9%
NC_1254	20	4433	0.40	0.39	0.05	0.39	0.27	0.39	0.40	0.39	0.36	0.28	0.30	0.17	0.25	0.40	0.01	1.8%
NC_1255	25	4461	2.44	2.49	0.24	2.53	1.49	2.16	2.44	2.35	2.35	1.83	1.99	1.18	1.64	2.44	-0.09	-3.8%
NC_1256	30	4498	3.16	3.12	0.31	3.15	1.57	2.68	2.85	2.83	3.18	2.58	2.71	1.67	2.20	3.18	0.02	0.8%
NC_1257	30	4498	3.25	3.22	0.31	3.26	1.62	2.74	2.95	2.91	3.31	2.71	2.83	1.75	2.27	3.31	0.05	1.5%
NC_1258	20	4433	0.45	0.43	0.07	0.43	0.38	0.43	0.43	0.43	0.36	0.29	0.29	0.17	0.25	0.43	0.00	0.5%
NC_1259	30	4498	8.55	8.40	0.90	8.49	4.80	7.38	8.00	7.87	8.66	6.96	7.37	4.51	5.98	8.66	0.17	2.0%
NC_1260	20	4371	0.62	0.60	0.09	0.60	0.50	0.60	0.60	0.60	0.52	0.42	0.43	0.25	0.36	0.60	0.00	0.3%
NC_1261	120	4499	163.96	163.02	13.01	165.45	49.26	88.97	89.49	89.49	135.47	147.91	165.45	170.35	146.38	170.35	4.90	3.0%
NC_1262	25	4460	0.64	0.65	0.05	0.65	0.31	0.57	0.62	0.60	0.64	0.51	0.55	0.34	0.46	0.64	-0.01	-1.7%
NC_1263	20	4433	1.62	1.53	0.21	1.54	1.60	1.52	1.53	1.54	1.35	1.10	1.18	0.76	1.00	1.60	0.06	3.8%
NC_1264	25	4460	1.43	1.45	0.14	1.46	0.81	1.27	1.41	1.37	1.38	1.07	1.17	0.70	0.98	1.41	-0.05	-3.2%
NC_1265	25	4462	1.98	2.01	0.21	2.04	1.25	1.77	2.00	1.93	1.89	1.46	1.60	0.95	1.33	2.00	-0.04	-1.9%
NC_1266	25	4461	3.66	3.74	0.31	3.76	2.11	3.17	3.55	3.44	3.61	2.83	3.06	1.83	2.50	3.61	-0.15	-4.1%
NC_1267	20	4433	0.45	0.43	0.07	0.43	0.37	0.43	0.43	0.43	0.37	0.29	0.30	0.17	0.25	0.43	0.00	0.9%
NC_1268	20	4371	0.48	0.46	0.08	0.46	0.44	0.46	0.45	0.45	0.37	0.29	0.30	0.17	0.25	0.46	0.00	0.0%
NC_1269	30	4498	3.84	3.72	0.47	3.77	2.16	3.27	3.65	3.55	3.85	3.04	3.27	1.97	2.64	3.85	0.08	2.2%
NC_1270	20	4433	1.07	1.01	0.15	1.02	0.91	0.99	1.04	1.02	0.87	0.67	0.70	0.40	0.59	1.04	0.02	2.4%
NC_1271	30	4498	3.81	3.78	0.34	3.82	2.05	3.30	3.48	3.46	3.86	3.17	3.29	2.05	2.65	3.86	0.04	1.0%
NC_1272	20	4433	0.18	0.17	0.03	0.17	0.13	0.17	0.17	0.17	0.15	0.11	0.12	0.07	0.10	0.17	0.00	1.8%
NC_1273	60	4558	6.23	6.19	0.50	6.19	2.21	4.21	4.32	4.30	6.22	6.19	6.64	5.22	5.25	6.64	0.45	7.3%
NC_1274	20	4428	1.88	1.86	0.15	1.87	1.55	1.64	1.90	1.83	1.58	1.17	1.27	0.73	1.07	1.90	0.03	1.4%
NC_1275	25	4458	3.22	3.20	0.13	3.21	2.03	2.78	3.05	3.02	3.14	2.46	2.52	1.51	1.97	3.14	-0.07	-2.1%
NC_1276	20	4429	1.13	1.06	0.17	1.07	1.12	1.02	1.07	1.05	0.83	0.65	0.68	0.38	0.56	1.12	0.05	4.6%
NC_1277	20	4399	1.23	1.21	0.13	1.21	0.86	1.12	1.25	1.21	1.12	0.86	0.93	0.55	0.78	1.25	0.04	3.1%
NC_1278	15	4401	8.27	8.09	0.74	8.14	8.17	6.77	7.86	7.38	5.96	4.41	4.85	2.75	4.05	8.17	0.03	0.3%
NC_1279	15	4401	12.24	12.26	0.59	12.34	10.98	9.75	12.07	11.56	9.56	6.91	7.62	4.29	6.37	12.07	-0.27	-2.2%
NC_1280	10	4364	1.85	1.86	0.14	1.87	1.87	1.51	1.61	1.58	1.21	0.93	0.99	0.56	0.81	1.87	0.00	0.0%
NC_1281	10	4364	0.78	0.78	0.08	0.78	0.78	0.67	0.66	0.66	0.50	0.40	0.42	0.23	0.34	0.78	0.00	0.5%
NC_1282	10	4357	0.55	0.55	0.06	0.56	0.56	0.51	0.49	0.50	0.38	0.31	0.32	0.17	0.25	0.56	0.00	-0.2%
NC_1283	15	4401	7.93	7.71	0.79	7.73	7.89	6.48	7.49	7.13	5.67	4.21	4.60	2.62	3.85	7.89	0.16	2.1%
NC_1284	10	4364	1.28	1.29	0.11	1.29	1.29	1.06	1.10	1.09	0.83	0.64	0.68	0.38	0.56	1.29	0.00	0.3%
NC_1285	10	4357	0.67	0.67	0.07	0.68	0.68	0.61	0.60	0.61	0.46	0.38	0.39	0.21	0.31	0.68	0.00	-0.3%
NC_1286	10	4357	0.55	0.56	0.06	0.56	0.56	0.51	0.49	0.50	0.38	0.31	0.32	0.17	0.25	0.56	0.00	0.5%
NC_1287	20	4371	0.52	0.48	0.09	0.49	0.52	0.49	0.47	0.48	0.37	0.30	0.31	0.17	0.25	0.52	0.03	6.5%
NC_1288	10	4364	1.66	1.67	0.13	1.68	1.68	1.44	1.51	1.49	1.16	0.90	0.94	0.54	0.78	1.68	0.00	-0.1%
NC_1289	20	4371	0.51	0.47	0.09	0.48	0.52	0.48	0.46	0.47	0.36	0.29	0.30	0.16	0.24	0.52	0.04	8.1%
NC_1290	20	4429	1.00	0.94	0.15	0.95	0.98	0.91	0.95	0.93	0.74	0.58	0.60	0.34	0.50	0.98	0.03	3.4%
NC_1291	20	4371	0.61	0.56	0.11	0.57	0.60	0.57	0.56	0.56	0.44	0.35	0.37	0.20	0.30	0.60	0.03	5.6%
NC_1292	20	4429	0.70	0.66	0.11	0.66	0.65	0.66	0.66	0.66	0.53	0.42	0.44	0.25	0.36	0.66	0.00	-0.2%
NC_1293	20	4429	1.10	1.05	0.16	1.06	1.02	1.01	1.06	1.04	0.86	0.66	0.69	0.40	0.58	1.06	0.00	-0.4%
NC_1294	20	4399	1.60	1.55	0.17	1.55	1.42	1.44	1.59	1.55	1.32	0.99	1.07	0.62	0.91	1.59	0.04	2.5%
NC_1295	20	4371	0.49	0.46	0.09	0.47	0.48	0.47	0.45	0.46	0.36	0.29	0.30	0.17	0.24	0.48	0.01	2.3%
NC_1296	20	4367	3.98	3.87	0.45	3.91	3.62	3.40	3.95	3.75	3.17	2.38	2.59	1.47	2.19	3.95	0.04	1.0%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_1297	25	4466	5.53	5.57	0.34	5.61	3.61	4.78	5.35	5.26	5.31	4.12	4.31	2.59	3.48	5.35	-0.26	-4.6%
NC_1298	10	4364	0.57	0.57	0.06	0.57	0.58	0.52	0.50	0.51	0.39	0.31	0.33	0.18	0.26	0.58	0.01	0.9%
NC_1299	20	4371	0.53	0.49	0.10	0.50	0.53	0.50	0.49	0.49	0.38	0.31	0.32	0.17	0.26	0.53	0.03	6.2%
NC_1300	20	4371	0.58	0.54	0.10	0.54	0.57	0.54	0.53	0.53	0.41	0.33	0.35	0.19	0.28	0.57	0.03	6.3%
NC_1301	60	4558	30.15	29.60	2.47	29.74	9.64	17.91	18.42	18.39	30.25	29.74	31.22	21.27	24.41	31.22	1.48	5.0%
NC_1302	10	4364	0.58	0.58	0.06	0.59	0.59	0.53	0.52	0.52	0.40	0.32	0.34	0.18	0.27	0.59	0.00	-0.5%
NC_1303	20	4399	0.82	0.79	0.09	0.80	0.72	0.73	0.81	0.79	0.67	0.50	0.53	0.30	0.45	0.81	0.01	1.7%
NC_1304	25	4394	5.02	5.11	0.37	5.15	3.47	4.42	4.98	4.87	4.73	3.63	3.82	2.28	3.10	4.98	-0.17	-3.3%
NC_1305	20	4371	0.57	0.53	0.10	0.53	0.58	0.53	0.52	0.52	0.40	0.32	0.34	0.18	0.27	0.58	0.04	8.5%
NC_1306	20	4429	1.01	0.94	0.16	0.94	1.02	0.91	0.94	0.93	0.73	0.57	0.60	0.34	0.49	1.02	0.08	8.4%
NC_1307	20	4429	1.56	1.49	0.21	1.51	1.53	1.38	1.51	1.47	1.19	0.90	0.96	0.55	0.81	1.53	0.02	1.2%
NC_1308	10	4357	0.53	0.54	0.06	0.54	0.54	0.49	0.48	0.48	0.37	0.30	0.31	0.17	0.25	0.54	0.00	0.0%
NC_1309	10	4357	0.93	0.94	0.08	0.95	0.95	0.83	0.86	0.85	0.66	0.51	0.54	0.30	0.44	0.95	0.00	-0.4%
NC_1310	20	4399	5.30	5.21	0.53	5.21	4.76	4.43	5.31	4.99	4.29	3.20	3.53	1.98	2.97	5.31	0.10	1.8%
NC_1311	20	4367	4.01	3.91	0.44	3.94	3.66	3.44	3.98	3.76	3.21	2.42	2.64	1.49	2.23	3.98	0.04	1.1%
NC_1312	20	4429	1.08	1.04	0.13	1.05	1.02	0.99	1.05	1.04	0.84	0.65	0.66	0.38	0.56	1.05	0.00	-0.4%
NC_1313	20	4429	1.31	1.23	0.19	1.24	1.30	1.18	1.24	1.23	0.98	0.76	0.79	0.45	0.66	1.30	0.06	4.7%
NC_1314	10	4357	0.54	0.55	0.06	0.55	0.55	0.50	0.49	0.49	0.38	0.31	0.32	0.17	0.25	0.55	0.00	0.4%
NC_1315	20	4371	0.57	0.53	0.10	0.53	0.57	0.53	0.52	0.53	0.41	0.33	0.34	0.19	0.28	0.57	0.04	7.4%
NC_1316	20	4371	0.58	0.54	0.10	0.55	0.57	0.55	0.54	0.54	0.42	0.34	0.35	0.19	0.28	0.57	0.02	4.4%
NC_1317	20	4429	2.18	2.10	0.28	2.13	2.04	1.93	2.13	2.06	1.71	1.30	1.39	0.79	1.17	2.13	0.00	0.0%
NC_1318	20	4371	0.64	0.59	0.11	0.59	0.65	0.59	0.58	0.59	0.45	0.37	0.38	0.21	0.30	0.65	0.06	9.3%
NC_1319	60	4555	6.80	6.67	0.35	6.71	3.27	4.41	4.45	4.45	6.59	6.55	5.32	5.11	4.46	6.59	-0.12	-1.8%
NC_1320	10	4364	1.14	1.14	0.09	1.15	1.15	1.02	1.06	1.05	0.82	0.64	0.67	0.38	0.56	1.15	0.00	0.0%
NC_1321	30	4498	5.39	5.33	0.37	5.43	3.59	4.73	5.05	5.02	5.47	4.55	4.53	2.90	3.64	5.47	0.04	0.6%
NC_1322	30	4498	5.38	5.32	0.35	5.42	3.52	4.70	5.01	4.98	5.49	4.61	4.57	2.95	3.65	5.49	0.07	1.3%
NC_1323	20	4371	0.34	0.32	0.06	0.33	0.31	0.33	0.32	0.32	0.25	0.20	0.21	0.12	0.17	0.33	-0.01	-1.5%
NC_1324	45	4534	18.39	18.41	0.93	18.76	9.65	14.80	15.53	15.46	19.01	17.17	16.93	11.99	13.49	19.01	0.25	1.3%
NC_1325	25	4460	5.50	5.54	0.37	5.58	3.77	4.99	5.36	5.26	5.46	4.52	4.62	2.97	3.76	5.46	-0.12	-2.1%
NC_1326	20	4433	0.38	0.36	0.06	0.37	0.34	0.37	0.36	0.37	0.30	0.24	0.24	0.14	0.20	0.37	0.00	-0.3%
NC_1327	45	4528	5.59	5.62	0.40	5.75	2.93	4.53	4.78	4.75	5.75	5.05	5.04	3.28	3.85	5.75	0.00	0.0%
NC_1328	20	4399	0.83	0.79	0.09	0.79	0.77	0.73	0.81	0.79	0.65	0.48	0.52	0.30	0.44	0.81	0.02	2.9%
NC_1329	20	4371	0.60	0.56	0.10	0.57	0.56	0.57	0.56	0.56	0.45	0.36	0.37	0.21	0.31	0.57	0.00	-0.7%
NC_1330	25	4394	2.46	2.46	0.15	2.47	1.47	2.21	2.37	2.34	2.41	1.99	2.04	1.30	1.68	2.41	-0.06	-2.6%
NC_1331	20	4399	0.75	0.74	0.06	0.74	0.52	0.69	0.75	0.74	0.69	0.53	0.57	0.34	0.48	0.75	0.01	1.8%
NC_1332	20	4433	0.59	0.57	0.09	0.57	0.50	0.57	0.57	0.57	0.48	0.39	0.39	0.23	0.33	0.57	0.00	0.0%
NC_1333	45	4528	4.17	4.16	0.37	4.23	2.52	3.57	3.75	3.74	4.23	3.74	3.75	2.45	2.91	4.23	0.00	-0.1%
NC_1334	45	4528	3.00	2.98	0.29	3.06	1.58	2.51	2.68	2.65	3.06	2.61	2.66	1.70	2.11	3.06	0.00	0.0%
NC_1335	20	4404	4.51	4.49	0.36	4.51	3.68	4.09	4.55	4.43	4.17	3.24	3.50	2.11	2.92	4.55	0.04	0.9%
NC_1336	20	4428	3.24	3.21	0.26	3.23	2.81	2.83	3.26	3.12	2.88	2.23	2.42	1.45	2.07	3.26	0.03	1.1%
NC_1337	20	4428	7.22	7.20	0.48	7.28	5.63	6.45	7.30	7.10	6.65	5.10	5.50	3.28	4.61	7.30	0.01	0.2%
NC_1338	20	4367	1.52	1.45	0.21	1.45	1.40	1.40	1.47	1.44	1.19	0.92	0.97	0.55	0.82	1.47	0.02	1.3%
NC_1339	25	4464	0.78	0.77	0.07	0.78	0.46	0.73	0.76	0.75	0.76	0.63	0.66	0.41	0.55	0.76	-0.02	-2.6%
NC_1340	20	4371	0.50	0.47	0.09	0.48	0.48	0.48	0.47	0.47	0.37	0.30	0.31	0.17	0.25	0.48	0.00	-0.6%
NC_1341	20	4433	1.20	1.15	0.14	1.17	1.01	1.14	1.17	1.17	1.05	0.83	0.87	0.54	0.74	1.17	0.00	0.0%
NC_1342	20	4433	0.61	0.60	0.06	0.60	0.44	0.58	0.61	0.60	0.57	0.44	0.48	0.29	0.40	0.61	0.01	1.3%
NC_1343	20	4433	2.31	2.25	0.23	2.25	1.96	2.14	2.30	2.25	2.05	1.59	1.72	1.04	1.44	2.30	0.05	2.1%
NC_1344	20	4371	0.74	0.71	0.11	0.71	0.62	0.71	0.71	0.71	0.61	0.49	0.50	0.30	0.42	0.71	0.00	0.0%
NC_1345	20	4371	0.40	0.39	0.06	0.39	0.31	0.39	0.39	0.39	0.33	0.26	0.27	0.16	0.23	0.39	-0.01	-1.3%
NC_1346	20	4433	0.47	0.45	0.08	0.45	0.41	0.46	0.45	0.45	0.37	0.30	0.30	0.17	0.25	0.46	0.01	1.1%
NC_1347	20	4433	2.51	2.40	0.32	2.42	2.06	2.32	2.48	2.42	2.10	1.62	1.72	1.00	1.45	2.48	0.06	2.3%
NC_1348	20	4371	0.50	0.47	0.09	0.47	0.50	0.47	0.46	0.46	0.36	0.29	0.30	0.16	0.24	0.50	0.03	5.7%
NC_1349	20	4429	1.54	1.47	0.21	1.48	1.46	1.40	1.48	1.46	1.19	0.92	0.96	0.55	0.81	1.48	0.00	0.1%
NC_1350	20	4399	8.07	7.99	0.73	8.01	6.76	6.88	8.10	7.71	6.93	5.22	5.75	3.28	4.81	8.10	0.09	1.1%
NC_1351	20	4429	1.06	1.01	0.16	1.01	1.03	0.97	1.01	1.00	0.80	0.62	0.65	0.37	0.55	1.03	0.02	1.7%
NC_1352	20	4371	0.63	0.59	0.11	0.59	0.62	0.59	0.58	0.58	0.45	0.37	0.38	0.21	0.31	0.62	0.03	5.4%
NC_1353	20	4371	0.54	0.50	0.09	0.51	0.52	0.51	0.49	0.50	0.39	0.32	0.33	0.18	0.26	0.52	0.01	2.4%
NC_1354	20	4429	1.56	1.49	0.20	1.51	1.47	1.42	1.51	1.48	1.22	0.94	0.98	0.57	0.83	1.51	0.00	-0.2%
NC_1355	20	4429	1.02	0.96	0.16	0.97	0.99	0.94	0.97	0.96	0.77	0.60	0.62	0.35	0.52	0.99	0.02	2.4%
NC_1356	20	4399	8.41	8.33	0.71	8.40	6.89	7.12	8.48	8.04	7.37	5.56	6.11	3.50	5.09	8.48	0.08	0.9%
NC_1357	10	4357	0.35	0.35	0.04	0.36	0.36	0.32	0.31	0.31	0.24	0.19	0.20	0.11	0.16	0.36	0.00	-1.1%
NC_1358	20	4399	2.14	2.08	0.21	2.09	1.92	1.87	2.14	2.06	1.74	1.29	1.42	0.81	1.19	2.14	0.05	2.6%
NC_1359	20	4371	0.58	0.54	0.10	0.54	0.58	0.54	0.53	0.54	0.42	0.34	0.35	0.19	0.28	0.58	0.04	7.4%
NC_1360	20	4429	1.05	0.99	0.16	0.99	1.02	0.96	0.99	0.98	0.78	0.61	0.64	0.36	0.53	1.02	0.03	3.2%
NC_1361	90	4588	3.35	3.31	0.40	3.34	1.31	2.34	2.37	2.37	3.22	3.29	3.48	3.07	2.99	3.48	0.14	4.2%
NC_1362	20	4367	2.50	2.41	0.27	2.42	2.27	2.16	2.49	2.38	2.02	1.52	1.65	0.94	1.38	2.49	0.07	2.8%
NC_1363	20	4367	2.09	2.00	0.27	2.03	1.96	1.87	2.03	1.98	1.64	1.24	1.33	0.76	1.12	2.03	0.00	0.0%
NC_1364	20	4429	0.88	0.82	0.14	0.82	0.87	0.80	0.82	0.81	0.64	0.50	0.52	0.30	0.43	0.87	0.05	6.2%
NC_1365	20	4404	5.54	5.46	0.53	5.46	4.90	4.68	5.56	5.26	4.55	3.40	3.74	2.11	3.15	5.56	0.10	1.9%
NC_1366	20	4367	3.41	3.30	0.37	3.30	3.09	2.94	3.38	3.23	2.73	2.05	2.23	1.27	1.89	3.38	0.08	2.5%
NC_1367	20	4367	1.63	1.57	0.20	1.59	1.55	1.44	1.60	1.55	1.27	0.95	1.03	0.59	0.87	1.60	0.01	0.5%
NC_1368	30	4500	2.48	2.46	0.19	2.49	1.90	2.34	2.43	2.41	2.43	2.15	2.14	1.42	1.82	2.43	-0.06	-2.2%
NC_1369	20	4371	0.52	0.48	0.09	0.48	0.52	0.48	0.47	0.47	0.36	0.29	0.31	0.17	0.24	0.52	0.04	8.5%
NC_1370	20	4429	1.18	1.12	0.17	1.13	1.12	1.08	1.13	1.11	0.91	0.70	0.73	0.42	0.62	1.13	0.00	0.1%
NC_1371	90	4395	24.76	25.00	1.68	25.12	6.10	10.89	10.96	10.96	20.16	22.60	26.11	23.42	20.66	26.11	0.99	3.9%
NC_1372	20	4429	1.24	1.18	0.17	1.20	1.17	1.12	1.20	1.17	0.96	0.74	0.78	0.45	0.66	1.20	0.00	-0.3%
NC_1373	90	4395	20.21	20.58	1.81	20.78	3.83	9.12	9.19	9.18	17.06	19.03	21.56	18.28	16.82	21.56	0.78	3.8%
NC_1374	20	4371	0.35	0.32	0.07	0.33	0.35	0.33	0.31	0.32	0.24	0.20	0.20	0.11	0.16	0.35	0.02	6.7%
NC_1375	20	4429	0.72	0.68	0.12	0.68	0.68	0.68	0.68	0.68	0.55	0.43	0.45	0.25	0.38	0.68	0.00	0.4%
NC_1376	20	4429	1.40	1.34	0.19	1.35	1.35	1.27	1.35	1.32	1.08	0.83	0.88	0.50	0.74	1.35	0.00	-0.1%
NC_1377	20	4433	0.57	0.56	0.09	0.56	0.43	0.56	0.56	0.56	0.50	0.40	0.41	0.25	0.35	0.56	0.00	0.7%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_1378	20	4433	0.47	0.45	0.08	0.45	0.40	0.45	0.45	0.45	0.37	0.30	0.30	0.17	0.26	0.45	0.00	0.4%
NC_1379	20	4399	2.13	2.12	0.15	2.13	1.67	1.96	2.14	2.09	2.05	1.64	1.75	1.09	1.45	2.14	0.01	0.6%
NC_1380	20	4367	2.48	2.40	0.27	2.42	2.30	2.16	2.45	2.36	2.01	1.53	1.65	0.96	1.39	2.45	0.03	1.2%
NC_1381	20	4433	0.52	0.50	0.08	0.50	0.44	0.50	0.50	0.50	0.42	0.33	0.34	0.20	0.29	0.50	0.00	0.0%
NC_1382	20	4371	0.75	0.70	0.13	0.70	0.74	0.70	0.69	0.70	0.55	0.44	0.45	0.25	0.37	0.74	0.04	5.0%
NC_1383	20	4399	1.45	1.42	0.14	1.43	1.23	1.31	1.45	1.42	1.23	0.92	1.00	0.58	0.84	1.45	0.02	1.6%
NC_1384	20	4429	1.04	0.98	0.16	0.99	0.99	0.95	0.99	0.98	0.79	0.61	0.64	0.36	0.54	0.99	0.00	0.3%
NC_1385	10	4357	0.61	0.62	0.06	0.62	0.62	0.55	0.53	0.54	0.41	0.33	0.34	0.19	0.27	0.62	0.00	0.3%
NC_1386	60	4558	15.58	15.53	1.09	15.55	5.86	10.19	10.46	10.45	15.25	15.55	16.01	12.49	12.31	16.01	0.46	3.0%
NC_1387	20	4399	1.55	1.53	0.13	1.53	1.30	1.44	1.55	1.53	1.37	1.06	1.13	0.70	0.95	1.55	0.02	1.1%
NC_1388	45	4528	1.87	1.86	0.17	1.90	1.09	1.61	1.70	1.69	1.90	1.65	1.65	1.07	1.30	1.90	0.00	0.2%
NC_1389	20	4371	0.50	0.47	0.09	0.48	0.47	0.48	0.47	0.47	0.38	0.30	0.31	0.17	0.25	0.48	0.00	-0.6%
NC_1390	20	4429	1.91	1.82	0.26	1.84	1.84	1.72	1.84	1.80	1.46	1.12	1.18	0.68	0.99	1.84	0.00	-0.1%
NC_1391	20	4371	0.60	0.56	0.10	0.56	0.59	0.56	0.55	0.56	0.44	0.35	0.36	0.20	0.30	0.59	0.03	5.0%
NC_1392	20	4429	0.90	0.84	0.14	0.85	0.88	0.82	0.85	0.84	0.67	0.52	0.55	0.31	0.45	0.88	0.03	3.6%
NC_1393	60	4558	21.92	21.81	1.62	21.84	9.35	15.38	15.90	15.89	21.82	21.84	22.44	17.49	17.26	22.44	0.60	2.7%
NC_1394	45	4528	5.84	5.83	0.36	6.02	3.41	4.89	5.27	5.22	6.02	5.49	5.59	4.09	4.35	6.02	0.00	0.0%
NC_1395	45	4528	5.83	5.81	0.43	5.97	3.61	5.00	5.44	5.38	5.97	5.44	5.53	4.00	4.33	5.97	0.00	-0.1%
NC_1396	25	4460	1.31	1.31	0.12	1.32	0.89	1.20	1.32	1.29	1.24	0.97	1.05	0.64	0.87	1.32	-0.01	-0.4%
NC_1397	20	4371	0.65	0.60	0.11	0.60	0.66	0.60	0.59	0.60	0.46	0.37	0.39	0.21	0.31	0.66	0.06	9.3%
NC_1398	20	4404	1.58	1.57	0.12	1.57	1.35	1.39	1.59	1.54	1.31	0.96	1.04	0.60	0.87	1.59	0.02	1.0%
NC_1399	20	4371	0.57	0.53	0.10	0.53	0.57	0.53	0.52	0.52	0.40	0.33	0.34	0.19	0.27	0.57	0.04	8.1%
NC_1400	20	4371	0.54	0.51	0.10	0.51	0.53	0.51	0.50	0.51	0.40	0.32	0.33	0.18	0.27	0.53	0.02	3.5%
NC_1401	10	4357	0.81	0.81	0.04	0.82	0.82	0.68	0.76	0.74	0.58	0.44	0.47	0.27	0.39	0.82	0.00	-0.5%
NC_1402	10	4361	0.04	0.04	0.00	0.04	0.04	0.04	0.03	0.03	0.02	0.02	0.02	0.01	0.01	0.04	0.00	-5.0%
NC_1403	20	4433	0.84	0.81	0.09	0.82	0.74	0.79	0.82	0.82	0.71	0.56	0.57	0.34	0.49	0.82	0.00	0.5%
NC_1404	20	4429	1.34	1.29	0.15	1.31	1.27	1.21	1.31	1.28	1.09	0.84	0.88	0.52	0.77	1.31	0.00	-0.2%
NC_1405	20	4429	1.70	1.70	0.07	1.71	1.18	1.62	1.71	1.70	1.57	1.20	1.19	0.73	1.00	1.71	0.00	-0.2%
NC_1406	10	4357	0.04	0.04	0.00	0.04	0.04	0.04	0.03	0.04	0.03	0.02	0.02	0.01	0.02	0.04	0.00	5.0%
NC_1407	20	4371	0.19	0.18	0.04	0.18	0.18	0.18	0.17	0.18	0.14	0.11	0.11	0.06	0.09	0.18	0.00	0.6%
NC_1408	20	4429	1.42	1.36	0.19	1.37	1.35	1.29	1.37	1.35	1.11	0.85	0.89	0.51	0.75	1.37	0.00	0.2%
NC_1409	20	4371	0.76	0.72	0.13	0.72	0.74	0.72	0.71	0.72	0.57	0.46	0.47	0.27	0.39	0.74	0.02	2.2%
NC_1410	10	4357	0.59	0.60	0.06	0.60	0.60	0.54	0.52	0.53	0.40	0.33	0.34	0.19	0.27	0.60	0.00	0.0%
NC_1411	20	4433	1.22	1.13	0.20	1.13	1.23	1.12	1.13	1.13	0.88	0.70	0.73	0.41	0.60	1.23	0.10	8.8%
NC_1412	20	4428	1.45	1.44	0.12	1.46	1.22	1.24	1.47	1.42	1.20	0.88	0.97	0.55	0.81	1.47	0.01	0.7%
NC_1413	10	4364	0.26	0.26	0.03	0.26	0.26	0.24	0.23	0.23	0.17	0.14	0.15	0.08	0.12	0.26	0.00	0.8%
NC_1414	10	4357	0.64	0.64	0.07	0.65	0.65	0.56	0.55	0.55	0.42	0.34	0.35	0.19	0.28	0.65	0.00	-0.6%
NC_1415	20	4429	3.35	3.36	0.19	3.38	2.66	2.96	3.38	3.31	2.91	2.19	2.30	1.38	1.98	3.38	0.00	-0.1%
NC_1416	20	4429	1.58	1.53	0.16	1.55	1.52	1.39	1.55	1.50	1.28	0.98	1.04	0.60	0.91	1.55	0.00	0.1%
NC_1417	20	4428	2.39	2.38	0.16	2.41	2.02	2.10	2.41	2.34	2.03	1.51	1.62	0.96	1.42	2.41	0.00	-0.1%
NC_1418	10	4364	0.66	0.66	0.07	0.67	0.67	0.57	0.55	0.56	0.42	0.34	0.35	0.19	0.28	0.67	0.00	-0.4%
NC_1419	25	4461	3.36	3.33	0.20	3.35	2.43	2.97	3.31	3.27	3.08	2.35	2.42	1.47	2.01	3.31	-0.04	-1.3%
NC_1420	20	4429	6.78	6.79	0.36	6.83	5.25	6.07	6.83	6.69	6.11	4.65	4.77	2.90	3.97	6.83	0.00	0.0%
NC_1421	60	4558	37.54	36.90	1.40	36.94	15.28	25.48	25.88	25.90	36.19	36.94	37.27	33.00	29.11	37.27	0.33	0.9%
NC_1422	10	4364	1.36	1.36	0.11	1.37	1.37	1.11	1.13	1.13	0.84	0.65	0.70	0.39	0.57	1.37	0.00	-0.1%
NC_1423	20	4429	4.11	3.96	0.48	4.02	4.03	3.52	4.02	3.86	3.18	2.39	2.58	1.47	2.19	4.03	0.01	0.3%
NC_1424	20	4433	0.43	0.41	0.07	0.41	0.36	0.41	0.41	0.41	0.34	0.27	0.28	0.16	0.23	0.41	0.00	0.7%
NC_1425	60	4558	27.30	27.01	1.41	27.04	10.73	18.05	18.44	18.44	26.37	27.04	27.46	23.27	21.04	27.46	0.42	1.6%
NC_1426	20	4433	1.62	1.54	0.20	1.54	1.50	1.45	1.58	1.54	1.28	0.97	1.03	0.59	0.87	1.58	0.04	2.8%
NC_1427	10	4364	3.20	3.21	0.13	3.22	3.22	2.60	2.99	2.88	2.27	1.69	1.84	1.05	1.55	3.22	0.00	-0.1%
NC_1428	10	4364	1.65	1.66	0.13	1.67	1.67	1.33	1.39	1.37	1.04	0.80	0.85	0.48	0.70	1.67	0.00	-0.2%
NC_1429	10	4364	1.25	1.25	0.12	1.26	1.26	1.05	1.05	1.05	0.79	0.63	0.66	0.36	0.53	1.26	0.00	0.2%
NC_1430	10	4364	1.30	1.31	0.13	1.32	1.32	1.14	1.14	1.15	0.88	0.70	0.73	0.40	0.59	1.32	0.00	0.3%
NC_1431	10	4364	1.51	1.52	0.12	1.53	1.53	1.23	1.28	1.26	0.96	0.74	0.79	0.44	0.65	1.53	-0.01	-0.3%
NC_1432	10	4364	2.17	2.18	0.12	2.19	2.19	1.87	2.06	2.00	1.58	1.20	1.28	0.73	1.08	2.19	0.00	-0.2%
NC_1433	15	4401	7.85	7.74	0.56	7.82	7.41	6.31	7.68	7.28	5.97	4.37	4.82	2.72	4.03	7.68	-0.14	-1.7%
NC_1434	20	4429	12.85	12.86	1.07	12.87	11.44	10.66	12.87	12.35	10.51	7.72	8.50	4.82	7.12	12.87	0.00	0.0%
NC_1435	20	4428	2.70	2.69	0.19	2.72	2.24	2.34	2.72	2.64	2.26	1.66	1.79	1.03	1.52	2.72	0.00	0.1%
NC_1436	20	4371	0.71	0.67	0.11	0.67	0.64	0.67	0.67	0.67	0.55	0.44	0.45	0.26	0.38	0.67	0.00	0.6%
NC_1437	10	4364	0.61	0.61	0.07	0.62	0.62	0.55	0.54	0.55	0.42	0.34	0.35	0.19	0.28	0.62	0.00	-0.6%
NC_1438	10	4364	1.34	1.35	0.13	1.36	1.36	1.18	1.19	1.19	0.91	0.73	0.76	0.42	0.61	1.36	0.00	-0.1%
NC_1439	20	4433	0.39	0.38	0.06	0.38	0.28	0.38	0.38	0.38	0.34	0.26	0.27	0.16	0.23	0.38	0.00	0.5%
NC_1440	20	4429	1.86	1.76	0.24	1.79	1.88	1.63	1.79	1.74	1.39	1.05	1.12	0.64	0.94	1.88	0.09	4.9%
NC_1441	10	4357	0.58	0.59	0.06	0.59	0.59	0.52	0.50	0.51	0.38	0.31	0.33	0.18	0.26	0.59	0.00	0.3%
NC_1442	10	4357	1.04	1.05	0.09	1.06	1.06	0.94	0.97	0.96	0.75	0.59	0.62	0.35	0.51	1.06	0.00	-0.1%
NC_1443	20	4429	11.42	11.39	0.91	11.48	9.52	9.54	11.48	10.99	9.73	7.23	7.91	4.51	6.55	11.48	0.00	0.0%
NC_1444	10	4364	0.57	0.57	0.06	0.57	0.57	0.51	0.49	0.50	0.38	0.31	0.32	0.17	0.25	0.57	0.00	0.5%
NC_1445	10	4364	0.61	0.61	0.07	0.62	0.62	0.55	0.54	0.54	0.41	0.34	0.35	0.19	0.28	0.62	0.00	-0.6%
NC_1446	20	4429	5.31	5.30	0.40	5.34	4.42	4.50	5.34	5.13	4.70	3.59	3.93	2.33	3.23	5.34	0.00	0.0%
NC_1447	10	4357	0.55	0.56	0.06	0.56	0.56	0.50	0.49	0.49	0.38	0.31	0.32	0.17	0.25	0.56	0.00	0.0%
NC_1448	60	4558	31.12	30.67	1.69	30.79	10.89	17.86	18.32	18.29	30.08	30.79	32.48	24.51	25.63	32.48	1.69	5.5%
NC_1449	10	4364	1.67	1.68	0.13	1.69	1.69	1.47	1.55	1.53	1.20	0.92	0.97	0.55	0.81	1.69	0.00	-0.2%
NC_1450	10	4364	0.71	0.71	0.07	0.72	0.72	0.63	0.62	0.62	0.47	0.38	0.40	0.22	0.32	0.72	0.00	-0.1%
NC_1451	20	4371	0.70	0.65	0.12	0.65	0.70	0.65	0.64	0.64	0.50	0.40	0.42	0.23	0.34	0.70	0.05	8.0%
NC_1452	20	4371	0.64	0.59	0.11	0.59	0.64	0.59	0.58	0.59	0.45	0.37	0.38	0.21	0.30	0.64	0.05	8.5%
NC_1453	10	4364	0.59	0.59	0.06	0.60	0.60	0.54	0.52	0.53	0.40	0.33	0.34	0.19	0.27	0.60	0.00	-0.7%
NC_1454	10	4364	1.68	1.69	0.12	1.70	1.70	1.50	1.59	1.57	1.24	0.95	1.00	0.57	0.84	1.70	0.00	0.2%
NC_1455	45	4528	1.69	1.68	0.19	1.70	0.94	1.49	1.53	1.53	1.70	1.49	1.50	0.99	1.23	1.70	0.00	-0.1%
NC_1456	20	4371	0.50	0.47	0.08	0.47	0.46	0.47	0.46	0.47	0.38	0.30	0.31	0.17	0.25	0.47	0.00	0.4%
NC_1457	20	4433	0.56	0.54	0.06	0.55	0.34	0.54	0.55	0.55	0.52	0.41	0.44	0.27	0.37	0.55	0.00	0.7%
NC_1458	20	4433	1.15	1.07	0.19	1.07	1.15	1.06	1.07	1.07	0.84	0.67	0.69	0.39	0.57	1.15	0.08	7.7%

ARR2019 Results for 2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)									Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	45 min	60 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4528	4558	4499	4653	4722		m^3/s	%
NC_1459	20	4433	0.42	0.41	0.07	0.41	0.32	0.41	0.41	0.41	0.36	0.28	0.29	0.17	0.25	0.41	0.00	0.7%
NC_1460	30	4500	1.36	1.36	0.11	1.36	0.87	1.23	1.30	1.29	1.36	1.14	1.16	0.74	0.96	1.36	0.00	-0.1%
NC_1461	25	4464	1.75	1.75	0.13	1.75	1.35	1.65	1.74	1.72	1.70	1.41	1.46	0.93	1.22	1.74	-0.01	-0.9%
NC_1462	25	4460	1.98	2.00	0.16	2.02	1.59	1.85	1.98	1.95	1.92	1.57	1.64	1.04	1.40	1.98	-0.04	-1.9%
NC_1463	20	4399	5.85	5.72	0.50	5.74	4.97	5.39	5.81	5.67	5.18	4.06	4.26	2.67	3.63	5.81	0.07	1.3%
NC_1464	20	4371	0.56	0.52	0.10	0.52	0.56	0.52	0.51	0.52	0.40	0.32	0.33	0.18	0.27	0.56	0.04	7.3%
NC_1465	20	4429	9.27	9.29	0.65	9.36	7.25	7.95	9.36	9.02	8.41	6.49	7.02	4.21	5.99	9.36	0.00	0.0%
NC_1466	10	4357	0.58	0.59	0.06	0.59	0.59	0.54	0.53	0.53	0.41	0.33	0.34	0.19	0.27	0.59	0.00	0.0%
NC_1467	20	4371	0.53	0.49	0.10	0.49	0.53	0.49	0.48	0.49	0.37	0.30	0.31	0.17	0.25	0.53	0.04	8.4%
NC_1468	20	4371	0.57	0.53	0.10	0.53	0.57	0.53	0.52	0.52	0.40	0.33	0.34	0.19	0.27	0.57	0.04	6.8%
NC_1469	20	4429	1.30	1.22	0.19	1.23	1.31	1.17	1.23	1.21	0.96	0.74	0.78	0.44	0.65	1.31	0.08	6.5%
NC_1470	20	4371	0.57	0.53	0.10	0.54	0.58	0.54	0.52	0.53	0.41	0.33	0.34	0.19	0.27	0.58	0.04	7.6%
NC_1471	20	4429	1.38	1.29	0.20	1.30	1.38	1.24	1.30	1.29	1.02	0.79	0.82	0.47	0.69	1.38	0.08	6.2%
NC_1472	20	4371	0.53	0.48	0.10	0.49	0.53	0.49	0.48	0.48	0.37	0.30	0.31	0.17	0.25	0.53	0.04	8.8%
NC_1473	10	4364	0.55	0.55	0.06	0.56	0.56	0.50	0.49	0.49	0.38	0.31	0.32	0.17	0.25	0.56	-0.01	-0.9%
NC_1474	10	4364	0.58	0.58	0.06	0.59	0.59	0.52	0.51	0.52	0.39	0.32	0.33	0.18	0.26	0.59	-0.01	-0.8%
NC_1475	20	4371	0.91	0.85	0.15	0.85	0.90	0.85	0.84	0.84	0.67	0.53	0.55	0.31	0.45	0.90	0.05	5.3%
NC_1476	10	4364	0.36	0.36	0.04	0.37	0.37	0.32	0.31	0.31	0.23	0.19	0.20	0.11	0.16	0.37	0.00	-1.1%
NC_1477	20	4429	1.03	0.97	0.16	0.98	1.00	0.93	0.98	0.96	0.77	0.60	0.63	0.35	0.52	1.00	0.02	2.1%
NC_1478	180	4653	14.04	14.29	1.09	14.68	5.63	8.40	8.42	8.42	11.14	11.95	13.66	14.68	12.96	14.68	0.00	0.0%
NC_1479	25	4464	1.18	1.16	0.10	1.18	0.63	1.11	1.14	1.13	1.16	1.03	1.07	0.72	0.90	1.16	-0.02	-1.4%
NC_1480	45	4528	3.37	3.36	0.38	3.44	1.35	2.73	2.90	2.85	3.44	2.96	3.08	2.00	2.48	3.44	0.00	0.0%
NC_1481	45	4528	4.02	4.03	0.43	4.13	1.55	3.18	3.36	3.31	4.13	3.56	3.69	2.37	2.94	4.13	0.00	-0.1%
NC_1482	45	4528	11.44	11.27	1.10	11.78	6.26	9.74	10.60	10.40	11.78	9.57	10.08	6.18	8.07	11.78	0.00	0.0%
NC_1483	25	4461	2.18	2.23	0.18	2.24	1.21	1.87	2.10	2.04	2.14	1.68	1.81	1.08	1.51	2.14	-0.10	-4.6%
NC_1484	20	4433	0.54	0.53	0.06	0.54	0.33	0.53	0.54	0.54	0.51	0.40	0.44	0.27	0.37	0.54	0.00	0.6%
NC_1485	20	4433	0.91	0.89	0.13	0.89	0.73	0.89	0.89	0.89	0.79	0.63	0.66	0.40	0.56	0.89	0.00	0.1%
NC_1486	20	4433	0.53	0.52	0.05	0.52	0.31	0.51	0.53	0.52	0.50	0.39	0.43	0.26	0.36	0.53	0.01	1.3%
NC_1487	25	4461	4.71	4.65	0.24	4.67	3.05	4.06	4.49	4.44	4.51	3.48	3.63	2.16	2.91	4.51	-0.16	-3.5%
NC_1488	25	4394	2.77	2.78	0.13	2.79	1.87	2.53	2.68	2.67	2.71	2.29	2.30	1.49	1.86	2.71	-0.08	-2.8%
NC_1489	60	4558	15.92	15.91	1.20	15.93	2.75	8.89	8.99	8.98	15.37	15.93	16.56	12.33	12.71	16.56	0.63	3.9%
NC_1490	20	4433	0.73	0.72	0.07	0.73	0.44	0.71	0.73	0.73	0.71	0.58	0.62	0.39	0.52	0.73	0.00	0.4%
NC_1491	20	4399	4.09	4.06	0.36	4.10	3.57	3.43	4.10	3.90	3.41	2.55	2.79	1.59	2.32	4.10	0.00	0.0%
NC_1492	15	4401	12.24	12.27	0.61	12.37	11.03	9.71	12.11	11.58	9.52	6.88	7.58	4.27	6.32	12.11	-0.26	-2.1%
NC_1493	25	4394	17.41	17.63	1.06	17.73	12.53	15.41	17.01	16.69	17.17	16.54	18.58	13.95	14.69	18.58	0.85	4.8%
NC_1494	20	4429	1.40	1.32	0.20	1.33	1.38	1.27	1.33	1.31	1.05	0.81	0.85	0.49	0.71	1.38	0.05	3.8%
NC_1495	10	4364	1.22	1.22	0.11	1.23	1.23	1.03	1.02	1.03	0.77	0.61	0.64	0.35	0.51	1.23	0.00	-0.2%
NC_1496	10	4364	1.53	1.54	0.11	1.55	1.55	1.37	1.45	1.43	1.13	0.87	0.91	0.52	0.76	1.55	0.00	0.2%
NC_1497	20	4429	2.38	2.28	0.28	2.32	2.36	2.06	2.32	2.25	1.81	1.35	1.45	0.83	1.23	2.36	0.04	1.7%
NC_1498	20	4367	0.40	0.38	0.07	0.38	0.36	0.38	0.37	0.38	0.30	0.24	0.25	0.14	0.21	0.38	0.00	0.3%
NC_1499	20	4371	0.51	0.47	0.09	0.48	0.50	0.48	0.46	0.47	0.36	0.30	0.31	0.17	0.25	0.50	0.02	4.2%
NC_1500	20	4399	3.84	3.75	0.38	3.76	3.32	3.34	3.85	3.68	3.21	2.43	2.65	1.52	2.22	3.85	0.09	2.4%
NC_1501	120	4499	29.03	29.21	2.84	29.73	12.22	18.05	19.15	18.99	23.32	23.30	29.73	28.49	23.87	29.73	0.00	0.0%
NC_1502	10	4357	0.46	0.46	0.05	0.46	0.46	0.41	0.40	0.40	0.30	0.25	0.26	0.14	0.20	0.46	0.00	0.7%
NC_1503	20	4367	2.28	2.18	0.27	2.18	2.13	2.03	2.23	2.17	1.79	1.35	1.45	0.83	1.22	2.23	0.05	2.3%
NC_1504	20	4371	0.41	0.38	0.07	0.39	0.39	0.39	0.38	0.38	0.30	0.24	0.25	0.14	0.20	0.39	0.00	0.5%
NC_1505	10	4357	0.24	0.24	0.03	0.24	0.24	0.22	0.21	0.21	0.16	0.13	0.14	0.07	0.11	0.24	0.00	1.7%
NC_1506	20	4429	1.78	1.69	0.24	1.71	1.73	1.60	1.71	1.68	1.37	1.05	1.11	0.64	0.93	1.73	0.02	0.9%
NC_1507	20	4429	1.86	1.78	0.24	1.80	1.79	1.68	1.80	1.77	1.44	1.11	1.16	0.67	0.98	1.80	0.00	-0.2%
NC_1508	20	4371	0.79	0.74	0.13	0.74	0.77	0.74	0.74	0.74	0.59	0.47	0.49	0.27	0.40	0.77	0.03	3.5%
NC_1509	20	4433	1.24	1.18	0.18	1.18	1.17	1.17	1.18	1.18	0.97	0.77	0.79	0.46	0.66	1.18	0.00	-0.3%
NC_1510	20	4399	3.15	3.04	0.32	3.06	2.82	2.71	3.14	3.01	2.59	1.96	2.13	1.22	1.79	3.14	0.08	2.7%
NC_1511	20	4371	0.68	0.63	0.12	0.63	0.69	0.63	0.62	0.63	0.48	0.39	0.41	0.22	0.33	0.69	0.06	10.0%
NC_1512	20	4429	1.32	1.25	0.19	1.26	1.30	1.19	1.26	1.24	0.99	0.76	0.80	0.46	0.67	1.30	0.04	3.0%
NC_1513	20	4367	1.57	1.50	0.20	1.50	1.46	1.43	1.53	1.50	1.24	0.95	1.00	0.58	0.85	1.53	0.03	1.7%
NC_1514	20	4371	0.81	0.76	0.13	0.76	0.77	0.76	0.76	0.76	0.61	0.49	0.50	0.28	0.41	0.77	0.01	1.4%
NC_1515	20	4371	0.85	0.79	0.14	0.79	0.82	0.79	0.79	0.79	0.63	0.50	0.52	0.29	0.43	0.82	0.03	4.3%
NC_1516	20	4433	1.08	1.01	0.17	1.01	1.06	1.00	1.01	1.01	0.80	0.64	0.66	0.37	0.55	1.06	0.05	4.7%
NC_1517	20	4429	1.57	1.50	0.21	1.51	1.52	1.41	1.51	1.48	1.21	0.92	0.98	0.56	0.82	1.52	0.01	0.7%
NC_1518	20	4371	0.55	0.52	0.10	0.53	0.53	0.53	0.52	0.52	0.41	0.33	0.34	0.19	0.28	0.53	0.00	-0.8%
NC_1519	20	4367	1.08	1.03	0.15	1.03	1.00	0.99	1.05	1.03	0.85	0.66	0.69	0.39	0.58	1.05	0.02	1.6%
NC_1520	45	4528	6.91	6.91	0.56	7.18	2.59	5.31	5.59	5.57	7.18	6.14	6.07	4.06	4.24	7.18	0.00	0.0%
NC_1521	20	4367	2.64	2.53	0.32	2.56	2.45	2.37	2.58	2.51	2.11	1.61	1.71	0.99	1.45	2.58	0.02	0.7%
NC_1522	20	4429	3.90	3.77	0.46	3.83	3.69	3.39	3.83	3.69	3.07	2.33	2.50	1.43	2.10	3.83	0.00	-0.1%
NC_1523	20	4399	3.29	3.20	0.32	3.21	2.94	2.83	3.28	3.11	2.71	2.05	2.24	1.28	1.89	3.28	0.07	2.2%
NC_1524	20	4429	1.40	1.31	0.21	1.31	1.37	1.30	1.31	1.31	1.05	0.83	0.86	0.49	0.71	1.37	0.06	4.9%
NC_1525	45	4528	7.01	6.96	0.68	7.21	2.66	5.71	6.06	6.02	7.21	5.99	6.02	3.97	4.28	7.21	0.00	0.0%
NC_1526	25	4466	3.93	3.96	0.20	3.98	3.03	3.54	3.88	3.84	3.76	2.99	3.05	1.91	2.50	3.88	-0.10	-2.4%
NC_1527	10	4357	0.89	0.90	0.08	0.91	0.91	0.77	0.80	0.79	0.61	0.47	0.50	0.28	0.41	0.91	0.00	-0.4%
NC_1528	10	4364	0.61	0.62	0.06	0.62	0.62	0.54	0.54	0.54	0.41	0.33	0.34	0.19	0.27	0.62	0.00	0.0%
NC_1529	20	4371	0.43	0.40	0.08	0.40	0.42	0.40	0.39	0.39	0.30	0.25	0.26	0.14	0.20	0.42	0.02	6.0%
NC_1530	45	4528	23.96	24.16	1.79	24.88	4.96	14.94	15.45	15.40	24.88	22.28	23.40	14.49	18.44	24.88	0.00	0.0%
NC_1531	20	4371	0.38	0.36	0.07	0.36	0.38	0.36	0.35	0.35	0.27	0.22	0.23	0.13	0.18	0.38	0.02	5.0%
NC_1532	90	4588	14.14	14.28	0.47	14.29	6.54	9.36	9.43	9.43	12.26	13.40	13.54	13.34	11.39	13.54	-0.75	-5.3%
NC_1533	120	4611	14.11	14.19	0.52	14.20	5.69	8.57	8.61	8.60	11.54	12.38	13.73	14.15	12.14	14.15	-0.05	-0.4%
NC_1534	25	4466	3.93	3.97	0.21	4.00	2.47	3.45	3.77	3.72	3.85	3.08	3.18	1.97	2.55	3.85	-0.15	-3.7%
NC_1535	20	4429	5.48	5.47	0.40	5.51	4.45	4.74	5.51	5.32	4.81	3.63	3.92	2.29	3.25	5.51	0.00	-0.1%
NC_1536	20	4371	0.56	0.52	0.10	0.53	0.57	0.53	0.51	0.52	0.40	0.32	0.33	0.18	0.27	0.57	0.04	8.1%
NC_1537	25	4466	2.58	2.62	0.17	2.63	1.72	2.24	2.52	2.47	2.44	1.89	1.99	1.20	1.61	2.52	-0.11	-4.3%
NC_1538	10	4364	1.29	1.29	0.12	1.30	1.30	1.09	1.09	1.09	0.82	0.66	0.69	0.38	0.55	1.30	0.00	-0.1%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_1	180	4662	141.82	141.70	4.34	143.77	51.64	64.41	64.19	63.84	100.84	123.55	144.03	138.75	144.03	0.26	0.2%
NC_2	60	4565	0.61	0.61	0.11	0.63	0.38	0.49	0.45	0.50	0.54	0.50	0.46	0.43	0.54	-0.10	-15.1%
NC_3	20	4435	0.31	0.31	0.06	0.33	0.27	0.28	0.23	0.33	0.30	0.20	0.19	0.17	0.33	0.00	-0.6%
NC_4	60	4565	0.79	0.79	0.12	0.82	0.39	0.54	0.53	0.53	0.66	0.70	0.60	0.58	0.70	-0.12	-14.8%
NC_5	20	4436	4.68	4.62	0.52	4.72	4.89	4.73	4.52	4.30	4.94	2.85	2.78	2.45	4.94	0.22	4.7%
NC_6	20	4434	1.05	1.04	0.16	1.05	1.04	0.99	1.05	1.03	1.07	0.54	0.53	0.46	1.07	0.01	1.4%
NC_7	20	4434	0.86	0.86	0.14	0.87	0.82	0.79	0.87	0.86	0.89	0.45	0.44	0.38	0.89	0.02	2.0%
NC_8	45	4536	0.42	0.40	0.06	0.41	0.32	0.38	0.32	0.41	0.41	0.32	0.30	0.28	0.41	0.00	0.5%
NC_9	20	4436	1.45	1.42	0.16	1.44	1.43	1.44	1.26	1.40	1.47	0.87	0.86	0.75	1.47	0.03	2.2%
NC_10	45	4541	4.33	4.23	0.22	4.25	2.83	3.42	3.36	3.23	4.20	3.95	3.28	2.99	4.20	-0.05	-1.2%
NC_11	20	4436	2.75	2.66	0.35	2.69	2.81	2.69	2.62	2.58	2.83	1.67	1.62	1.43	2.83	0.14	5.4%
NC_12	20	4435	0.56	0.55	0.10	0.59	0.52	0.50	0.51	0.59	0.57	0.32	0.32	0.28	0.59	-0.01	-0.8%
NC_13	45	4536	0.34	0.32	0.06	0.34	0.29	0.32	0.26	0.36	0.34	0.24	0.23	0.20	0.36	0.02	4.7%
NC_14	20	4434	1.16	1.14	0.18	1.14	1.15	1.09	1.14	1.14	1.17	0.62	0.61	0.53	1.17	0.03	3.0%
NC_15	60	4565	1.11	1.12	0.17	1.16	0.60	0.80	0.78	0.78	0.97	0.95	0.84	0.79	0.97	-0.19	-16.6%
NC_16	20	4435	0.48	0.49	0.09	0.50	0.45	0.44	0.47	0.50	0.50	0.26	0.25	0.22	0.50	0.00	0.6%
NC_17	45	4536	0.33	0.32	0.05	0.33	0.27	0.31	0.25	0.34	0.33	0.24	0.23	0.20	0.34	0.01	3.3%
NC_18	20	4435	1.20	1.16	0.16	1.19	1.17	1.14	1.10	1.19	1.19	0.78	0.75	0.67	1.19	0.00	0.0%
NC_19	60	4565	0.57	0.57	0.10	0.59	0.37	0.46	0.42	0.48	0.51	0.46	0.43	0.40	0.51	-0.08	-13.9%
NC_20	45	4536	0.33	0.31	0.05	0.32	0.26	0.30	0.25	0.32	0.32	0.24	0.23	0.21	0.32	0.00	0.9%
NC_21	45	4541	5.30	5.22	0.26	5.25	3.49	4.21	4.15	4.00	5.11	4.85	4.00	3.69	5.11	-0.14	-2.7%
NC_22	20	4435	0.42	0.41	0.08	0.45	0.38	0.38	0.33	0.45	0.41	0.27	0.26	0.23	0.45	0.00	-0.9%
NC_23	60	4565	1.91	1.93	0.28	1.99	0.99	1.33	1.29	1.31	1.65	1.69	1.46	1.37	1.69	-0.30	-15.1%
NC_24	45	4478	0.93	0.90	0.13	0.91	0.74	0.86	0.75	0.85	0.92	0.71	0.68	0.61	0.92	0.01	1.0%
NC_25	20	4435	0.68	0.68	0.12	0.69	0.64	0.62	0.68	0.69	0.70	0.35	0.35	0.30	0.70	0.01	1.9%
NC_26	20	4435	0.36	0.36	0.06	0.39	0.32	0.34	0.27	0.39	0.36	0.25	0.24	0.21	0.39	0.00	-0.8%
NC_27	15	4410	0.64	0.64	0.07	0.64	0.64	0.58	0.66	0.61	0.65	0.29	0.28	0.25	0.66	0.02	3.0%
NC_28	20	4435	0.73	0.72	0.10	0.75	0.68	0.69	0.63	0.75	0.72	0.51	0.49	0.43	0.75	0.00	-0.3%
NC_29	20	4435	0.80	0.80	0.13	0.80	0.76	0.73	0.80	0.80	0.82	0.41	0.41	0.35	0.82	0.02	2.5%
NC_30	60	4568	6.92	7.12	0.72	7.23	3.37	4.36	4.30	4.23	6.37	7.11	5.53	5.65	7.11	-0.12	-1.7%
NC_31	45	4536	0.33	0.32	0.05	0.33	0.27	0.31	0.25	0.34	0.33	0.24	0.23	0.20	0.34	0.01	3.9%
NC_32	45	4478	1.21	1.15	0.18	1.16	0.86	1.05	0.92	1.06	1.15	0.95	0.89	0.81	1.15	-0.01	-1.3%
NC_33	45	4536	0.35	0.33	0.05	0.34	0.29	0.32	0.26	0.36	0.34	0.25	0.24	0.21	0.36	0.02	5.0%
NC_34	60	4568	9.70	9.89	1.11	10.00	4.85	6.34	6.24	6.19	8.76	9.71	7.60	7.75	9.71	-0.29	-2.9%
NC_35	20	4435	0.54	0.54	0.09	0.57	0.47	0.50	0.40	0.57	0.53	0.38	0.37	0.33	0.57	0.00	0.0%
NC_36	45	4536	2.21	2.15	0.31	2.19	1.69	1.99	1.79	1.90	2.19	1.71	1.60	1.45	2.19	0.00	-0.2%
NC_37	20	4435	0.49	0.49	0.09	0.51	0.46	0.44	0.47	0.51	0.51	0.26	0.26	0.23	0.51	0.00	-0.4%
NC_38	15	4410	0.64	0.64	0.07	0.64	0.64	0.59	0.66	0.62	0.66	0.30	0.29	0.25	0.66	0.02	3.1%
NC_39	20	4435	0.42	0.42	0.07	0.45	0.37	0.39	0.31	0.45	0.41	0.29	0.28	0.25	0.45	0.00	-0.7%
NC_40	60	4568	9.68	9.95	1.07	10.05	4.73	6.21	6.11	6.07	8.79	9.74	7.69	7.70	9.74	-0.31	-3.1%
NC_41	20	4435	0.88	0.86	0.12	0.88	0.85	0.84	0.79	0.88	0.86	0.52	0.51	0.45	0.88	0.00	-0.3%
NC_42	45	4542	0.66	0.63	0.10	0.67	0.61	0.66	0.55	0.65	0.69	0.48	0.46	0.41	0.69	0.02	3.6%
NC_43	20	4435	0.96	0.93	0.15	0.97	0.94	0.90	0.89	0.97	0.96	0.56	0.55	0.48	0.97	0.00	-0.4%
NC_44	20	4435	0.50	0.50	0.09	0.51	0.47	0.45	0.49	0.51	0.52	0.26	0.25	0.22	0.52	0.01	1.6%
NC_45	20	4435	0.66	0.66	0.11	0.67	0.63	0.60	0.66	0.67	0.68	0.34	0.33	0.29	0.68	0.01	2.1%
NC_46	45	4536	0.37	0.36	0.06	0.37	0.31	0.35	0.28	0.39	0.37	0.27	0.26	0.23	0.39	0.02	4.3%
NC_47	20	4434	1.34	1.31	0.19	1.34	1.33	1.27	1.34	1.28	1.35	0.68	0.67	0.58	1.35	0.01	0.5%
NC_48	20	4435	1.35	1.31	0.18	1.32	1.34	1.29	1.24	1.32	1.34	0.79	0.77	0.68	1.34	0.02	1.6%
NC_49	60	4475	9.59	9.58	0.33	9.61	6.56	7.68	7.63	7.53	9.32	9.73	9.25	8.66	9.73	0.12	1.2%
NC_50	45	4536	0.39	0.37	0.06	0.38	0.30	0.35	0.29	0.38	0.38	0.29	0.27	0.25	0.38	0.00	1.1%
NC_51	20	4435	1.47	1.42	0.20	1.42	1.48	1.42	1.35	1.42	1.49	0.86	0.85	0.74	1.49	0.07	5.1%
NC_52	45	4536	1.19	1.15	0.16	1.19	1.06	1.13	0.95	1.17	1.19	0.90	0.85	0.77	1.19	0.00	0.0%
NC_53	45	4536	1.89	1.84	0.27	1.89	1.52	1.74	1.51	1.71	1.89	1.44	1.36	1.23	1.89	0.00	-0.3%
NC_54	20	4435	0.93	0.91	0.15	0.93	0.90	0.85	0.89	0.93	0.94	0.51	0.50	0.44	0.94	0.01	0.6%
NC_55	20	4435	0.45	0.44	0.09	0.47	0.41	0.40	0.41	0.47	0.46	0.25	0.25	0.22	0.47	0.00	-0.2%
NC_56	20	4434	0.53	0.54	0.09	0.54	0.51	0.49	0.54	0.53	0.55	0.26	0.26	0.22	0.55	0.01	2.2%
NC_57	20	4435	0.68	0.67	0.12	0.71	0.64	0.61	0.64	0.71	0.69	0.40	0.39	0.34	0.71	0.00	0.1%
NC_58	60	4475	9.58	9.56	0.33	9.60	6.52	7.64	7.59	7.49	9.30	9.71	9.32	8.65	9.71	0.11	1.1%
NC_59	20	4435	0.74	0.74	0.13	0.74	0.69	0.67	0.73	0.74	0.76	0.38	0.38	0.33	0.76	0.02	2.4%
NC_60	20	4435	0.52	0.52	0.09	0.52	0.49	0.47	0.52	0.52	0.54	0.26	0.26	0.22	0.54	0.02	3.3%
NC_61	20	4435	0.52	0.51	0.09	0.55	0.48	0.48	0.44	0.55	0.52	0.33	0.32	0.28	0.55	0.00	0.4%
NC_62	20	4436	6.01	6.03	0.39	6.16	5.90	6.16	5.55	5.66	6.23	3.95	3.87	3.45	6.23	0.07	1.2%
NC_63	20	4434	0.56	0.56	0.09	0.56	0.54	0.51	0.56	0.56	0.58	0.27	0.27	0.23	0.58	0.02	3.2%
NC_64	45	4542	1.44	1.38	0.20	1.44	1.34	1.46	1.28	1.35	1.53	1.04	1.00	0.89	1.53	0.09	5.9%
NC_65	15	4410	0.82	0.82	0.09	0.82	0.82	0.75	0.84	0.77	0.83	0.37	0.36	0.32	0.84	0.02	2.8%
NC_66	15	4412	0.59	0.58	0.07	0.58	0.58	0.54	0.60	0.58	0.61	0.28	0.28	0.24	0.61	0.03	5.3%
NC_67	45	4542	1.75	1.71	0.23	1.76	1.65	1.76	1.53	1.63	1.82	1.33	1.25	1.14	1.82	0.06	3.6%
NC_68	15	4410	0.61	0.61	0.07	0.61	0.61	0.55	0.63	0.58	0.62	0.27	0.27	0.23	0.63	0.02	2.5%
NC_69	30	4513	1.90	1.88	0.14	1.90	1.60	1.83	1.72	1.68	1.89	1.51	1.37	1.27	1.89	-0.01	-0.8%
NC_70	20	4435	0.51	0.51	0.09	0.52	0.48	0.46	0.50	0.52	0.53	0.26	0.26	0.22	0.53	0.01	1.3%
NC_71	20	4435	0.49	0.49	0.09	0.50	0.45	0.44	0.47	0.50	0.50	0.26	0.25	0.22	0.50	0.00	0.8%
NC_72	20	4435	0.52	0.52	0.09	0.53	0.49	0.47	0.51	0.53	0.54	0.27	0.26	0.23	0.54	0.01	1.7%
NC_73	20	4435	1.08	1.06	0.13	1.07	1.04	1.04	0.94	1.07	1.08	0.69	0.67	0.59	1.08	0.00	0.5%
NC_74	20	4435	0.36	0.36	0.07	0.39	0.32	0.34	0.27	0.39	0.36	0.24	0.24	0.21	0.39	0.00	-0.5%
NC_75	20	4440	6.99	7.02	0.44	7.16	6.87	7.19	6.54	6.52	7.33	4.64	4.51	4.02	7.33	0.17	2.4%
NC_76	20	4436	1.54	1.48	0.20	1.51	1.56	1.51	1.44	1.46	1.58	0.91	0.89	0.78	1.58	0.07	4.9%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_77	45	4542	1.84	1.79	0.24	1.84	1.78	1.83	1.62	1.71	1.92	1.41	1.31	1.24	1.92	0.08	4.2%
NC_78	20	4435	0.53	0.52	0.10	0.54	0.51	0.49	0.49	0.54	0.55	0.29	0.28	0.25	0.55	0.01	2.0%
NC_79	20	4435	0.67	0.67	0.11	0.67	0.63	0.61	0.66	0.67	0.69	0.34	0.34	0.29	0.69	0.02	2.5%
NC_80	45	4536	1.22	1.19	0.17	1.23	1.06	1.16	0.98	1.16	1.23	0.93	0.88	0.79	1.23	0.00	0.2%
NC_81	20	4436	0.91	0.90	0.11	0.90	0.88	0.90	0.77	0.89	0.93	0.56	0.55	0.48	0.93	0.03	3.0%
NC_82	30	4513	2.51	2.49	0.28	2.50	2.25	2.51	2.27	2.28	2.62	1.81	1.73	1.55	2.62	0.12	4.7%
NC_83	15	4410	0.73	0.73	0.07	0.73	0.73	0.66	0.75	0.67	0.73	0.32	0.31	0.27	0.75	0.02	2.5%
NC_84	20	4435	0.63	0.63	0.11	0.65	0.59	0.57	0.61	0.65	0.65	0.34	0.34	0.30	0.65	0.00	0.2%
NC_85	20	4435	0.42	0.41	0.08	0.44	0.38	0.38	0.35	0.44	0.41	0.26	0.25	0.22	0.44	0.00	0.5%
NC_86	20	4436	2.76	2.73	0.33	2.74	2.91	2.74	2.71	2.51	2.84	1.48	1.47	1.29	2.91	0.17	6.0%
NC_87	15	4410	0.90	0.90	0.10	0.90	0.90	0.82	0.93	0.85	0.91	0.41	0.40	0.35	0.93	0.03	2.8%
NC_88	20	4435	2.02	1.99	0.28	2.00	1.93	1.97	1.73	2.00	2.11	1.31	1.28	1.13	2.11	0.11	5.6%
NC_89	45	4536	0.32	0.30	0.05	0.32	0.25	0.29	0.24	0.32	0.32	0.23	0.22	0.20	0.32	0.00	-0.9%
NC_90	20	4436	3.59	3.57	0.35	3.66	3.62	3.66	3.33	3.33	3.83	2.50	2.38	2.19	3.83	0.17	4.8%
NC_91	20	4435	0.49	0.49	0.09	0.51	0.46	0.44	0.48	0.51	0.51	0.26	0.25	0.22	0.51	0.00	-0.2%
NC_92	20	4435	0.44	0.43	0.08	0.47	0.41	0.40	0.39	0.47	0.45	0.26	0.25	0.22	0.47	0.00	-0.9%
NC_93	45	4536	0.75	0.72	0.11	0.75	0.66	0.71	0.59	0.76	0.75	0.56	0.53	0.48	0.76	0.01	1.7%
NC_94	20	4435	1.12	1.10	0.18	1.11	1.11	1.05	1.09	1.11	1.13	0.61	0.60	0.52	1.13	0.02	1.6%
NC_95	20	4435	0.97	0.95	0.16	0.96	0.95	0.90	0.94	0.96	0.98	0.53	0.52	0.45	0.98	0.02	2.1%
NC_96	20	4436	1.42	1.40	0.16	1.41	1.38	1.41	1.21	1.39	1.45	0.88	0.87	0.76	1.45	0.04	3.1%
NC_97	20	4435	0.49	0.49	0.09	0.51	0.46	0.44	0.48	0.51	0.51	0.27	0.26	0.23	0.51	0.00	0.4%
NC_98	20	4436	1.51	1.47	0.18	1.47	1.49	1.47	1.36	1.47	1.52	0.94	0.92	0.81	1.52	0.05	3.5%
NC_99	20	4436	3.34	3.29	0.38	3.32	3.50	3.32	3.25	3.07	3.45	1.87	1.85	1.61	3.50	0.18	5.5%
NC_100	20	4435	0.55	0.55	0.10	0.58	0.52	0.49	0.52	0.58	0.57	0.31	0.31	0.27	0.58	0.00	-0.3%
NC_101	20	4435	1.37	1.32	0.22	1.36	1.35	1.27	1.28	1.36	1.39	0.77	0.76	0.66	1.39	0.03	2.5%
NC_102	180	4658	9.66	9.64	0.63	9.69	6.49	7.62	7.57	7.47	9.33	9.75	9.82	8.92	9.82	0.13	1.3%
NC_103	20	4435	0.54	0.54	0.09	0.55	0.52	0.49	0.54	0.55	0.56	0.27	0.27	0.23	0.56	0.01	2.0%
NC_104	20	4435	0.35	0.35	0.06	0.37	0.30	0.33	0.26	0.37	0.35	0.24	0.23	0.21	0.37	0.00	-0.3%
NC_105	20	4436	4.14	4.03	0.53	4.08	4.09	4.08	3.70	3.99	4.35	2.60	2.54	2.24	4.35	0.27	6.5%
NC_106	20	4435	0.52	0.53	0.09	0.53	0.50	0.48	0.53	0.53	0.54	0.26	0.26	0.22	0.54	0.01	2.6%
NC_107	20	4435	0.69	0.69	0.09	0.70	0.64	0.67	0.55	0.70	0.70	0.48	0.46	0.41	0.70	0.00	0.4%
NC_108	20	4435	0.60	0.59	0.11	0.62	0.56	0.53	0.57	0.62	0.61	0.33	0.33	0.29	0.62	0.00	-0.2%
NC_109	20	4440	6.36	6.38	0.59	6.53	6.63	6.63	6.22	5.61	6.78	3.64	3.61	3.16	6.78	0.25	3.8%
NC_110	20	4434	0.56	0.57	0.10	0.57	0.55	0.52	0.57	0.57	0.59	0.28	0.27	0.24	0.59	0.02	3.0%
NC_111	15	4410	0.59	0.59	0.07	0.59	0.59	0.53	0.61	0.56	0.60	0.26	0.26	0.23	0.61	0.02	2.7%
NC_112	60	4565	0.60	0.60	0.11	0.62	0.38	0.49	0.45	0.50	0.53	0.50	0.46	0.42	0.53	-0.09	-14.0%
NC_113	15	4412	0.74	0.73	0.09	0.73	0.72	0.68	0.75	0.73	0.76	0.36	0.36	0.31	0.76	0.03	4.7%
NC_114	20	4435	0.57	0.57	0.10	0.59	0.54	0.52	0.56	0.59	0.59	0.30	0.30	0.26	0.59	0.00	0.5%
NC_115	45	4536	0.33	0.32	0.05	0.33	0.28	0.31	0.25	0.35	0.33	0.24	0.23	0.20	0.35	0.02	5.8%
NC_116	20	4436	1.85	1.78	0.24	1.80	1.89	1.80	1.74	1.75	1.91	1.07	1.05	0.92	1.91	0.11	6.2%
NC_117	20	4435	1.03	1.01	0.16	1.01	1.02	0.97	1.01	1.02	1.04	0.55	0.54	0.47	1.04	0.03	3.1%
NC_118	45	4536	0.37	0.36	0.06	0.37	0.32	0.35	0.28	0.40	0.37	0.27	0.26	0.23	0.40	0.03	7.0%
NC_119	20	4436	4.49	4.44	0.49	4.56	4.48	4.56	4.12	4.18	4.86	2.88	2.82	2.49	4.86	0.30	6.5%
NC_120	20	4435	0.90	0.88	0.15	0.93	0.84	0.82	0.81	0.93	0.89	0.57	0.55	0.49	0.93	0.00	0.4%
NC_121	60	4565	0.78	0.78	0.12	0.81	0.39	0.53	0.52	0.52	0.65	0.69	0.60	0.57	0.69	-0.12	-15.3%
NC_122	20	4435	0.51	0.51	0.09	0.52	0.48	0.46	0.51	0.52	0.53	0.26	0.26	0.22	0.53	0.01	1.9%
NC_123	45	4478	1.03	1.00	0.14	1.03	0.83	0.97	0.86	0.91	1.03	0.76	0.73	0.65	1.03	0.00	0.3%
NC_124	20	4440	16.12	16.18	0.99	16.41	15.80	16.77	15.60	14.57	17.25	10.47	10.13	8.89	17.25	0.84	5.1%
NC_125	15	4410	0.64	0.64	0.07	0.64	0.64	0.57	0.66	0.59	0.64	0.28	0.27	0.23	0.66	0.02	2.3%
NC_126	20	4435	0.93	0.90	0.13	0.91	0.92	0.88	0.87	0.91	0.91	0.52	0.51	0.44	0.92	0.01	1.0%
NC_127	20	4435	0.57	0.57	0.11	0.59	0.54	0.52	0.56	0.59	0.59	0.31	0.30	0.27	0.59	0.00	0.5%
NC_128	20	4434	1.05	1.03	0.16	1.03	1.03	0.98	1.03	1.02	1.06	0.54	0.54	0.47	1.06	0.03	2.6%
NC_129	60	4565	2.38	2.41	0.40	2.47	1.63	1.98	1.82	1.96	2.20	1.95	1.79	1.66	2.20	-0.27	-11.0%
NC_130	20	4435	0.55	0.55	0.10	0.56	0.52	0.50	0.54	0.56	0.57	0.28	0.28	0.24	0.57	0.01	1.8%
NC_131	60	4565	1.06	1.06	0.16	1.10	0.55	0.75	0.73	0.74	0.90	0.92	0.81	0.77	0.92	-0.18	-16.6%
NC_132	20	4435	0.47	0.47	0.09	0.49	0.44	0.42	0.45	0.49	0.49	0.25	0.25	0.22	0.49	0.00	-0.4%
NC_133	20	4436	1.51	1.46	0.20	1.46	1.54	1.46	1.43	1.45	1.55	0.87	0.85	0.74	1.55	0.09	5.8%
NC_134	20	4434	0.57	0.58	0.10	0.58	0.55	0.52	0.58	0.58	0.60	0.29	0.28	0.25	0.60	0.02	2.8%
NC_135	60	4565	0.78	0.78	0.12	0.81	0.40	0.54	0.53	0.53	0.66	0.68	0.59	0.57	0.68	-0.13	-15.9%
NC_136	15	4412	0.55	0.55	0.07	0.55	0.55	0.51	0.57	0.55	0.57	0.26	0.26	0.22	0.57	0.02	4.2%
NC_137	45	4536	0.33	0.32	0.05	0.33	0.28	0.31	0.25	0.35	0.33	0.23	0.23	0.20	0.35	0.02	4.5%
NC_138	20	4440	6.23	6.26	0.50	6.39	6.20	6.51	5.90	5.61	6.75	4.31	4.10	3.77	6.75	0.36	5.7%
NC_139	45	4541	0.60	0.57	0.09	0.58	0.39	0.50	0.46	0.50	0.55	0.49	0.46	0.42	0.55	-0.03	-5.9%
NC_140	20	4435	1.06	1.04	0.17	1.05	1.04	0.99	1.04	1.05	1.07	0.56	0.55	0.48	1.07	0.02	2.0%
NC_141	15	4410	0.58	0.58	0.07	0.58	0.58	0.53	0.60	0.56	0.59	0.26	0.26	0.23	0.60	0.02	2.8%
NC_142	10	4376	1.17	1.19	0.06	1.19	1.17	1.11	1.21	1.08	1.17	0.54	0.53	0.46	1.21	0.02	1.8%
NC_143	45	4536	0.34	0.33	0.06	0.34	0.29	0.32	0.26	0.36	0.34	0.24	0.23	0.21	0.36	0.02	5.3%
NC_144	20	4435	0.50	0.50	0.09	0.51	0.47	0.45	0.49	0.51	0.52	0.26	0.26	0.22	0.52	0.01	1.6%
NC_145	20	4435	0.49	0.48	0.09	0.52	0.45	0.45	0.42	0.52	0.49	0.30	0.29	0.26	0.52	0.00	0.0%
NC_146	20	4436	4.88	4.84	0.44	4.96	4.82	4.96	4.48	4.59	5.17	3.37	3.15	2.90	5.17	0.21	4.3%
NC_147	20	4434	1.23	1.21	0.18	1.24	1.22	1.17	1.24	1.19	1.25	0.62	0.62	0.54	1.25	0.01	0.4%
NC_148	20	4440	2.56	2.59	0.19	2.64	2.57	2.67	2.40	2.32	2.73	1.55	1.54	1.35	2.73	0.09	3.3%
NC_149	15	4412	0.62	0.61	0.07	0.61	0.60	0.56	0.63	0.61	0.64	0.30	0.29	0.25	0.64	0.03	4.6%
NC_150	15	4412	0.54	0.53	0.07	0.53	0.53	0.49	0.55	0.54	0.56	0.26	0.26	0.22	0.56	0.03	5.5%
NC_151	20	4435	1.07	1.03	0.16	1.04	1.08	1.02	1.03	1.04	1.10	0.59	0.58	0.50	1.10	0.06	5.9%
NC_152	90	4594	12.63	12.90	1.92	13.66	3.02	4.88	4.83	4.83	10.36	13.66	11.60	11.03	13.66	0.00	0.0%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_153	45	4536	0.36	0.34	0.05	0.35	0.28	0.33	0.27	0.35	0.35	0.26	0.25	0.23	0.35	0.00	0.3%
NC_154	30	4513	5.81	5.83	0.39	5.85	4.62	5.39	5.19	4.98	5.86	4.24	3.93	3.45	5.86	0.01	0.1%
NC_155	20	4434	1.82	1.77	0.25	1.80	1.85	1.75	1.80	1.72	1.88	0.97	0.95	0.83	1.88	0.08	4.3%
NC_156	60	4565	3.15	3.20	0.52	3.29	2.08	2.58	2.39	2.51	2.91	2.60	2.36	2.19	2.91	-0.38	-11.6%
NC_157	20	4436	2.34	2.31	0.27	2.33	2.47	2.33	2.29	2.12	2.43	1.29	1.27	1.11	2.47	0.14	5.9%
NC_158	90	4594	12.53	12.81	1.86	13.54	2.97	4.76	4.71	4.71	10.16	13.54	11.70	10.99	13.54	0.00	0.0%
NC_159	15	4410	0.60	0.60	0.07	0.60	0.60	0.55	0.62	0.58	0.62	0.28	0.27	0.24	0.62	0.02	3.0%
NC_160	20	4434	0.67	0.67	0.11	0.67	0.64	0.61	0.67	0.67	0.69	0.34	0.33	0.29	0.69	0.02	3.4%
NC_161	15	4412	0.54	0.53	0.07	0.53	0.53	0.50	0.55	0.54	0.57	0.26	0.26	0.23	0.57	0.03	6.6%
NC_162	20	4435	0.49	0.49	0.09	0.50	0.45	0.44	0.48	0.50	0.51	0.26	0.25	0.22	0.51	0.01	1.2%
NC_163	20	4434	0.56	0.56	0.10	0.56	0.54	0.51	0.57	0.56	0.58	0.27	0.27	0.24	0.58	0.02	3.6%
NC_164	20	4435	1.23	1.20	0.19	1.20	1.21	1.15	1.20	1.20	1.23	0.66	0.65	0.56	1.23	0.03	2.6%
NC_165	15	4412	0.56	0.55	0.07	0.55	0.55	0.51	0.57	0.55	0.58	0.26	0.26	0.22	0.58	0.03	5.3%
NC_166	20	4434	0.63	0.63	0.10	0.63	0.61	0.58	0.63	0.62	0.65	0.31	0.30	0.26	0.65	0.02	2.9%
NC_167	20	4440	5.77	5.79	0.47	5.93	5.74	5.94	5.40	5.33	6.19	3.96	3.71	3.40	6.19	0.26	4.4%
NC_168	20	4440	9.28	9.33	0.66	9.50	9.11	9.69	8.78	8.37	10.01	6.28	6.01	5.47	10.01	0.51	5.3%
NC_169	15	4412	0.94	0.92	0.11	0.92	0.92	0.87	0.96	0.93	0.97	0.47	0.46	0.40	0.97	0.04	4.9%
NC_170	20	4435	0.60	0.60	0.11	0.62	0.56	0.54	0.58	0.62	0.62	0.32	0.32	0.28	0.62	-0.01	-0.8%
NC_171	60	4565	4.78	4.82	0.76	4.98	3.10	3.83	3.57	3.71	4.34	4.01	3.60	3.35	4.34	-0.64	-12.9%
NC_172	20	4440	7.14	7.17	0.62	7.35	7.19	7.44	6.79	6.39	7.80	4.67	4.56	4.02	7.80	0.45	6.1%
NC_173	20	4435	0.97	0.94	0.16	0.97	0.95	0.89	0.92	0.97	0.97	0.54	0.53	0.46	0.97	0.00	0.2%
NC_174	20	4436	1.91	1.89	0.21	1.94	1.96	1.94	1.77	1.75	2.02	1.14	1.13	0.98	2.02	0.08	4.1%
NC_175	20	4436	1.71	1.64	0.23	1.65	1.75	1.65	1.64	1.62	1.73	0.95	0.93	0.81	1.75	0.10	6.1%
NC_176	60	4568	2.63	2.67	0.16	2.70	1.38	1.74	1.72	1.71	2.42	2.77	2.45	2.56	2.77	0.07	2.5%
NC_177	15	4410	0.64	0.63	0.07	0.63	0.63	0.58	0.65	0.61	0.65	0.29	0.28	0.25	0.65	0.02	3.7%
NC_178	20	4434	1.05	1.04	0.15	1.07	1.03	1.00	1.07	1.01	1.07	0.52	0.52	0.45	1.07	0.00	-0.3%
NC_179	60	4565	1.39	1.39	0.22	1.45	0.91	1.10	1.02	1.09	1.19	1.20	1.07	1.01	1.20	-0.25	-17.5%
NC_180	20	4434	0.62	0.62	0.10	0.63	0.60	0.57	0.63	0.62	0.64	0.30	0.30	0.26	0.64	0.01	1.4%
NC_181	180	4658	2.76	2.74	0.33	2.77	1.32	1.66	1.65	1.64	2.42	2.78	2.72	2.67	2.78	0.01	0.5%
NC_182	20	4435	0.70	0.70	0.12	0.71	0.66	0.63	0.68	0.71	0.72	0.38	0.37	0.32	0.72	0.01	0.8%
NC_183	15	4412	0.56	0.55	0.07	0.55	0.55	0.51	0.57	0.55	0.58	0.26	0.26	0.23	0.58	0.03	4.9%
NC_184	20	4434	0.58	0.58	0.10	0.58	0.56	0.53	0.58	0.58	0.60	0.29	0.28	0.25	0.60	0.02	3.1%
NC_185	20	4435	1.00	0.98	0.16	0.99	0.98	0.93	0.97	0.99	1.01	0.54	0.53	0.46	1.01	0.02	1.6%
NC_186	45	4536	0.38	0.36	0.05	0.37	0.29	0.34	0.29	0.37	0.37	0.28	0.27	0.24	0.37	0.00	-0.3%
NC_187	15	4412	0.57	0.56	0.07	0.56	0.56	0.52	0.58	0.56	0.59	0.27	0.26	0.23	0.59	0.02	4.5%
NC_188	20	4434	1.29	1.27	0.18	1.31	1.27	1.23	1.31	1.23	1.30	0.64	0.63	0.55	1.31	0.00	0.3%
NC_189	20	4435	0.35	0.35	0.06	0.37	0.30	0.33	0.26	0.37	0.35	0.24	0.23	0.21	0.37	0.00	0.8%
NC_190	45	4540	5.82	5.72	0.33	5.74	4.13	4.95	4.93	4.96	5.58	4.72	4.13	3.69	5.58	-0.16	-2.9%
NC_191	15	4412	0.65	0.64	0.08	0.64	0.64	0.60	0.66	0.65	0.67	0.32	0.31	0.27	0.67	0.03	5.3%
NC_192	20	4440	10.08	10.16	0.69	10.32	9.83	10.54	9.55	9.11	10.84	6.81	6.53	5.93	10.84	0.52	5.1%
NC_193	180	4667	12.14	12.38	0.78	12.52	5.94	7.02	7.00	6.96	9.48	11.25	12.68	12.21	12.68	0.16	1.3%
NC_194	60	4565	1.04	1.04	0.16	1.08	0.59	0.76	0.73	0.75	0.88	0.90	0.79	0.76	0.90	-0.18	-16.4%
NC_195	20	4435	0.65	0.65	0.12	0.67	0.61	0.58	0.62	0.67	0.67	0.36	0.36	0.31	0.67	0.00	0.3%
NC_196	45	4478	0.64	0.62	0.09	0.62	0.47	0.58	0.52	0.56	0.62	0.49	0.47	0.42	0.62	0.00	0.2%
NC_197	20	4435	0.42	0.42	0.08	0.45	0.38	0.39	0.34	0.45	0.41	0.27	0.26	0.23	0.45	0.00	-0.2%
NC_198	15	4412	0.56	0.55	0.07	0.55	0.55	0.51	0.57	0.55	0.58	0.27	0.26	0.23	0.58	0.03	5.1%
NC_199	20	4434	1.37	1.34	0.19	1.36	1.38	1.31	1.36	1.29	1.39	0.71	0.70	0.60	1.39	0.03	2.4%
NC_200	20	4434	2.26	2.19	0.31	2.19	2.32	2.18	2.19	2.14	2.29	1.22	1.21	1.05	2.32	0.13	5.9%
NC_201	45	4536	0.50	0.48	0.07	0.48	0.37	0.44	0.38	0.47	0.48	0.39	0.36	0.33	0.48	0.00	0.0%
NC_202	20	4435	1.37	1.32	0.19	1.32	1.39	1.32	1.28	1.32	1.40	0.79	0.78	0.68	1.40	0.08	5.9%
NC_203	20	4435	0.98	0.96	0.12	0.97	0.96	0.96	0.84	0.97	0.99	0.60	0.59	0.52	0.99	0.02	2.1%
NC_204	45	4536	0.37	0.35	0.06	0.36	0.29	0.34	0.28	0.37	0.36	0.27	0.26	0.23	0.37	0.01	2.5%
NC_205	20	4440	6.01	6.02	0.46	6.15	5.95	6.23	5.70	5.49	6.49	4.17	3.90	3.57	6.49	0.34	5.4%
NC_206	45	4536	0.69	0.66	0.10	0.66	0.47	0.60	0.54	0.60	0.66	0.53	0.51	0.46	0.66	0.00	0.6%
NC_207	20	4436	2.62	2.57	0.31	2.61	2.74	2.61	2.54	2.39	2.71	1.46	1.45	1.26	2.74	0.13	5.1%
NC_208	20	4434	0.53	0.54	0.09	0.54	0.52	0.49	0.54	0.54	0.56	0.26	0.26	0.22	0.56	0.02	2.8%
NC_209	45	4536	0.32	0.30	0.05	0.32	0.25	0.29	0.24	0.32	0.32	0.23	0.22	0.20	0.32	0.00	-1.3%
NC_210	20	4440	10.70	10.78	0.68	10.93	10.35	11.20	10.23	9.64	11.51	7.30	6.98	6.31	11.51	0.58	5.3%
NC_211	20	4435	0.62	0.63	0.11	0.63	0.60	0.57	0.63	0.63	0.65	0.32	0.31	0.27	0.65	0.02	2.7%
NC_212	45	4536	0.32	0.30	0.05	0.31	0.25	0.29	0.24	0.32	0.31	0.23	0.22	0.20	0.32	0.01	1.6%
NC_213	30	4513	7.92	7.95	0.34	7.97	5.79	6.94	6.81	6.53	7.81	6.12	5.51	4.90	7.81	-0.16	-2.1%
NC_214	60	4565	0.70	0.70	0.10	0.72	0.44	0.53	0.50	0.51	0.61	0.62	0.54	0.51	0.62	-0.10	-13.6%
NC_215	60	4573	4.49	4.43	0.21	4.46	3.38	3.87	3.85	3.77	4.47	4.28	4.01	3.34	4.47	0.01	0.3%
NC_216	45	4536	0.33	0.32	0.05	0.33	0.28	0.31	0.25	0.35	0.33	0.24	0.23	0.20	0.35	0.02	6.1%
NC_217	60	4565	0.55	0.55	0.10	0.57	0.34	0.44	0.41	0.45	0.49	0.45	0.42	0.39	0.49	-0.08	-14.4%
NC_218	60	4475	5.71	5.72	0.50	5.76	3.14	3.71	3.59	3.65	5.60	5.42	4.30	4.35	5.60	-0.16	-2.7%
NC_219	45	4541	0.84	0.79	0.13	0.80	0.56	0.70	0.63	0.72	0.77	0.67	0.63	0.58	0.77	-0.03	-3.6%
NC_220	20	4436	1.96	1.90	0.23	1.95	2.02	1.95	1.82	1.83	2.03	1.15	1.13	0.99	2.03	0.08	3.8%
NC_221	20	4435	0.53	0.53	0.10	0.54	0.49	0.48	0.52	0.54	0.55	0.27	0.27	0.23	0.55	0.01	1.3%
NC_222	20	4435	0.50	0.50	0.09	0.52	0.47	0.45	0.48	0.52	0.52	0.27	0.26	0.23	0.52	0.00	-0.4%
NC_223	15	4412	0.67	0.66	0.08	0.66	0.66	0.62	0.69	0.67	0.70	0.33	0.33	0.28	0.70	0.04	5.8%
NC_224	20	4435	0.54	0.55	0.10	0.55	0.51	0.50	0.54	0.55	0.57	0.28	0.27	0.24	0.57	0.01	2.7%
NC_225	30	4509	5.67	5.72	0.27	5.76	4.28	5.07	4.94	4.69	5.82	4.35	3.95	3.32	5.82	0.06	1.0%
NC_226	20	4436	3.00	2.99	0.30	3.08	3.15	3.08	2.90	2.68	3.18	1.72	1.71	1.48	3.18	0.10	3.1%
NC_227	120	4628	2.89	2.88	0.21	2.92	1.56	1.67	1.66	1.65	2.43	2.92	2.86	2.89	2.92	0.00	0.1%
NC_228	20	4435	0.47	0.46	0.09	0.50	0.44	0.42	0.43	0.50	0.48	0.27	0.27	0.23	0.50	0.00	-0.6%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_229	180	4663	12.07	12.15	0.50	12.27	5.84	6.83	6.81	6.78	9.30	11.00	12.59	11.98	12.59	0.32	2.6%
NC_230	45	4536	0.36	0.34	0.06	0.36	0.30	0.33	0.27	0.38	0.36	0.25	0.24	0.22	0.38	0.02	4.4%
NC_231	20	4435	0.95	0.93	0.13	0.96	0.90	0.91	0.84	0.96	0.94	0.65	0.62	0.56	0.96	0.00	0.1%
NC_232	30	4509	10.93	10.95	1.29	11.06	10.45	11.36	10.51	9.78	11.72	7.50	7.14	6.41	11.72	0.66	6.0%
NC_233	45	4536	0.34	0.32	0.05	0.33	0.28	0.31	0.26	0.35	0.33	0.24	0.23	0.21	0.35	0.02	5.8%
NC_234	45	4540	8.41	8.19	0.61	8.23	6.02	7.27	7.16	6.93	8.26	6.64	5.94	5.25	8.26	0.03	0.3%
NC_235	20	4434	0.57	0.58	0.10	0.59	0.56	0.53	0.59	0.58	0.60	0.28	0.28	0.24	0.60	0.01	1.4%
NC_236	45	4478	1.08	1.03	0.16	1.04	0.66	0.87	0.82	0.87	1.00	0.86	0.80	0.73	1.00	-0.04	-3.5%
NC_237	60	4572	5.89	5.91	0.47	5.93	3.21	3.84	3.74	3.78	5.71	5.63	4.50	4.53	5.71	-0.22	-3.7%
NC_238	30	4509	27.46	27.67	1.20	27.80	20.86	24.54	24.03	22.88	28.21	21.35	19.32	16.40	28.21	0.41	1.5%
NC_239	60	4565	7.62	7.82	1.44	8.16	2.57	4.49	4.40	4.32	6.51	6.25	5.11	5.14	6.51	-1.65	-20.2%
NC_240	45	4541	8.81	8.71	0.33	8.72	5.44	6.71	6.64	6.45	8.70	7.61	6.52	5.74	8.70	-0.02	-0.2%
NC_241	20	4435	0.52	0.52	0.09	0.55	0.47	0.48	0.42	0.55	0.51	0.34	0.33	0.29	0.55	0.00	0.7%
NC_242	45	4536	0.38	0.36	0.06	0.38	0.32	0.35	0.29	0.40	0.38	0.27	0.26	0.23	0.40	0.02	4.2%
NC_243	45	4536	2.19	2.16	0.26	2.19	2.00	2.09	1.80	2.04	2.19	1.78	1.60	1.53	2.19	0.00	0.1%
NC_244	30	4509	28.01	28.24	1.38	28.41	21.82	25.47	24.84	23.47	28.53	21.20	19.23	16.47	28.53	0.12	0.4%
NC_245	60	4565	1.85	1.88	0.30	1.94	1.00	1.35	1.29	1.33	1.64	1.56	1.40	1.30	1.64	-0.30	-15.5%
NC_246	15	4410	0.61	0.61	0.07	0.61	0.61	0.56	0.63	0.60	0.63	0.28	0.28	0.24	0.63	0.02	3.3%
NC_247	20	4435	0.53	0.54	0.10	0.55	0.50	0.48	0.53	0.55	0.55	0.28	0.28	0.24	0.55	0.00	0.7%
NC_248	60	4568	0.85	0.87	0.10	0.87	0.47	0.60	0.58	0.57	0.76	0.81	0.66	0.64	0.81	-0.06	-7.0%
NC_249	45	4541	1.28	1.21	0.18	1.22	0.96	1.10	1.01	1.07	1.17	1.03	0.96	0.88	1.17	-0.05	-3.9%
NC_250	45	4536	0.32	0.30	0.05	0.32	0.25	0.29	0.24	0.32	0.32	0.23	0.22	0.20	0.32	0.00	-1.3%
NC_251	45	4536	0.32	0.30	0.05	0.31	0.25	0.29	0.24	0.31	0.31	0.23	0.22	0.20	0.31	0.00	1.3%
NC_252	60	4572	5.98	6.03	0.44	6.06	3.24	3.90	3.82	3.83	5.76	5.76	4.63	4.66	5.76	-0.30	-5.0%
NC_253	45	4540	1.49	1.47	0.17	1.47	1.18	1.30	1.20	1.29	1.36	1.28	1.13	1.08	1.36	-0.11	-7.8%
NC_254	45	4536	0.31	0.30	0.05	0.31	0.25	0.29	0.24	0.31	0.31	0.23	0.22	0.20	0.31	0.00	1.0%
NC_255	45	4539	0.55	0.53	0.08	0.53	0.39	0.48	0.42	0.51	0.52	0.44	0.41	0.38	0.52	-0.01	-1.1%
NC_256	45	4536	0.34	0.32	0.05	0.34	0.28	0.31	0.26	0.35	0.34	0.24	0.23	0.21	0.35	0.01	2.1%
NC_257	45	4536	0.66	0.63	0.10	0.65	0.48	0.59	0.52	0.59	0.65	0.50	0.48	0.43	0.65	-0.01	-0.8%
NC_258	60	4572	5.17	5.19	0.13	5.21	3.34	3.84	3.82	3.75	4.80	5.30	4.78	4.21	5.30	0.09	1.7%
NC_259	45	4536	0.38	0.36	0.06	0.38	0.32	0.35	0.29	0.40	0.38	0.27	0.26	0.23	0.40	0.02	3.9%
NC_260	60	4565	18.75	19.44	3.45	20.00	13.05	14.44	13.60	12.64	16.83	15.10	12.85	12.53	16.83	-3.17	-15.8%
NC_261	15	4410	0.60	0.60	0.07	0.60	0.60	0.54	0.62	0.57	0.61	0.26	0.26	0.23	0.62	0.02	2.7%
NC_262	20	4440	4.56	4.57	0.44	4.70	4.68	4.73	4.39	4.08	4.93	2.74	2.71	2.38	4.93	0.23	4.8%
NC_263	180	4662	141.61	141.51	4.45	143.62	51.68	64.46	64.24	63.89	100.90	123.57	143.85	138.32	143.85	0.23	0.2%
NC_264	45	4536	0.32	0.31	0.05	0.32	0.26	0.30	0.25	0.32	0.32	0.23	0.23	0.20	0.32	0.00	1.3%
NC_265	20	4434	0.79	0.79	0.13	0.80	0.76	0.73	0.80	0.79	0.82	0.40	0.39	0.34	0.82	0.01	1.9%
NC_266	20	4436	1.28	1.26	0.14	1.27	1.25	1.27	1.10	1.25	1.32	0.80	0.79	0.69	1.32	0.05	3.6%
NC_267	60	4565	0.65	0.65	0.11	0.67	0.39	0.51	0.47	0.51	0.56	0.54	0.49	0.46	0.56	-0.11	-16.6%
NC_268	180	4659	19.33	19.03	2.95	19.30	6.00	7.48	7.40	7.29	13.11	18.57	19.30	17.57	19.30	0.00	0.0%
NC_269	60	4565	0.55	0.55	0.10	0.57	0.34	0.44	0.41	0.44	0.49	0.45	0.42	0.38	0.49	-0.08	-14.2%
NC_270	45	4478	1.63	1.59	0.15	1.60	1.18	1.43	1.38	1.35	1.62	1.26	1.15	1.02	1.62	0.01	0.9%
NC_271	90	4595	5.33	5.36	0.21	5.38	3.29	3.78	3.76	3.71	4.78	5.62	5.08	4.57	5.62	0.24	4.4%
NC_272	180	4667	12.25	12.23	0.37	12.29	5.83	6.81	6.79	6.76	9.28	11.00	12.67	11.99	12.67	0.38	3.1%
NC_273	60	4565	0.63	0.63	0.11	0.65	0.36	0.48	0.45	0.48	0.54	0.53	0.48	0.45	0.54	-0.11	-16.6%
NC_274	60	4565	6.52	6.75	0.43	6.78	3.56	4.34	4.27	4.25	6.10	6.40	5.07	5.22	6.40	-0.38	-5.5%
NC_275	60	4565	18.84	19.52	3.42	20.07	13.11	14.56	13.77	12.77	16.91	15.29	12.94	12.67	16.91	-3.16	-15.7%
NC_276	20	4435	0.47	0.47	0.09	0.49	0.44	0.42	0.45	0.49	0.48	0.25	0.25	0.22	0.49	0.00	-0.6%
NC_277	45	4541	1.74	1.69	0.10	1.70	1.09	1.36	1.33	1.31	1.69	1.48	1.28	1.13	1.69	-0.01	-0.8%
NC_278	20	4435	0.47	0.46	0.09	0.49	0.43	0.42	0.43	0.49	0.48	0.27	0.26	0.23	0.49	0.00	0.4%
NC_279	60	4565	20.07	20.77	3.32	21.29	14.38	16.25	15.52	14.49	18.14	16.89	13.89	13.83	18.14	-3.16	-14.8%
NC_280	180	4662	141.61	141.51	4.46	143.61	51.70	64.49	64.27	63.92	100.93	123.60	143.84	138.35	143.84	0.23	0.2%
NC_281	20	4435	0.47	0.46	0.09	0.49	0.43	0.41	0.44	0.49	0.48	0.25	0.25	0.22	0.49	-0.01	-1.0%
NC_282	45	4536	0.37	0.35	0.05	0.36	0.28	0.33	0.28	0.36	0.36	0.28	0.26	0.24	0.36	0.00	0.3%
NC_283	20	4435	0.88	0.86	0.14	0.87	0.86	0.82	0.85	0.87	0.89	0.47	0.46	0.40	0.89	0.02	2.1%
NC_284	60	4568	1.62	1.66	0.19	1.67	0.80	1.06	1.04	1.04	1.45	1.56	1.26	1.23	1.56	-0.11	-6.3%
NC_285	45	4542	28.21	27.67	1.51	27.83	20.67	24.49	24.02	23.01	28.93	22.24	20.09	16.85	28.93	1.10	4.0%
NC_286	45	4536	0.32	0.30	0.05	0.31	0.25	0.29	0.24	0.31	0.31	0.23	0.22	0.20	0.31	0.00	1.3%
NC_287	180	4662	141.80	141.67	4.36	143.75	51.65	64.43	64.21	63.86	100.86	123.56	144.01	138.69	144.01	0.26	0.2%
NC_288	20	4435	0.80	0.80	0.13	0.80	0.75	0.73	0.79	0.80	0.82	0.42	0.41	0.36	0.82	0.02	2.5%
NC_289	20	4440	3.33	3.34	0.27	3.42	3.29	3.45	3.14	3.01	3.59	2.10	2.06	1.81	3.59	0.17	4.9%
NC_290	20	4435	0.53	0.53	0.09	0.53	0.51	0.48	0.53	0.53	0.55	0.26	0.26	0.23	0.55	0.02	4.0%
NC_291	20	4435	0.61	0.62	0.11	0.63	0.58	0.56	0.60	0.63	0.64	0.33	0.32	0.28	0.64	0.01	0.8%
NC_292	60	4565	0.74	0.74	0.13	0.76	0.49	0.61	0.54	0.64	0.66	0.62	0.57	0.53	0.66	-0.10	-13.3%
NC_293	45	4536	10.33	10.23	0.36	10.25	6.18	7.67	7.58	7.44	10.25	9.14	7.88	6.79	10.25	0.00	0.0%
NC_294	60	4569	3.30	3.41	0.37	3.43	1.56	2.08	2.04	2.04	3.05	3.26	2.64	2.48	3.26	-0.17	-4.9%
NC_295	20	4435	0.55	0.55	0.10	0.56	0.51	0.49	0.53	0.56	0.57	0.29	0.28	0.25	0.57	0.00	0.9%
NC_296	20	4435	0.53	0.53	0.10	0.54	0.50	0.48	0.52	0.54	0.55	0.27	0.27	0.23	0.55	0.01	1.7%
NC_297	20	4435	0.80	0.78	0.11	0.79	0.78	0.78	0.68	0.79	0.83	0.50	0.49	0.43	0.83	0.03	4.4%
NC_298	30	4509	3.32	3.33	0.31	3.35	2.93	3.26	3.15	2.84	3.47	2.25	2.15	1.87	3.47	0.12	3.7%
NC_299	45	4540	41.37	40.87	1.80	40.93	26.58	32.42	31.90	31.12	41.10	35.95	31.34	26.83	41.10	0.17	0.4%
NC_300	20	4435	0.59	0.60	0.10	0.60	0.57	0.54	0.60	0.60	0.62	0.30	0.29	0.26	0.62	0.02	2.7%
NC_301	20	4435	1.09	1.08	0.18	1.09	1.06	1.00	1.08	1.09	1.13	0.55	0.54	0.47	1.13	0.04	3.3%
NC_302	180	4662	141.65	141.53	4.47	143.61	51.79	64.60	64.38	64.03	101.07	123.71	143.86	138.35	143.86	0.25	0.2%
NC_303	30	4513	1.83	1.82	0.22	1.82	1.67	1.86	1.66	1.69	1.93	1.27	1.23	1.09	1.93	0.11	5.9%
NC_304	60	4565	1.23	1.25	0.17	1.28	0.68	0.88	0.85	0.85	1.07	1.11	0.95	0.90	1.11	-0.17	-13.4%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_305	20	4435	0.48	0.48	0.09	0.50	0.45	0.43	0.46	0.50	0.50	0.26	0.26	0.23	0.50	0.00	0.6%
NC_306	60	4565	3.91	4.01	0.36	4.06	1.72	2.30	2.27	2.26	3.62	4.02	3.27	3.05	4.02	-0.04	-1.0%
NC_307	60	4565	1.10	1.10	0.18	1.15	0.70	0.87	0.82	0.86	0.96	0.92	0.84	0.78	0.96	-0.19	-16.9%
NC_308	60	4572	14.22	14.50	1.21	14.77	7.42	9.44	9.36	9.34	13.72	13.43	11.29	9.84	13.72	-1.06	-7.1%
NC_309	60	4565	0.91	0.91	0.16	0.94	0.54	0.72	0.67	0.72	0.80	0.75	0.69	0.65	0.80	-0.14	-15.2%
NC_310	90	4590	6.31	6.30	0.33	6.34	3.91	4.48	4.32	4.25	5.30	6.63	5.81	5.58	6.63	0.29	4.5%
NC_311	20	4440	1.69	1.71	0.13	1.75	1.66	1.76	1.56	1.55	1.81	1.07	1.05	0.92	1.81	0.06	3.7%
NC_312	20	4434	1.00	0.98	0.16	0.99	0.98	0.94	0.99	0.98	1.01	0.52	0.51	0.45	1.01	0.02	2.1%
NC_313	45	4540	10.27	10.18	0.34	10.20	6.08	7.56	7.47	7.34	10.21	9.19	7.95	6.78	10.21	0.01	0.1%
NC_314	45	4536	0.46	0.44	0.07	0.45	0.38	0.43	0.35	0.47	0.45	0.34	0.33	0.29	0.47	0.02	4.9%
NC_315	20	4434	1.63	1.57	0.23	1.58	1.66	1.57	1.58	1.56	1.68	0.89	0.88	0.77	1.68	0.10	6.3%
NC_316	60	4565	4.24	4.31	0.34	4.37	1.80	2.41	2.38	2.38	3.93	4.43	3.58	3.41	4.43	0.06	1.4%
NC_317	20	4435	0.52	0.52	0.09	0.53	0.49	0.47	0.51	0.53	0.54	0.26	0.26	0.23	0.54	0.01	1.3%
NC_318	180	4659	133.48	134.11	8.28	135.98	51.27	63.90	63.67	63.30	99.70	121.50	135.98	128.65	135.98	0.00	0.0%
NC_319	15	4412	0.56	0.55	0.07	0.56	0.55	0.52	0.58	0.56	0.58	0.27	0.26	0.23	0.58	0.02	4.1%
NC_320	60	4565	4.38	4.47	0.32	4.51	1.83	2.45	2.43	2.42	4.06	4.61	3.73	3.56	4.61	0.10	2.3%
NC_321	20	4434	0.62	0.62	0.11	0.62	0.59	0.57	0.62	0.62	0.64	0.31	0.30	0.26	0.64	0.02	3.2%
NC_322	45	4536	0.33	0.32	0.05	0.33	0.28	0.31	0.25	0.35	0.33	0.24	0.23	0.20	0.35	0.02	6.4%
NC_323	20	4435	1.18	1.17	0.20	1.20	1.12	1.07	1.13	1.20	1.19	0.70	0.67	0.60	1.20	0.00	0.2%
NC_324	60	4568	7.26	7.25	0.82	7.43	3.60	4.66	4.45	4.62	6.52	7.42	5.69	5.88	7.42	-0.01	-0.1%
NC_325	180	4659	17.27	17.63	0.92	17.63	7.89	9.26	9.24	9.21	12.70	15.55	17.63	17.70	17.70	0.07	0.4%
NC_326	60	4568	7.43	7.52	0.74	7.66	3.42	4.51	4.40	4.44	6.65	7.70	6.00	6.04	7.70	0.04	0.5%
NC_327	45	4478	0.56	0.54	0.08	0.54	0.40	0.48	0.42	0.51	0.52	0.45	0.42	0.38	0.52	-0.02	-3.7%
NC_328	20	4435	0.51	0.50	0.09	0.51	0.48	0.46	0.49	0.51	0.52	0.26	0.26	0.22	0.52	0.01	2.5%
NC_329	20	4435	0.59	0.59	0.10	0.60	0.55	0.54	0.58	0.60	0.61	0.30	0.30	0.26	0.61	0.01	1.7%
NC_330	20	4435	0.51	0.51	0.09	0.52	0.48	0.46	0.51	0.52	0.53	0.26	0.26	0.22	0.53	0.01	2.1%
NC_331	60	4573	10.88	11.00	0.95	11.16	6.27	7.82	7.74	7.62	10.79	9.87	8.58	7.21	10.79	-0.37	-3.3%
NC_332	20	4435	1.67	1.61	0.24	1.63	1.67	1.58	1.58	1.63	1.69	0.99	0.96	0.85	1.69	0.06	3.4%
NC_333	30	4509	3.97	3.97	0.41	3.98	3.50	3.94	3.67	3.52	4.15	2.74	2.63	2.32	4.15	0.17	4.3%
NC_334	20	4435	0.53	0.53	0.10	0.55	0.50	0.48	0.52	0.55	0.55	0.28	0.28	0.24	0.55	0.00	-0.2%
NC_335	45	4536	0.32	0.30	0.05	0.31	0.25	0.29	0.24	0.31	0.31	0.23	0.22	0.20	0.31	0.00	1.3%
NC_336	45	4536	0.32	0.31	0.05	0.32	0.25	0.30	0.25	0.32	0.32	0.23	0.23	0.20	0.32	0.00	-0.3%
NC_337	20	4434	0.68	0.68	0.11	0.68	0.65	0.62	0.68	0.68	0.70	0.34	0.33	0.29	0.70	0.02	2.9%
NC_338	45	4536	0.36	0.35	0.05	0.36	0.28	0.33	0.28	0.36	0.36	0.27	0.26	0.23	0.36	0.00	-0.3%
NC_339	20	4436	1.09	1.08	0.12	1.11	1.12	1.11	1.03	1.01	1.16	0.65	0.65	0.56	1.16	0.05	4.8%
NC_340	20	4435	0.39	0.38	0.07	0.41	0.34	0.35	0.30	0.41	0.37	0.24	0.24	0.21	0.41	0.00	0.0%
NC_341	180	4659	17.32	17.70	0.88	17.71	7.87	9.24	9.23	9.19	12.69	15.49	17.71	17.64	17.71	0.00	0.0%
NC_342	20	4436	3.06	2.95	0.39	2.99	3.16	2.99	2.91	2.89	3.15	1.75	1.72	1.51	3.16	0.17	5.5%
NC_343	45	4536	0.75	0.72	0.11	0.74	0.56	0.67	0.58	0.68	0.74	0.56	0.54	0.48	0.74	-0.01	-0.7%
NC_344	20	4435	1.03	1.01	0.17	1.02	1.02	0.96	1.00	1.02	1.04	0.56	0.55	0.48	1.04	0.02	2.1%
NC_345	45	4536	0.32	0.30	0.05	0.31	0.25	0.29	0.24	0.31	0.31	0.23	0.22	0.20	0.31	0.00	1.0%
NC_346	20	4436	2.94	2.84	0.40	2.86	3.02	2.86	2.82	2.76	3.05	1.66	1.63	1.42	3.05	0.19	6.5%
NC_347	15	4412	0.55	0.54	0.07	0.54	0.54	0.50	0.56	0.55	0.57	0.27	0.26	0.23	0.57	0.03	5.9%
NC_348	60	4565	0.58	0.58	0.10	0.60	0.34	0.45	0.42	0.45	0.50	0.47	0.44	0.40	0.50	-0.10	-16.0%
NC_349	60	4565	0.81	0.81	0.13	0.84	0.48	0.61	0.57	0.62	0.68	0.71	0.63	0.60	0.71	-0.13	-15.1%
NC_350	60	4568	7.75	7.89	0.70	8.00	3.50	4.61	4.52	4.51	6.93	8.13	6.43	6.35	8.13	0.13	1.6%
NC_351	45	4541	0.54	0.51	0.08	0.52	0.36	0.45	0.41	0.47	0.49	0.44	0.41	0.38	0.49	-0.03	-5.8%
NC_352	60	4565	0.98	0.99	0.14	1.00	0.54	0.68	0.65	0.69	0.85	0.92	0.75	0.76	0.92	-0.08	-8.0%
NC_353	20	4435	0.97	0.95	0.13	0.96	0.94	0.93	0.86	0.96	0.96	0.58	0.57	0.50	0.96	0.00	0.2%
NC_354	60	4572	14.13	14.42	1.22	14.69	7.41	9.42	9.35	9.32	13.65	13.32	11.16	9.78	13.65	-1.04	-7.1%
NC_355	180	4659	133.47	134.09	8.29	135.98	51.27	63.90	63.68	63.31	99.71	121.50	135.98	128.67	135.98	0.00	0.0%
NC_356	90	4593	8.21	8.36	0.91	8.66	3.52	4.18	4.11	4.06	6.90	8.76	7.17	7.38	8.76	0.10	1.2%
NC_357	15	4412	0.60	0.59	0.07	0.59	0.59	0.55	0.61	0.59	0.62	0.29	0.28	0.25	0.62	0.03	5.3%
NC_358	60	4565	4.07	4.17	0.63	4.25	2.19	2.95	2.82	2.91	3.64	3.51	3.10	2.81	3.64	-0.61	-14.3%
NC_359	20	4435	1.04	1.00	0.16	1.00	1.04	0.99	1.00	1.00	1.07	0.57	0.56	0.49	1.07	0.07	6.8%
NC_360	45	4478	0.78	0.74	0.12	0.75	0.52	0.67	0.60	0.67	0.74	0.61	0.58	0.53	0.74	-0.01	-1.5%
NC_361	45	4536	1.15	1.11	0.16	1.12	0.94	1.06	0.93	1.05	1.12	0.91	0.85	0.78	1.12	0.00	-0.3%
NC_362	180	4659	133.45	134.06	8.31	135.96	51.28	63.91	63.68	63.31	99.72	121.52	135.96	128.69	135.96	0.00	0.0%
NC_363	45	4536	0.36	0.34	0.06	0.36	0.29	0.33	0.28	0.37	0.36	0.26	0.25	0.23	0.37	0.01	1.9%
NC_364	20	4435	0.52	0.53	0.09	0.53	0.50	0.48	0.52	0.53	0.54	0.26	0.26	0.23	0.54	0.01	2.6%
NC_365	60	4565	0.82	0.82	0.12	0.85	0.40	0.55	0.54	0.54	0.69	0.74	0.63	0.61	0.74	-0.11	-13.4%
NC_366	20	4435	0.77	0.77	0.13	0.78	0.73	0.70	0.76	0.78	0.79	0.41	0.40	0.35	0.79	0.01	1.7%
NC_367	60	4565	0.62	0.62	0.11	0.65	0.37	0.49	0.46	0.49	0.55	0.51	0.47	0.44	0.55	-0.10	-15.8%
NC_368	60	4565	4.12	4.22	0.71	4.30	2.51	3.29	3.05	3.25	3.84	3.36	3.07	2.78	3.84	-0.46	-10.8%
NC_369	45	4536	0.34	0.33	0.05	0.34	0.27	0.32	0.26	0.34	0.34	0.25	0.24	0.22	0.34	0.00	1.2%
NC_370	20	4435	0.52	0.53	0.09	0.54	0.49	0.47	0.52	0.54	0.54	0.27	0.27	0.23	0.54	0.00	0.6%
NC_371	45	4539	1.78	1.71	0.26	1.72	1.19	1.52	1.37	1.51	1.70	1.39	1.30	1.18	1.70	-0.02	-1.0%
NC_372	180	4659	133.44	134.05	8.32	135.97	51.29	63.92	63.70	63.32	99.73	121.52	135.97	128.69	135.97	0.00	0.0%
NC_373	20	4434	0.54	0.54	0.09	0.55	0.52	0.49	0.55	0.54	0.56	0.26	0.26	0.23	0.56	0.01	1.8%
NC_374	45	4541	0.70	0.67	0.10	0.67	0.49	0.60	0.53	0.63	0.66	0.58	0.53	0.50	0.66	-0.02	-2.2%
NC_375	60	4568	4.66	4.79	0.47	4.83	2.39	3.08	3.02	2.99	4.27	4.87	3.92	4.24	4.87	0.04	0.9%
NC_376	20	4435	0.60	0.60	0.10	0.60	0.57	0.55	0.60	0.60	0.62	0.30	0.30	0.26	0.62	0.02	3.3%
NC_377	60	4568	8.83	8.99	0.81	9.10	4.16	5.39	5.29	5.22	7.91	9.27	7.29	7.29	9.27	0.17	1.9%
NC_378	20	4435	0.36	0.36	0.06	0.38	0.31	0.33	0.27	0.38	0.36	0.25	0.24	0.21	0.38	0.00	-0.3%
NC_379	15	4412	0.63	0.62	0.07	0.62	0.62	0.58	0.64	0.62	0.65	0.30	0.29	0.25	0.65	0.03	4.7%
NC_380	60	4565	3.89	3.98	0.68	4.06	2.42	3.15	2.90	3.12	3.63	3.15	2.89	2.65	3.63	-0.43	-10.7%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_381	90	4593	8.34	8.49	0.91	8.82	3.59	4.32	4.27	4.08	6.93	8.90	7.34	7.53	8.90	0.08	0.9%
NC_382	20	4435	0.47	0.46	0.09	0.49	0.44	0.42	0.44	0.49	0.48	0.26	0.25	0.22	0.49	0.00	-0.4%
NC_383	45	4536	0.88	0.85	0.13	0.89	0.76	0.84	0.69	0.89	0.89	0.64	0.62	0.55	0.89	0.00	0.4%
NC_384	45	4536	0.42	0.40	0.06	0.41	0.33	0.38	0.32	0.42	0.41	0.32	0.30	0.27	0.42	0.01	1.2%
NC_385	180	4659	22.67	23.38	3.29	23.39	11.81	14.02	13.72	13.25	17.12	19.08	23.39	22.93	23.39	0.00	0.0%
NC_386	15	4410	0.59	0.59	0.07	0.59	0.59	0.54	0.61	0.56	0.60	0.26	0.26	0.23	0.61	0.02	3.2%
NC_387	20	4435	0.48	0.48	0.09	0.51	0.44	0.44	0.40	0.51	0.47	0.31	0.30	0.26	0.51	0.00	0.4%
NC_388	45	4539	0.56	0.54	0.08	0.55	0.40	0.49	0.43	0.52	0.54	0.45	0.42	0.39	0.54	-0.01	-2.5%
NC_389	60	4565	2.19	2.20	0.34	2.27	1.44	1.78	1.64	1.77	2.00	1.83	1.64	1.54	2.00	-0.27	-12.0%
NC_390	45	4536	0.39	0.38	0.06	0.39	0.30	0.36	0.30	0.38	0.39	0.30	0.28	0.26	0.39	-0.01	-1.3%
NC_391	20	4435	1.62	1.56	0.25	1.61	1.59	1.52	1.51	1.61	1.65	0.94	0.92	0.81	1.65	0.04	2.5%
NC_392	45	4536	0.36	0.34	0.05	0.35	0.28	0.33	0.28	0.35	0.35	0.27	0.26	0.23	0.35	0.00	1.1%
NC_393	15	4410	1.68	1.66	0.17	1.67	1.67	1.60	1.72	1.58	1.69	0.81	0.80	0.70	1.72	0.05	2.7%
NC_394	180	4659	133.12	133.48	8.76	135.80	51.59	64.30	64.07	63.69	100.20	121.85	135.80	128.79	135.80	0.00	0.0%
NC_395	20	4435	0.51	0.51	0.09	0.52	0.48	0.46	0.50	0.52	0.53	0.26	0.25	0.22	0.53	0.01	1.0%
NC_396	60	4565	1.86	1.88	0.32	1.93	1.12	1.48	1.37	1.46	1.70	1.52	1.39	1.30	1.70	-0.23	-12.0%
NC_397	45	4478	2.57	2.54	0.08	2.55	2.18	2.39	2.35	2.25	2.60	2.24	2.00	1.83	2.60	0.05	1.8%
NC_398	45	4536	0.32	0.31	0.05	0.32	0.26	0.30	0.25	0.32	0.32	0.23	0.23	0.20	0.32	0.00	0.9%
NC_399	180	4659	133.43	134.03	8.33	135.96	51.29	63.93	63.70	63.33	99.74	121.53	135.96	128.68	135.96	0.00	0.0%
NC_400	15	4410	0.58	0.57	0.07	0.57	0.57	0.52	0.59	0.56	0.59	0.26	0.26	0.23	0.59	0.02	3.9%
NC_401	90	4593	9.24	9.38	0.98	9.67	4.84	5.77	5.59	5.73	7.32	9.88	8.08	8.52	9.88	0.21	2.2%
NC_402	20	4434	1.30	1.26	0.19	1.27	1.32	1.25	1.27	1.25	1.32	0.71	0.70	0.61	1.32	0.05	4.0%
NC_403	180	4659	133.14	133.52	8.62	135.81	51.41	64.07	63.84	63.47	99.91	121.64	135.81	128.70	135.81	0.00	0.0%
NC_404	180	4659	133.42	134.00	8.35	135.95	51.30	63.93	63.71	63.34	99.75	121.54	135.95	128.66	135.95	0.00	0.0%
NC_405	45	4536	0.33	0.32	0.05	0.33	0.28	0.31	0.25	0.35	0.33	0.23	0.23	0.20	0.35	0.02	4.5%
NC_406	20	4434	2.50	2.44	0.35	2.49	2.51	2.39	2.49	2.38	2.57	1.30	1.28	1.11	2.57	0.08	3.3%
NC_407	20	4435	0.52	0.52	0.09	0.53	0.49	0.47	0.51	0.53	0.54	0.27	0.27	0.23	0.54	0.01	2.1%
NC_408	60	4565	1.92	1.93	0.31	1.99	1.28	1.58	1.45	1.60	1.75	1.61	1.45	1.36	1.75	-0.24	-12.3%
NC_409	15	4412	0.64	0.63	0.08	0.63	0.63	0.59	0.65	0.63	0.66	0.30	0.30	0.26	0.66	0.03	4.6%
NC_410	20	4435	0.98	0.96	0.15	0.99	0.94	0.92	0.86	0.99	0.97	0.60	0.59	0.52	0.99	0.00	0.4%
NC_411	20	4436	1.84	1.79	0.23	1.81	1.92	1.81	1.77	1.72	1.88	1.02	1.01	0.88	1.92	0.11	5.9%
NC_412	20	4435	1.07	1.03	0.17	1.08	1.02	0.99	0.98	1.08	1.05	0.63	0.61	0.54	1.08	0.00	-0.1%
NC_413	15	4412	0.61	0.60	0.07	0.60	0.60	0.56	0.62	0.60	0.63	0.29	0.29	0.25	0.63	0.03	4.5%
NC_414	20	4435	0.52	0.52	0.09	0.52	0.49	0.47	0.52	0.52	0.54	0.26	0.25	0.22	0.54	0.02	3.3%
NC_415	15	4412	0.75	0.74	0.09	0.74	0.74	0.69	0.77	0.73	0.77	0.35	0.35	0.30	0.77	0.03	3.6%
NC_416	15	4412	0.72	0.70	0.08	0.71	0.70	0.66	0.73	0.71	0.74	0.35	0.35	0.30	0.74	0.03	4.6%
NC_417	45	4539	1.39	1.34	0.16	1.35	1.15	1.27	1.14	1.30	1.33	1.11	1.02	0.94	1.33	-0.02	-1.6%
NC_418	15	4410	0.68	0.68	0.07	0.68	0.68	0.61	0.70	0.64	0.69	0.30	0.30	0.26	0.70	0.02	2.4%
NC_419	20	4440	2.44	2.46	0.20	2.50	2.46	2.55	2.31	2.18	2.62	1.46	1.45	1.26	2.62	0.12	4.6%
NC_420	15	4412	0.56	0.55	0.07	0.55	0.54	0.51	0.57	0.55	0.58	0.27	0.26	0.23	0.58	0.03	4.7%
NC_421	60	4565	1.00	1.01	0.14	1.04	0.54	0.71	0.70	0.69	0.87	0.90	0.76	0.73	0.90	-0.14	-13.7%
NC_422	180	4659	132.36	133.01	9.27	135.29	51.61	64.31	64.09	63.70	100.19	121.74	135.29	128.55	135.29	0.00	0.0%
NC_423	20	4434	0.56	0.57	0.10	0.57	0.54	0.51	0.57	0.57	0.58	0.28	0.28	0.24	0.58	0.01	2.5%
NC_424	45	4478	3.18	3.05	0.40	3.06	2.04	2.61	2.47	2.49	3.03	2.53	2.34	2.10	3.03	-0.03	-0.9%
NC_425	45	4536	0.67	0.64	0.10	0.65	0.46	0.59	0.52	0.59	0.65	0.51	0.48	0.43	0.65	-0.01	-0.8%
NC_426	20	4434	0.54	0.54	0.09	0.55	0.52	0.49	0.55	0.54	0.56	0.27	0.26	0.23	0.56	0.01	2.2%
NC_427	20	4436	2.63	2.58	0.32	2.59	2.75	2.59	2.58	2.43	2.72	1.43	1.41	1.23	2.75	0.16	6.1%
NC_428	20	4435	0.79	0.77	0.11	0.78	0.77	0.76	0.69	0.78	0.78	0.44	0.44	0.38	0.78	0.00	-0.5%
NC_429	20	4434	0.53	0.53	0.09	0.53	0.51	0.48	0.53	0.53	0.55	0.26	0.26	0.22	0.55	0.02	3.8%
NC_430	15	4410	0.90	0.91	0.08	0.91	0.91	0.81	0.93	0.81	0.89	0.39	0.37	0.32	0.93	0.02	2.5%
NC_431	20	4435	0.37	0.37	0.07	0.40	0.33	0.35	0.27	0.40	0.37	0.25	0.24	0.22	0.40	0.00	-1.0%
NC_432	20	4436	2.32	2.29	0.25	2.34	2.45	2.34	2.23	2.12	2.41	1.30	1.29	1.12	2.45	0.11	4.7%
NC_433	20	4436	1.68	1.69	0.14	1.72	1.63	1.72	1.49	1.58	1.79	1.08	1.07	0.93	1.79	0.07	3.8%
NC_434	45	4536	0.31	0.30	0.05	0.31	0.25	0.29	0.24	0.31	0.31	0.23	0.22	0.20	0.31	0.00	1.0%
NC_435	15	4410	0.64	0.64	0.07	0.64	0.64	0.58	0.66	0.60	0.65	0.28	0.28	0.24	0.66	0.02	2.5%
NC_436	30	4509	2.50	2.51	0.21	2.53	2.15	2.45	2.38	2.16	2.58	1.67	1.61	1.41	2.58	0.05	2.0%
NC_437	180	4659	132.41	133.04	9.32	135.32	51.71	64.44	64.21	63.83	100.36	121.88	135.32	128.66	135.32	0.00	0.0%
NC_438	15	4412	1.12	1.11	0.12	1.12	1.11	1.06	1.16	1.05	1.13	0.53	0.53	0.46	1.16	0.03	3.1%
NC_439	45	4536	0.31	0.30	0.05	0.31	0.25	0.29	0.24	0.31	0.31	0.23	0.22	0.20	0.31	0.00	1.0%
NC_440	45	4478	2.66	2.60	0.30	2.65	2.34	2.56	2.29	2.44	2.67	2.08	1.91	1.78	2.67	0.02	0.8%
NC_441	20	4435	0.84	0.83	0.12	0.84	0.78	0.81	0.66	0.84	0.86	0.56	0.55	0.48	0.86	0.02	2.4%
NC_442	20	4435	0.51	0.50	0.09	0.54	0.47	0.46	0.46	0.54	0.52	0.30	0.29	0.26	0.54	0.00	-0.6%
NC_443	90	4593	11.53	11.60	1.48	11.68	8.88	10.00	9.49	9.19	10.68	12.29	9.81	10.86	12.29	0.61	5.3%
NC_444	20	4435	0.86	0.84	0.11	0.86	0.84	0.83	0.76	0.86	0.86	0.50	0.50	0.43	0.86	-0.01	-0.6%
NC_445	45	4536	0.37	0.36	0.05	0.37	0.29	0.34	0.29	0.37	0.37	0.28	0.27	0.24	0.37	0.00	0.0%
NC_446	15	4410	1.60	1.60	0.15	1.63	1.63	1.55	1.62	1.46	1.61	0.79	0.78	0.68	1.63	0.00	-0.1%
NC_447	20	4435	1.13	1.09	0.17	1.12	1.12	1.07	1.04	1.12	1.14	0.66	0.65	0.56	1.14	0.02	2.0%
NC_448	60	4565	2.18	2.21	0.36	2.28	1.23	1.65	1.56	1.63	1.95	1.83	1.65	1.54	1.95	-0.33	-14.6%
NC_449	30	4509	2.54	2.54	0.26	2.55	2.23	2.54	2.35	2.26	2.64	1.74	1.69	1.48	2.64	0.09	3.4%
NC_450	45	4539	2.67	2.57	0.35	2.57	1.76	2.23	2.10	2.12	2.57	2.09	1.95	1.76	2.57	0.00	-0.2%
NC_451	45	4536	2.42	2.33	0.33	2.33	1.64	2.06	1.93	1.94	2.33	1.87	1.76	1.59	2.33	0.00	0.2%
NC_452	180	4659	4.37	4.43	0.46	4.47	1.42	1.88	1.87	1.86	3.06	3.96	4.47	4.60	4.60	0.13	2.9%
NC_453	20	4435	0.92	0.89	0.13	0.93	0.87	0.86	0.84	0.93	0.90	0.58	0.56	0.50	0.93	0.00	-0.2%
NC_454	60	4565	0.83	0.84	0.13	0.87	0.55	0.68	0.63	0.68	0.73	0.69	0.63	0.59	0.73	-0.14	-16.0%
NC_455	60	4565	1.38	1.39	0.24	1.44	0.81	1.08	1.01	1.07	1.23	1.14	1.04	0.97	1.23	-0.21	-14.3%
NC_456	10	4376	1.35	1.37	0.07	1.38	1.34	1.28	1.40	1.23	1.34	0.61	0.61	0.53	1.40	0.02	1.2%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_457	180	4659	132.44	133.06	9.35	135.35	51.78	64.53	64.30	63.91	100.47	121.98	135.35	128.68	135.35	0.00	0.0%
NC_458	180	4663	41.68	43.31	4.16	43.66	19.49	23.38	23.17	22.59	32.17	37.13	42.95	43.86	43.86	0.20	0.5%
NC_459	15	4410	0.62	0.62	0.07	0.63	0.63	0.56	0.64	0.58	0.63	0.27	0.26	0.23	0.64	0.01	1.9%
NC_460	15	4410	0.62	0.61	0.07	0.62	0.62	0.56	0.63	0.59	0.63	0.27	0.27	0.23	0.63	0.01	2.1%
NC_461	20	4436	1.86	1.85	0.15	1.90	1.88	1.90	1.72	1.72	1.92	1.04	1.04	0.90	1.92	0.02	0.8%
NC_462	20	4434	1.53	1.48	0.22	1.49	1.53	1.46	1.49	1.47	1.57	0.83	0.82	0.71	1.57	0.08	5.4%
NC_463	15	4410	1.83	1.83	0.17	1.87	1.87	1.77	1.83	1.69	1.84	0.94	0.93	0.81	1.87	0.00	-0.1%
NC_464	20	4435	0.36	0.36	0.07	0.39	0.32	0.34	0.26	0.39	0.35	0.24	0.24	0.21	0.39	-0.01	-1.3%
NC_465	20	4434	1.32	1.30	0.19	1.33	1.31	1.25	1.33	1.28	1.33	0.68	0.67	0.58	1.33	0.00	0.2%
NC_466	60	4572	21.86	22.03	1.82	22.12	11.35	13.39	13.25	13.18	20.13	22.68	17.81	18.35	22.68	0.56	2.5%
NC_467	45	4536	0.32	0.30	0.05	0.31	0.25	0.29	0.24	0.31	0.31	0.23	0.22	0.20	0.31	0.00	1.0%
NC_468	20	4435	0.75	0.75	0.13	0.75	0.72	0.69	0.75	0.75	0.77	0.39	0.38	0.33	0.77	0.02	3.2%
NC_469	20	4436	1.32	1.32	0.12	1.35	1.29	1.35	1.17	1.25	1.39	0.84	0.83	0.73	1.39	0.04	3.3%
NC_470	45	4540	2.73	2.66	0.24	2.66	2.09	2.44	2.35	2.25	2.66	2.28	1.99	1.88	2.66	0.00	0.0%
NC_471	15	4410	0.62	0.62	0.07	0.62	0.62	0.56	0.64	0.58	0.63	0.27	0.27	0.23	0.64	0.02	2.9%
NC_472	45	4536	0.59	0.57	0.08	0.57	0.46	0.53	0.47	0.55	0.57	0.45	0.43	0.39	0.57	0.00	0.7%
NC_473	15	4412	0.63	0.62	0.07	0.63	0.62	0.58	0.65	0.62	0.65	0.30	0.29	0.26	0.65	0.02	3.3%
NC_474	45	4536	0.31	0.30	0.05	0.31	0.25	0.29	0.24	0.31	0.31	0.23	0.22	0.20	0.31	0.00	0.6%
NC_475	15	4410	0.65	0.65	0.06	0.66	0.66	0.58	0.67	0.59	0.64	0.28	0.26	0.23	0.67	0.01	0.9%
NC_476	20	4435	0.41	0.40	0.07	0.43	0.37	0.37	0.33	0.43	0.40	0.25	0.24	0.21	0.43	0.00	0.2%
NC_477	20	4435	0.52	0.52	0.09	0.53	0.48	0.47	0.51	0.53	0.54	0.27	0.26	0.23	0.54	0.01	0.9%
NC_478	10	4376	1.16	1.17	0.06	1.18	1.15	1.10	1.20	1.07	1.16	0.53	0.53	0.46	1.20	0.02	1.4%
NC_479	15	4410	1.85	1.86	0.17	1.88	1.88	1.79	1.87	1.64	1.83	0.87	0.86	0.75	1.88	0.00	0.0%
NC_480	15	4410	1.08	1.08	0.10	1.09	1.09	0.97	1.11	0.96	1.06	0.46	0.44	0.39	1.11	0.02	2.1%
NC_481	60	4565	0.64	0.64	0.11	0.66	0.38	0.50	0.46	0.50	0.55	0.53	0.49	0.45	0.55	-0.11	-16.8%
NC_482	15	4412	1.26	1.25	0.13	1.25	1.24	1.19	1.30	1.17	1.27	0.59	0.58	0.50	1.30	0.05	3.8%
NC_483	60	4475	21.99	21.99	1.61	22.00	11.82	14.03	13.91	13.83	20.24	22.97	18.70	18.82	22.97	0.97	4.4%
NC_484	60	4565	3.54	3.59	0.19	3.66	2.07	2.51	2.49	2.47	3.25	3.61	3.33	2.99	3.61	-0.05	-1.5%
NC_485	60	4569	4.59	4.71	0.48	4.74	3.55	4.12	3.98	3.76	4.55	4.30	3.44	3.39	4.55	-0.19	-4.0%
NC_486	20	4434	0.71	0.72	0.12	0.72	0.69	0.66	0.72	0.71	0.74	0.35	0.35	0.30	0.74	0.02	2.5%
NC_487	15	4410	0.80	0.82	0.06	0.82	0.82	0.70	0.83	0.74	0.77	0.33	0.31	0.27	0.83	0.01	0.9%
NC_488	180	4659	4.62	4.70	0.40	4.76	1.44	1.90	1.89	1.88	3.11	4.03	4.76	4.87	4.87	0.11	2.3%
NC_489	20	4434	0.79	0.79	0.13	0.79	0.76	0.72	0.79	0.79	0.81	0.40	0.39	0.34	0.81	0.02	2.5%
NC_490	15	4409	0.79	0.80	0.07	0.81	0.80	0.70	0.81	0.70	0.77	0.33	0.31	0.27	0.81	0.00	0.2%
NC_491	15	4411	0.82	0.84	0.07	0.84	0.84	0.72	0.84	0.74	0.79	0.34	0.32	0.28	0.84	0.00	0.5%
NC_492	60	4565	20.19	20.60	1.45	20.85	11.55	14.07	13.92	13.46	19.08	21.11	17.80	17.07	21.11	0.25	1.2%
NC_493	20	4434	1.07	1.05	0.16	1.07	1.05	1.01	1.07	1.04	1.08	0.54	0.53	0.46	1.08	0.01	1.1%
NC_494	15	4412	1.13	1.12	0.12	1.12	1.12	1.07	1.16	1.06	1.14	0.53	0.53	0.46	1.16	0.04	3.6%
NC_495	20	4435	0.48	0.48	0.09	0.50	0.45	0.43	0.46	0.50	0.50	0.27	0.26	0.23	0.50	0.00	0.8%
NC_496	15	4410	0.59	0.59	0.07	0.59	0.59	0.54	0.61	0.57	0.61	0.27	0.26	0.23	0.61	0.02	3.6%
NC_497	60	4565	0.62	0.62	0.11	0.65	0.34	0.47	0.44	0.46	0.54	0.52	0.47	0.44	0.54	-0.12	-17.7%
NC_498	15	4412	0.73	0.72	0.08	0.72	0.71	0.67	0.74	0.72	0.75	0.35	0.35	0.30	0.75	0.03	4.3%
NC_499	180	4663	41.81	43.43	4.13	43.76	19.48	23.38	23.19	22.61	32.31	37.24	43.10	44.01	44.01	0.25	0.6%
NC_500	45	4536	1.45	1.41	0.22	1.45	1.09	1.31	1.19	1.23	1.45	1.07	1.03	0.93	1.45	0.00	-0.1%
NC_501	15	4410	1.85	1.85	0.17	1.89	1.89	1.80	1.86	1.68	1.84	0.90	0.89	0.77	1.89	0.00	-0.3%
NC_502	180	4659	132.47	133.08	9.38	135.38	51.84	64.61	64.38	64.00	100.57	122.07	135.38	128.77	135.38	0.00	0.0%
NC_503	10	4376	1.41	1.43	0.07	1.44	1.42	1.30	1.46	1.19	1.35	0.60	0.57	0.50	1.46	0.02	1.5%
NC_504	45	4542	1.06	1.01	0.17	1.05	0.90	1.02	0.86	0.99	1.11	0.76	0.74	0.66	1.11	0.06	5.5%
NC_505	20	4435	0.84	0.82	0.12	0.85	0.79	0.79	0.75	0.85	0.82	0.53	0.52	0.46	0.85	0.00	-0.4%
NC_506	60	4565	3.57	3.63	0.24	3.69	2.10	2.53	2.51	2.50	3.24	3.64	3.19	2.88	3.64	-0.05	-1.4%
NC_507	10	4376	2.79	2.82	0.09	2.83	2.85	2.70	2.84	2.43	2.75	1.29	1.27	1.10	2.85	0.02	0.7%
NC_508	20	4436	0.68	0.67	0.07	0.67	0.61	0.67	0.57	0.67	0.71	0.48	0.47	0.41	0.71	0.04	5.8%
NC_509	45	4536	0.66	0.63	0.10	0.63	0.44	0.57	0.51	0.57	0.63	0.50	0.48	0.43	0.63	0.00	0.0%
NC_510	15	4410	1.81	1.82	0.17	1.84	1.84	1.75	1.83	1.65	1.81	0.88	0.87	0.75	1.84	0.00	0.0%
NC_511	15	4412	1.11	1.11	0.12	1.11	1.10	1.06	1.15	1.05	1.13	0.53	0.52	0.45	1.15	0.04	3.2%
NC_512	15	4412	0.75	0.74	0.09	0.74	0.74	0.69	0.76	0.73	0.77	0.36	0.35	0.31	0.77	0.03	3.6%
NC_513	10	4376	1.62	1.64	0.06	1.64	1.64	1.56	1.65	1.42	1.60	0.74	0.73	0.64	1.65	0.01	0.5%
NC_514	15	4409	0.95	0.97	0.08	0.97	0.97	0.85	0.99	0.85	0.93	0.40	0.38	0.33	0.99	0.02	1.5%
NC_515	45	4478	0.99	0.95	0.15	0.96	0.62	0.81	0.76	0.81	0.93	0.78	0.73	0.66	0.93	-0.03	-3.1%
NC_516	15	4410	1.76	1.78	0.15	1.81	1.81	1.71	1.79	1.54	1.74	0.83	0.82	0.71	1.81	0.00	-0.2%
NC_517	45	4536	0.41	0.39	0.06	0.40	0.30	0.37	0.31	0.39	0.40	0.31	0.29	0.26	0.40	-0.01	-1.3%
NC_518	15	4411	2.30	2.33	0.18	2.38	2.41	2.27	2.30	2.00	2.30	1.13	1.12	0.97	2.41	0.03	1.1%
NC_519	180	4659	132.44	133.08	9.45	135.38	51.91	64.70	64.47	64.08	100.69	122.15	135.38	128.79	135.38	0.00	0.0%
NC_520	180	4663	41.84	43.47	4.11	43.78	19.45	23.35	23.17	22.60	32.30	37.24	43.16	43.93	43.93	0.15	0.3%
NC_521	45	4536	0.32	0.31	0.05	0.32	0.25	0.29	0.25	0.32	0.32	0.24	0.23	0.20	0.32	0.00	-0.6%
NC_522	15	4412	1.57	1.55	0.16	1.56	1.55	1.50	1.61	1.48	1.58	0.76	0.75	0.65	1.61	0.05	3.2%
NC_523	10	4376	1.31	1.33	0.07	1.33	1.30	1.23	1.35	1.18	1.30	0.58	0.57	0.50	1.35	0.02	1.6%
NC_524	60	4565	20.16	20.58	1.43	20.86	11.43	13.96	13.81	13.39	19.04	21.08	17.93	17.07	21.08	0.22	1.1%
NC_525	45	4478	0.87	0.83	0.11	0.84	0.61	0.76	0.72	0.74	0.82	0.67	0.63	0.57	0.82	-0.02	-2.3%
NC_526	30	4513	15.43	15.38	1.37	15.44	14.02	15.31	14.26	13.68	15.92	15.05	11.74	13.48	15.92	0.48	3.1%
NC_527	45	4540	1.03	1.03	0.11	1.03	0.60	0.77	0.77	0.76	0.93	0.87	0.77	0.72	0.93	-0.10	-9.5%
NC_528	60	4565	1.78	1.84	0.18	1.85	0.88	1.15	1.14	1.13	1.68	1.72	1.40	1.30	1.72	-0.13	-6.8%
NC_529	60	4565	1.86	1.90	0.17	1.94	0.88	1.15	1.14	1.13	1.77	1.86	1.51	1.39	1.86	-0.08	-4.1%
NC_530	15	4412	0.68	0.68	0.08	0.68	0.68	0.62	0.70	0.66	0.70	0.32	0.31	0.27	0.70	0.02	2.8%
NC_531	20	4434	0.59	0.59	0.10	0.60	0.57	0.54	0.60	0.59	0.61	0.29	0.29	0.25	0.61	0.01	1.8%
NC_532	180	4659	132.45	133.11	9.53	135.40	52.01	64.82	64.59	64.20	100.85	122.29	135.40	128.89	135.40	0.00	0.0%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_533	15	4410	0.65	0.65	0.06	0.65	0.65	0.58	0.66	0.59	0.64	0.28	0.26	0.23	0.66	0.01	2.2%
NC_534	60	4565	1.56	1.59	0.21	1.64	0.88	1.14	1.12	1.12	1.37	1.36	1.18	1.11	1.37	-0.27	-16.5%
NC_535	180	4659	132.35	133.07	9.66	135.36	52.08	64.91	64.68	64.29	100.96	122.37	135.36	128.93	135.36	0.00	0.0%
NC_536	60	4565	1.67	1.73	0.19	1.73	0.88	1.15	1.13	1.12	1.52	1.54	1.28	1.20	1.54	-0.19	-10.9%
NC_537	15	4409	0.67	0.69	0.06	0.69	0.68	0.59	0.69	0.60	0.66	0.28	0.26	0.23	0.69	0.00	0.1%
NC_538	15	4413	2.50	2.53	0.20	2.57	2.62	2.46	2.47	2.22	2.50	1.25	1.24	1.08	2.62	0.05	1.9%
NC_539	60	4565	20.09	20.52	1.40	20.82	11.30	13.84	13.69	13.29	18.97	21.02	18.05	17.02	21.02	0.20	1.0%
NC_540	15	4410	0.63	0.63	0.06	0.63	0.63	0.56	0.64	0.58	0.63	0.27	0.26	0.23	0.64	0.01	2.2%
NC_541	60	4569	3.68	3.80	0.37	3.80	2.15	2.57	2.54	2.53	3.24	3.81	3.02	2.87	3.81	0.01	0.3%
NC_542	15	4410	0.62	0.62	0.07	0.62	0.62	0.56	0.64	0.58	0.63	0.27	0.27	0.23	0.64	0.02	2.9%
NC_543	15	4411	2.94	2.97	0.20	2.99	3.12	2.94	2.89	2.54	2.97	1.48	1.47	1.28	3.12	0.13	4.3%
NC_544	20	4435	0.49	0.48	0.09	0.52	0.43	0.45	0.37	0.52	0.47	0.33	0.32	0.28	0.52	0.00	-0.8%
NC_545	20	4435	0.75	0.75	0.09	0.76	0.68	0.73	0.61	0.76	0.77	0.54	0.52	0.46	0.77	0.01	1.3%
NC_546	45	4536	0.44	0.42	0.06	0.43	0.34	0.40	0.33	0.43	0.43	0.33	0.31	0.28	0.43	0.00	-0.5%
NC_547	45	4536	0.33	0.31	0.05	0.33	0.27	0.31	0.25	0.34	0.33	0.24	0.23	0.20	0.34	0.01	3.3%
NC_548	15	4410	0.70	0.71	0.06	0.72	0.72	0.68	0.71	0.61	0.70	0.32	0.32	0.27	0.72	-0.01	-0.7%
NC_549	20	4435	0.50	0.51	0.09	0.51	0.47	0.46	0.50	0.51	0.52	0.26	0.25	0.22	0.52	0.01	2.5%
NC_550	20	4435	0.72	0.72	0.11	0.74	0.65	0.69	0.55	0.74	0.74	0.50	0.48	0.42	0.74	0.00	0.4%
NC_551	45	4542	1.10	1.06	0.16	1.11	0.89	1.03	0.88	1.00	1.12	0.81	0.78	0.69	1.12	0.01	1.1%
NC_552	20	4435	1.06	1.04	0.17	1.05	1.05	0.99	1.04	1.05	1.07	0.57	0.57	0.49	1.07	0.02	2.1%
NC_553	20	4435	0.95	0.93	0.12	0.93	0.94	0.92	0.85	0.93	0.94	0.55	0.54	0.47	0.94	0.01	1.1%
NC_554	45	4536	0.34	0.33	0.05	0.34	0.27	0.31	0.26	0.34	0.34	0.26	0.24	0.22	0.34	0.00	-0.3%
NC_555	15	4411	5.14	5.21	0.40	5.30	5.38	5.09	5.16	4.54	5.20	2.57	2.55	2.22	5.38	0.08	1.5%
NC_556	20	4435	0.38	0.38	0.07	0.40	0.33	0.35	0.28	0.40	0.37	0.25	0.24	0.21	0.40	0.00	0.5%
NC_557	20	4434	0.63	0.63	0.11	0.63	0.61	0.58	0.63	0.63	0.65	0.31	0.31	0.27	0.65	0.02	3.2%
NC_558	60	4573	20.30	20.58	1.27	20.89	11.29	13.84	13.70	13.31	19.21	21.22	18.75	17.19	21.22	0.33	1.6%
NC_559	15	4411	5.57	5.61	0.38	5.63	5.89	5.59	5.57	4.79	5.68	2.82	2.81	2.44	5.89	0.26	4.6%
NC_560	180	4659	4.92	5.02	0.38	5.02	1.50	1.94	1.93	1.92	3.18	4.14	5.02	5.38	5.38	0.36	7.3%
NC_561	15	4412	6.49	6.55	0.39	6.61	6.86	6.63	6.51	5.50	6.70	3.33	3.32	2.91	6.86	0.25	3.8%
NC_562	15	4410	1.14	1.14	0.11	1.14	1.14	1.03	1.17	1.03	1.13	0.49	0.48	0.42	1.17	0.03	3.0%
NC_563	15	4412	0.78	0.77	0.09	0.77	0.77	0.72	0.80	0.77	0.81	0.38	0.38	0.33	0.81	0.04	4.8%
NC_564	20	4435	0.93	0.90	0.12	0.91	0.93	0.89	0.85	0.91	0.91	0.51	0.51	0.44	0.93	0.02	1.8%
NC_565	15	4410	0.65	0.65	0.06	0.65	0.65	0.58	0.67	0.59	0.64	0.28	0.26	0.23	0.67	0.02	2.3%
NC_566	15	4410	0.71	0.71	0.07	0.71	0.71	0.64	0.73	0.66	0.71	0.31	0.30	0.26	0.73	0.02	2.5%
NC_567	15	4410	0.60	0.60	0.07	0.60	0.60	0.54	0.62	0.57	0.61	0.27	0.26	0.23	0.62	0.02	2.5%
NC_568	20	4435	0.42	0.41	0.08	0.44	0.38	0.38	0.36	0.44	0.42	0.25	0.24	0.21	0.44	0.00	0.5%
NC_569	20	4436	0.49	0.47	0.07	0.48	0.51	0.48	0.47	0.47	0.51	0.27	0.26	0.23	0.51	0.03	6.0%
NC_570	20	4435	0.45	0.44	0.08	0.47	0.41	0.40	0.40	0.47	0.45	0.26	0.26	0.22	0.47	0.00	0.9%
NC_571	180	4663	43.07	44.76	4.10	45.11	19.93	23.72	23.63	23.80	33.92	38.77	44.41	46.24	46.24	1.13	2.5%
NC_572	20	4435	0.71	0.70	0.10	0.72	0.66	0.68	0.58	0.72	0.71	0.47	0.46	0.41	0.72	0.00	-0.1%
NC_573	15	4415	7.25	7.28	0.29	7.32	7.57	7.69	7.32	6.01	7.63	3.85	3.85	3.38	7.69	0.37	5.1%
NC_574	180	4663	69.38	71.00	8.21	71.05	33.17	40.58	40.37	39.77	58.50	66.58	70.94	69.58	70.94	-0.11	-0.2%
NC_575	45	4539	8.79	8.48	1.05	8.48	6.24	7.50	7.03	7.04	8.48	7.01	6.46	5.76	8.48	-0.01	-0.1%
NC_576	20	4435	0.54	0.54	0.09	0.54	0.51	0.49	0.54	0.54	0.56	0.27	0.27	0.23	0.56	0.02	3.3%
NC_577	60	4475	21.47	21.39	1.40	21.50	11.29	13.40	13.32	13.26	19.82	22.53	19.75	18.75	22.53	1.03	4.8%
NC_578	20	4435	0.41	0.40	0.08	0.44	0.38	0.37	0.35	0.44	0.41	0.25	0.24	0.21	0.44	0.00	-0.7%
NC_579	45	4542	0.68	0.66	0.11	0.69	0.59	0.65	0.53	0.70	0.70	0.49	0.47	0.42	0.70	0.01	1.3%
NC_580	15	4411	0.72	0.74	0.06	0.74	0.74	0.64	0.74	0.65	0.70	0.30	0.28	0.24	0.74	0.00	0.5%
NC_581	20	4439	11.52	11.60	0.61	11.68	11.23	12.11	11.69	10.08	12.26	6.81	6.63	5.66	12.26	0.58	5.0%
NC_582	45	4536	0.32	0.31	0.05	0.32	0.25	0.30	0.25	0.32	0.32	0.24	0.23	0.20	0.32	0.00	-0.3%
NC_583	20	4435	0.69	0.69	0.12	0.69	0.65	0.63	0.69	0.69	0.71	0.35	0.35	0.30	0.71	0.02	2.8%
NC_584	20	4435	0.54	0.54	0.09	0.54	0.52	0.49	0.54	0.54	0.56	0.27	0.27	0.23	0.56	0.02	3.5%
NC_585	60	4573	20.23	20.48	1.24	20.79	11.16	13.71	13.58	13.21	19.13	21.16	18.90	17.17	21.16	0.37	1.8%
NC_586	20	4440	8.03	8.10	0.58	8.12	8.36	8.59	8.09	6.86	8.43	4.32	4.33	3.80	8.59	0.47	5.8%
NC_587	60	4475	28.34	28.33	1.43	28.45	15.85	19.34	19.22	18.81	27.28	29.15	27.08	24.25	29.15	0.70	2.5%
NC_588	10	4376	1.84	1.87	0.09	1.88	1.84	1.75	1.90	1.66	1.82	0.84	0.83	0.72	1.90	0.02	1.0%
NC_589	20	4435	0.74	0.73	0.11	0.76	0.67	0.71	0.57	0.76	0.76	0.51	0.49	0.44	0.76	0.00	0.0%
NC_590	20	4436	2.33	2.29	0.24	2.32	2.29	2.32	2.04	2.26	2.36	1.36	1.34	1.17	2.36	0.04	1.5%
NC_591	30	4509	11.74	11.89	0.82	12.06	10.60	11.74	11.43	10.18	12.24	7.28	6.93	5.88	12.24	0.17	1.5%
NC_592	20	4434	0.68	0.68	0.11	0.68	0.65	0.62	0.68	0.68	0.70	0.34	0.34	0.29	0.70	0.02	3.2%
NC_593	180	4663	69.43	71.05	8.18	71.09	33.15	40.55	40.34	39.74	58.48	66.57	71.01	69.65	71.01	-0.08	-0.1%
NC_594	20	4435	0.34	0.34	0.05	0.36	0.29	0.32	0.25	0.36	0.34	0.24	0.23	0.20	0.36	0.00	-0.8%
NC_595	45	4536	8.30	8.01	1.03	8.02	5.98	7.15	6.68	6.72	8.02	6.56	6.09	5.43	8.02	0.00	0.0%
NC_596	20	4435	1.13	1.10	0.18	1.11	1.12	1.06	1.09	1.11	1.14	0.62	0.61	0.53	1.14	0.03	2.9%
NC_597	15	4410	0.70	0.71	0.05	0.72	0.72	0.61	0.72	0.65	0.67	0.29	0.27	0.23	0.72	0.00	0.1%
NC_598	180	4659	126.42	127.39	10.88	129.46	51.26	63.84	63.61	63.21	98.79	119.01	129.46	124.43	129.46	0.00	0.0%
NC_599	10	4376	1.27	1.29	0.07	1.29	1.26	1.20	1.31	1.15	1.26	0.57	0.56	0.49	1.31	0.02	1.6%
NC_600	20	4440	8.93	8.97	0.55	9.02	9.05	9.51	8.90	7.77	9.33	4.85	4.86	4.26	9.51	0.49	5.5%
NC_601	180	4663	69.47	71.08	8.16	71.09	33.12	40.52	40.31	39.71	58.46	66.57	71.07	69.60	71.07	-0.02	0.0%
NC_602	20	4435	1.70	1.64	0.25	1.67	1.69	1.61	1.59	1.67	1.71	0.97	0.95	0.83	1.71	0.04	2.4%
NC_603	180	4663	75.15	76.86	7.88	77.00	33.72	41.13	40.99	40.42	61.45	72.51	76.72	77.68	77.68	0.68	0.9%
NC_604	180	4659	94.84	94.93	11.20	95.25	44.17	53.05	52.68	52.51	81.15	94.72	95.25	96.23	96.23	0.98	1.0%
NC_605	180	4659	131.01	132.06	11.01	134.24	52.55	65.54	65.30	64.90	101.63	122.78	134.24	128.91	134.24	0.00	0.0%
NC_606	180	4663	75.19	76.88	7.84	76.95	33.49	41.04	40.91	40.36	61.33	72.40	76.82	77.56	77.56	0.61	0.8%
NC_607	180	4663	75.16	76.89	7.90	77.08	34.08	41.20	41.05	40.48	61.54	72.59	76.70	77.84	77.84	0.75	1.0%
NC_608	20	4434	9.96	10.03	0.72	10.10	10.26	10.60	10.10	8.42	10.50	5.40	5.35	4.65	10.60	0.50	4.9%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_609	25	4447	8.82	8.73	0.57	8.80	8.31	9.12	8.86	7.81	9.27	5.27	5.12	4.44	9.27	0.47	5.4%
NC_610	180	4659	94.99	95.11	11.11	95.55	43.96	52.89	52.58	52.41	81.00	94.64	95.55	96.22	96.22	0.67	0.7%
NC_611	15	4410	1.04	1.04	0.11	1.04	1.04	0.95	1.07	0.96	1.04	0.46	0.45	0.39	1.07	0.03	3.3%
NC_612	20	4436	2.14	2.08	0.27	2.09	2.21	2.09	2.06	2.01	2.20	1.23	1.21	1.06	2.21	0.12	5.6%
NC_613	20	4434	1.22	1.19	0.18	1.21	1.20	1.15	1.21	1.18	1.23	0.64	0.63	0.55	1.23	0.02	1.2%
NC_614	45	4542	1.33	1.28	0.20	1.32	1.07	1.24	1.09	1.18	1.35	0.97	0.94	0.83	1.35	0.03	2.6%
NC_615	20	4435	0.45	0.44	0.08	0.47	0.41	0.41	0.38	0.47	0.45	0.26	0.26	0.23	0.47	0.00	-0.4%
NC_616	180	4663	71.74	73.54	8.12	73.86	33.41	40.88	40.69	40.10	59.86	68.94	73.23	73.09	73.23	-0.64	-0.9%
NC_617	20	4435	0.66	0.66	0.12	0.67	0.62	0.60	0.65	0.67	0.68	0.35	0.34	0.30	0.68	0.01	1.5%
NC_618	15	4410	0.59	0.59	0.07	0.59	0.59	0.53	0.61	0.56	0.60	0.26	0.26	0.23	0.61	0.02	2.5%
NC_619	180	4659	94.79	94.90	11.15	95.26	43.92	52.83	52.51	52.35	80.98	94.57	95.26	96.09	96.09	0.83	0.9%
NC_620	180	4659	126.29	127.30	11.01	129.36	51.29	63.87	63.64	63.25	98.83	119.02	129.36	124.46	129.36	0.00	0.0%
NC_621	180	4659	131.12	132.13	10.87	134.32	52.49	65.45	65.22	64.82	101.53	122.71	134.32	128.82	134.32	0.00	0.0%
NC_622	45	4541	0.57	0.54	0.08	0.54	0.38	0.48	0.44	0.48	0.53	0.46	0.43	0.39	0.53	-0.01	-2.6%
NC_623	180	4663	72.83	74.56	7.83	74.65	33.33	40.81	40.62	40.04	60.03	69.62	74.47	74.33	74.47	-0.18	-0.2%
NC_624	15	4410	0.72	0.72	0.07	0.73	0.73	0.64	0.74	0.64	0.71	0.31	0.29	0.25	0.74	0.01	1.1%
NC_625	30	4509	2.30	2.30	0.22	2.32	2.11	2.36	2.19	2.07	2.41	1.51	1.46	1.28	2.41	0.09	3.7%
NC_626	60	4475	28.43	28.43	1.46	28.55	15.98	19.48	19.36	18.93	27.41	29.21	26.94	24.28	29.21	0.66	2.3%
NC_627	45	4536	0.35	0.33	0.06	0.35	0.29	0.33	0.26	0.37	0.35	0.25	0.24	0.21	0.37	0.02	4.3%
NC_628	20	4435	0.35	0.35	0.06	0.37	0.31	0.33	0.26	0.37	0.35	0.24	0.23	0.20	0.37	0.00	1.1%
NC_629	180	4663	72.13	73.92	8.04	74.22	33.40	40.88	40.69	40.10	59.93	69.20	73.63	73.63	73.63	-0.59	-0.8%
NC_630	45	4536	1.08	1.04	0.16	1.06	0.79	0.96	0.85	0.94	1.06	0.81	0.77	0.69	1.06	0.00	0.0%
NC_631	15	4410	0.71	0.72	0.05	0.73	0.73	0.62	0.73	0.66	0.67	0.29	0.27	0.23	0.73	0.00	-0.5%
NC_632	15	4410	0.61	0.61	0.07	0.61	0.61	0.55	0.63	0.58	0.62	0.27	0.27	0.23	0.63	0.02	2.8%
NC_633	15	4410	0.65	0.65	0.07	0.65	0.65	0.58	0.67	0.60	0.65	0.28	0.27	0.23	0.67	0.02	2.5%
NC_634	30	4509	12.50	12.65	0.71	12.80	10.55	11.98	11.68	10.67	12.86	8.23	7.71	6.48	12.86	0.06	0.5%
NC_635	45	4478	17.30	17.05	1.04	17.19	13.47	15.65	15.29	14.41	17.58	16.81	13.49	14.74	17.58	0.39	2.3%
NC_636	20	4435	0.50	0.50	0.09	0.52	0.47	0.45	0.49	0.52	0.52	0.26	0.26	0.22	0.52	0.00	0.2%
NC_637	180	4662	20.41	20.36	2.55	20.65	11.01	13.56	13.45	13.11	19.24	21.34	20.07	17.47	21.34	0.69	3.4%
NC_638	15	4412	1.30	1.29	0.13	1.30	1.28	1.23	1.34	1.22	1.31	0.62	0.62	0.54	1.34	0.04	3.1%
NC_639	45	4539	6.76	6.52	0.85	6.53	4.86	5.83	5.46	5.46	6.50	5.32	4.96	4.45	6.50	-0.03	-0.4%
NC_640	60	4565	0.54	0.54	0.10	0.56	0.32	0.43	0.40	0.43	0.48	0.44	0.41	0.38	0.48	-0.08	-14.6%
NC_641	15	4410	0.69	0.70	0.06	0.70	0.70	0.60	0.71	0.63	0.67	0.29	0.27	0.23	0.71	0.01	1.3%
NC_642	45	4541	10.53	10.47	0.22	10.49	6.85	8.20	8.13	7.87	10.77	9.24	7.87	6.85	10.77	0.28	2.7%
NC_643	15	4409	0.67	0.69	0.06	0.69	0.69	0.59	0.69	0.61	0.66	0.28	0.26	0.23	0.69	0.00	0.4%
NC_644	20	4440	10.02	10.08	0.94	10.32	10.49	10.41	9.84	8.83	10.59	5.64	5.60	4.87	10.59	0.27	2.6%
NC_645	20	4435	0.54	0.54	0.10	0.56	0.50	0.48	0.52	0.56	0.56	0.29	0.29	0.25	0.56	0.00	-0.5%
NC_646	45	4536	0.32	0.31	0.05	0.32	0.25	0.30	0.25	0.32	0.32	0.24	0.23	0.20	0.32	0.00	-0.3%
NC_647	15	4410	0.66	0.66	0.07	0.66	0.66	0.59	0.68	0.61	0.66	0.29	0.28	0.24	0.68	0.02	2.9%
NC_648	20	4436	2.25	2.24	0.20	2.30	2.25	2.30	2.06	2.10	2.36	1.36	1.34	1.17	2.36	0.06	2.4%
NC_649	20	4436	1.48	1.46	0.16	1.47	1.45	1.47	1.28	1.44	1.50	0.89	0.87	0.76	1.50	0.03	2.3%
NC_650	180	4663	72.21	73.98	7.99	74.21	33.35	40.83	40.64	40.05	59.89	69.19	73.75	73.74	73.75	-0.46	-0.6%
NC_651	15	4412	0.86	0.85	0.10	0.86	0.85	0.79	0.88	0.83	0.88	0.40	0.40	0.34	0.88	0.02	2.8%
NC_652	180	4659	124.50	125.60	12.02	127.36	51.23	63.81	63.57	63.18	98.63	118.65	127.36	123.83	127.36	0.00	0.0%
NC_653	20	4435	1.00	0.98	0.16	1.00	0.99	0.93	0.97	1.00	1.01	0.54	0.53	0.47	1.01	0.01	1.1%
NC_654	20	4435	1.07	1.03	0.17	1.06	1.05	0.99	1.01	1.06	1.08	0.60	0.59	0.51	1.08	0.02	1.6%
NC_655	45	4542	1.01	0.96	0.16	1.01	0.90	0.99	0.81	0.97	1.07	0.72	0.70	0.62	1.07	0.05	5.4%
NC_656	20	4436	8.62	8.67	0.85	8.90	9.05	8.90	8.44	7.66	9.12	4.87	4.83	4.21	9.12	0.22	2.4%
NC_657	180	4663	72.73	74.48	7.89	74.64	33.37	40.86	40.68	40.09	60.07	69.61	74.33	74.26	74.33	-0.31	-0.4%
NC_658	180	4659	107.05	107.06	12.18	107.61	50.44	60.82	60.37	59.96	89.72	106.96	107.61	108.78	108.78	1.17	1.1%
NC_659	20	4435	0.95	0.92	0.15	0.95	0.93	0.88	0.88	0.95	0.95	0.54	0.53	0.46	0.95	0.00	0.4%
NC_660	180	4663	72.24	74.00	7.96	74.19	33.33	40.80	40.62	40.02	59.87	69.20	73.80	73.67	73.80	-0.39	-0.5%
NC_661	20	4434	1.16	1.14	0.16	1.14	1.17	1.11	1.14	1.13	1.17	0.60	0.59	0.52	1.17	0.03	2.5%
NC_662	45	4536	0.78	0.75	0.12	0.79	0.64	0.73	0.61	0.75	0.79	0.58	0.55	0.50	0.79	0.00	-0.1%
NC_663	20	4435	0.49	0.49	0.09	0.51	0.46	0.44	0.48	0.51	0.51	0.26	0.26	0.22	0.51	0.00	0.4%
NC_664	20	4436	1.50	1.44	0.20	1.45	1.52	1.45	1.40	1.43	1.53	0.86	0.85	0.74	1.53	0.08	5.5%
NC_665	20	4435	0.71	0.71	0.11	0.73	0.65	0.69	0.55	0.73	0.73	0.48	0.47	0.41	0.73	0.00	0.3%
NC_666	180	4659	124.52	125.62	12.08	127.38	51.30	63.89	63.66	63.26	98.74	118.74	127.38	123.89	127.38	0.00	0.0%
NC_667	20	4435	0.44	0.44	0.08	0.46	0.38	0.41	0.32	0.46	0.43	0.30	0.29	0.26	0.46	0.00	0.9%
NC_668	45	4536	0.36	0.34	0.06	0.36	0.31	0.34	0.27	0.38	0.36	0.26	0.25	0.22	0.38	0.02	5.3%
NC_669	20	4434	0.55	0.56	0.10	0.56	0.53	0.51	0.56	0.56	0.58	0.28	0.27	0.24	0.58	0.02	3.0%
NC_670	15	4410	0.67	0.67	0.07	0.67	0.67	0.61	0.69	0.63	0.68	0.30	0.29	0.25	0.69	0.02	2.8%
NC_671	20	4435	0.43	0.43	0.08	0.46	0.38	0.40	0.32	0.46	0.42	0.29	0.28	0.25	0.46	0.00	-0.7%
NC_672	20	4435	1.29	1.24	0.18	1.24	1.30	1.24	1.23	1.24	1.30	0.73	0.73	0.63	1.30	0.06	5.2%
NC_673	15	4410	0.74	0.74	0.07	0.75	0.75	0.67	0.76	0.68	0.74	0.32	0.31	0.27	0.76	0.01	1.7%
NC_674	20	4435	0.50	0.50	0.09	0.51	0.47	0.45	0.49	0.51	0.52	0.26	0.26	0.22	0.52	0.01	1.8%
NC_675	20	4436	1.79	1.74	0.21	1.79	1.83	1.79	1.67	1.67	1.87	1.08	1.06	0.93	1.87	0.08	4.2%
NC_676	20	4435	1.20	1.17	0.16	1.17	1.18	1.17	1.04	1.17	1.23	0.74	0.73	0.63	1.23	0.06	5.3%
NC_677	15	4410	0.73	0.73	0.08	0.73	0.73	0.67	0.75	0.70	0.75	0.33	0.33	0.29	0.75	0.02	3.2%
NC_678	30	4513	1.84	1.82	0.19	1.83	1.59	1.81	1.66	1.71	1.88	1.31	1.25	1.11	1.88	0.05	2.9%
NC_679	20	4436	2.90	2.82	0.34	2.89	2.97	2.89	2.70	2.68	3.03	1.73	1.70	1.48	3.03	0.14	4.8%
NC_680	20	4435	0.41	0.40	0.08	0.44	0.37	0.37	0.34	0.44	0.41	0.25	0.24	0.21	0.44	-0.01	-1.1%
NC_681	15	4414	6.09	6.14	0.39	6.14	6.48	6.24	5.99	5.39	6.41	3.39	3.37	2.93	6.48	0.34	5.5%
NC_682	20	4435	0.98	0.97	0.14	0.99	0.93	0.94	0.82	0.99	1.00	0.63	0.62	0.54	1.00	0.01	0.8%
NC_683	45	4536	0.33	0.32	0.05	0.33	0.26	0.31	0.25	0.33	0.33	0.24	0.23	0.21	0.33	0.00	0.6%
NC_684	20	4435	0.95	0.93	0.16	0.95	0.93	0.88	0.92	0.95	0.96	0.52	0.51	0.44	0.96	0.01	0.9%

ARR2019 Results for 5%AEP Event																	
Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_685	20	4435	0.40	0.39	0.07	0.42	0.37	0.37	0.32	0.42	0.39	0.25	0.24	0.21	0.42	0.00	-1.0%
NC_686	45	4540	9.99	9.91	0.33	9.91	7.01	8.29	8.18	7.87	10.13	8.45	7.30	6.37	10.13	0.22	2.3%
NC_687	20	4440	3.64	3.66	0.26	3.72	3.56	3.81	3.44	3.28	3.93	2.37	2.32	2.03	3.93	0.21	5.5%
NC_688	20	4435	1.36	1.33	0.22	1.34	1.33	1.27	1.31	1.34	1.39	0.73	0.72	0.63	1.39	0.05	3.7%
NC_689	20	4434	0.56	0.57	0.10	0.57	0.55	0.52	0.57	0.57	0.59	0.28	0.27	0.24	0.59	0.02	2.8%
NC_690	30	4513	1.59	1.56	0.11	1.58	1.25	1.46	1.39	1.48	1.53	1.14	1.08	0.95	1.53	-0.05	-3.1%
NC_691	20	4435	0.43	0.43	0.07	0.46	0.37	0.40	0.32	0.46	0.43	0.30	0.29	0.26	0.46	0.00	-0.9%
NC_692	20	4436	1.17	1.16	0.10	1.18	1.14	1.18	1.04	1.11	1.20	0.67	0.66	0.58	1.20	0.02	1.6%
NC_693	45	4478	2.17	2.11	0.22	2.12	1.85	2.05	1.89	1.99	2.14	1.62	1.51	1.34	2.14	0.02	1.1%
NC_694	20	4435	0.54	0.54	0.08	0.56	0.48	0.52	0.41	0.56	0.55	0.37	0.36	0.31	0.56	0.00	0.4%
NC_695	20	4436	1.30	1.28	0.14	1.29	1.27	1.29	1.12	1.28	1.31	0.78	0.77	0.67	1.31	0.02	1.7%
NC_696	180	4659	107.40	107.47	12.11	108.12	50.40	60.81	60.39	59.99	89.76	107.08	108.12	108.95	108.95	0.83	0.8%
NC_697	20	4435	0.94	0.91	0.13	0.92	0.93	0.89	0.89	0.92	0.93	0.52	0.51	0.44	0.93	0.01	1.3%
NC_698	45	4536	0.37	0.35	0.05	0.36	0.29	0.33	0.28	0.36	0.36	0.27	0.26	0.23	0.36	0.00	0.3%
NC_699	15	4410	0.64	0.64	0.07	0.64	0.64	0.57	0.66	0.59	0.64	0.28	0.27	0.23	0.66	0.02	2.3%
NC_700	180	4659	124.21	125.38	12.43	127.12	51.37	64.01	63.78	63.37	98.86	118.83	127.12	123.89	127.12	0.00	0.0%
NC_701	20	4440	10.00	10.01	0.69	10.12	9.94	10.53	9.83	8.73	10.78	6.21	6.08	5.28	10.78	0.66	6.5%
NC_702	15	4410	0.59	0.58	0.07	0.59	0.59	0.53	0.60	0.56	0.60	0.26	0.26	0.23	0.60	0.01	2.2%
NC_703	15	4410	0.61	0.61	0.07	0.61	0.61	0.55	0.63	0.58	0.62	0.27	0.27	0.23	0.63	0.02	3.3%
NC_704	45	4536	0.36	0.34	0.06	0.36	0.29	0.33	0.27	0.37	0.36	0.26	0.25	0.22	0.37	0.01	2.2%
NC_705	45	4536	0.45	0.42	0.07	0.44	0.37	0.41	0.34	0.46	0.44	0.33	0.31	0.28	0.46	0.02	3.6%
NC_706	15	4412	3.57	3.59	0.24	3.60	3.81	3.60	3.57	3.06	3.70	1.89	1.88	1.63	3.81	0.21	5.9%
NC_707	20	4434	1.13	1.11	0.17	1.12	1.11	1.06	1.12	1.10	1.14	0.58	0.58	0.50	1.14	0.02	1.7%
NC_708	20	4440	9.79	9.81	0.72	9.94	9.82	10.29	9.54	8.60	10.52	5.99	5.88	5.14	10.52	0.58	5.8%
NC_709	30	4509	7.23	7.29	0.35	7.33	5.59	6.54	6.39	6.08	7.43	5.39	4.91	4.11	7.43	0.10	1.4%
NC_710	30	4513	2.75	2.72	0.22	2.76	2.21	2.57	2.43	2.40	2.75	2.05	1.91	1.71	2.75	-0.01	-0.4%
NC_711	20	4435	0.41	0.40	0.07	0.43	0.37	0.37	0.34	0.43	0.40	0.25	0.24	0.21	0.43	0.00	0.2%
NC_712	20	4435	0.51	0.52	0.09	0.52	0.49	0.47	0.51	0.52	0.53	0.26	0.25	0.22	0.53	0.01	2.7%
NC_713	20	4435	0.78	0.77	0.12	0.80	0.72	0.75	0.60	0.80	0.80	0.53	0.51	0.45	0.80	-0.01	-0.6%
NC_714	180	4659	123.76	124.96	12.80	126.64	51.44	64.11	63.88	63.48	98.94	118.85	126.64	123.85	126.64	0.00	0.0%
NC_715	45	4542	1.12	1.06	0.17	1.11	1.01	1.10	0.90	1.07	1.18	0.80	0.77	0.68	1.18	0.06	5.9%
NC_716	45	4536	0.46	0.44	0.07	0.45	0.39	0.43	0.34	0.48	0.45	0.33	0.31	0.28	0.48	0.03	7.3%
NC_717	20	4435	0.82	0.80	0.13	0.83	0.79	0.77	0.71	0.83	0.82	0.50	0.49	0.42	0.83	0.00	0.1%
NC_718	45	4542	1.23	1.17	0.19	1.23	1.05	1.18	0.96	1.20	1.27	0.88	0.85	0.75	1.27	0.04	3.3%
NC_719	60	4573	2.43	2.42	0.15	2.43	1.59	1.85	1.84	1.81	2.43	2.36	2.01	1.85	2.43	0.00	-0.1%
NC_720	45	4542	2.08	1.98	0.32	2.07	1.82	2.03	1.72	1.93	2.18	1.49	1.45	1.29	2.18	0.11	5.2%
NC_721	20	4434	0.54	0.54	0.09	0.54	0.52	0.49	0.54	0.54	0.56	0.27	0.26	0.23	0.56	0.02	3.7%
NC_722	20	4435	0.92	0.89	0.15	0.93	0.89	0.85	0.85	0.93	0.92	0.53	0.52	0.46	0.93	0.00	-0.2%
NC_723	20	4435	0.80	0.78	0.11	0.79	0.78	0.76	0.76	0.79	0.80	0.49	0.48	0.42	0.80	0.01	1.1%
NC_724	20	4435	0.52	0.51	0.09	0.55	0.48	0.47	0.44	0.55	0.51	0.33	0.32	0.28	0.55	0.00	0.0%
NC_725	30	4509	7.40	7.46	0.42	7.50	5.93	6.86	6.66	6.29	7.54	5.32	4.86	4.14	7.54	0.04	0.5%
NC_726	45	4536	0.33	0.31	0.05	0.33	0.27	0.31	0.25	0.34	0.33	0.23	0.23	0.20	0.34	0.01	3.0%
NC_727	20	4435	0.46	0.46	0.09	0.48	0.43	0.41	0.44	0.48	0.48	0.25	0.25	0.22	0.48	0.00	0.4%
NC_728	20	4435	0.51	0.50	0.09	0.53	0.46	0.46	0.42	0.53	0.50	0.32	0.31	0.27	0.53	0.00	0.6%
NC_729	20	4440	8.63	8.65	0.76	8.86	8.81	9.00	8.28	7.72	9.23	5.14	5.07	4.45	9.23	0.37	4.1%
NC_730	180	4659	110.06	110.55	12.81	111.15	50.72	61.24	60.84	60.44	90.53	108.01	111.15	113.26	113.26	2.11	1.9%
NC_731	20	4435	0.52	0.52	0.09	0.52	0.49	0.47	0.52	0.52	0.54	0.26	0.26	0.22	0.54	0.02	3.5%
NC_732	180	4659	123.00	124.08	13.18	125.69	51.53	64.26	64.03	63.63	99.05	118.86	125.69	123.65	125.69	0.00	0.0%
NC_733	20	4435	0.87	0.86	0.11	0.87	0.84	0.84	0.74	0.87	0.87	0.53	0.52	0.45	0.87	0.00	0.0%
NC_734	20	4435	0.51	0.51	0.09	0.52	0.47	0.46	0.50	0.52	0.53	0.26	0.26	0.22	0.53	0.01	1.3%
NC_735	15	4410	0.58	0.58	0.07	0.58	0.58	0.54	0.60	0.56	0.60	0.27	0.26	0.23	0.60	0.02	3.3%
NC_736	15	4412	1.33	1.33	0.14	1.33	1.33	1.22	1.37	1.23	1.33	0.60	0.59	0.51	1.37	0.04	2.9%
NC_737	15	4411	3.06	3.10	0.24	3.15	3.22	3.03	3.09	2.74	3.16	1.61	1.59	1.38	3.22	0.06	2.1%
NC_738	45	4536	0.32	0.31	0.05	0.32	0.26	0.30	0.25	0.33	0.32	0.23	0.23	0.20	0.33	0.01	3.8%
NC_739	15	4412	0.69	0.68	0.08	0.68	0.68	0.63	0.71	0.67	0.71	0.33	0.32	0.28	0.71	0.03	4.4%
NC_740	45	4541	6.46	6.39	0.26	6.43	4.09	5.01	4.99	4.85	6.34	5.57	4.72	4.26	6.34	-0.09	-1.4%
NC_741	180	4659	123.06	124.18	13.05	125.78	51.42	64.09	63.86	63.45	98.86	118.67	125.78	123.51	125.78	0.00	0.0%
NC_742	20	4434	1.57	1.54	0.20	1.57	1.61	1.52	1.57	1.47	1.59	0.80	0.79	0.68	1.61	0.04	2.4%
NC_743	20	4435	0.45	0.44	0.08	0.47	0.41	0.40	0.38	0.47	0.45	0.27	0.26	0.23	0.47	0.00	0.9%
NC_744	45	4542	5.17	5.01	0.70	5.15	4.27	4.86	4.41	4.48	5.29	3.91	3.66	3.33	5.29	0.14	2.7%
NC_745	20	4436	6.83	6.85	0.66	7.06	6.98	7.06	6.48	6.15	7.29	4.05	4.00	3.51	7.29	0.23	3.2%
NC_746	15	4412	0.54	0.53	0.07	0.53	0.52	0.49	0.55	0.54	0.56	0.26	0.26	0.22	0.56	0.03	5.3%
NC_747	20	4435	0.98	0.96	0.14	0.96	0.98	0.92	0.95	0.96	0.98	0.53	0.52	0.45	0.98	0.02	2.5%
NC_748	20	4435	0.46	0.45	0.09	0.48	0.42	0.40	0.42	0.48	0.47	0.26	0.25	0.22	0.48	0.00	-0.4%
NC_749	30	4509	5.32	5.36	0.44	5.37	4.75	5.29	5.04	4.72	5.53	3.51	3.31	2.88	5.53	0.16	2.9%
NC_750	180	4659	121.56	121.49	14.33	122.50	57.68	70.08	69.62	69.17	101.21	120.74	122.50	124.27	124.27	1.77	1.4%
NC_751	15	4410	0.56	0.55	0.07	0.55	0.55	0.51	0.57	0.55	0.58	0.26	0.26	0.22	0.58	0.03	4.7%
NC_752	20	4434	1.10	1.09	0.16	1.13	1.08	1.05	1.13	1.06	1.12	0.54	0.53	0.46	1.13	0.00	-0.4%
NC_753	20	4435	0.71	0.71	0.12	0.71	0.68	0.65	0.71	0.71	0.73	0.36	0.36	0.31	0.73	0.02	3.2%
NC_754	60	4565	0.73	0.74	0.12	0.76	0.46	0.57	0.54	0.59	0.63	0.61	0.56	0.52	0.63	-0.13	-17.4%
NC_755	20	4435	0.77	0.75	0.11	0.78	0.72	0.72	0.69	0.78	0.75	0.51	0.49	0.43	0.78	0.00	-0.5%
NC_756	180	4659	121.56	121.43	14.39	122.41	57.95	70.35	69.87	69.39	101.27	120.88	122.41	124.49	124.49	2.08	1.7%
NC_757	20	4435	0.40	0.39	0.07	0.42	0.36	0.36	0.32	0.42	0.39	0.24	0.24	0.21	0.42	0.00	0.0%
NC_758	20	4435	0.45	0.45	0.09	0.48	0.42	0.40	0.43	0.48	0.47	0.25	0.25	0.22	0.48	0.00	-0.8%
NC_759	15	4410	0.65	0.65	0.07	0.65	0.65	0.60	0.67	0.63	0.67	0.30	0.29	0.25	0.67	0.02	3.4%
NC_760	15	4410	2.66	2.66	0.25	2.69	2.69	2.56	2.69	2.47	2.71	1.36	1.34	1.16	2.71	0.02	0.9%

Catchment Simulation Solutions

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_761	20	4435	0.34	0.34	0.06	0.36	0.29	0.32	0.26	0.36	0.34	0.24	0.23	0.20	0.36	0.00	0.3%
NC_762	20	4436	0.87	0.86	0.09	0.87	0.83	0.87	0.74	0.85	0.90	0.54	0.53	0.46	0.90	0.03	3.0%
NC_763	45	4542	1.33	1.27	0.20	1.32	1.12	1.27	1.08	1.23	1.38	0.95	0.92	0.82	1.38	0.05	4.2%
NC_764	20	4435	0.36	0.36	0.06	0.38	0.31	0.33	0.26	0.38	0.35	0.24	0.24	0.21	0.38	0.00	0.8%
NC_765	30	4509	1.21	1.21	0.13	1.23	1.08	1.25	1.15	1.10	1.27	0.78	0.77	0.67	1.27	0.04	3.5%
NC_766	15	4410	1.41	1.40	0.14	1.41	1.41	1.35	1.45	1.33	1.42	0.70	0.69	0.60	1.45	0.04	2.6%
NC_767	60	4572	10.75	10.87	0.64	11.02	5.39	6.81	6.75	6.69	10.05	10.75	9.50	7.94	10.75	-0.27	-2.5%
NC_768	15	4410	0.58	0.58	0.07	0.58	0.58	0.53	0.60	0.56	0.60	0.26	0.26	0.23	0.60	0.02	2.9%
NC_769	45	4542	4.86	4.78	0.38	4.83	3.70	4.37	4.23	3.98	4.96	3.97	3.52	3.05	4.96	0.13	2.6%
NC_770	180	4659	121.52	121.49	14.30	122.53	57.45	69.83	69.40	68.97	101.14	120.61	122.53	124.22	124.22	1.69	1.4%
NC_771	15	4412	0.81	0.80	0.09	0.80	0.80	0.74	0.83	0.78	0.83	0.38	0.38	0.33	0.83	0.03	3.4%
NC_772	20	4435	0.52	0.52	0.09	0.53	0.50	0.47	0.52	0.53	0.54	0.26	0.26	0.22	0.54	0.01	2.3%
NC_773	20	4435	0.42	0.41	0.08	0.44	0.38	0.38	0.36	0.44	0.42	0.25	0.24	0.21	0.44	0.00	0.9%
NC_774	15	4410	2.75	2.75	0.27	2.78	2.78	2.65	2.76	2.57	2.79	1.40	1.38	1.20	2.79	0.01	0.4%
NC_775	15	4412	0.82	0.81	0.09	0.81	0.80	0.76	0.84	0.81	0.85	0.41	0.40	0.35	0.85	0.04	4.6%
NC_776	45	4536	0.62	0.60	0.10	0.63	0.52	0.58	0.48	0.61	0.63	0.46	0.44	0.40	0.63	0.00	-0.6%
NC_777	30	4509	4.63	4.65	0.38	4.69	3.90	4.44	4.24	3.92	4.80	3.54	3.22	2.82	4.80	0.11	2.3%
NC_778	15	4412	0.54	0.53	0.07	0.53	0.53	0.50	0.55	0.54	0.56	0.26	0.26	0.22	0.56	0.03	6.2%
NC_779	30	4513	5.28	5.27	0.46	5.30	4.56	5.14	4.81	4.68	5.42	4.20	3.69	3.51	5.42	0.12	2.2%
NC_780	45	4478	3.43	3.36	0.33	3.41	2.87	3.22	3.06	2.91	3.45	2.90	2.50	2.37	3.45	0.04	1.3%
NC_781	45	4478	0.69	0.66	0.10	0.66	0.49	0.60	0.53	0.61	0.66	0.53	0.50	0.45	0.66	0.00	-0.2%
NC_782	15	4410	0.84	0.84	0.09	0.84	0.84	0.77	0.87	0.79	0.85	0.37	0.37	0.32	0.87	0.03	3.0%
NC_783	20	4435	0.78	0.77	0.12	0.79	0.72	0.74	0.61	0.79	0.78	0.50	0.49	0.43	0.79	0.00	0.1%
NC_784	20	4434	3.02	3.00	0.37	3.01	3.15	2.98	3.01	2.76	3.15	1.63	1.60	1.40	3.15	0.14	4.8%
NC_785	45	4542	2.19	2.11	0.32	2.20	1.83	2.07	1.77	2.00	2.24	1.61	1.55	1.38	2.24	0.03	1.6%
NC_786	15	4410	0.61	0.60	0.07	0.60	0.60	0.55	0.62	0.59	0.62	0.28	0.27	0.24	0.62	0.02	3.7%
NC_787	30	4509	4.66	4.66	0.52	4.68	4.32	4.72	4.42	4.07	4.95	3.39	3.18	2.80	4.95	0.27	5.7%
NC_788	45	4536	0.37	0.35	0.06	0.36	0.30	0.34	0.28	0.38	0.36	0.26	0.25	0.23	0.38	0.02	5.3%
NC_789	60	4572	10.81	10.97	0.67	11.13	5.46	6.88	6.82	6.75	10.11	10.77	9.38	7.95	10.77	-0.36	-3.2%
NC_790	20	4435	0.63	0.63	0.11	0.63	0.61	0.59	0.62	0.63	0.65	0.32	0.32	0.27	0.65	0.02	3.2%
NC_791	20	4434	1.08	1.06	0.16	1.09	1.07	1.03	1.09	1.03	1.09	0.54	0.53	0.46	1.09	0.00	0.1%
NC_792	20	4436	3.42	3.36	0.42	3.39	3.55	3.39	3.34	3.17	3.56	1.90	1.87	1.64	3.56	0.17	4.9%
NC_793	15	4410	1.79	1.80	0.17	1.84	1.84	1.74	1.79	1.65	1.81	0.91	0.90	0.78	1.84	0.00	0.1%
NC_794	20	4436	4.13	4.09	0.45	4.22	4.29	4.22	3.97	3.74	4.40	2.40	2.37	2.08	4.40	0.18	4.2%
NC_795	15	4409	0.68	0.69	0.06	0.69	0.69	0.61	0.70	0.61	0.67	0.29	0.27	0.24	0.70	0.01	1.7%
NC_796	45	4541	0.73	0.69	0.10	0.69	0.50	0.62	0.57	0.61	0.67	0.59	0.54	0.50	0.67	-0.02	-2.3%
NC_797	20	4436	3.66	3.62	0.38	3.72	3.80	3.72	3.49	3.35	3.89	2.38	2.30	2.05	3.89	0.17	4.5%
NC_798	20	4435	0.48	0.48	0.09	0.51	0.43	0.44	0.38	0.51	0.47	0.32	0.31	0.27	0.51	0.00	0.0%
NC_799	20	4434	0.53	0.53	0.09	0.53	0.51	0.48	0.53	0.53	0.55	0.26	0.26	0.22	0.55	0.02	3.8%
NC_800	20	4435	0.40	0.40	0.07	0.43	0.36	0.38	0.30	0.43	0.40	0.26	0.25	0.22	0.43	0.00	-0.7%
NC_801	45	4536	0.35	0.34	0.06	0.35	0.29	0.33	0.27	0.36	0.35	0.26	0.25	0.22	0.36	0.01	4.0%
NC_802	20	4436	1.36	1.32	0.16	1.35	1.40	1.35	1.25	1.28	1.39	0.76	0.76	0.66	1.40	0.05	3.4%
NC_803	60	4565	1.90	1.92	0.22	1.97	1.55	1.68	1.51	1.64	1.76	1.69	1.43	1.42	1.76	-0.21	-10.5%
NC_804	20	4434	1.32	1.30	0.18	1.35	1.31	1.26	1.35	1.26	1.34	0.65	0.64	0.56	1.35	0.00	-0.2%
NC_805	20	4434	2.68	2.63	0.37	2.69	2.68	2.56	2.69	2.53	2.76	1.38	1.36	1.18	2.76	0.07	2.7%
NC_806	20	4434	0.65	0.65	0.11	0.66	0.63	0.60	0.66	0.65	0.67	0.32	0.32	0.28	0.67	0.01	1.8%
NC_807	15	4410	0.63	0.63	0.07	0.63	0.63	0.57	0.65	0.61	0.65	0.29	0.29	0.25	0.65	0.02	2.5%
NC_808	45	4536	0.32	0.30	0.05	0.32	0.25	0.29	0.24	0.32	0.32	0.23	0.22	0.20	0.32	0.00	0.3%
NC_809	20	4434	1.01	0.99	0.15	1.00	1.02	0.96	1.00	0.98	1.02	0.52	0.52	0.45	1.02	0.02	1.7%
NC_810	20	4435	0.38	0.38	0.06	0.40	0.34	0.36	0.28	0.40	0.39	0.25	0.25	0.22	0.40	0.00	-0.5%
NC_811	20	4435	0.41	0.41	0.07	0.44	0.37	0.38	0.32	0.44	0.40	0.27	0.26	0.23	0.44	0.00	0.2%
NC_812	15	4410	0.66	0.66	0.08	0.66	0.66	0.61	0.68	0.64	0.68	0.31	0.30	0.26	0.68	0.02	3.3%
NC_813	20	4434	0.54	0.54	0.09	0.55	0.53	0.49	0.55	0.54	0.56	0.26	0.26	0.23	0.56	0.01	2.2%
NC_814	20	4436	2.75	2.69	0.30	2.76	2.80	2.76	2.56	2.56	2.91	1.86	1.78	1.59	2.91	0.15	5.5%
NC_815	60	4572	10.81	11.03	0.74	11.20	5.49	6.93	6.86	6.80	10.13	10.73	9.13	7.94	10.73	-0.47	-4.2%
NC_816	20	4435	0.52	0.53	0.09	0.53	0.50	0.48	0.52	0.53	0.54	0.26	0.26	0.22	0.54	0.01	2.5%
NC_817	15	4410	0.65	0.65	0.07	0.65	0.65	0.59	0.67	0.62	0.66	0.29	0.29	0.25	0.67	0.02	2.9%
NC_818	15	4410	0.61	0.60	0.07	0.60	0.60	0.55	0.62	0.58	0.62	0.27	0.27	0.24	0.62	0.02	3.8%
NC_819	15	4410	0.67	0.67	0.07	0.67	0.67	0.60	0.69	0.62	0.67	0.29	0.28	0.24	0.69	0.02	2.8%
NC_820	15	4410	0.57	0.57	0.07	0.57	0.57	0.52	0.59	0.56	0.59	0.27	0.26	0.23	0.59	0.02	3.3%
NC_821	20	4434	0.62	0.62	0.10	0.63	0.60	0.57	0.63	0.62	0.64	0.30	0.30	0.26	0.64	0.01	1.7%
NC_822	15	4410	0.63	0.63	0.07	0.63	0.63	0.58	0.65	0.60	0.65	0.28	0.28	0.24	0.65	0.02	3.2%
NC_823	20	4435	0.38	0.37	0.07	0.40	0.33	0.35	0.28	0.40	0.37	0.25	0.24	0.21	0.40	0.00	0.0%
NC_824	20	4436	2.41	2.33	0.30	2.35	2.40	2.35	2.21	2.32	2.48	1.62	1.55	1.39	2.48	0.13	5.4%
NC_825	45	4536	0.50	0.48	0.08	0.50	0.43	0.47	0.38	0.53	0.50	0.36	0.35	0.31	0.53	0.03	5.4%
NC_826	20	4434	0.55	0.56	0.10	0.56	0.54	0.51	0.56	0.56	0.58	0.27	0.27	0.24	0.58	0.02	3.0%
NC_827	60	4565	10.65	10.94	0.84	11.10	5.49	6.91	6.84	6.77	10.02	10.49	8.71	7.78	10.49	-0.61	-5.5%
NC_828	20	4435	0.79	0.78	0.11	0.80	0.75	0.76	0.67	0.80	0.79	0.50	0.49	0.43	0.80	0.00	-0.3%
NC_829	60	4565	1.60	1.64	0.19	1.66	1.14	1.29	1.23	1.28	1.44	1.45	1.20	1.18	1.45	-0.21	-12.5%
NC_830	20	4435	1.52	1.49	0.20	1.52	1.44	1.47	1.28	1.52	1.55	1.10	1.05	0.95	1.55	0.03	2.2%
NC_831	20	4435	0.53	0.53	0.09	0.53	0.51	0.48	0.53	0.53	0.55	0.26	0.26	0.22	0.55	0.02	3.6%
NC_832	60	4565	1.45	1.47	0.20	1.53	1.01	1.19	1.13	1.18	1.29	1.24	1.10	1.04	1.29	-0.24	-15.8%
NC_833	20	4435	0.46	0.46	0.09	0.48	0.43	0.41	0.43	0.48	0.47	0.26	0.25	0.22	0.48	0.00	0.8%
NC_834	60	4565	10.71	11.03	0.91	11.12	5.58	7.00	6.92	6.85	10.10	10.53	8.59	7.84	10.53	-0.59	-5.3%
NC_835	45	4536	0.68	0.65	0.09	0.65	0.56	0.61	0.51	0.66	0.65	0.53	0.50	0.46	0.66	0.01	1.5%
NC_836	20	4435	0.42	0.41	0.06	0.42	0.40	0.40	0.35	0.42	0.42	0.26	0.25	0.22	0.42	0.00	0.7%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_837	20	4435	0.34	0.34	0.06	0.36	0.29	0.32	0.26	0.36	0.34	0.24	0.23	0.20	0.36	0.00	0.0%
NC_838	20	4435	0.39	0.38	0.06	0.39	0.37	0.38	0.32	0.39	0.40	0.25	0.25	0.22	0.40	0.01	2.3%
NC_839	60	4565	10.08	10.39	0.89	10.48	5.26	6.60	6.53	6.46	9.57	9.87	8.02	7.37	9.87	-0.61	-5.8%
NC_840	45	4478	1.26	1.21	0.17	1.21	0.91	1.10	1.01	1.05	1.20	0.99	0.93	0.85	1.20	-0.01	-0.9%
NC_841	20	4435	0.45	0.44	0.08	0.47	0.40	0.41	0.35	0.47	0.43	0.29	0.28	0.25	0.47	0.00	0.6%
NC_842	60	4565	1.38	1.39	0.19	1.44	0.90	1.07	1.02	1.02	1.20	1.22	1.05	1.01	1.22	-0.22	-15.1%
NC_843	45	4536	0.65	0.62	0.09	0.65	0.54	0.61	0.52	0.63	0.65	0.48	0.46	0.41	0.65	0.00	-0.6%
NC_844	20	4435	0.56	0.56	0.10	0.58	0.53	0.51	0.55	0.58	0.58	0.30	0.29	0.25	0.58	0.00	0.5%
NC_845	60	4565	10.07	10.38	0.91	10.42	5.28	6.59	6.52	6.45	9.59	9.85	7.91	7.39	9.85	-0.57	-5.4%
NC_846	20	4436	1.93	1.91	0.18	1.95	1.88	1.95	1.69	1.83	2.02	1.29	1.25	1.11	2.02	0.07	3.6%
NC_847	30	4513	2.53	2.53	0.17	2.55	2.01	2.35	2.27	2.16	2.52	1.90	1.75	1.57	2.52	-0.03	-1.0%
NC_848	20	4435	0.42	0.41	0.07	0.44	0.37	0.38	0.32	0.44	0.40	0.27	0.26	0.23	0.44	0.00	0.7%
NC_849	45	4536	0.33	0.32	0.05	0.33	0.28	0.31	0.25	0.35	0.33	0.24	0.23	0.20	0.35	0.02	6.1%
NC_850	45	4541	1.66	1.62	0.16	1.63	1.38	1.53	1.40	1.51	1.59	1.47	1.23	1.22	1.59	-0.04	-2.2%
NC_851	60	4565	8.20	8.45	0.74	8.58	4.27	5.43	5.38	5.36	7.85	7.85	6.43	5.81	7.85	-0.73	-8.5%
NC_852	60	4565	0.59	0.59	0.10	0.61	0.36	0.47	0.44	0.48	0.52	0.48	0.45	0.41	0.52	-0.09	-15.2%
NC_853	15	4412	0.58	0.57	0.07	0.57	0.57	0.53	0.59	0.57	0.60	0.28	0.27	0.24	0.60	0.03	4.7%
NC_854	30	4509	2.01	2.01	0.19	2.01	1.75	2.00	1.86	1.79	2.07	1.45	1.38	1.24	2.07	0.06	2.9%
NC_855	20	4435	0.83	0.82	0.14	0.84	0.78	0.74	0.80	0.84	0.84	0.49	0.48	0.42	0.84	0.00	0.4%
NC_856	45	4536	0.67	0.65	0.09	0.65	0.52	0.61	0.53	0.63	0.65	0.52	0.49	0.45	0.65	0.00	0.0%
NC_857	15	4412	0.59	0.58	0.07	0.58	0.58	0.54	0.60	0.58	0.61	0.27	0.27	0.24	0.61	0.03	4.7%
NC_858	45	4539	1.40	1.36	0.15	1.37	1.24	1.30	1.14	1.32	1.35	1.18	1.03	0.99	1.35	-0.02	-1.3%
NC_859	20	4435	0.36	0.36	0.07	0.39	0.32	0.34	0.26	0.39	0.35	0.24	0.23	0.21	0.39	-0.01	-1.3%
NC_860	60	4572	6.27	6.34	0.54	6.48	3.37	4.25	4.21	4.17	6.13	5.93	4.96	4.32	6.13	-0.36	-5.5%
NC_861	15	4412	0.57	0.56	0.07	0.56	0.56	0.52	0.58	0.56	0.58	0.26	0.26	0.23	0.58	0.02	4.3%
NC_862	45	4478	1.07	1.04	0.12	1.04	0.87	0.94	0.83	0.99	0.99	0.88	0.80	0.75	0.99	-0.05	-4.7%
NC_863	60	4573	5.85	5.94	0.53	6.09	3.29	4.13	4.09	4.04	5.75	5.41	4.54	3.98	5.75	-0.34	-5.6%
NC_864	20	4434	0.56	0.56	0.10	0.56	0.54	0.51	0.57	0.56	0.58	0.28	0.27	0.24	0.58	0.02	3.9%
NC_865	45	4536	0.64	0.62	0.09	0.65	0.54	0.61	0.52	0.62	0.65	0.48	0.46	0.41	0.65	0.00	-0.6%
NC_866	20	4435	0.40	0.40	0.07	0.43	0.36	0.36	0.33	0.43	0.40	0.25	0.24	0.21	0.43	0.00	-0.9%
NC_867	20	4435	0.85	0.84	0.10	0.85	0.80	0.84	0.70	0.85	0.87	0.55	0.54	0.47	0.87	0.02	2.2%
NC_868	45	4541	3.57	3.51	0.19	3.53	2.18	2.71	2.68	2.65	3.43	3.03	2.60	2.29	3.43	-0.10	-2.8%
NC_869	60	4573	2.35	2.40	0.23	2.47	1.33	1.68	1.65	1.62	2.28	2.18	1.82	1.60	2.28	-0.19	-7.7%
NC_870	60	4573	2.42	2.44	0.22	2.51	1.30	1.65	1.63	1.60	2.36	2.29	1.93	1.67	2.36	-0.15	-6.1%
NC_871	45	4536	0.61	0.58	0.08	0.60	0.50	0.56	0.48	0.59	0.60	0.46	0.44	0.39	0.60	0.00	-0.2%
NC_872	45	4541	2.53	2.49	0.13	2.50	1.69	2.05	2.03	1.97	2.47	2.06	1.79	1.58	2.47	-0.03	-1.1%
NC_873	45	4478	1.06	1.01	0.13	1.02	0.84	0.99	0.90	0.96	1.04	0.81	0.76	0.69	1.04	0.02	1.8%
NC_874	20	4435	0.44	0.44	0.08	0.47	0.41	0.40	0.40	0.47	0.45	0.25	0.25	0.22	0.47	0.00	-0.4%
NC_875	60	4568	2.25	2.32	0.25	2.36	1.37	1.72	1.68	1.65	2.14	2.02	1.71	1.53	2.14	-0.22	-9.2%
NC_876	30	4509	2.11	2.13	0.09	2.14	1.60	1.88	1.84	1.75	2.12	1.59	1.43	1.24	2.12	-0.02	-1.2%
NC_877	45	4539	2.17	2.11	0.19	2.13	1.43	1.77	1.71	1.67	2.06	1.86	1.62	1.48	2.06	-0.07	-3.5%
NC_878	20	4435	0.81	0.80	0.11	0.82	0.77	0.78	0.69	0.82	0.81	0.53	0.51	0.45	0.82	0.00	0.0%
NC_879	30	4513	2.05	2.06	0.15	2.06	1.72	1.96	1.90	1.78	2.09	1.41	1.32	1.16	2.09	0.03	1.6%
NC_880	60	4565	0.76	0.76	0.12	0.79	0.39	0.53	0.52	0.53	0.64	0.67	0.59	0.56	0.67	-0.12	-15.1%
NC_881	15	4410	0.61	0.61	0.07	0.61	0.61	0.56	0.63	0.59	0.63	0.28	0.28	0.24	0.63	0.02	2.6%
NC_882	20	4435	0.46	0.46	0.08	0.49	0.41	0.43	0.34	0.49	0.46	0.32	0.31	0.28	0.49	0.00	0.6%
NC_883	45	4478	2.10	2.02	0.24	2.03	1.53	1.84	1.75	1.73	2.01	1.67	1.53	1.41	2.01	-0.02	-1.0%
NC_884	20	4435	0.53	0.53	0.10	0.54	0.50	0.48	0.53	0.54	0.55	0.27	0.27	0.24	0.55	0.01	2.0%
NC_885	15	4410	0.57	0.56	0.07	0.56	0.57	0.52	0.58	0.56	0.59	0.26	0.26	0.23	0.59	0.03	4.8%
NC_886	20	4436	1.66	1.64	0.16	1.67	1.66	1.67	1.48	1.58	1.71	0.99	0.98	0.86	1.71	0.04	2.2%
NC_887	20	4435	0.89	0.87	0.12	0.88	0.88	0.85	0.83	0.88	0.88	0.51	0.50	0.44	0.88	0.00	0.3%
NC_888	20	4435	0.53	0.53	0.10	0.54	0.50	0.48	0.52	0.54	0.55	0.27	0.27	0.23	0.55	0.01	1.9%
NC_889	45	4536	0.33	0.32	0.05	0.33	0.28	0.31	0.25	0.35	0.33	0.24	0.23	0.20	0.35	0.02	5.5%
NC_890	45	4541	0.96	0.90	0.14	0.91	0.65	0.81	0.74	0.80	0.88	0.77	0.72	0.66	0.88	-0.03	-3.5%
NC_891	20	4435	0.35	0.35	0.06	0.37	0.30	0.32	0.26	0.37	0.34	0.24	0.23	0.21	0.37	0.00	-0.3%
NC_892	20	4435	0.38	0.38	0.07	0.40	0.34	0.35	0.28	0.40	0.37	0.25	0.24	0.21	0.40	0.00	1.0%
NC_893	45	4536	0.44	0.42	0.07	0.44	0.37	0.41	0.34	0.46	0.44	0.32	0.31	0.28	0.46	0.02	3.6%
NC_894	20	4435	0.48	0.48	0.09	0.51	0.43	0.45	0.37	0.51	0.47	0.33	0.32	0.28	0.51	0.00	0.8%
NC_895	45	4536	0.33	0.31	0.05	0.33	0.27	0.30	0.25	0.34	0.33	0.23	0.23	0.20	0.34	0.01	2.4%
NC_896	45	4536	0.33	0.31	0.05	0.33	0.26	0.30	0.25	0.33	0.33	0.24	0.23	0.21	0.33	0.00	-0.9%
NC_897	20	4435	0.34	0.34	0.05	0.36	0.29	0.32	0.26	0.36	0.34	0.24	0.23	0.21	0.36	0.00	-0.3%
NC_898	45	4541	1.12	1.06	0.16	1.06	0.68	0.89	0.84	0.87	1.02	0.89	0.83	0.76	1.02	-0.04	-3.8%
NC_899	45	4536	0.38	0.36	0.06	0.38	0.30	0.35	0.29	0.38	0.38	0.29	0.27	0.24	0.38	0.00	-0.8%
NC_900	45	4541	0.68	0.64	0.10	0.65	0.49	0.59	0.53	0.61	0.64	0.55	0.51	0.47	0.64	-0.01	-1.8%
NC_901	20	4435	0.41	0.41	0.07	0.44	0.37	0.38	0.32	0.44	0.40	0.26	0.26	0.23	0.44	0.00	-0.2%
NC_902	45	4536	0.66	0.64	0.09	0.67	0.58	0.63	0.53	0.66	0.67	0.49	0.47	0.42	0.67	0.00	-0.1%
NC_903	45	4541	1.44	1.35	0.21	1.36	1.04	1.23	1.12	1.22	1.33	1.14	1.08	0.98	1.33	-0.03	-2.0%
NC_904	15	4412	0.56	0.55	0.07	0.55	0.55	0.51	0.57	0.55	0.58	0.26	0.26	0.22	0.58	0.03	4.7%
NC_905	60	4565	1.46	1.49	0.22	1.54	0.96	1.19	1.14	1.13	1.34	1.22	1.10	1.02	1.34	-0.20	-13.2%
NC_906	45	4536	0.36	0.34	0.05	0.36	0.29	0.33	0.28	0.36	0.36	0.27	0.26	0.23	0.36	0.00	0.0%
NC_907	20	4435	1.04	1.01	0.14	1.04	1.01	0.99	0.93	1.04	1.02	0.61	0.60	0.52	1.04	0.00	-0.4%
NC_908	60	4568	1.86	1.88	0.16	1.92	0.84	1.10	1.09	1.10	1.71	1.95	1.49	1.60	1.95	0.03	1.7%
NC_909	20	4435	0.42	0.41	0.08	0.45	0.38	0.38	0.36	0.45	0.42	0.25	0.25	0.22	0.45	-0.01	-1.1%
NC_910	45	4536	0.32	0.31	0.05	0.32	0.26	0.30	0.25	0.33	0.32	0.23	0.22	0.20	0.33	0.01	3.1%
NC_911	20	4435	0.30	0.30	0.06	0.32	0.28	0.26	0.28	0.32	0.31	0.16	0.16	0.14	0.32	0.00	-0.3%
NC_912	20	4435	0.51	0.51	0.09	0.52	0.48	0.46	0.50	0.52	0.53	0.26	0.25	0.22	0.53	0.01	1.3%

ARR2019 Results for 5%AEP Event																	
Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_913	20	4436	2.00	1.95	0.24	1.98	2.08	1.98	1.92	1.84	2.08	1.15	1.14	0.99	2.08	0.10	5.1%
NC_914	20	4435	1.70	1.65	0.22	1.65	1.70	1.64	1.57	1.65	1.69	0.98	0.96	0.84	1.70	0.05	2.9%
NC_915	20	4435	1.57	1.50	0.22	1.50	1.59	1.50	1.49	1.50	1.60	0.89	0.88	0.77	1.60	0.10	6.9%
NC_916	15	4412	0.61	0.60	0.07	0.60	0.60	0.55	0.62	0.59	0.62	0.28	0.28	0.24	0.62	0.02	4.0%
NC_917	60	4565	0.85	0.87	0.15	0.90	0.50	0.66	0.63	0.65	0.76	0.70	0.65	0.59	0.76	-0.14	-15.3%
NC_918	20	4435	0.35	0.35	0.06	0.37	0.30	0.33	0.26	0.37	0.35	0.24	0.23	0.21	0.37	0.00	0.8%
NC_919	45	4536	1.20	1.17	0.16	1.18	1.01	1.11	0.97	1.12	1.18	0.94	0.88	0.81	1.18	0.00	-0.3%
NC_920	20	4436	2.27	2.24	0.23	2.29	2.31	2.29	2.11	2.11	2.41	1.56	1.50	1.35	2.41	0.12	5.0%
NC_921	20	4434	0.57	0.58	0.10	0.58	0.56	0.53	0.58	0.57	0.60	0.28	0.28	0.24	0.60	0.02	2.6%
NC_922	45	4536	0.32	0.30	0.05	0.32	0.25	0.29	0.24	0.32	0.32	0.23	0.22	0.20	0.32	0.00	0.3%
NC_923	60	4565	0.54	0.55	0.10	0.56	0.33	0.44	0.41	0.44	0.48	0.44	0.41	0.38	0.48	-0.08	-13.8%
NC_924	45	4536	0.32	0.31	0.05	0.32	0.26	0.30	0.25	0.33	0.32	0.23	0.22	0.20	0.33	0.01	1.9%
NC_925	60	4568	3.30	3.42	0.33	3.42	2.23	2.67	2.65	2.51	3.09	3.03	2.49	2.39	3.09	-0.34	-9.8%
NC_926	60	4565	1.00	1.01	0.16	1.05	0.53	0.71	0.69	0.70	0.87	0.86	0.76	0.72	0.87	-0.18	-17.3%
NC_927	45	4536	0.34	0.33	0.05	0.34	0.29	0.32	0.26	0.36	0.34	0.25	0.24	0.21	0.36	0.02	5.3%
NC_928	20	4435	0.47	0.47	0.08	0.50	0.42	0.44	0.35	0.50	0.46	0.32	0.31	0.28	0.50	0.00	0.2%
NC_929	20	4436	1.79	1.75	0.21	1.75	1.74	1.75	1.61	1.75	1.84	1.25	1.20	1.08	1.84	0.09	5.3%
NC_930	30	4513	8.47	8.48	0.84	8.48	7.63	8.42	7.90	7.40	8.85	6.17	5.77	5.20	8.85	0.37	4.4%
NC_931	15	4412	0.69	0.69	0.08	0.69	0.69	0.63	0.71	0.67	0.71	0.32	0.32	0.28	0.71	0.02	2.9%
NC_932	60	4568	3.97	4.04	0.46	4.07	1.99	2.58	2.53	2.52	3.58	3.99	3.09	3.20	3.99	-0.08	-2.0%
NC_933	15	4412	0.55	0.54	0.07	0.54	0.54	0.51	0.56	0.55	0.57	0.27	0.26	0.23	0.57	0.03	6.3%
NC_934	15	4412	0.57	0.56	0.07	0.56	0.56	0.52	0.58	0.56	0.59	0.27	0.27	0.23	0.59	0.03	5.4%
NC_935	45	4536	0.69	0.67	0.10	0.68	0.55	0.64	0.56	0.64	0.68	0.53	0.51	0.46	0.68	0.00	-0.1%
NC_936	60	4565	1.16	1.18	0.16	1.19	0.55	0.75	0.73	0.74	1.02	1.08	0.90	0.86	1.08	-0.11	-9.5%
NC_937	60	4568	3.69	3.82	0.34	3.84	2.56	3.03	2.97	2.88	3.47	3.44	2.77	2.69	3.47	-0.37	-9.6%
NC_938	20	4434	1.02	1.00	0.16	1.01	0.99	0.95	1.01	0.99	1.03	0.52	0.52	0.45	1.03	0.02	1.7%
NC_939	20	4435	0.44	0.44	0.08	0.47	0.39	0.41	0.33	0.47	0.43	0.29	0.28	0.25	0.47	0.00	-0.9%
NC_940	60	4568	4.21	4.32	0.45	4.37	2.12	2.71	2.66	2.62	3.86	4.30	3.33	3.41	4.30	-0.07	-1.7%
NC_941	60	4568	1.29	1.33	0.15	1.35	0.57	0.78	0.77	0.77	1.18	1.26	1.02	0.97	1.26	-0.09	-6.4%
NC_942	20	4435	0.37	0.37	0.07	0.39	0.32	0.34	0.27	0.39	0.36	0.24	0.23	0.21	0.39	0.00	0.3%
NC_943	15	4412	0.81	0.80	0.09	0.80	0.80	0.75	0.83	0.79	0.83	0.39	0.39	0.34	0.83	0.03	4.2%
NC_944	20	4435	0.51	0.51	0.09	0.52	0.48	0.46	0.51	0.52	0.53	0.26	0.25	0.22	0.53	0.01	1.5%
NC_945	45	4536	0.33	0.31	0.05	0.33	0.26	0.30	0.25	0.33	0.33	0.24	0.23	0.20	0.33	0.00	0.0%
NC_946	15	4412	0.55	0.54	0.07	0.54	0.54	0.50	0.56	0.55	0.57	0.26	0.26	0.23	0.57	0.03	5.7%
NC_947	45	4536	0.32	0.31	0.05	0.32	0.26	0.30	0.25	0.33	0.32	0.23	0.22	0.20	0.33	0.01	2.2%
NC_948	60	4568	1.88	1.91	0.23	1.94	0.83	1.13	1.11	1.12	1.69	1.87	1.48	1.46	1.87	-0.07	-3.5%
NC_949	60	4569	4.27	4.41	0.44	4.45	2.13	2.73	2.68	2.64	3.92	4.37	3.44	3.45	4.37	-0.09	-1.9%
NC_950	1440	4873	2.98	2.61	1.07	2.66	0.40	0.39	0.38	0.46	0.44	0.34	0.43	0.64	0.64	-2.02	-75.9%
NC_951	45	4540	2.55	2.49	0.25	2.50	1.73	2.13	2.09	2.01	2.41	2.11	1.86	1.74	2.41	-0.10	-3.8%
NC_952	20	4434	0.57	0.57	0.10	0.57	0.55	0.52	0.58	0.57	0.59	0.28	0.27	0.24	0.59	0.02	3.3%
NC_953	15	4410	0.65	0.64	0.08	0.64	0.64	0.59	0.66	0.63	0.67	0.30	0.30	0.26	0.67	0.03	3.9%
NC_954	20	4435	0.37	0.37	0.06	0.40	0.32	0.35	0.28	0.40	0.37	0.26	0.26	0.23	0.40	0.00	-1.0%
NC_955	45	4536	0.35	0.34	0.06	0.35	0.29	0.33	0.27	0.37	0.35	0.25	0.24	0.21	0.37	0.02	4.9%
NC_956	1440	4873	4.69	4.12	1.69	4.20	3.49	4.04	3.87	3.85	4.37	4.35	3.43	3.80	4.37	0.17	4.0%
NC_957	20	4435	2.06	2.00	0.27	2.02	2.02	1.98	1.85	2.02	2.08	1.30	1.26	1.11	2.08	0.06	2.8%
NC_958	45	4536	0.34	0.32	0.05	0.33	0.27	0.31	0.26	0.34	0.33	0.24	0.24	0.21	0.34	0.01	3.0%
NC_959	20	4435	1.52	1.46	0.21	1.46	1.53	1.45	1.45	1.46	1.54	0.87	0.85	0.74	1.54	0.08	5.3%
NC_960	30	4513	9.05	9.00	0.81	9.08	7.97	8.80	8.21	7.96	9.31	7.45	6.41	6.47	9.31	0.23	2.5%
NC_961	20	4435	0.88	0.86	0.13	0.90	0.82	0.82	0.76	0.90	0.85	0.57	0.55	0.49	0.90	0.00	0.2%
NC_962	45	4536	0.32	0.31	0.05	0.32	0.26	0.30	0.25	0.32	0.32	0.23	0.23	0.20	0.32	0.00	0.9%
NC_963	20	4435	1.07	1.04	0.17	1.08	1.04	0.99	1.01	1.08	1.07	0.62	0.60	0.53	1.08	-0.01	-0.5%
NC_964	60	4568	6.62	6.82	0.69	6.92	3.21	4.16	4.10	4.04	6.09	6.79	5.29	5.36	6.79	-0.14	-2.0%
NC_965	45	4541	0.61	0.57	0.09	0.58	0.40	0.51	0.47	0.51	0.56	0.49	0.46	0.42	0.56	-0.02	-3.3%
NC_966	20	4435	0.46	0.45	0.08	0.48	0.42	0.41	0.39	0.48	0.45	0.28	0.27	0.24	0.48	0.00	0.4%
NC_967	45	4478	8.91	8.73	0.76	8.89	7.29	8.31	7.93	7.57	9.01	7.61	6.40	6.41	9.01	0.12	1.4%
NC_968	45	4478	1.03	1.00	0.14	1.00	0.82	0.94	0.84	0.90	1.01	0.80	0.76	0.69	1.01	0.01	0.7%
NC_969	1440	4873	2.93	2.55	1.05	2.60	0.09	0.14	0.14	0.14	0.26	0.33	0.42	0.49	0.49	-2.11	-81.2%
NC_970	20	4440	2.01	2.02	0.13	2.04	1.97	2.12	1.92	1.78	2.16	1.29	1.27	1.11	2.16	0.12	5.9%
NC_971	60	4573	4.48	4.44	0.25	4.46	3.41	3.91	3.88	3.80	4.48	4.27	3.89	3.35	4.48	0.02	0.4%
NC_972	20	4436	3.09	3.05	0.33	3.13	3.15	3.13	2.90	2.86	3.29	1.92	1.88	1.66	3.29	0.16	5.1%
NC_973	180	4659	17.88	18.12	0.89	18.17	7.87	9.25	9.23	9.19	12.70	16.00	18.17	18.41	18.41	0.24	1.3%
NC_974	180	4659	22.83	23.57	3.25	23.59	11.80	14.01	13.74	13.26	17.57	19.18	23.59	23.02	23.59	0.00	0.0%
NC_975	15	4410	0.87	0.87	0.09	0.87	0.87	0.84	0.89	0.82	0.88	0.42	0.42	0.36	0.89	0.02	2.6%
NC_976	180	4659	22.70	23.42	3.28	23.44	11.78	13.97	13.69	13.21	17.24	19.09	23.44	22.93	23.44	0.00	0.0%
NC_977	180	4663	22.29	22.96	3.34	22.97	11.58	13.71	13.40	12.95	16.23	18.76	22.95	22.62	22.95	-0.02	-0.1%
NC_978	180	4663	41.16	42.70	4.12	42.97	19.24	23.06	22.81	22.27	31.30	36.26	42.44	42.85	42.85	-0.12	-0.3%
NC_979	180	4663	42.02	43.65	4.08	43.93	19.44	23.36	23.20	22.63	32.49	37.40	43.38	44.23	44.23	0.30	0.7%
NC_980	60	4475	28.35	28.33	1.42	28.45	15.84	19.33	19.21	18.80	27.28	29.16	27.13	24.25	29.16	0.71	2.5%
NC_981	180	4663	72.50	74.26	7.92	74.44	33.35	40.83	40.65	40.06	59.98	69.42	74.08	73.94	74.08	-0.36	-0.5%
NC_982	60	4475	21.66	21.63	1.53	21.67	11.46	13.60	13.50	13.43	19.99	22.68	18.85	18.73	22.68	1.01	4.7%
NC_983	60	4475	21.57	21.49	1.42	21.59	11.37	13.51	13.43	13.36	19.90	22.61	19.67	18.79	22.61	1.02	4.7%
NC_984	15	4410	1.41	1.41	0.14	1.44	1.44	1.37	1.42	1.30	1.43	0.70	0.69	0.60	1.44	0.00	-0.2%
NC_985	20	4435	0.68	0.68	0.12	0.69	0.64	0.62	0.68	0.69	0.70	0.35	0.35	0.30	0.70	0.01	2.0%
NC_986	30	4509	2.59	2.58	0.26	2.59	2.28	2.58	2.40	2.32	2.69	1.77	1.73	1.52	2.69	0.10	3.7%
NC_987	20	4435	0.38	0.38	0.07	0.41	0.34	0.35	0.30	0.41	0.37	0.24	0.24	0.21	0.41	0.00	-0.5%
NC_988	20	4435	0.52	0.52	0.10	0.54	0.49	0.47	0.51	0.54	0.54	0.28	0.27	0.24	0.54	0.00	0.2%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_989	20	4434	3.25	3.19	0.41	3.20	3.37	3.18	3.20	2.99	3.33	1.75	1.73	1.51	3.37	0.17	5.2%
NC_990	60	4568	19.03	19.98	2.35	20.00	7.25	9.20	9.00	8.56	17.20	19.05	13.83	15.12	19.05	-0.95	-4.8%
NC_991	20	4435	0.41	0.42	0.08	0.43	0.39	0.37	0.40	0.43	0.43	0.22	0.21	0.19	0.43	0.00	0.5%
NC_992	30	4509	2.52	2.53	0.08	2.53	2.16	2.37	2.32	2.24	2.52	2.16	1.94	1.78	2.52	-0.01	-0.6%
NC_993	20	4434	1.04	1.00	0.16	1.00	1.04	0.99	1.01	1.01	1.07	0.56	0.55	0.48	1.07	0.07	6.6%
NC_994	20	4435	0.78	0.76	0.13	0.78	0.76	0.72	0.74	0.78	0.80	0.42	0.41	0.36	0.80	0.02	2.3%
NC_995	20	4434	1.20	1.16	0.17	1.18	1.20	1.14	1.18	1.15	1.23	0.63	0.62	0.55	1.23	0.05	3.9%
NC_996	20	4434	1.13	1.11	0.16	1.13	1.14	1.09	1.13	1.07	1.16	0.58	0.57	0.50	1.16	0.03	2.9%
NC_997	20	4436	3.68	3.66	0.35	3.76	3.70	3.76	3.43	3.40	3.94	2.56	2.43	2.26	3.94	0.18	4.7%
NC_998	15	4410	0.49	0.48	0.06	0.48	0.48	0.45	0.50	0.48	0.51	0.23	0.23	0.20	0.51	0.03	5.6%
NC_999	20	4434	1.00	0.99	0.15	1.01	0.98	0.94	1.01	0.97	1.02	0.50	0.49	0.43	1.02	0.01	0.6%
NC_1000	30	4513	2.38	2.35	0.21	2.37	2.10	2.33	2.14	2.20	2.40	1.85	1.68	1.56	2.40	0.03	1.4%
NC_1001	45	4542	1.72	1.68	0.22	1.73	1.64	1.69	1.48	1.60	1.77	1.32	1.23	1.16	1.77	0.04	2.3%
NC_1002	20	4434	0.93	0.92	0.14	0.94	0.91	0.87	0.94	0.90	0.94	0.46	0.46	0.40	0.94	0.00	0.3%
NC_1003	20	4435	0.73	0.70	0.13	0.74	0.70	0.66	0.67	0.74	0.74	0.41	0.40	0.35	0.74	0.00	-0.4%
NC_1004	20	4435	0.94	0.93	0.13	0.94	0.89	0.91	0.77	0.94	0.96	0.62	0.60	0.53	0.96	0.02	2.4%
NC_1005	20	4440	5.08	5.09	0.44	5.21	5.12	5.28	4.83	4.60	5.48	3.48	3.30	3.05	5.48	0.27	5.2%
NC_1006	15	4412	0.54	0.53	0.06	0.53	0.53	0.49	0.55	0.53	0.56	0.25	0.25	0.22	0.56	0.03	5.1%
NC_1007	30	4509	11.02	11.05	1.28	11.15	10.45	11.42	10.62	9.81	11.81	7.57	7.19	6.49	11.81	0.66	5.9%
NC_1008	20	4436	1.76	1.73	0.21	1.73	1.84	1.73	1.73	1.61	1.81	0.94	0.93	0.81	1.84	0.11	6.4%
NC_1009	20	4435	0.55	0.55	0.10	0.57	0.52	0.49	0.52	0.57	0.57	0.31	0.30	0.26	0.57	0.00	0.7%
NC_1010	20	4436	1.22	1.18	0.14	1.21	1.23	1.21	1.11	1.15	1.25	0.71	0.71	0.61	1.25	0.04	3.4%
NC_1011	20	4435	0.40	0.40	0.08	0.42	0.37	0.36	0.38	0.42	0.42	0.22	0.22	0.19	0.42	0.00	1.0%
NC_1012	45	4536	0.30	0.28	0.05	0.30	0.25	0.28	0.23	0.31	0.30	0.21	0.20	0.18	0.31	0.01	4.0%
NC_1013	45	4536	0.74	0.71	0.11	0.73	0.58	0.68	0.57	0.72	0.73	0.55	0.53	0.47	0.73	0.00	0.5%
NC_1014	45	4536	1.11	1.06	0.16	1.09	0.85	1.00	0.87	1.00	1.09	0.83	0.80	0.71	1.09	0.00	0.0%
NC_1015	180	4658	15.28	14.94	2.50	14.97	4.04	5.22	5.14	5.07	10.98	15.45	14.92	13.44	15.45	0.48	3.2%
NC_1016	60	4565	4.73	4.80	0.66	4.91	2.76	3.50	3.36	3.36	4.21	4.20	3.61	3.32	4.21	-0.70	-14.3%
NC_1017	120	4625	12.53	12.62	1.62	12.69	2.94	4.72	4.67	4.67	10.08	13.49	11.89	10.97	13.49	0.80	6.3%
NC_1018	180	4658	2.83	2.82	0.33	2.84	1.32	1.67	1.66	1.65	2.42	2.86	2.80	2.77	2.86	0.02	0.7%
NC_1019	45	4539	0.56	0.55	0.07	0.55	0.45	0.51	0.46	0.47	0.55	0.46	0.42	0.38	0.55	0.00	-0.4%
NC_1020	90	4594	11.46	11.64	1.94	12.45	3.03	4.95	4.89	4.89	10.06	12.45	10.03	9.85	12.45	0.00	0.0%
NC_1021	45	4536	1.60	1.56	0.20	1.59	1.24	1.45	1.34	1.35	1.59	1.25	1.16	1.04	1.59	-0.01	-0.3%
NC_1022	60	4565	0.86	0.87	0.12	0.87	0.41	0.55	0.54	0.55	0.74	0.79	0.66	0.64	0.79	-0.08	-9.0%
NC_1023	90	4594	12.16	12.39	1.98	13.19	3.05	4.98	4.92	4.92	10.36	13.19	10.84	10.49	13.19	0.00	0.0%
NC_1024	60	4568	9.68	9.98	1.06	10.07	4.67	6.14	6.05	6.01	8.81	9.75	7.76	7.66	9.75	-0.32	-3.1%
NC_1025	45	4536	3.66	3.54	0.50	3.56	2.64	3.18	2.88	3.07	3.56	2.86	2.66	2.40	3.56	0.00	-0.1%
NC_1026	45	4539	1.37	1.32	0.20	1.33	0.95	1.17	1.04	1.18	1.30	1.08	1.01	0.92	1.30	-0.03	-2.0%
NC_1027	45	4536	2.29	2.23	0.32	2.27	1.75	2.06	1.85	1.96	2.27	1.77	1.65	1.51	2.27	0.00	0.0%
NC_1028	20	4435	0.40	0.39	0.07	0.42	0.35	0.36	0.30	0.42	0.38	0.26	0.25	0.22	0.42	0.00	0.2%
NC_1029	20	4435	0.36	0.36	0.07	0.39	0.33	0.33	0.30	0.39	0.36	0.22	0.22	0.19	0.39	0.00	-0.8%
NC_1030	20	4435	0.22	0.22	0.04	0.23	0.20	0.20	0.22	0.23	0.23	0.11	0.10	0.09	0.23	0.00	0.4%
NC_1031	45	4478	0.29	0.28	0.04	0.29	0.21	0.26	0.23	0.27	0.29	0.21	0.21	0.18	0.29	0.00	-0.7%
NC_1032	45	4536	0.59	0.56	0.08	0.57	0.47	0.54	0.46	0.56	0.57	0.45	0.43	0.38	0.57	0.00	0.5%
NC_1033	60	4565	1.06	1.07	0.15	1.09	0.51	0.69	0.68	0.68	0.91	0.96	0.81	0.78	0.96	-0.13	-12.0%
NC_1034	60	4568	1.87	1.89	0.16	1.93	0.83	1.10	1.09	1.10	1.71	1.95	1.50	1.59	1.95	0.02	1.2%
NC_1035	20	4435	0.34	0.34	0.07	0.37	0.31	0.31	0.29	0.37	0.35	0.20	0.20	0.17	0.37	0.00	-1.1%
NC_1036	2160	4803	0.76	0.79	0.25	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.83	-100.0%
NC_1037	60	4565	1.07	1.09	0.16	1.13	0.61	0.79	0.78	0.77	0.95	0.92	0.82	0.77	0.95	-0.18	-16.1%
NC_1038	60	4568	0.89	0.90	0.12	0.90	0.42	0.56	0.55	0.55	0.77	0.83	0.68	0.67	0.83	-0.07	-7.9%
NC_1039	2160	4803	1.16	1.12	0.44	1.25	0.56	0.73	0.73	0.72	1.05	1.15	0.91	0.91	1.15	-0.10	-7.9%
NC_1040	20	4435	0.20	0.20	0.03	0.21	0.17	0.19	0.15	0.21	0.20	0.13	0.13	0.12	0.21	0.00	-1.4%
NC_1041	2160	4803	1.18	1.13	0.44	1.26	0.56	0.74	0.73	0.72	1.07	1.18	0.94	0.93	1.18	-0.09	-6.7%
NC_1042	45	4542	0.45	0.43	0.07	0.45	0.41	0.45	0.38	0.45	0.48	0.32	0.31	0.27	0.48	0.03	6.2%
NC_1043	60	4565	1.56	1.58	0.21	1.61	0.85	1.10	1.07	1.07	1.36	1.42	1.20	1.13	1.42	-0.19	-11.8%
NC_1044	60	4565	3.36	3.47	0.35	3.49	1.52	2.03	2.00	2.00	3.09	3.37	2.79	2.55	3.37	-0.12	-3.4%
NC_1045	180	4659	21.36	21.72	3.28	21.83	10.51	12.29	11.81	11.49	14.42	18.85	21.83	21.10	21.83	0.00	0.0%
NC_1046	60	4568	8.81	8.99	0.80	9.09	4.14	5.36	5.26	5.19	7.90	9.25	7.35	7.28	9.25	0.16	1.8%
NC_1047	60	4569	9.40	9.63	0.74	9.66	4.48	5.71	5.62	5.50	8.49	9.97	8.19	7.89	9.97	0.31	3.2%
NC_1048	60	4565	4.61	4.67	0.52	4.72	3.89	4.38	4.12	3.95	4.63	4.19	3.37	3.41	4.63	-0.09	-1.8%
NC_1049	60	4568	3.39	3.33	0.29	3.37	2.00	2.41	2.33	2.34	3.07	3.33	2.58	2.64	3.33	-0.04	-1.1%
NC_1050	60	4567	2.73	2.79	0.16	2.82	1.46	1.77	1.76	1.79	2.61	2.68	2.15	2.08	2.68	-0.14	-4.8%
NC_1051	20	4435	0.23	0.24	0.05	0.24	0.22	0.21	0.23	0.24	0.25	0.11	0.11	0.10	0.25	0.01	2.9%
NC_1052	60	4565	3.63	3.59	0.38	3.68	2.91	3.30	3.09	3.01	3.48	3.47	2.69	2.83	3.48	-0.21	-5.6%
NC_1053	20	4436	0.78	0.75	0.10	0.76	0.81	0.76	0.75	0.73	0.79	0.41	0.41	0.36	0.81	0.05	5.9%
NC_1054	45	4541	2.08	2.05	0.07	2.06	1.44	1.69	1.67	1.63	2.04	1.89	1.57	1.43	2.04	-0.02	-0.8%
NC_1055	15	4412	0.53	0.52	0.06	0.53	0.52	0.49	0.54	0.53	0.55	0.26	0.25	0.22	0.55	0.02	4.5%
NC_1056	15	4412	0.78	0.78	0.09	0.78	0.78	0.73	0.81	0.73	0.79	0.35	0.34	0.30	0.81	0.03	4.0%
NC_1057	15	4410	0.45	0.46	0.05	0.46	0.46	0.40	0.47	0.42	0.46	0.20	0.19	0.16	0.47	0.01	1.3%
NC_1058	60	4475	2.40	2.39	0.14	2.40	1.43	1.71	1.70	1.67	2.40	2.34	1.92	1.79	2.40	0.00	0.0%
NC_1059	60	4573	1.92	1.94	0.15	1.98	0.88	1.15	1.14	1.13	1.79	1.96	1.60	1.46	1.96	-0.02	-1.2%
NC_1060	15	4413	0.94	0.93	0.07	0.95	0.96	0.91	0.91	0.87	0.94	0.48	0.48	0.42	0.96	0.01	1.1%
NC_1061	60	4572	2.38	2.43	0.16	2.48	1.66	1.93	1.90	1.88	2.32	2.23	1.87	1.74	2.32	-0.16	-6.5%
NC_1062	60	4567	2.96	2.94	0.20	2.98	1.61	2.07	2.06	2.08	2.82	2.86	2.35	2.35	2.86	-0.12	-4.0%
NC_1063	30	4513	0.96	0.96	0.10	0.96	0.80	0.94	0.87	0.86	0.99	0.67	0.66	0.58	0.99	0.03	2.6%
NC_1064	30	4509	6.49	6.54	0.47	6.57	5.58	6.30	6.06	5.65	6.69	4.36	4.08	3.53	6.69	0.12	1.8%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_1065	30	4513	1.07	1.07	0.06	1.08	0.77	0.93	0.91	0.87	1.05	0.80	0.75	0.67	1.05	-0.03	-2.5%
NC_1066	20	4436	1.61	1.56	0.20	1.58	1.63	1.58	1.46	1.54	1.65	0.97	0.95	0.83	1.65	0.07	4.6%
NC_1067	20	4435	0.44	0.44	0.08	0.46	0.41	0.40	0.43	0.46	0.46	0.23	0.23	0.20	0.46	0.00	-0.2%
NC_1068	20	4435	0.63	0.62	0.10	0.64	0.60	0.59	0.54	0.64	0.64	0.38	0.37	0.32	0.64	0.00	0.2%
NC_1069	15	4410	0.65	0.64	0.07	0.65	0.65	0.58	0.66	0.62	0.66	0.29	0.28	0.24	0.66	0.01	2.0%
NC_1070	15	4410	0.92	0.92	0.10	0.92	0.92	0.86	0.95	0.86	0.93	0.42	0.42	0.36	0.95	0.03	2.8%
NC_1071	15	4410	0.33	0.33	0.04	0.33	0.33	0.30	0.34	0.33	0.35	0.16	0.15	0.13	0.35	0.02	6.1%
NC_1072	20	4435	0.44	0.43	0.08	0.46	0.40	0.39	0.39	0.46	0.44	0.25	0.25	0.22	0.46	0.00	0.2%
NC_1073	20	4436	3.30	3.22	0.43	3.24	3.42	3.24	3.20	3.06	3.40	1.82	1.80	1.57	3.42	0.18	5.6%
NC_1074	20	4440	4.97	4.98	0.47	5.11	5.15	5.17	4.80	4.39	5.34	2.92	2.89	2.54	5.34	0.23	4.6%
NC_1075	20	4435	1.69	1.64	0.28	1.70	1.65	1.57	1.59	1.70	1.74	0.96	0.94	0.82	1.74	0.04	2.5%
NC_1076	20	4435	0.29	0.29	0.05	0.31	0.25	0.27	0.21	0.31	0.28	0.19	0.19	0.17	0.31	-0.01	-1.6%
NC_1077	20	4435	0.19	0.19	0.04	0.20	0.17	0.17	0.13	0.20	0.18	0.12	0.11	0.10	0.20	0.00	2.0%
NC_1078	20	4436	1.24	1.20	0.15	1.23	1.29	1.23	1.18	1.17	1.27	0.68	0.68	0.59	1.29	0.06	4.6%
NC_1079	20	4440	1.96	1.98	0.11	2.01	1.87	2.04	1.83	1.82	2.08	1.27	1.24	1.08	2.08	0.07	3.5%
NC_1080	15	4410	0.34	0.34	0.04	0.34	0.34	0.31	0.35	0.34	0.36	0.15	0.15	0.13	0.36	0.02	4.7%
NC_1081	45	4541	0.80	0.76	0.11	0.77	0.55	0.68	0.63	0.67	0.73	0.64	0.60	0.55	0.73	-0.04	-5.5%
NC_1082	20	4436	0.80	0.79	0.08	0.80	0.76	0.80	0.67	0.78	0.83	0.51	0.50	0.44	0.83	0.03	3.2%
NC_1083	20	4435	0.30	0.30	0.06	0.32	0.27	0.27	0.23	0.32	0.29	0.19	0.18	0.16	0.32	0.00	0.6%
NC_1084	45	4536	0.52	0.50	0.08	0.52	0.44	0.48	0.39	0.54	0.52	0.38	0.37	0.33	0.54	0.02	4.0%
NC_1085	45	4541	0.81	0.76	0.11	0.77	0.57	0.70	0.65	0.68	0.75	0.64	0.60	0.54	0.75	-0.02	-3.0%
NC_1086	20	4435	0.33	0.32	0.06	0.35	0.30	0.29	0.28	0.35	0.33	0.19	0.18	0.16	0.35	0.00	-0.9%
NC_1087	60	4565	1.75	1.79	0.21	1.82	1.37	1.50	1.37	1.48	1.57	1.58	1.32	1.29	1.58	-0.24	-13.4%
NC_1088	20	4435	0.95	0.93	0.12	0.94	0.92	0.92	0.85	0.94	0.95	0.60	0.58	0.51	0.95	0.01	0.7%
NC_1089	20	4435	0.58	0.58	0.07	0.58	0.55	0.58	0.48	0.58	0.60	0.40	0.39	0.34	0.60	0.02	3.4%
NC_1090	20	4435	0.36	0.35	0.07	0.38	0.32	0.32	0.30	0.38	0.35	0.22	0.21	0.19	0.38	0.00	0.5%
NC_1091	20	4436	1.46	1.42	0.18	1.43	1.45	1.43	1.32	1.42	1.48	0.90	0.88	0.77	1.48	0.05	3.3%
NC_1092	60	4572	10.83	11.00	0.68	11.16	5.47	6.90	6.84	6.77	10.13	10.77	9.34	7.95	10.77	-0.39	-3.5%
NC_1093	60	4565	1.95	1.98	0.21	2.01	1.49	1.67	1.57	1.57	1.80	1.77	1.46	1.45	1.80	-0.21	-10.6%
NC_1094	20	4440	1.59	1.61	0.10	1.63	1.55	1.67	1.49	1.44	1.71	1.08	1.04	0.93	1.71	0.08	4.9%
NC_1095	20	4436	1.55	1.50	0.18	1.53	1.56	1.53	1.43	1.47	1.59	0.96	0.94	0.83	1.59	0.06	3.9%
NC_1096	45	4478	0.66	0.63	0.09	0.63	0.48	0.58	0.51	0.60	0.62	0.53	0.50	0.45	0.62	-0.01	-1.0%
NC_1097	60	4565	0.83	0.84	0.13	0.87	0.48	0.63	0.61	0.61	0.73	0.71	0.63	0.60	0.73	-0.14	-15.7%
NC_1098	20	4436	0.58	0.56	0.08	0.56	0.59	0.56	0.54	0.55	0.59	0.32	0.32	0.28	0.59	0.03	5.2%
NC_1099	20	4436	0.66	0.65	0.08	0.65	0.65	0.65	0.57	0.64	0.68	0.40	0.39	0.34	0.68	0.03	4.0%
NC_1100	60	4572	10.74	10.86	0.64	11.02	5.39	6.81	6.75	6.68	10.05	10.75	9.51	7.94	10.75	-0.27	-2.5%
NC_1101	45	4540	6.66	6.61	0.22	6.63	4.12	5.06	5.03	4.91	6.59	5.83	4.93	4.39	6.59	-0.04	-0.6%
NC_1102	180	4659	110.12	110.66	12.76	111.32	50.54	61.06	60.68	60.31	90.46	107.96	111.32	113.29	113.29	1.97	1.8%
NC_1103	20	4436	1.36	1.31	0.16	1.34	1.39	1.34	1.26	1.28	1.37	0.75	0.74	0.64	1.39	0.05	3.7%
NC_1104	20	4436	0.64	0.63	0.08	0.63	0.67	0.63	0.62	0.58	0.66	0.33	0.33	0.29	0.67	0.04	5.6%
NC_1105	540	4764	3.52	3.62	1.01	3.63	0.46	0.56	0.56	0.56	0.83	1.16	3.01	4.93	4.93	1.30	35.9%
NC_1106	180	4659	107.40	107.46	12.11	108.13	50.35	60.77	60.35	59.96	89.74	107.06	108.13	108.91	108.91	0.78	0.7%
NC_1107	45	4478	5.32	5.29	0.27	5.29	3.72	4.46	4.38	4.13	5.39	4.50	3.90	3.41	5.39	0.10	1.9%
NC_1108	20	4434	0.60	0.58	0.08	0.58	0.62	0.58	0.58	0.57	0.61	0.32	0.32	0.28	0.62	0.04	6.0%
NC_1109	20	4440	5.62	5.63	0.43	5.76	5.52	5.80	5.28	5.17	6.05	4.34	3.88	3.69	6.05	0.29	5.1%
NC_1110	30	4513	5.27	5.28	0.42	5.29	4.44	5.04	4.77	4.58	5.39	4.26	3.70	3.46	5.39	0.10	1.8%
NC_1111	20	4435	1.07	1.04	0.15	1.08	1.03	1.01	0.96	1.08	1.04	0.65	0.63	0.56	1.08	-0.01	-0.5%
NC_1112	180	4659	121.62	121.68	14.22	122.79	57.24	69.62	69.21	68.78	101.11	120.52	122.79	124.12	124.12	1.33	1.1%
NC_1113	180	4659	123.05	124.11	13.21	125.72	51.59	64.35	64.12	63.72	99.15	118.96	125.72	123.81	125.72	0.00	0.0%
NC_1114	180	4659	122.98	124.09	13.09	125.70	51.43	64.11	63.87	63.47	98.87	118.67	125.70	123.56	125.70	-0.01	0.0%
NC_1115	20	4435	0.98	0.97	0.16	0.97	0.97	0.92	0.96	0.97	0.99	0.53	0.52	0.45	0.99	0.02	2.4%
NC_1116	20	4434	1.18	1.14	0.17	1.14	1.18	1.12	1.14	1.13	1.21	0.65	0.64	0.56	1.21	0.07	5.7%
NC_1117	20	4436	2.27	2.30	0.16	2.35	2.23	2.35	2.07	2.11	2.41	1.44	1.42	1.25	2.41	0.06	2.6%
NC_1118	15	4410	0.39	0.39	0.04	0.39	0.39	0.35	0.40	0.38	0.40	0.17	0.17	0.15	0.40	0.01	3.3%
NC_1119	20	4440	11.20	11.23	0.68	11.29	10.96	11.83	11.04	9.82	12.07	7.07	6.92	6.01	12.07	0.78	6.9%
NC_1120	20	4436	1.62	1.60	0.16	1.63	1.63	1.63	1.46	1.54	1.66	0.92	0.91	0.79	1.66	0.03	1.5%
NC_1121	30	4509	17.04	17.16	0.91	17.24	13.68	15.74	15.32	14.37	17.29	16.49	13.09	14.47	17.29	0.05	0.3%
NC_1122	15	4412	0.43	0.42	0.05	0.42	0.42	0.39	0.44	0.43	0.45	0.20	0.20	0.17	0.45	0.03	6.2%
NC_1123	20	4434	1.22	1.18	0.18	1.19	1.23	1.16	1.19	1.17	1.25	0.67	0.66	0.58	1.25	0.06	5.2%
NC_1124	30	4509	16.37	16.44	1.10	16.47	13.81	15.59	14.98	14.06	16.69	15.84	12.45	14.04	16.69	0.22	1.3%
NC_1125	30	4513	16.50	16.53	1.19	16.56	14.15	15.87	15.16	14.27	16.84	15.88	12.42	14.14	16.84	0.28	1.7%
NC_1126	20	4435	0.51	0.51	0.10	0.53	0.47	0.45	0.48	0.53	0.52	0.28	0.27	0.24	0.53	0.00	-0.6%
NC_1127	15	4410	1.61	1.63	0.14	1.65	1.65	1.57	1.63	1.44	1.61	0.79	0.78	0.68	1.65	0.00	0.1%
NC_1128	20	4434	0.97	0.96	0.15	0.97	0.95	0.92	0.97	0.94	0.99	0.49	0.49	0.42	0.99	0.02	1.8%
NC_1129	15	4411	2.03	2.05	0.15	2.07	2.14	2.02	2.02	1.78	2.07	1.07	1.06	0.92	2.14	0.07	3.4%
NC_1130	20	4436	3.07	3.02	0.33	3.10	3.19	3.10	2.93	2.81	3.22	1.80	1.77	1.55	3.22	0.12	4.0%
NC_1131	60	4475	6.10	6.10	0.34	6.11	2.70	3.42	3.39	3.37	5.68	6.22	5.27	5.10	6.22	0.11	1.8%
NC_1132	20	4435	0.86	0.87	0.14	0.87	0.82	0.79	0.86	0.87	0.89	0.46	0.45	0.39	0.89	0.02	2.1%
NC_1133	20	4436	3.42	3.36	0.37	3.45	3.45	3.45	3.15	3.21	3.60	2.04	2.03	1.77	3.60	0.15	4.2%
NC_1134	20	4435	1.68	1.62	0.25	1.64	1.69	1.60	1.60	1.64	1.72	0.95	0.94	0.81	1.72	0.08	4.9%
NC_1135	20	4435	0.40	0.40	0.08	0.43	0.37	0.36	0.38	0.43	0.42	0.22	0.22	0.19	0.43	0.00	-0.9%
NC_1136	60	4565	1.26	1.29	0.17	1.31	0.66	0.88	0.86	0.86	1.11	1.13	0.97	0.90	1.13	-0.18	-13.6%
NC_1137	30	4509	4.97	4.99	0.45	5.01	4.38	4.90	4.66	4.34	5.19	3.36	3.19	2.75	5.19	0.18	3.5%
NC_1138	15	4412	0.47	0.46	0.06	0.46	0.46	0.43	0.48	0.47	0.49	0.22	0.22	0.19	0.49	0.03	5.9%
NC_1139	20	4434	1.22	1.20	0.18	1.22	1.20	1.15	1.22	1.18	1.23	0.62	0.61	0.53	1.23	0.01	1.0%
NC_1140	20	4435	0.86	0.84	0.11	0.84	0.86	0.84	0.77	0.84	0.86	0.49	0.48	0.42	0.86	0.02	2.1%

ARR2019 Results for 5%AEP Event																	
Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_1141	60	4568	4.97	5.11	0.63	5.12	2.64	3.54	3.42	3.21	4.65	4.43	3.00	2.75	4.65	-0.47	-9.2%
NC_1142	60	4568	4.88	5.02	0.59	5.12	2.60	3.37	3.27	3.09	4.64	4.40	3.08	2.77	4.64	-0.48	-9.3%
NC_1143	20	4435	0.74	0.73	0.13	0.75	0.71	0.68	0.70	0.75	0.76	0.41	0.40	0.35	0.76	0.01	1.3%
NC_1144	60	4572	5.12	5.23	0.59	5.36	2.63	3.41	3.32	3.14	5.07	4.68	3.41	3.26	5.07	-0.30	-5.5%
NC_1145	60	4572	5.31	5.38	0.58	5.43	2.67	3.45	3.36	3.19	5.33	4.92	3.63	3.59	5.33	-0.10	-1.9%
NC_1146	20	4434	0.52	0.52	0.09	0.52	0.50	0.47	0.52	0.52	0.54	0.25	0.25	0.22	0.54	0.02	3.7%
NC_1147	20	4434	0.56	0.54	0.08	0.54	0.57	0.54	0.54	0.53	0.57	0.30	0.30	0.26	0.57	0.03	5.6%
NC_1148	60	4573	5.55	5.55	0.58	5.58	3.22	3.62	3.43	3.61	5.59	5.24	3.96	4.01	5.59	0.01	0.2%
NC_1149	20	4435	0.71	0.70	0.12	0.71	0.68	0.65	0.69	0.71	0.73	0.37	0.36	0.32	0.73	0.02	2.3%
NC_1150	20	4435	0.47	0.47	0.08	0.48	0.44	0.42	0.46	0.48	0.49	0.23	0.23	0.20	0.49	0.01	1.3%
NC_1151	20	4436	1.26	1.25	0.13	1.28	1.27	1.28	1.13	1.19	1.33	0.77	0.76	0.67	1.33	0.05	3.8%
NC_1152	20	4436	1.50	1.50	0.14	1.53	1.50	1.53	1.35	1.39	1.59	0.92	0.91	0.80	1.59	0.05	3.6%
NC_1153	20	4436	1.54	1.53	0.14	1.57	1.52	1.57	1.39	1.43	1.62	0.94	0.93	0.82	1.62	0.05	3.4%
NC_1154	20	4435	1.36	1.35	0.22	1.35	1.32	1.27	1.35	1.35	1.41	0.70	0.69	0.60	1.41	0.06	4.4%
NC_1155	20	4436	2.38	2.38	0.20	2.43	2.35	2.43	2.15	2.24	2.48	1.43	1.41	1.23	2.48	0.05	2.1%
NC_1156	20	4440	2.32	2.33	0.21	2.37	2.42	2.44	2.29	2.03	2.50	1.34	1.33	1.16	2.50	0.13	5.3%
NC_1157	30	4509	2.81	2.82	0.29	2.83	2.55	2.85	2.64	2.55	2.95	1.86	1.80	1.58	2.95	0.12	4.4%
NC_1158	30	4509	5.30	5.33	0.38	5.36	4.41	5.05	4.86	4.52	5.45	3.69	3.45	2.97	5.45	0.09	1.6%
NC_1159	30	4509	5.39	5.43	0.37	5.47	4.42	5.09	4.91	4.57	5.53	3.80	3.53	3.04	5.53	0.06	1.0%
NC_1160	30	4509	5.55	5.59	0.33	5.64	4.40	5.12	4.97	4.65	5.67	4.06	3.72	3.15	5.67	0.03	0.6%
NC_1161	60	4565	2.07	2.06	0.30	2.11	1.47	1.62	1.45	1.68	1.74	1.83	1.61	1.55	1.83	-0.28	-13.1%
NC_1162	20	4435	0.56	0.54	0.10	0.58	0.52	0.50	0.50	0.58	0.56	0.33	0.32	0.28	0.58	0.00	0.7%
NC_1163	20	4435	0.69	0.68	0.12	0.69	0.66	0.63	0.66	0.69	0.70	0.37	0.36	0.31	0.70	0.01	1.3%
NC_1164	60	4568	1.63	1.67	0.21	1.68	0.79	1.04	1.02	1.02	1.46	1.52	1.25	1.22	1.52	-0.16	-9.5%
NC_1165	20	4435	0.39	0.39	0.08	0.42	0.37	0.35	0.37	0.42	0.41	0.22	0.21	0.19	0.42	-0.01	-1.2%
NC_1166	15	4412	0.93	0.92	0.10	0.92	0.92	0.85	0.95	0.88	0.94	0.42	0.42	0.36	0.95	0.03	3.5%
NC_1167	60	4565	2.63	2.62	0.34	2.69	2.07	2.26	2.05	2.09	2.37	2.40	2.00	1.99	2.40	-0.30	-11.0%
NC_1168	45	4541	8.61	8.49	0.36	8.50	5.42	6.67	6.59	6.39	8.48	7.38	6.33	5.60	8.48	-0.02	-0.2%
NC_1169	90	4594	1.47	1.50	0.18	1.57	0.64	0.83	0.82	0.82	1.32	1.57	1.38	1.39	1.57	0.00	0.2%
NC_1170	90	4594	0.85	0.86	0.13	0.92	0.38	0.49	0.49	0.48	0.75	0.92	0.78	0.77	0.92	0.00	-0.2%
NC_1171	45	4536	0.30	0.29	0.05	0.30	0.24	0.28	0.23	0.30	0.30	0.22	0.21	0.19	0.30	0.00	0.3%
NC_1172	45	4541	0.50	0.47	0.07	0.47	0.33	0.42	0.39	0.42	0.46	0.39	0.37	0.34	0.46	-0.01	-1.5%
NC_1173	120	4626	2.26	2.22	0.20	2.22	1.22	1.49	1.43	1.43	1.92	2.39	2.09	2.22	2.39	0.17	7.5%
NC_1174	20	4435	0.61	0.61	0.11	0.63	0.57	0.55	0.59	0.63	0.63	0.33	0.33	0.29	0.63	0.00	0.0%
NC_1175	20	4434	0.46	0.46	0.08	0.46	0.44	0.42	0.46	0.46	0.48	0.22	0.22	0.19	0.48	0.02	3.5%
NC_1176	60	4565	1.17	1.19	0.18	1.23	0.66	0.87	0.85	0.85	1.04	0.99	0.88	0.83	1.04	-0.19	-15.3%
NC_1177	45	4540	8.77	8.70	0.30	8.72	5.33	6.59	6.51	6.36	8.73	7.69	6.62	5.72	8.73	0.01	0.1%
NC_1178	120	4623	2.35	2.33	0.20	2.33	1.14	1.44	1.41	1.40	1.99	2.47	2.23	2.30	2.47	0.14	6.0%
NC_1179	20	4435	0.28	0.28	0.05	0.30	0.24	0.27	0.21	0.30	0.28	0.20	0.19	0.17	0.30	0.00	0.0%
NC_1180	20	4435	0.44	0.44	0.08	0.45	0.42	0.40	0.44	0.45	0.46	0.22	0.22	0.19	0.46	0.01	2.0%
NC_1181	20	4436	1.06	1.05	0.10	1.07	1.03	1.07	0.93	1.01	1.10	0.66	0.65	0.56	1.10	0.03	3.1%
NC_1182	30	4513	1.53	1.52	0.15	1.53	1.27	1.48	1.38	1.36	1.56	1.08	1.04	0.92	1.56	0.03	2.2%
NC_1183	60	4565	1.49	1.48	0.20	1.52	0.95	1.16	1.09	1.09	1.31	1.38	1.14	1.11	1.38	-0.14	-9.2%
NC_1184	20	4436	0.53	0.51	0.07	0.52	0.53	0.52	0.47	0.50	0.54	0.30	0.30	0.26	0.54	0.02	3.7%
NC_1185	60	4568	1.07	1.08	0.14	1.08	0.53	0.70	0.68	0.68	0.94	1.03	0.83	0.82	1.03	-0.05	-4.9%
NC_1186	20	4435	0.30	0.30	0.06	0.32	0.26	0.28	0.22	0.32	0.29	0.19	0.19	0.17	0.32	0.00	-0.3%
NC_1187	120	4623	2.50	2.46	0.21	2.47	1.24	1.56	1.54	1.52	2.14	2.64	2.36	2.47	2.64	0.17	6.7%
NC_1188	60	4565	2.12	2.16	0.25	2.17	1.15	1.48	1.44	1.42	1.89	2.04	1.64	1.60	2.04	-0.14	-6.2%
NC_1189	20	4435	0.43	0.43	0.08	0.45	0.40	0.38	0.41	0.45	0.44	0.23	0.23	0.20	0.45	0.00	-0.9%
NC_1190	30	4509	5.74	5.78	0.34	5.79	4.45	5.23	5.06	4.84	5.78	4.34	3.95	3.43	5.78	-0.01	-0.1%
NC_1191	15	4412	0.96	0.95	0.11	0.95	0.95	0.88	0.98	0.92	0.97	0.45	0.44	0.39	0.98	0.03	3.3%
NC_1192	20	4436	2.48	2.43	0.27	2.48	2.44	2.48	2.19	2.36	2.59	1.55	1.53	1.35	2.59	0.11	4.4%
NC_1193	30	4509	3.65	3.66	0.27	3.66	3.01	3.47	3.37	3.11	3.71	2.60	2.42	2.14	3.71	0.05	1.5%
NC_1194	30	4509	15.83	15.91	1.57	16.09	15.01	16.26	15.37	14.16	16.84	10.51	10.08	8.79	16.84	0.75	4.7%
NC_1195	20	4434	1.40	1.35	0.19	1.36	1.43	1.34	1.36	1.33	1.43	0.76	0.75	0.65	1.43	0.06	4.8%
NC_1196	20	4435	1.12	1.08	0.17	1.09	1.12	1.05	1.08	1.09	1.12	0.60	0.59	0.52	1.12	0.03	2.9%
NC_1197	15	4410	0.57	0.56	0.06	0.57	0.57	0.51	0.58	0.53	0.57	0.25	0.24	0.21	0.58	0.01	1.9%
NC_1198	15	4410	0.74	0.74	0.08	0.74	0.74	0.67	0.76	0.69	0.75	0.33	0.32	0.28	0.76	0.02	3.1%
NC_1199	20	4440	8.49	8.53	0.53	8.70	8.32	8.75	8.01	7.88	8.95	5.57	5.41	4.84	8.95	0.25	2.9%
NC_1200	15	4410	0.74	0.74	0.08	0.74	0.74	0.68	0.76	0.70	0.75	0.33	0.33	0.28	0.76	0.02	3.2%
NC_1201	20	4440	7.02	7.06	0.43	7.19	6.87	7.23	6.60	6.54	7.38	4.68	4.55	4.06	7.38	0.19	2.7%
NC_1202	15	4410	0.89	0.89	0.10	0.90	0.90	0.83	0.92	0.84	0.90	0.41	0.40	0.35	0.92	0.02	2.2%
NC_1203	20	4435	1.39	1.35	0.19	1.37	1.38	1.33	1.30	1.37	1.38	0.81	0.79	0.69	1.38	0.01	0.9%
NC_1204	20	4434	1.51	1.46	0.20	1.47	1.56	1.46	1.47	1.42	1.54	0.81	0.80	0.70	1.56	0.09	5.9%
NC_1205	20	4434	1.09	1.08	0.16	1.12	1.08	1.04	1.12	1.04	1.11	0.53	0.53	0.46	1.12	0.00	-0.3%
NC_1206	15	4410	0.47	0.47	0.05	0.47	0.47	0.42	0.48	0.44	0.48	0.20	0.20	0.17	0.48	0.01	2.3%
NC_1207	15	4412	0.94	0.94	0.10	0.94	0.93	0.89	0.97	0.89	0.96	0.44	0.43	0.38	0.97	0.03	3.6%
NC_1208	15	4412	0.66	0.65	0.08	0.65	0.65	0.60	0.67	0.65	0.68	0.31	0.31	0.27	0.68	0.03	4.2%
NC_1209	20	4434	1.18	1.15	0.18	1.15	1.17	1.11	1.15	1.15	1.20	0.63	0.62	0.54	1.20	0.05	4.1%
NC_1210	20	4435	0.82	0.81	0.11	0.83	0.77	0.80	0.69	0.83	0.83	0.56	0.54	0.48	0.83	0.00	-0.1%
NC_1211	20	4434	2.18	2.12	0.29	2.14	2.22	2.10	2.14	2.06	2.24	1.18	1.16	1.01	2.24	0.09	4.4%
NC_1212	15	4410	1.29	1.29	0.13	1.30	1.30	1.24	1.30	1.19	1.30	0.63	0.62	0.54	1.30	0.00	0.3%
NC_1213	20	4435	0.40	0.39	0.08	0.42	0.37	0.35	0.37	0.42	0.41	0.22	0.22	0.19	0.42	0.00	0.2%
NC_1214	20	4434	0.41	0.42	0.07	0.42	0.40	0.38	0.42	0.42	0.43	0.20	0.20	0.17	0.43	0.01	3.1%
NC_1215	20	4440	9.90	9.96	0.60	10.12	9.66	10.24	9.35	9.16	10.49	6.49	6.31	5.63	10.49	0.37	3.6%
NC_1216	20	4440	2.89	2.90	0.26	2.98	2.92	2.99	2.73	2.62	3.10	1.82	1.78	1.57	3.10	0.12	4.0%

Catchment Simulation Solutions

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_1217	15	4410	0.46	0.46	0.06	0.46	0.46	0.42	0.47	0.45	0.48	0.21	0.21	0.18	0.48	0.02	4.1%
NC_1218	20	4435	0.92	0.90	0.13	0.92	0.89	0.87	0.83	0.92	0.90	0.53	0.52	0.46	0.92	0.00	0.2%
NC_1219	30	4509	2.89	2.90	0.26	2.91	2.53	2.83	2.73	2.49	3.00	2.03	1.90	1.68	3.00	0.09	3.2%
NC_1220	20	4434	2.05	2.02	0.27	2.07	2.07	1.97	2.07	1.94	2.05	1.04	1.03	0.90	2.07	0.00	-0.1%
NC_1221	15	4410	0.51	0.51	0.06	0.51	0.51	0.46	0.53	0.49	0.52	0.23	0.23	0.20	0.53	0.02	2.9%
NC_1222	20	4436	1.74	1.72	0.21	1.73	1.83	1.73	1.71	1.59	1.81	0.95	0.94	0.82	1.83	0.10	5.8%
NC_1223	15	4410	0.92	0.92	0.10	0.92	0.92	0.86	0.95	0.85	0.92	0.42	0.41	0.36	0.95	0.03	2.8%
NC_1224	20	4435	0.59	0.58	0.11	0.61	0.56	0.53	0.55	0.61	0.61	0.34	0.33	0.29	0.61	0.00	0.5%
NC_1225	20	4436	1.59	1.56	0.17	1.59	1.55	1.59	1.38	1.52	1.65	1.00	0.98	0.86	1.65	0.06	3.7%
NC_1226	20	4436	1.29	1.28	0.12	1.28	1.19	1.28	1.10	1.27	1.33	0.90	0.86	0.77	1.33	0.05	4.1%
NC_1227	30	4509	17.77	17.90	1.46	18.08	15.83	17.63	16.89	15.54	18.57	12.09	11.41	9.82	18.57	0.49	2.7%
NC_1228	30	4509	19.98	20.16	1.41	20.38	17.21	19.39	18.76	17.18	20.69	13.76	12.85	11.04	20.69	0.31	1.5%
NC_1229	20	4440	2.71	2.73	0.22	2.80	2.79	2.82	2.60	2.42	2.86	1.53	1.53	1.33	2.86	0.06	2.2%
NC_1230	15	4410	1.05	1.04	0.11	1.05	1.05	1.00	1.08	0.99	1.07	0.50	0.49	0.43	1.08	0.03	3.0%
NC_1231	20	4434	1.65	1.62	0.21	1.64	1.70	1.60	1.64	1.54	1.67	0.85	0.84	0.73	1.70	0.06	3.4%
NC_1232	45	4536	0.56	0.53	0.09	0.56	0.48	0.52	0.42	0.59	0.56	0.41	0.39	0.35	0.59	0.03	4.6%
NC_1233	45	4542	2.74	2.62	0.39	2.71	2.46	2.69	2.35	2.51	2.87	2.02	1.91	1.75	2.87	0.16	6.0%
NC_1234	45	4542	2.23	2.15	0.32	2.23	1.86	2.09	1.81	2.02	2.28	1.64	1.57	1.42	2.28	0.05	2.1%
NC_1235	60	4565	1.68	1.67	0.23	1.74	1.21	1.39	1.29	1.30	1.50	1.48	1.27	1.23	1.50	-0.24	-14.0%
NC_1236	20	4435	0.38	0.37	0.07	0.40	0.35	0.34	0.35	0.40	0.39	0.21	0.21	0.18	0.40	0.00	0.5%
NC_1237	60	4565	2.24	2.27	0.26	2.31	1.73	1.94	1.79	1.92	2.02	2.06	1.68	1.70	2.06	-0.25	-10.7%
NC_1238	20	4435	0.63	0.61	0.09	0.62	0.61	0.60	0.55	0.62	0.63	0.38	0.37	0.33	0.63	0.01	1.8%
NC_1239	45	4478	2.82	2.76	0.30	2.79	2.41	2.61	2.32	2.57	2.73	2.44	2.09	2.09	2.73	-0.06	-2.2%
NC_1240	45	4536	3.13	3.09	0.35	3.11	2.77	2.96	2.62	2.84	3.11	2.67	2.29	2.29	3.11	0.00	0.0%
NC_1241	20	4435	0.73	0.72	0.12	0.73	0.71	0.68	0.72	0.73	0.75	0.38	0.37	0.32	0.75	0.02	3.2%
NC_1242	20	4434	0.95	0.92	0.14	0.92	0.95	0.90	0.92	0.91	0.98	0.50	0.49	0.43	0.98	0.06	6.1%
NC_1243	20	4434	0.83	0.82	0.13	0.82	0.80	0.77	0.82	0.81	0.84	0.42	0.41	0.36	0.84	0.02	2.8%
NC_1244	20	4434	1.82	1.76	0.26	1.80	1.82	1.73	1.80	1.73	1.88	0.96	0.94	0.82	1.88	0.08	4.6%
NC_1245	20	4434	0.75	0.75	0.12	0.75	0.73	0.70	0.75	0.74	0.77	0.38	0.37	0.33	0.77	0.02	2.9%
NC_1246	15	4410	0.55	0.55	0.06	0.55	0.55	0.50	0.57	0.54	0.57	0.25	0.25	0.22	0.57	0.02	3.3%
NC_1247	15	4410	0.82	0.81	0.09	0.82	0.82	0.76	0.84	0.77	0.83	0.38	0.37	0.32	0.84	0.02	2.3%
NC_1248	20	4434	1.17	1.14	0.17	1.16	1.16	1.10	1.16	1.13	1.18	0.61	0.60	0.52	1.18	0.02	1.3%
NC_1249	45	4536	0.54	0.51	0.08	0.51	0.38	0.47	0.42	0.47	0.51	0.42	0.40	0.36	0.51	0.00	-0.6%
NC_1250	45	4542	2.68	2.57	0.38	2.66	2.44	2.65	2.28	2.48	2.81	1.98	1.88	1.70	2.81	0.15	5.8%
NC_1251	20	4435	0.28	0.28	0.05	0.30	0.25	0.26	0.21	0.30	0.28	0.19	0.18	0.16	0.30	0.00	0.3%
NC_1252	45	4542	1.28	1.21	0.20	1.27	1.15	1.26	1.05	1.21	1.36	0.91	0.89	0.79	1.36	0.09	6.7%
NC_1253	45	4536	0.86	0.82	0.13	0.87	0.68	0.80	0.67	0.81	0.87	0.63	0.60	0.54	0.87	-0.01	-0.6%
NC_1254	45	4536	0.29	0.28	0.05	0.29	0.24	0.27	0.22	0.30	0.29	0.21	0.20	0.18	0.30	0.01	4.1%
NC_1255	45	4542	1.88	1.81	0.28	1.87	1.47	1.74	1.55	1.64	1.90	1.38	1.33	1.18	1.90	0.03	1.7%
NC_1256	45	4478	2.44	2.32	0.32	2.33	1.62	2.04	1.98	1.90	2.31	1.92	1.80	1.63	2.31	-0.02	-1.1%
NC_1257	45	4540	2.52	2.40	0.31	2.40	1.68	2.10	2.02	1.96	2.39	2.01	1.86	1.69	2.39	-0.01	-0.6%
NC_1258	20	4435	0.33	0.33	0.06	0.35	0.30	0.30	0.27	0.35	0.33	0.20	0.20	0.17	0.35	0.00	0.9%
NC_1259	45	4539	6.65	6.41	0.85	6.42	4.79	5.74	5.38	5.38	6.40	5.21	4.87	4.35	6.40	-0.03	-0.4%
NC_1260	20	4435	0.46	0.45	0.08	0.48	0.41	0.42	0.36	0.48	0.44	0.30	0.29	0.26	0.48	0.00	0.8%
NC_1261	180	4659	131.00	132.04	10.72	134.22	52.21	65.08	64.84	64.45	101.08	122.32	134.22	128.60	134.22	0.00	0.0%
NC_1262	45	4478	0.50	0.47	0.07	0.48	0.32	0.42	0.38	0.41	0.47	0.39	0.37	0.33	0.47	-0.01	-2.3%
NC_1263	15	4410	1.30	1.29	0.13	1.29	1.29	1.19	1.33	1.25	1.29	0.86	0.79	0.74	1.33	0.04	3.3%
NC_1264	45	4536	1.10	1.06	0.16	1.08	0.81	0.98	0.87	0.94	1.08	0.82	0.79	0.70	1.08	0.00	-0.3%
NC_1265	45	4542	1.52	1.46	0.23	1.52	1.23	1.43	1.24	1.34	1.55	1.11	1.07	0.95	1.55	0.03	1.9%
NC_1266	45	4536	2.84	2.75	0.41	2.80	2.10	2.51	2.30	2.37	2.80	2.13	2.03	1.81	2.80	0.00	-0.1%
NC_1267	20	4435	0.33	0.33	0.06	0.35	0.30	0.30	0.26	0.35	0.32	0.20	0.20	0.17	0.35	0.00	0.9%
NC_1268	20	4435	0.36	0.36	0.07	0.38	0.34	0.32	0.34	0.38	0.38	0.20	0.20	0.17	0.38	0.00	1.1%
NC_1269	45	4536	2.98	2.89	0.40	2.93	2.15	2.59	2.41	2.42	2.93	2.29	2.15	1.92	2.93	0.00	-0.1%
NC_1270	20	4435	0.80	0.78	0.13	0.81	0.75	0.75	0.68	0.81	0.81	0.48	0.47	0.41	0.81	0.00	0.4%
NC_1271	45	4540	2.94	2.79	0.36	2.80	2.04	2.49	2.36	2.38	2.76	2.35	2.18	1.98	2.76	-0.04	-1.3%
NC_1272	20	4435	0.13	0.13	0.02	0.14	0.11	0.12	0.09	0.14	0.13	0.08	0.08	0.07	0.14	0.00	-2.9%
NC_1273	60	4569	4.71	4.86	0.45	4.88	2.34	3.02	2.98	2.95	4.32	4.92	4.05	4.27	4.92	0.04	0.8%
NC_1274	20	4436	1.45	1.44	0.14	1.48	1.46	1.48	1.32	1.34	1.53	0.87	0.86	0.75	1.53	0.04	3.0%
NC_1275	30	4509	2.56	2.57	0.16	2.58	2.08	2.40	2.33	2.16	2.60	1.78	1.66	1.43	2.60	0.02	0.8%
NC_1276	20	4434	0.89	0.88	0.14	0.89	0.87	0.83	0.89	0.87	0.91	0.45	0.45	0.39	0.91	0.02	1.7%
NC_1277	45	4542	0.91	0.86	0.14	0.90	0.80	0.88	0.73	0.88	0.95	0.64	0.63	0.55	0.95	0.05	6.0%
NC_1278	15	4412	6.73	6.80	0.48	6.80	7.07	6.66	6.86	5.67	6.78	3.23	3.20	2.78	7.07	0.27	4.0%
NC_1279	15	4412	9.87	9.99	0.47	10.07	10.40	10.28	9.88	8.27	10.27	5.10	5.09	4.44	10.40	0.33	3.3%
NC_1280	10	4376	1.51	1.53	0.07	1.53	1.52	1.41	1.56	1.32	1.47	0.65	0.64	0.56	1.56	0.03	1.7%
NC_1281	15	4410	0.64	0.64	0.06	0.65	0.65	0.57	0.66	0.58	0.64	0.28	0.26	0.23	0.66	0.01	1.2%
NC_1282	15	4410	0.45	0.44	0.05	0.44	0.44	0.40	0.46	0.44	0.46	0.20	0.20	0.17	0.46	0.02	4.8%
NC_1283	15	4411	6.45	6.55	0.49	6.61	6.70	6.34	6.59	5.57	6.48	3.07	3.04	2.64	6.70	0.09	1.3%
NC_1284	10	4376	1.04	1.05	0.05	1.06	1.04	0.96	1.08	0.92	1.02	0.45	0.44	0.38	1.08	0.01	1.4%
NC_1285	15	4410	0.54	0.54	0.06	0.54	0.54	0.49	0.56	0.53	0.56	0.25	0.25	0.21	0.56	0.02	3.1%
NC_1286	15	4410	0.45	0.45	0.05	0.45	0.45	0.41	0.46	0.44	0.46	0.20	0.20	0.17	0.46	0.01	2.9%
NC_1287	20	4434	0.41	0.42	0.07	0.42	0.40	0.38	0.42	0.42	0.43	0.20	0.20	0.17	0.43	0.01	3.3%
NC_1288	15	4412	1.34	1.33	0.14	1.34	1.32	1.26	1.38	1.25	1.34	0.62	0.62	0.54	1.38	0.04	3.0%
NC_1289	15	4410	0.41	0.41	0.05	0.41	0.41	0.38	0.42	0.41	0.43	0.19	0.19	0.16	0.43	0.02	4.9%
NC_1290	20	4435	0.78	0.77	0.13	0.77	0.76	0.73	0.77	0.77	0.80	0.40	0.40	0.35	0.80	0.03	3.6%
NC_1291	20	4435	0.48	0.48	0.08	0.49	0.46	0.44	0.48	0.49	0.50	0.24	0.23	0.20	0.50	0.01	2.0%
NC_1292	20	4435	0.53	0.52	0.10	0.55	0.50	0.48	0.50	0.55	0.55	0.29	0.29	0.25	0.55	0.00	-0.2%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_1293	20	4435	0.84	0.82	0.14	0.85	0.81	0.77	0.79	0.85	0.84	0.47	0.46	0.40	0.85	-0.01	-0.6%
NC_1294	20	4436	1.22	1.19	0.16	1.19	1.22	1.19	1.09	1.19	1.24	0.74	0.72	0.63	1.24	0.05	4.2%
NC_1295	20	4435	0.39	0.39	0.07	0.40	0.36	0.35	0.38	0.40	0.40	0.19	0.19	0.17	0.40	0.00	0.8%
NC_1296	20	4436	3.06	2.98	0.40	3.02	3.17	3.02	2.95	2.85	3.21	1.75	1.72	1.51	3.21	0.19	6.4%
NC_1297	30	4513	4.31	4.32	0.38	4.32	3.63	4.15	3.95	3.71	4.45	3.03	2.87	2.54	4.45	0.13	2.9%
NC_1298	15	4410	0.46	0.46	0.05	0.46	0.46	0.42	0.47	0.45	0.47	0.21	0.20	0.18	0.47	0.01	3.0%
NC_1299	20	4434	0.42	0.43	0.07	0.43	0.41	0.38	0.43	0.43	0.44	0.20	0.20	0.17	0.44	0.01	2.6%
NC_1300	20	4434	0.46	0.46	0.08	0.46	0.44	0.42	0.46	0.46	0.48	0.22	0.22	0.19	0.48	0.02	3.7%
NC_1301	60	4572	21.15	21.64	2.01	21.77	10.04	11.72	11.63	11.53	19.46	21.67	16.61	17.34	21.67	-0.11	-0.5%
NC_1302	15	4410	0.47	0.46	0.06	0.46	0.46	0.43	0.48	0.46	0.48	0.22	0.21	0.18	0.48	0.02	5.2%
NC_1303	20	4436	0.63	0.61	0.08	0.62	0.63	0.62	0.56	0.61	0.64	0.36	0.36	0.31	0.64	0.02	3.1%
NC_1304	30	4509	3.89	3.89	0.41	3.89	3.46	3.87	3.60	3.47	4.07	2.68	2.57	2.25	4.07	0.18	4.7%
NC_1305	15	4412	0.46	0.45	0.06	0.45	0.45	0.42	0.47	0.45	0.48	0.22	0.21	0.18	0.48	0.03	5.6%
NC_1306	20	4434	0.80	0.80	0.12	0.82	0.79	0.76	0.82	0.78	0.82	0.39	0.39	0.34	0.82	0.00	0.4%
NC_1307	20	4434	1.23	1.20	0.17	1.22	1.23	1.18	1.22	1.18	1.26	0.65	0.64	0.56	1.26	0.04	3.4%
NC_1308	15	4410	0.43	0.43	0.05	0.43	0.43	0.39	0.44	0.42	0.45	0.20	0.19	0.17	0.45	0.02	3.7%
NC_1309	15	4412	0.74	0.73	0.09	0.74	0.73	0.70	0.76	0.72	0.76	0.35	0.35	0.30	0.76	0.02	3.1%
NC_1310	20	4436	4.10	4.06	0.47	4.16	4.28	4.16	3.97	3.70	4.36	2.36	2.34	2.05	4.36	0.20	4.8%
NC_1311	20	4436	3.09	3.01	0.39	3.06	3.19	3.06	2.96	2.88	3.25	1.77	1.75	1.54	3.25	0.19	6.2%
NC_1312	20	4435	0.85	0.82	0.12	0.84	0.84	0.80	0.81	0.84	0.85	0.45	0.45	0.39	0.85	0.01	1.1%
NC_1313	20	4434	1.04	1.02	0.16	1.03	1.02	0.97	1.03	1.01	1.05	0.53	0.52	0.45	1.05	0.02	1.9%
NC_1314	15	4410	0.44	0.44	0.05	0.44	0.44	0.40	0.45	0.43	0.46	0.20	0.20	0.17	0.46	0.02	3.6%
NC_1315	20	4434	0.45	0.46	0.08	0.46	0.44	0.41	0.46	0.46	0.47	0.22	0.22	0.19	0.47	0.01	2.6%
NC_1316	20	4435	0.46	0.46	0.08	0.47	0.44	0.42	0.46	0.47	0.48	0.23	0.22	0.20	0.48	0.01	1.7%
NC_1317	20	4435	1.68	1.61	0.25	1.63	1.68	1.59	1.59	1.63	1.72	0.94	0.92	0.81	1.72	0.09	5.7%
NC_1318	15	4412	0.51	0.50	0.06	0.51	0.50	0.47	0.52	0.51	0.53	0.24	0.24	0.21	0.53	0.02	4.5%
NC_1319	60	4563	5.11	5.09	0.10	5.11	3.39	3.88	3.86	3.79	4.87	5.11	4.60	4.04	5.11	0.00	0.1%
NC_1320	20	4434	0.91	0.90	0.14	0.92	0.89	0.86	0.92	0.87	0.93	0.44	0.44	0.38	0.93	0.01	0.5%
NC_1321	30	4509	4.36	4.39	0.22	4.41	3.66	4.10	4.00	3.80	4.42	3.36	3.07	2.65	4.42	0.01	0.2%
NC_1322	30	4509	4.35	4.38	0.20	4.40	3.60	4.06	3.97	3.77	4.44	3.40	3.09	2.65	4.44	0.04	0.8%
NC_1323	20	4435	0.26	0.25	0.05	0.27	0.24	0.22	0.24	0.27	0.27	0.14	0.14	0.12	0.27	0.00	1.1%
NC_1324	45	4541	14.20	13.87	0.80	13.88	10.01	11.88	11.62	11.19	13.86	12.87	10.65	10.23	13.86	-0.03	-0.2%
NC_1325	45	4536	4.30	4.20	0.50	4.26	3.60	4.00	3.62	3.82	4.26	3.38	3.11	2.83	4.26	0.00	0.0%
NC_1326	20	4435	0.29	0.28	0.06	0.31	0.26	0.25	0.25	0.31	0.29	0.16	0.16	0.14	0.31	0.00	-1.3%
NC_1327	45	4539	4.29	4.20	0.33	4.24	3.02	3.59	3.49	3.36	4.09	3.73	3.18	2.96	4.09	-0.15	-3.6%
NC_1328	20	4436	0.64	0.62	0.09	0.62	0.66	0.62	0.61	0.61	0.65	0.35	0.35	0.30	0.66	0.04	6.3%
NC_1329	20	4435	0.45	0.45	0.09	0.47	0.42	0.40	0.43	0.47	0.47	0.25	0.24	0.21	0.47	0.00	0.9%
NC_1330	45	4478	1.90	1.84	0.23	1.85	1.50	1.76	1.62	1.66	1.85	1.47	1.37	1.26	1.85	0.00	0.1%
NC_1331	45	4542	0.55	0.53	0.08	0.56	0.49	0.54	0.46	0.54	0.58	0.40	0.39	0.34	0.58	0.02	3.0%
NC_1332	20	4435	0.44	0.43	0.08	0.46	0.40	0.40	0.36	0.46	0.43	0.27	0.27	0.23	0.46	0.00	0.9%
NC_1333	45	4540	3.22	3.15	0.32	3.16	2.50	2.86	2.70	2.68	3.01	2.76	2.38	2.28	3.01	-0.15	-4.9%
NC_1334	45	4540	2.31	2.23	0.26	2.25	1.61	1.94	1.85	1.82	2.16	1.93	1.73	1.61	2.16	-0.09	-3.8%
NC_1335	45	4542	3.39	3.24	0.48	3.37	3.32	3.42	2.97	3.22	3.59	2.46	2.36	2.11	3.59	0.22	6.6%
NC_1336	20	4436	2.48	2.46	0.24	2.53	2.55	2.53	2.34	2.28	2.64	1.69	1.62	1.48	2.64	0.11	4.5%
NC_1337	20	4436	5.47	5.48	0.44	5.62	5.34	5.62	4.97	5.08	5.86	3.83	3.70	3.31	5.86	0.24	4.3%
NC_1338	20	4435	1.16	1.12	0.19	1.17	1.12	1.07	1.07	1.17	1.17	0.66	0.65	0.56	1.17	0.00	-0.1%
NC_1339	45	4478	0.60	0.57	0.09	0.57	0.44	0.52	0.46	0.54	0.56	0.47	0.45	0.41	0.56	-0.01	-1.2%
NC_1340	20	4435	0.39	0.39	0.07	0.40	0.36	0.35	0.37	0.40	0.40	0.20	0.20	0.17	0.40	0.00	0.5%
NC_1341	20	4435	0.90	0.88	0.12	0.91	0.83	0.85	0.77	0.91	0.88	0.62	0.59	0.53	0.91	0.00	0.2%
NC_1342	45	4536	0.46	0.44	0.07	0.45	0.38	0.42	0.36	0.45	0.45	0.34	0.32	0.29	0.45	0.00	0.9%
NC_1343	20	4435	1.73	1.69	0.21	1.70	1.66	1.68	1.51	1.70	1.77	1.21	1.16	1.04	1.77	0.07	4.1%
NC_1344	20	4435	0.55	0.54	0.10	0.57	0.49	0.50	0.45	0.58	0.53	0.35	0.34	0.30	0.58	0.01	0.9%
NC_1345	20	4435	0.29	0.29	0.05	0.31	0.26	0.27	0.21	0.31	0.28	0.18	0.18	0.16	0.31	0.00	0.0%
NC_1346	20	4435	0.35	0.35	0.07	0.38	0.32	0.32	0.31	0.38	0.36	0.20	0.20	0.18	0.38	-0.01	-1.3%
NC_1347	20	4435	1.86	1.82	0.28	1.88	1.75	1.77	1.54	1.88	1.88	1.18	1.16	1.01	1.88	0.00	0.0%
NC_1348	20	4435	0.39	0.40	0.07	0.40	0.38	0.36	0.40	0.40	0.41	0.19	0.19	0.16	0.41	0.01	3.5%
NC_1349	20	4435	1.19	1.16	0.19	1.17	1.17	1.11	1.14	1.17	1.19	0.65	0.64	0.56	1.19	0.02	1.7%
NC_1350	20	4436	6.11	6.08	0.63	6.25	6.15	6.25	5.67	5.59	6.60	3.90	3.82	3.36	6.60	0.35	5.6%
NC_1351	20	4435	0.83	0.81	0.14	0.82	0.80	0.77	0.80	0.82	0.84	0.44	0.43	0.37	0.84	0.02	2.1%
NC_1352	20	4435	0.50	0.50	0.09	0.50	0.48	0.45	0.50	0.50	0.52	0.25	0.24	0.21	0.52	0.02	3.4%
NC_1353	20	4435	0.42	0.42	0.08	0.43	0.39	0.38	0.41	0.43	0.44	0.21	0.21	0.18	0.44	0.01	1.4%
NC_1354	20	4435	1.20	1.16	0.19	1.19	1.18	1.11	1.14	1.19	1.20	0.67	0.66	0.58	1.20	0.01	0.6%
NC_1355	20	4435	0.80	0.79	0.13	0.79	0.77	0.74	0.78	0.79	0.81	0.42	0.41	0.36	0.81	0.02	2.8%
NC_1356	20	4440	6.36	6.38	0.59	6.57	6.40	6.60	6.01	5.74	6.93	4.15	4.05	3.57	6.93	0.36	5.5%
NC_1357	15	4410	0.28	0.28	0.04	0.28	0.28	0.26	0.29	0.28	0.30	0.13	0.12	0.11	0.30	0.02	5.7%
NC_1358	20	4436	1.65	1.59	0.20	1.63	1.69	1.63	1.51	1.56	1.70	0.96	0.95	0.83	1.70	0.07	4.3%
NC_1359	20	4434	0.46	0.47	0.08	0.47	0.45	0.42	0.47	0.47	0.48	0.22	0.22	0.19	0.48	0.01	2.3%
NC_1360	20	4435	0.82	0.81	0.13	0.81	0.79	0.76	0.80	0.81	0.84	0.43	0.42	0.37	0.84	0.03	3.7%
NC_1361	60	4568	2.65	2.71	0.16	2.72	1.39	1.75	1.73	1.73	2.45	2.79	2.50	2.58	2.79	0.07	2.7%
NC_1362	20	4436	1.92	1.85	0.25	1.89	1.97	1.89	1.82	1.80	2.00	1.12	1.10	0.96	2.00	0.11	5.7%
NC_1363	20	4435	1.60	1.54	0.24	1.57	1.60	1.51	1.52	1.57	1.63	0.90	0.89	0.77	1.63	0.06	3.8%
NC_1364	20	4434	0.69	0.68	0.11	0.69	0.67	0.64	0.69	0.68	0.71	0.35	0.34	0.30	0.71	0.02	2.6%
NC_1365	20	4436	4.27	4.22	0.47	4.34	4.43	4.34	4.08	3.89	4.54	2.52	2.49	2.19	4.54	0.20	4.7%
NC_1366	20	4436	2.62	2.54	0.34	2.58	2.70	2.58	2.50	2.46	2.73	1.51	1.49	1.31	2.73	0.15	5.6%
NC_1367	20	4435	1.26	1.21	0.18	1.21	1.28	1.21	1.20	1.21	1.29	0.70	0.69	0.60	1.29	0.08	6.6%
NC_1368	45	4539	1.94	1.88	0.22	1.89	1.69	1.80	1.57	1.81	1.88	1.59	1.44	1.37	1.88	-0.01	-0.8%

ARR2019 Results for 5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_1369	15	4412	0.41	0.41	0.05	0.41	0.41	0.38	0.42	0.41	0.43	0.19	0.19	0.17	0.43	0.02	5.4%
NC_1370	20	4435	0.91	0.89	0.15	0.91	0.89	0.84	0.88	0.91	0.92	0.50	0.49	0.43	0.92	0.01	0.8%
NC_1371	180	4659	19.11	18.65	2.98	18.90	6.12	7.39	7.31	7.24	13.33	18.74	18.90	17.36	18.90	0.00	0.0%
NC_1372	20	4435	0.96	0.93	0.15	0.94	0.94	0.90	0.92	0.94	0.99	0.53	0.52	0.45	0.99	0.05	4.8%
NC_1373	180	4662	15.13	14.79	2.52	14.95	4.01	5.21	5.11	5.07	11.14	15.56	14.62	13.35	15.56	0.61	4.1%
NC_1374	15	4410	0.28	0.27	0.04	0.27	0.27	0.25	0.29	0.28	0.29	0.13	0.13	0.11	0.29	0.02	8.9%
NC_1375	20	4435	0.55	0.54	0.10	0.57	0.52	0.50	0.52	0.57	0.57	0.30	0.30	0.26	0.57	0.00	-0.2%
NC_1376	20	4435	1.09	1.06	0.17	1.07	1.07	1.02	1.05	1.07	1.11	0.59	0.58	0.51	1.11	0.04	3.6%
NC_1377	20	4435	0.42	0.42	0.07	0.44	0.36	0.39	0.31	0.44	0.41	0.29	0.28	0.25	0.44	0.00	0.7%
NC_1378	20	4435	0.35	0.34	0.07	0.37	0.32	0.31	0.30	0.37	0.35	0.21	0.20	0.18	0.37	0.00	0.5%
NC_1379	45	4542	1.64	1.60	0.22	1.65	1.53	1.61	1.38	1.53	1.69	1.25	1.18	1.07	1.69	0.04	2.5%
NC_1380	20	4436	1.91	1.85	0.25	1.86	1.96	1.86	1.84	1.79	1.97	1.14	1.11	0.98	1.97	0.11	5.9%
NC_1381	20	4435	0.39	0.38	0.07	0.41	0.35	0.35	0.32	0.41	0.38	0.23	0.23	0.20	0.41	0.00	-0.2%
NC_1382	20	4435	0.59	0.59	0.10	0.59	0.56	0.54	0.59	0.59	0.61	0.30	0.29	0.26	0.61	0.02	3.2%
NC_1383	20	4436	1.11	1.08	0.13	1.10	1.09	1.10	0.96	1.07	1.14	0.69	0.68	0.59	1.14	0.04	3.6%
NC_1384	20	4435	0.80	0.79	0.14	0.80	0.78	0.74	0.77	0.80	0.82	0.43	0.42	0.37	0.82	0.02	2.1%
NC_1385	15	4410	0.50	0.50	0.06	0.50	0.50	0.45	0.52	0.47	0.51	0.22	0.22	0.19	0.52	0.02	3.0%
NC_1386	60	4565	11.63	11.90	0.93	11.93	6.10	7.54	7.44	7.17	10.75	12.30	9.98	9.84	12.30	0.37	3.1%
NC_1387	20	4436	1.19	1.17	0.13	1.18	1.16	1.18	1.02	1.17	1.22	0.81	0.77	0.69	1.22	0.04	3.1%
NC_1388	45	4540	1.45	1.41	0.15	1.41	1.09	1.27	1.20	1.20	1.37	1.21	1.07	1.00	1.37	-0.04	-3.1%
NC_1389	20	4435	0.38	0.38	0.07	0.40	0.36	0.34	0.37	0.40	0.40	0.20	0.20	0.18	0.40	0.00	0.3%
NC_1390	20	4435	1.48	1.45	0.23	1.45	1.47	1.39	1.44	1.45	1.50	0.80	0.79	0.68	1.50	0.05	3.7%
NC_1391	20	4435	0.47	0.47	0.08	0.48	0.45	0.43	0.47	0.48	0.49	0.24	0.23	0.20	0.49	0.01	2.1%
NC_1392	20	4435	0.70	0.70	0.12	0.70	0.68	0.65	0.69	0.70	0.72	0.36	0.36	0.31	0.72	0.02	2.7%
NC_1393	60	4565	16.50	16.95	1.43	17.01	9.74	11.83	11.67	11.19	15.52	17.28	13.90	13.79	17.28	0.27	1.6%
NC_1394	60	4569	4.58	4.70	0.47	4.71	3.49	4.07	3.93	3.73	4.54	4.30	3.46	3.40	4.54	-0.17	-3.5%
NC_1395	60	4565	4.61	4.71	0.49	4.77	3.66	4.22	4.04	3.84	4.59	4.28	3.42	3.42	4.59	-0.18	-3.9%
NC_1396	45	4478	1.00	0.96	0.14	0.99	0.86	0.97	0.85	0.92	1.02	0.74	0.71	0.63	1.02	0.03	2.9%
NC_1397	15	4412	0.52	0.51	0.06	0.51	0.51	0.48	0.53	0.52	0.54	0.25	0.24	0.21	0.54	0.03	6.3%
NC_1398	20	4436	1.23	1.22	0.12	1.25	1.25	1.25	1.12	1.15	1.28	0.71	0.70	0.61	1.28	0.02	2.0%
NC_1399	15	4412	0.46	0.45	0.06	0.45	0.45	0.42	0.47	0.45	0.48	0.22	0.21	0.19	0.48	0.03	5.6%
NC_1400	20	4435	0.42	0.43	0.08	0.44	0.40	0.38	0.42	0.44	0.44	0.22	0.21	0.19	0.44	0.00	0.5%
NC_1401	15	4410	0.65	0.65	0.06	0.66	0.66	0.63	0.66	0.59	0.66	0.31	0.31	0.27	0.66	0.00	0.3%
NC_1402	15	4408	0.03	0.03	0.00	0.03	0.03	0.03	0.03	0.03	0.03	0.01	0.01	0.01	0.03	0.00	10.0%
NC_1403	20	4435	0.64	0.63	0.09	0.64	0.61	0.61	0.58	0.64	0.63	0.40	0.39	0.34	0.64	0.00	0.3%
NC_1404	20	4434	1.04	1.01	0.14	1.01	1.04	0.99	1.01	1.00	1.05	0.61	0.60	0.53	1.05	0.04	4.3%
NC_1405	30	4513	1.33	1.33	0.14	1.34	1.18	1.34	1.22	1.29	1.38	0.85	0.84	0.73	1.38	0.04	2.8%
NC_1406	15	4409	0.04	0.04	0.00	0.04	0.04	0.03	0.04	0.03	0.04	0.01	0.01	0.01	0.04	0.00	-10.0%
NC_1407	20	4444	0.14	0.14	0.03	0.15	0.13	0.13	0.13	0.15	0.15	0.07	0.07	0.06	0.15	0.00	2.7%
NC_1408	20	4435	1.10	1.07	0.17	1.09	1.08	1.02	1.05	1.09	1.10	0.61	0.60	0.52	1.10	0.01	1.3%
NC_1409	20	4435	0.59	0.59	0.11	0.61	0.56	0.54	0.58	0.61	0.61	0.31	0.31	0.27	0.61	0.00	0.5%
NC_1410	15	4410	0.48	0.48	0.06	0.48	0.48	0.43	0.49	0.46	0.49	0.22	0.21	0.19	0.49	0.01	2.7%
NC_1411	15	4412	0.98	0.97	0.11	0.97	0.96	0.91	1.00	0.96	1.01	0.48	0.47	0.41	1.01	0.03	3.6%
NC_1412	20	4436	1.13	1.13	0.11	1.17	1.16	1.17	1.06	1.03	1.20	0.65	0.65	0.56	1.20	0.03	2.3%
NC_1413	15	4410	0.21	0.21	0.03	0.21	0.21	0.19	0.21	0.21	0.22	0.09	0.09	0.08	0.22	0.01	4.3%
NC_1414	15	4410	0.52	0.52	0.06	0.53	0.53	0.47	0.54	0.49	0.53	0.23	0.22	0.19	0.54	0.01	1.5%
NC_1415	20	4440	2.65	2.67	0.17	2.71	2.62	2.76	2.50	2.41	2.79	1.61	1.58	1.42	2.79	0.08	2.8%
NC_1416	20	4434	1.24	1.21	0.15	1.22	1.27	1.20	1.22	1.16	1.27	0.72	0.70	0.63	1.27	0.05	3.9%
NC_1417	20	4436	1.88	1.89	0.16	1.94	1.93	1.94	1.76	1.73	1.97	1.13	1.11	1.00	1.97	0.03	1.3%
NC_1418	15	4409	0.55	0.56	0.05	0.56	0.55	0.48	0.56	0.49	0.54	0.23	0.22	0.19	0.56	0.00	0.4%
NC_1419	30	4509	2.65	2.68	0.23	2.71	2.45	2.72	2.59	2.37	2.78	1.72	1.64	1.48	2.78	0.07	2.6%
NC_1420	20	4440	5.34	5.37	0.31	5.46	5.15	5.52	5.04	4.95	5.67	3.38	3.26	2.90	5.67	0.21	3.8%
NC_1421	60	4475	28.49	28.50	1.48	28.62	16.07	19.58	19.45	19.02	27.50	29.25	26.84	24.29	29.25	0.63	2.2%
NC_1422	10	4376	1.12	1.13	0.05	1.13	1.12	1.02	1.16	0.95	1.07	0.47	0.45	0.39	1.16	0.03	2.3%
NC_1423	20	4434	3.27	3.26	0.39	3.32	3.38	3.20	3.32	2.99	3.34	1.75	1.72	1.51	3.38	0.06	1.7%
NC_1424	20	4435	0.32	0.31	0.06	0.34	0.29	0.29	0.26	0.34	0.31	0.19	0.19	0.16	0.34	0.00	-0.6%
NC_1425	60	4573	20.26	20.53	1.26	20.84	11.24	13.78	13.65	13.27	19.17	21.19	18.82	17.17	21.19	0.35	1.7%
NC_1426	20	4435	1.24	1.20	0.18	1.21	1.24	1.18	1.17	1.21	1.24	0.70	0.69	0.60	1.24	0.03	2.6%
NC_1427	15	4410	2.59	2.62	0.22	2.66	2.66	2.53	2.64	2.26	2.58	1.23	1.22	1.06	2.66	0.00	0.2%
NC_1428	10	4376	1.35	1.37	0.06	1.38	1.36	1.25	1.40	1.16	1.30	0.58	0.55	0.48	1.40	0.02	1.4%
NC_1429	15	4410	1.04	1.05	0.09	1.05	1.05	0.93	1.07	0.92	1.01	0.44	0.42	0.36	1.07	0.02	1.9%
NC_1430	15	4410	1.07	1.07	0.11	1.07	1.07	0.98	1.11	0.99	1.07	0.47	0.46	0.40	1.11	0.03	3.3%
NC_1431	10	4376	1.24	1.25	0.06	1.25	1.25	1.14	1.28	1.07	1.20	0.53	0.51	0.44	1.28	0.03	2.2%
NC_1432	15	4410	1.75	1.75	0.17	1.77	1.77	1.69	1.78	1.61	1.77	0.86	0.85	0.74	1.78	0.00	0.3%
NC_1433	15	4412	6.32	6.36	0.41	6.38	6.70	6.39	6.32	5.40	6.48	3.22	3.21	2.79	6.70	0.32	5.0%
NC_1434	20	4440	10.14	10.19	0.92	10.38	10.63	10.58	9.99	8.92	10.72	5.73	5.67	4.97	10.72	0.34	3.2%
NC_1435	20	4436	2.12	2.13	0.18	2.18	2.16	2.18	1.98	1.93	2.22	1.22	1.22	1.07	2.22	0.04	1.9%
NC_1436	20	4435	0.53	0.52	0.10	0.56	0.50	0.48	0.49	0.56	0.54	0.31	0.30	0.26	0.56	0.00	-0.4%
NC_1437	15	4410	0.49	0.49	0.06	0.49	0.49	0.45	0.51	0.48	0.51	0.22	0.22	0.19	0.51	0.02	3.5%
NC_1438	15	4410	1.09	1.09	0.11	1.09	1.09	1.00	1.13	1.02	1.10	0.49	0.48	0.42	1.13	0.04	3.5%
NC_1439	20	4435	0.28	0.28	0.05	0.30	0.24	0.26	0.21	0.30	0.28	0.19	0.19	0.16	0.30	0.00	0.0%
NC_1440	15	4410	1.50	1.50	0.15	1.51	1.51	1.44	1.51	1.40	1.53	0.75	0.74	0.65	1.53	0.02	1.2%
NC_1441	15	4410	0.48	0.48	0.05	0.48	0.48	0.43	0.49	0.45	0.49	0.21	0.20	0.18	0.49	0.01	2.3%
NC_1442	15	4410	0.84	0.83	0.09	0.83	0.83	0.78	0.85	0.81	0.86	0.41	0.40	0.35	0.86	0.03	3.3%
NC_1443	20	4440	8.87	8.89	0.73	9.08	8.98	9.28	8.59	7.85	9.53	5.36	5.26	4.61	9.53	0.45	5.0%
NC_1444	15	4410	0.46	0.46	0.05	0.46	0.46	0.41	0.47	0.44	0.47	0.20	0.20	0.17	0.47	0.01	3.0%

ARR2019 Results for 5%AEP Event																	
Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_1445	15	4410	0.49	0.49	0.06	0.49	0.49	0.45	0.51	0.48	0.51	0.22	0.22	0.19	0.51	0.02	3.5%
NC_1446	20	4440	4.10	4.10	0.33	4.18	4.18	4.30	3.96	3.64	4.40	2.72	2.61	2.32	4.40	0.22	5.2%
NC_1447	15	4410	0.45	0.45	0.05	0.45	0.45	0.41	0.46	0.43	0.46	0.20	0.20	0.17	0.46	0.01	2.4%
NC_1448	60	4475	21.59	21.55	1.50	21.61	11.41	13.54	13.44	13.37	19.93	22.63	19.05	18.71	22.63	1.02	4.7%
NC_1449	15	4412	1.34	1.32	0.14	1.32	1.31	1.27	1.37	1.27	1.35	0.65	0.64	0.55	1.37	0.05	3.8%
NC_1450	15	4410	0.58	0.58	0.06	0.58	0.58	0.52	0.60	0.55	0.59	0.26	0.25	0.22	0.60	0.02	2.8%
NC_1451	15	4412	0.56	0.55	0.07	0.55	0.55	0.51	0.57	0.56	0.58	0.27	0.27	0.23	0.58	0.03	5.5%
NC_1452	15	4412	0.51	0.50	0.06	0.50	0.50	0.47	0.52	0.51	0.53	0.24	0.24	0.21	0.53	0.03	5.8%
NC_1453	15	4410	0.48	0.47	0.06	0.47	0.47	0.43	0.49	0.46	0.49	0.22	0.21	0.19	0.49	0.02	4.5%
NC_1454	20	4434	1.35	1.33	0.19	1.38	1.33	1.29	1.38	1.29	1.37	0.67	0.66	0.57	1.38	0.00	-0.3%
NC_1455	60	4565	1.30	1.31	0.21	1.36	0.89	1.07	0.98	1.08	1.15	1.10	0.99	0.94	1.15	-0.21	-15.4%
NC_1456	20	4435	0.38	0.37	0.07	0.40	0.35	0.33	0.35	0.40	0.39	0.20	0.20	0.18	0.40	-0.01	-1.3%
NC_1457	45	4536	0.42	0.40	0.06	0.41	0.32	0.38	0.32	0.41	0.41	0.31	0.30	0.27	0.41	0.00	-0.5%
NC_1458	15	4412	0.92	0.90	0.10	0.90	0.90	0.85	0.94	0.91	0.95	0.46	0.45	0.39	0.95	0.04	5.0%
NC_1459	20	4435	0.31	0.31	0.06	0.33	0.27	0.29	0.22	0.33	0.30	0.20	0.20	0.17	0.33	0.00	-0.6%
NC_1460	45	4541	1.06	1.00	0.14	1.01	0.82	0.94	0.86	0.91	1.00	0.84	0.79	0.72	1.00	-0.02	-1.5%
NC_1461	45	4536	1.36	1.32	0.17	1.34	1.20	1.28	1.12	1.26	1.34	1.06	0.99	0.90	1.34	0.00	0.0%
NC_1462	45	4536	1.54	1.51	0.20	1.55	1.42	1.48	1.28	1.43	1.55	1.19	1.11	1.03	1.55	0.00	0.0%
NC_1463	20	4436	4.53	4.44	0.47	4.49	4.43	4.49	4.07	4.38	4.66	3.07	2.89	2.65	4.66	0.17	3.8%
NC_1464	20	4434	0.44	0.45	0.08	0.45	0.43	0.40	0.45	0.45	0.46	0.21	0.21	0.18	0.46	0.01	3.1%
NC_1465	20	4440	7.08	7.12	0.52	7.25	6.97	7.39	6.73	6.35	7.68	4.90	4.67	4.28	7.68	0.43	5.9%
NC_1466	15	4410	0.47	0.46	0.06	0.46	0.46	0.43	0.48	0.46	0.49	0.22	0.22	0.19	0.49	0.03	5.9%
NC_1467	15	4412	0.42	0.41	0.05	0.41	0.41	0.38	0.43	0.42	0.44	0.20	0.20	0.17	0.44	0.03	7.6%
NC_1468	20	4434	0.45	0.45	0.08	0.46	0.44	0.41	0.46	0.45	0.47	0.22	0.22	0.19	0.47	0.01	2.2%
NC_1469	20	4434	1.04	1.03	0.15	1.05	1.02	0.98	1.05	1.00	1.06	0.52	0.51	0.44	1.06	0.00	0.5%
NC_1470	15	4410	0.46	0.46	0.06	0.46	0.46	0.42	0.47	0.46	0.48	0.22	0.21	0.19	0.48	0.02	4.6%
NC_1471	20	4434	1.10	1.08	0.16	1.11	1.07	1.03	1.11	1.06	1.11	0.55	0.54	0.47	1.11	0.00	0.4%
NC_1472	15	4410	0.42	0.42	0.05	0.42	0.42	0.39	0.43	0.42	0.44	0.20	0.20	0.17	0.44	0.02	5.0%
NC_1473	15	4410	0.44	0.44	0.05	0.44	0.44	0.40	0.46	0.43	0.46	0.20	0.20	0.17	0.46	0.02	4.1%
NC_1474	15	4410	0.47	0.47	0.05	0.47	0.47	0.42	0.48	0.45	0.48	0.21	0.21	0.18	0.48	0.01	2.3%
NC_1475	20	4434	0.72	0.72	0.12	0.72	0.69	0.66	0.72	0.72	0.74	0.36	0.36	0.31	0.74	0.02	2.6%
NC_1476	15	4410	0.30	0.30	0.03	0.30	0.30	0.26	0.30	0.28	0.30	0.13	0.12	0.11	0.30	0.00	1.3%
NC_1477	20	4435	0.80	0.79	0.13	0.79	0.78	0.75	0.78	0.79	0.81	0.42	0.41	0.36	0.81	0.02	3.0%
NC_1478	180	4667	12.08	12.15	0.49	12.28	5.83	6.82	6.80	6.77	9.29	10.99	12.59	11.97	12.59	0.31	2.5%
NC_1479	60	4565	0.92	0.92	0.16	0.93	0.62	0.77	0.68	0.80	0.84	0.78	0.70	0.69	0.84	-0.09	-10.0%
NC_1480	60	4565	2.61	2.63	0.42	2.72	1.43	1.93	1.84	1.90	2.30	2.23	1.97	1.90	2.30	-0.42	-15.4%
NC_1481	60	4565	3.10	3.13	0.49	3.22	1.65	2.23	2.14	2.20	2.72	2.67	2.35	2.21	2.72	-0.50	-15.5%
NC_1482	45	4536	8.93	8.60	1.05	8.61	6.31	7.60	7.13	7.12	8.61	7.15	6.58	5.88	8.61	0.00	0.0%
NC_1483	45	4536	1.68	1.63	0.24	1.67	1.22	1.49	1.38	1.39	1.67	1.26	1.20	1.09	1.67	0.00	-0.3%
NC_1484	45	4536	0.41	0.39	0.06	0.40	0.31	0.37	0.31	0.40	0.40	0.31	0.29	0.27	0.40	0.00	-0.3%
NC_1485	20	4435	0.67	0.66	0.11	0.70	0.60	0.62	0.52	0.70	0.66	0.47	0.45	0.40	0.70	0.00	0.6%
NC_1486	45	4536	0.40	0.38	0.06	0.39	0.30	0.36	0.30	0.38	0.39	0.30	0.29	0.26	0.39	0.00	-0.5%
NC_1487	30	4509	3.68	3.70	0.28	3.72	3.09	3.54	3.44	3.11	3.79	2.54	2.41	2.10	3.79	0.07	2.0%
NC_1488	30	4513	2.14	2.12	0.18	2.12	1.86	2.09	1.94	1.96	2.15	1.68	1.53	1.42	2.15	0.03	1.3%
NC_1489	60	4569	11.60	11.92	0.96	12.05	3.08	5.11	5.05	5.04	10.25	12.50	9.96	9.86	12.50	0.45	3.7%
NC_1490	45	4536	0.56	0.54	0.08	0.54	0.41	0.50	0.43	0.53	0.54	0.44	0.41	0.38	0.54	0.00	-0.4%
NC_1491	20	4440	3.18	3.18	0.31	3.28	3.27	3.29	3.07	2.85	3.40	1.89	1.86	1.63	3.40	0.12	3.7%
NC_1492	15	4412	9.85	10.00	0.48	10.09	10.39	10.22	9.83	8.25	10.25	5.07	5.09	4.41	10.39	0.30	2.9%
NC_1493	60	4565	13.90	13.97	1.40	14.09	12.36	13.49	12.58	12.13	14.12	14.02	11.01	12.51	14.12	0.03	0.2%
NC_1494	20	4434	1.11	1.09	0.17	1.10	1.08	1.04	1.10	1.08	1.12	0.57	0.56	0.49	1.12	0.02	1.5%
NC_1495	15	4410	1.01	1.02	0.09	1.02	1.02	0.91	1.04	0.90	0.99	0.43	0.41	0.35	1.04	0.02	2.2%
NC_1496	20	4434	1.23	1.21	0.17	1.25	1.21	1.17	1.25	1.17	1.24	0.61	0.60	0.52	1.25	0.00	0.1%
NC_1497	20	4434	1.89	1.86	0.24	1.87	1.96	1.84	1.87	1.76	1.91	0.98	0.97	0.84	1.96	0.09	4.6%
NC_1498	20	4435	0.30	0.29	0.06	0.32	0.27	0.26	0.27	0.32	0.31	0.17	0.16	0.14	0.32	0.00	-0.9%
NC_1499	20	4435	0.40	0.40	0.07	0.41	0.38	0.36	0.40	0.41	0.42	0.20	0.19	0.17	0.42	0.01	1.7%
NC_1500	20	4436	2.93	2.86	0.34	2.92	2.96	2.92	2.69	2.75	3.07	1.81	1.77	1.55	3.07	0.15	5.2%
NC_1501	180	4659	22.34	22.99	3.43	23.02	12.51	14.64	14.09	13.65	16.25	18.93	23.02	22.84	23.02	0.00	0.0%
NC_1502	15	4410	0.37	0.37	0.04	0.37	0.37	0.33	0.38	0.36	0.38	0.16	0.16	0.14	0.38	0.01	3.2%
NC_1503	20	4435	1.75	1.69	0.25	1.70	1.77	1.67	1.65	1.70	1.78	0.99	0.97	0.85	1.78	0.08	4.6%
NC_1504	20	4435	0.32	0.32	0.06	0.33	0.29	0.28	0.31	0.33	0.33	0.16	0.16	0.14	0.33	0.00	0.3%
NC_1505	15	4410	0.20	0.19	0.03	0.20	0.20	0.17	0.20	0.19	0.20	0.09	0.08	0.07	0.20	0.00	2.0%
NC_1506	20	4434	1.39	1.35	0.20	1.36	1.38	1.32	1.36	1.35	1.42	0.76	0.74	0.65	1.42	0.06	4.3%
NC_1507	20	4435	1.45	1.42	0.22	1.42	1.44	1.36	1.41	1.42	1.45	0.79	0.78	0.68	1.45	0.03	2.1%
NC_1508	20	4435	0.62	0.62	0.11	0.63	0.58	0.56	0.61	0.63	0.64	0.32	0.32	0.28	0.64	0.01	1.1%
NC_1509	20	4435	0.95	0.95	0.16	0.97	0.91	0.87	0.92	0.97	0.97	0.54	0.53	0.46	0.97	0.00	0.4%
NC_1510	20	4436	2.41	2.34	0.30	2.39	2.48	2.39	2.28	2.25	2.52	1.45	1.42	1.25	2.52	0.13	5.4%
NC_1511	15	4412	0.55	0.54	0.07	0.55	0.54	0.50	0.56	0.54	0.57	0.26	0.26	0.22	0.57	0.02	3.8%
NC_1512	20	4434	1.04	1.02	0.16	1.02	1.02	0.98	1.03	1.01	1.05	0.54	0.53	0.46	1.05	0.03	2.7%
NC_1513	20	4435	1.20	1.16	0.19	1.19	1.19	1.13	1.13	1.19	1.20	0.69	0.68	0.59	1.20	0.01	1.1%
NC_1514	20	4435	0.62	0.62	0.11	0.64	0.58	0.56	0.61	0.64	0.64	0.33	0.33	0.29	0.64	0.00	0.5%
NC_1515	20	4435	0.66	0.66	0.11	0.67	0.62	0.60	0.66	0.67	0.68	0.34	0.34	0.29	0.68	0.01	2.1%
NC_1516	20	4435	0.85	0.85	0.14	0.85	0.81	0.78	0.85	0.85	0.87	0.44	0.43	0.38	0.87	0.02	2.6%
NC_1517	20	4435	1.22	1.19	0.19	1.19	1.21	1.15	1.19	1.19	1.24	0.66	0.65	0.57	1.24	0.05	4.5%
NC_1518	20	4435	0.43	0.43	0.08	0.44	0.40	0.38	0.41	0.44	0.44	0.22	0.22	0.19	0.44	0.00	0.7%
NC_1519	20	4435	0.83	0.80	0.14	0.83	0.81	0.76	0.77	0.83	0.83	0.47	0.46	0.40	0.83	0.00	0.0%
NC_1520	60	4569	5.00	5.13	0.65	5.17	2.65	3.60	3.47	3.26	4.64	4.44	2.98	2.75	4.64	-0.53	-10.2%

ARR2019 Results for 5%AEP Event																	
Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				15 min	20 min	20 min	20 min	45 min	90 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4410	4436	4434	4435	4536	4594	4659	4731		m^3/s	%
NC_1521	20	4435	2.02	1.95	0.30	1.98	2.02	1.91	1.92	1.98	2.06	1.18	1.15	1.01	2.06	0.08	3.9%
NC_1522	20	4434	3.04	2.96	0.41	2.98	3.11	2.95	2.98	2.86	3.14	1.70	1.67	1.46	3.14	0.16	5.2%
NC_1523	20	4436	2.52	2.46	0.29	2.53	2.60	2.53	2.40	2.34	2.66	1.52	1.49	1.32	2.66	0.13	5.1%
NC_1524	20	4434	1.10	1.10	0.17	1.11	1.05	1.02	1.11	1.10	1.13	0.58	0.57	0.50	1.13	0.02	1.6%
NC_1525	45	4541	5.16	5.06	0.56	5.08	2.72	3.88	3.71	3.49	4.77	4.39	2.93	2.76	4.77	-0.31	-6.0%
NC_1526	30	4509	3.17	3.19	0.26	3.19	2.98	3.20	3.04	2.85	3.30	2.21	2.12	1.88	3.30	0.11	3.3%
NC_1527	15	4410	0.71	0.71	0.08	0.71	0.71	0.67	0.73	0.67	0.72	0.33	0.32	0.28	0.73	0.02	3.0%
NC_1528	15	4412	0.49	0.49	0.06	0.49	0.49	0.45	0.51	0.47	0.50	0.22	0.21	0.19	0.51	0.02	3.3%
NC_1529	20	4435	0.34	0.34	0.06	0.34	0.32	0.31	0.34	0.34	0.35	0.16	0.16	0.14	0.35	0.01	4.1%
NC_1530	60	4565	16.80	17.53	2.35	17.67	5.09	8.50	8.29	7.89	14.93	16.23	11.57	13.01	16.23	-1.44	-8.1%
NC_1531	20	4435	0.30	0.31	0.06	0.31	0.29	0.27	0.30	0.31	0.32	0.15	0.14	0.13	0.32	0.01	2.6%
NC_1532	90	4592	11.52	11.60	0.27	11.62	6.81	8.00	7.96	7.87	10.11	11.91	11.64	11.40	11.91	0.29	2.5%
NC_1533	180	4667	11.68	12.01	0.82	12.02	5.95	7.03	7.00	6.96	9.46	11.13	12.18	11.66	12.18	0.16	1.3%
NC_1534	30	4513	3.06	3.05	0.25	3.07	2.51	2.89	2.76	2.64	3.10	2.28	2.12	1.90	3.10	0.03	0.8%
NC_1535	20	4440	4.23	4.26	0.34	4.36	4.21	4.39	3.95	3.84	4.52	2.70	2.64	2.32	4.52	0.16	3.6%
NC_1536	15	4412	0.46	0.45	0.06	0.45	0.45	0.42	0.47	0.45	0.47	0.21	0.21	0.18	0.47	0.02	5.3%
NC_1537	30	4509	1.99	1.99	0.20	2.00	1.72	1.96	1.85	1.74	2.07	1.40	1.34	1.19	2.07	0.07	3.3%
NC_1538	15	4410	1.06	1.07	0.10	1.08	1.08	0.96	1.10	0.95	1.04	0.46	0.43	0.38	1.10	0.02	1.7%

ARR2019 Results for 1%AEP Event																	
Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_1	180	4599	209.29	209.47	15.06	215.96	62.77	111.26	111.74	111.78	193.17	199.29	217.99	184.20	217.99	2.03	0.9%
NC_2	25	4464	0.98	0.98	0.07	0.99	0.56	0.91	0.96	0.94	0.84	0.79	0.51	0.55	0.96	-0.03	-3.4%
NC_3	20	4429	0.51	0.49	0.08	0.49	0.44	0.49	0.49	0.49	0.35	0.32	0.19	0.21	0.49	0.00	0.6%
NC_4	45	4528	1.28	1.27	0.12	1.30	0.57	1.07	1.11	1.10	1.15	1.10	0.71	0.77	1.15	-0.15	-11.5%
NC_5	20	4404	7.23	7.10	0.70	7.11	6.65	6.15	7.22	6.86	4.89	4.75	2.73	3.07	7.22	0.11	1.5%
NC_6	10	4364	1.56	1.57	0.12	1.58	1.58	1.39	1.47	1.45	0.96	0.92	0.52	0.58	1.58	0.00	-0.1%
NC_7	20	4433	1.28	1.19	0.20	1.19	1.28	1.18	1.19	1.19	0.82	0.76	0.43	0.48	1.28	0.09	7.8%
NC_8	20	4433	0.71	0.69	0.08	0.70	0.50	0.68	0.71	0.70	0.54	0.52	0.32	0.35	0.71	0.01	1.1%
NC_9	20	4399	2.20	2.17	0.19	2.17	1.90	2.00	2.19	2.16	1.45	1.42	0.84	0.94	2.19	0.02	1.0%
NC_10	45	4534	6.89	6.84	0.35	6.91	3.54	5.51	5.76	5.74	5.78	6.01	4.00	4.39	6.01	-0.90	-13.0%
NC_11	20	4367	4.25	4.14	0.44	4.19	3.98	3.70	4.20	4.05	2.86	2.76	1.60	1.79	4.20	0.01	0.3%
NC_12	20	4433	0.88	0.84	0.14	0.84	0.83	0.83	0.83	0.84	0.59	0.54	0.31	0.35	0.84	0.00	-0.5%
NC_13	20	4433	0.58	0.56	0.08	0.57	0.45	0.55	0.57	0.57	0.41	0.39	0.23	0.26	0.57	0.00	-0.2%
NC_14	20	4429	1.75	1.65	0.24	1.67	1.74	1.56	1.67	1.64	1.10	1.05	0.60	0.67	1.74	0.07	4.1%
NC_15	30	4498	1.78	1.77	0.14	1.78	0.86	1.50	1.59	1.57	1.57	1.50	0.95	1.04	1.59	-0.19	-10.7%
NC_16	20	4371	0.74	0.69	0.12	0.69	0.73	0.69	0.69	0.69	0.48	0.44	0.25	0.27	0.73	0.04	5.5%
NC_17	20	4433	0.56	0.55	0.08	0.56	0.43	0.54	0.56	0.56	0.41	0.39	0.23	0.26	0.56	0.00	-0.2%
NC_18	20	4433	1.90	1.82	0.21	1.83	1.72	1.75	1.86	1.83	1.32	1.26	0.75	0.84	1.86	0.03	1.7%
NC_19	25	4464	0.93	0.92	0.07	0.93	0.55	0.87	0.91	0.90	0.78	0.74	0.47	0.51	0.91	-0.02	-2.4%
NC_20	20	4433	0.55	0.54	0.07	0.54	0.39	0.52	0.55	0.54	0.40	0.39	0.23	0.26	0.55	0.01	1.9%
NC_21	45	4534	8.41	8.39	0.42	8.48	4.28	6.72	6.94	6.93	7.17	7.33	4.95	5.41	7.33	-1.16	-13.6%
NC_22	20	4429	0.69	0.66	0.10	0.66	0.60	0.66	0.66	0.67	0.48	0.44	0.26	0.29	0.67	0.01	0.8%
NC_23	45	4528	3.08	3.06	0.27	3.16	1.43	2.53	2.67	2.64	2.72	2.66	1.70	1.86	2.72	-0.44	-14.0%
NC_24	20	4399	1.52	1.51	0.11	1.51	1.05	1.42	1.53	1.51	1.20	1.15	0.70	0.77	1.53	0.02	1.5%
NC_25	20	4433	1.02	0.95	0.17	0.95	1.02	0.95	0.95	0.95	0.65	0.61	0.34	0.38	1.02	0.07	6.9%
NC_26	20	4433	0.62	0.59	0.09	0.60	0.51	0.59	0.60	0.60	0.43	0.40	0.24	0.27	0.60	0.00	-0.2%
NC_27	10	4357	0.92	0.92	0.09	0.93	0.93	0.81	0.80	0.80	0.55	0.51	0.28	0.30	0.93	0.00	0.1%
NC_28	20	4433	1.19	1.15	0.14	1.16	1.02	1.13	1.17	1.16	0.86	0.82	0.49	0.55	1.17	0.01	0.6%
NC_29	20	4433	1.18	1.10	0.19	1.10	1.19	1.10	1.10	1.10	0.76	0.71	0.40	0.44	1.19	0.09	7.7%
NC_30	45	4534	11.34	11.45	0.58	11.63	4.57	8.13	8.32	8.30	10.82	10.80	7.71	8.27	10.82	-0.82	-7.0%
NC_31	20	4433	0.56	0.55	0.08	0.55	0.43	0.54	0.56	0.55	0.40	0.39	0.23	0.26	0.56	0.01	1.5%
NC_32	25	4462	1.96	1.97	0.19	1.99	1.27	1.84	1.98	1.94	1.60	1.53	0.94	1.04	1.98	-0.01	-0.7%
NC_33	20	4433	0.59	0.57	0.08	0.58	0.45	0.56	0.58	0.58	0.43	0.41	0.24	0.27	0.58	0.00	0.5%
NC_34	45	4528	15.86	16.02	1.04	16.33	6.64	11.86	12.18	12.15	14.98	14.84	10.37	11.16	14.98	-1.35	-8.3%
NC_35	20	4433	0.91	0.88	0.12	0.89	0.75	0.88	0.89	0.89	0.66	0.62	0.37	0.41	0.89	0.00	0.2%
NC_36	25	4461	3.54	3.59	0.33	3.64	2.39	3.17	3.55	3.44	2.89	2.76	1.68	1.86	3.55	-0.09	-2.6%
NC_37	20	4371	0.75	0.70	0.12	0.71	0.73	0.71	0.70	0.70	0.49	0.45	0.26	0.28	0.73	0.02	3.2%
NC_38	10	4364	0.93	0.93	0.10	0.94	0.94	0.83	0.82	0.82	0.56	0.52	0.29	0.31	0.94	0.00	0.2%
NC_39	20	4433	0.71	0.68	0.10	0.69	0.59	0.68	0.69	0.69	0.50	0.47	0.28	0.31	0.69	0.00	0.0%
NC_40	45	4528	15.82	15.95	0.89	16.30	6.51	11.66	11.98	11.94	14.84	14.91	10.56	11.31	14.91	-1.39	-8.5%
NC_41	20	4433	1.36	1.30	0.15	1.31	1.23	1.25	1.33	1.31	0.89	0.86	0.50	0.56	1.33	0.01	1.1%
NC_42	20	4399	1.10	1.09	0.10	1.09	0.87	1.02	1.11	1.09	0.81	0.78	0.47	0.52	1.11	0.02	1.9%
NC_43	20	4429	1.50	1.44	0.20	1.45	1.43	1.37	1.45	1.43	0.97	0.92	0.53	0.59	1.45	0.00	0.1%
NC_44	20	4371	0.75	0.70	0.13	0.70	0.75	0.70	0.69	0.70	0.48	0.45	0.25	0.27	0.75	0.05	6.7%
NC_45	20	4433	0.98	0.91	0.16	0.91	0.99	0.91	0.90	0.91	0.63	0.58	0.33	0.36	0.99	0.08	8.5%
NC_46	20	4433	0.64	0.62	0.09	0.63	0.49	0.61	0.63	0.63	0.46	0.44	0.26	0.29	0.63	0.00	-0.2%
NC_47	10	4364	1.97	1.98	0.14	1.99	1.99	1.74	1.85	1.82	1.20	1.15	0.66	0.73	1.99	0.00	0.0%
NC_48	20	4433	2.06	1.97	0.22	1.98	1.91	1.86	2.02	1.98	1.33	1.29	0.75	0.85	2.02	0.04	1.8%
NC_49	720	4785	15.47	13.09	6.69	13.42	7.64	10.22	10.31	10.31	13.83	13.16	12.04	11.29	13.83	0.41	3.0%
NC_50	20	4433	0.65	0.64	0.08	0.64	0.47	0.62	0.65	0.64	0.48	0.47	0.28	0.31	0.65	0.01	1.3%
NC_51	20	4367	2.28	2.19	0.26	2.19	2.14	2.02	2.25	2.18	1.48	1.43	0.83	0.92	2.25	0.06	2.7%
NC_52	20	4433	1.95	1.92	0.18	1.92	1.54	1.84	1.94	1.92	1.51	1.44	0.89	0.98	1.94	0.02	1.3%
NC_53	20	4399	3.06	3.03	0.25	3.04	2.19	2.80	3.09	2.99	2.44	2.32	1.42	1.56	3.09	0.04	1.5%
NC_54	20	4429	1.43	1.35	0.21	1.36	1.39	1.30	1.36	1.34	0.91	0.86	0.49	0.55	1.39	0.03	2.1%
NC_55	20	4371	0.70	0.66	0.11	0.66	0.67	0.66	0.66	0.66	0.46	0.43	0.24	0.27	0.67	0.01	0.8%
NC_56	10	4364	0.78	0.79	0.08	0.79	0.79	0.72	0.71	0.72	0.49	0.46	0.25	0.28	0.79	0.00	0.4%
NC_57	20	4433	1.08	1.02	0.16	1.02	1.01	1.01	1.02	1.02	0.72	0.67	0.38	0.43	1.02	0.00	0.0%
NC_58	720	4785	15.50	13.15	6.68	13.47	7.60	10.19	10.28	10.28	13.68	13.02	12.08	11.33	13.68	0.21	1.5%
NC_59	20	4433	1.10	1.02	0.18	1.03	1.10	1.02	1.02	1.03	0.71	0.66	0.37	0.41	1.10	0.07	6.5%
NC_60	20	4371	0.77	0.71	0.13	0.71	0.77	0.71	0.70	0.71	0.49	0.45	0.25	0.28	0.77	0.06	8.9%
NC_61	20	4429	0.85	0.81	0.12	0.81	0.76	0.81	0.81	0.81	0.58	0.54	0.31	0.35	0.81	0.00	0.4%
NC_62	20	4429	8.86	8.82	0.47	8.88	7.41	8.13	8.88	8.75	6.42	6.22	3.86	4.26	8.88	0.00	0.0%
NC_63	10	4364	0.82	0.82	0.09	0.83	0.83	0.75	0.74	0.75	0.51	0.48	0.26	0.29	0.83	0.00	0.0%
NC_64	20	4428	2.34	2.33	0.14	2.36	1.73	2.12	2.37	2.31	1.76	1.69	1.02	1.13	2.37	0.01	0.2%
NC_65	10	4364	1.17	1.18	0.12	1.19	1.19	1.02	1.02	1.03	0.70	0.65	0.36	0.39	1.19	0.00	-0.3%
NC_66	10	4357	0.86	0.87	0.09	0.88	0.88	0.78	0.77	0.78	0.53	0.49	0.27	0.30	0.88	0.00	-0.3%
NC_67	20	4428	2.80	2.79	0.16	2.82	2.14	2.56	2.82	2.77	2.23	2.12	1.33	1.45	2.82	0.00	0.1%
NC_68	10	4364	0.87	0.88	0.09	0.89	0.89	0.77	0.76	0.76	0.52	0.48	0.27	0.29	0.89	-0.01	-0.6%
NC_69	25	4461	3.00	3.03	0.14	3.03	1.91	2.69	2.88	2.87	2.48	2.38	1.52	1.66	2.88	-0.15	-5.0%
NC_70	20	4371	0.76	0.71	0.13	0.71	0.76	0.71	0.70	0.70	0.49	0.45	0.25	0.28	0.76	0.05	7.0%
NC_71	20	4371	0.74	0.69	0.13	0.69	0.73	0.69	0.68	0.69	0.48	0.44	0.25	0.27	0.73	0.04	5.8%
NC_72	20	4371	0.78	0.72	0.13	0.73	0.78	0.73	0.72	0.72	0.50	0.46	0.26	0.28	0.78	0.05	6.6%
NC_73	20	4433	1.68	1.64	0.17	1.65	1.47	1.56	1.66	1.65	1.15	1.12	0.67	0.75	1.66	0.01	0.8%
NC_74	20	4433	0.61	0.59	0.09	0.59	0.51	0.58	0.59	0.59	0.43	0.40	0.23	0.26	0.59	0.00	0.5%
NC_75	20	4429	10.39	10.35	0.58	10.43	8.58	9.42	10.43	10.25	7.56	7.32	4.53	5.01	10.43	0.00	0.0%
NC_76	20	4367	2.39	2.32	0.26	2.33	2.22	2.07	2.37	2.28	1.56	1.52	0.87	0.98	2.37	0.04	1.6%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_77	20	4399	2.91	2.90	0.20	2.90	2.39	2.68	2.92	2.86	2.36	2.24	1.39	1.58	2.92	0.02	0.6%
NC_78	20	4429	0.83	0.78	0.13	0.78	0.80	0.75	0.78	0.77	0.52	0.49	0.28	0.31	0.80	0.02	3.1%
NC_79	20	4433	0.99	0.92	0.16	0.92	0.99	0.92	0.92	0.92	0.64	0.59	0.33	0.37	0.99	0.07	7.9%
NC_80	20	4433	2.01	1.98	0.18	1.98	1.53	1.87	2.02	1.98	1.56	1.49	0.92	1.01	2.02	0.04	1.9%
NC_81	20	4399	1.42	1.39	0.14	1.39	1.22	1.30	1.41	1.39	0.94	0.93	0.54	0.61	1.41	0.02	1.7%
NC_82	25	4461	3.96	4.01	0.31	4.04	2.87	3.56	3.97	3.89	3.04	2.93	1.78	1.97	3.97	-0.07	-1.8%
NC_83	10	4364	1.03	1.03	0.10	1.04	1.04	0.88	0.87	0.88	0.60	0.55	0.30	0.33	1.04	0.00	-0.3%
NC_84	20	4433	0.97	0.91	0.16	0.91	0.95	0.91	0.91	0.91	0.63	0.59	0.33	0.37	0.95	0.04	4.0%
NC_85	20	4429	0.68	0.64	0.10	0.65	0.61	0.64	0.65	0.65	0.46	0.42	0.24	0.27	0.65	0.00	-0.5%
NC_86	15	4401	4.12	3.96	0.39	4.01	3.98	3.43	4.04	3.87	2.56	2.50	1.43	1.60	4.04	0.03	0.7%
NC_87	10	4364	1.28	1.29	0.13	1.30	1.30	1.13	1.13	1.13	0.76	0.71	0.40	0.43	1.30	0.00	0.1%
NC_88	20	4399	3.32	3.17	0.39	3.17	2.85	2.95	3.29	3.16	2.28	2.18	1.25	1.42	3.29	0.12	3.7%
NC_89	20	4433	0.54	0.52	0.07	0.53	0.39	0.51	0.54	0.53	0.39	0.38	0.22	0.25	0.54	0.01	0.9%
NC_90	20	4428	5.68	5.63	0.45	5.63	4.88	5.00	5.68	5.47	4.24	4.05	2.44	2.76	5.68	0.05	0.9%
NC_91	20	4371	0.75	0.70	0.13	0.70	0.74	0.70	0.69	0.69	0.48	0.45	0.25	0.28	0.74	0.04	5.1%
NC_92	20	4433	0.71	0.67	0.11	0.67	0.65	0.67	0.67	0.67	0.47	0.43	0.25	0.28	0.67	0.00	-0.3%
NC_93	20	4433	1.25	1.22	0.14	1.23	1.00	1.20	1.24	1.23	0.94	0.90	0.56	0.61	1.24	0.01	0.8%
NC_94	20	4429	1.70	1.61	0.24	1.62	1.68	1.53	1.62	1.60	1.07	1.02	0.58	0.65	1.68	0.05	3.4%
NC_95	20	4429	1.48	1.40	0.21	1.41	1.46	1.33	1.41	1.39	0.93	0.89	0.51	0.56	1.46	0.05	3.3%
NC_96	20	4399	2.22	2.17	0.21	2.18	1.90	2.02	2.21	2.17	1.48	1.45	0.85	0.95	2.21	0.03	1.6%
NC_97	20	4371	0.76	0.71	0.13	0.71	0.74	0.71	0.71	0.71	0.49	0.46	0.26	0.28	0.74	0.03	4.5%
NC_98	20	4399	2.33	2.27	0.22	2.27	2.09	2.12	2.31	2.27	1.58	1.54	0.91	1.02	2.31	0.04	1.8%
NC_99	20	4404	4.99	4.90	0.49	4.94	4.77	4.26	4.95	4.76	3.20	3.13	1.79	2.01	4.95	0.01	0.3%
NC_100	20	4433	0.87	0.82	0.14	0.82	0.83	0.82	0.82	0.82	0.57	0.53	0.30	0.34	0.83	0.01	0.6%
NC_101	20	4429	2.12	2.02	0.29	2.04	2.04	1.91	2.04	2.00	1.36	1.30	0.74	0.83	2.04	0.00	0.2%
NC_102	720	4443	15.86	13.53	6.75	13.82	7.57	10.19	10.28	10.28	13.58	12.94	12.45	11.57	13.58	-0.24	-1.7%
NC_103	20	4371	0.80	0.74	0.14	0.74	0.81	0.74	0.74	0.74	0.51	0.47	0.26	0.29	0.81	0.07	9.2%
NC_104	20	4433	0.59	0.57	0.08	0.58	0.48	0.57	0.58	0.58	0.42	0.40	0.23	0.26	0.58	0.00	0.2%
NC_105	20	4399	6.65	6.36	0.75	6.40	5.88	5.81	6.61	6.31	4.50	4.35	2.48	2.81	6.61	0.21	3.2%
NC_106	20	4371	0.77	0.71	0.13	0.71	0.78	0.71	0.71	0.71	0.49	0.45	0.25	0.28	0.78	0.07	10.1%
NC_107	20	4433	1.14	1.11	0.13	1.12	0.94	1.07	1.13	1.12	0.80	0.78	0.47	0.52	1.13	0.01	0.7%
NC_108	20	4433	0.93	0.87	0.15	0.87	0.89	0.87	0.87	0.87	0.61	0.56	0.32	0.36	0.89	0.02	2.4%
NC_109	20	4367	9.53	9.58	0.84	9.59	8.59	7.85	9.56	9.10	6.26	6.14	3.48	3.94	9.56	-0.03	-0.3%
NC_110	10	4357	0.83	0.84	0.09	0.84	0.84	0.76	0.75	0.76	0.52	0.48	0.27	0.29	0.84	0.00	0.5%
NC_111	10	4364	0.85	0.85	0.09	0.86	0.86	0.75	0.73	0.74	0.50	0.47	0.26	0.28	0.86	0.00	-0.2%
NC_112	25	4464	0.98	0.97	0.08	0.98	0.57	0.91	0.95	0.94	0.84	0.79	0.50	0.55	0.95	-0.03	-2.8%
NC_113	10	4364	1.08	1.09	0.11	1.10	1.10	0.99	0.99	0.99	0.68	0.63	0.35	0.39	1.10	0.00	-0.1%
NC_114	20	4371	0.87	0.81	0.14	0.81	0.86	0.81	0.80	0.81	0.56	0.52	0.29	0.32	0.86	0.05	5.9%
NC_115	20	4433	0.57	0.55	0.08	0.56	0.44	0.54	0.56	0.56	0.41	0.39	0.23	0.26	0.56	0.00	0.2%
NC_116	20	4429	2.86	2.78	0.32	2.82	2.71	2.47	2.82	2.71	1.85	1.79	1.03	1.15	2.82	0.00	0.1%
NC_117	20	4429	1.55	1.47	0.22	1.48	1.55	1.39	1.48	1.45	0.97	0.92	0.53	0.59	1.55	0.07	4.6%
NC_118	20	4433	0.64	0.62	0.09	0.63	0.51	0.61	0.63	0.63	0.46	0.43	0.26	0.29	0.63	0.00	-0.2%
NC_119	20	4399	7.21	7.08	0.72	7.09	6.22	6.11	7.23	6.81	4.99	4.85	2.76	3.12	7.23	0.14	1.9%
NC_120	20	4429	1.45	1.38	0.20	1.38	1.32	1.36	1.38	1.38	1.00	0.92	0.55	0.61	1.38	0.00	0.2%
NC_121	45	4528	1.26	1.25	0.12	1.28	0.57	1.05	1.09	1.09	1.13	1.08	0.70	0.76	1.13	-0.15	-11.7%
NC_122	20	4371	0.77	0.71	0.13	0.71	0.77	0.71	0.70	0.71	0.49	0.45	0.25	0.28	0.77	0.06	7.7%
NC_123	20	4428	1.65	1.65	0.10	1.66	1.13	1.50	1.67	1.63	1.30	1.24	0.75	0.83	1.67	0.01	0.8%
NC_124	20	4429	24.27	24.29	1.52	24.40	19.65	21.03	24.40	23.69	17.13	16.92	10.15	11.36	24.40	0.00	0.0%
NC_125	10	4357	0.90	0.90	0.09	0.91	0.91	0.78	0.76	0.77	0.52	0.49	0.27	0.29	0.91	0.00	0.0%
NC_126	20	4433	1.39	1.34	0.15	1.34	1.31	1.27	1.36	1.34	0.88	0.85	0.49	0.55	1.36	0.01	1.1%
NC_127	20	4433	0.88	0.82	0.14	0.82	0.86	0.82	0.82	0.82	0.57	0.53	0.30	0.33	0.86	0.04	4.9%
NC_128	20	4429	1.56	1.46	0.23	1.47	1.56	1.40	1.47	1.45	0.97	0.92	0.53	0.58	1.56	0.09	6.3%
NC_129	25	4460	3.83	3.84	0.28	3.86	2.34	3.47	3.71	3.65	3.28	3.10	1.96	2.14	3.71	-0.15	-3.8%
NC_130	20	4371	0.82	0.77	0.14	0.77	0.82	0.77	0.76	0.76	0.53	0.49	0.27	0.30	0.82	0.05	6.9%
NC_131	45	4528	1.70	1.68	0.16	1.72	0.80	1.44	1.52	1.50	1.52	1.44	0.93	1.01	1.52	-0.20	-11.8%
NC_132	20	4371	0.72	0.68	0.12	0.68	0.70	0.68	0.67	0.68	0.47	0.44	0.24	0.27	0.70	0.02	3.5%
NC_133	20	4429	2.32	2.25	0.27	2.28	2.21	2.04	2.28	2.21	1.49	1.44	0.83	0.93	2.28	0.00	0.1%
NC_134	20	4371	0.85	0.78	0.14	0.78	0.86	0.78	0.78	0.78	0.54	0.50	0.28	0.31	0.86	0.08	10.0%
NC_135	45	4528	1.25	1.24	0.12	1.28	0.58	1.04	1.09	1.08	1.12	1.07	0.69	0.75	1.12	-0.16	-12.6%
NC_136	10	4357	0.81	0.81	0.09	0.82	0.82	0.73	0.72	0.72	0.50	0.46	0.25	0.28	0.82	0.00	0.1%
NC_137	20	4433	0.56	0.55	0.08	0.55	0.44	0.54	0.56	0.55	0.40	0.38	0.23	0.25	0.56	0.01	1.1%
NC_138	20	4429	9.86	9.83	0.74	9.92	8.08	8.41	9.92	9.52	7.31	7.05	4.20	4.76	9.92	0.00	0.0%
NC_139	25	4464	0.98	0.98	0.08	0.98	0.56	0.90	0.96	0.94	0.83	0.78	0.49	0.54	0.96	-0.02	-2.1%
NC_140	20	4429	1.59	1.50	0.23	1.51	1.58	1.44	1.51	1.49	1.00	0.94	0.54	0.60	1.58	0.07	4.8%
NC_141	10	4364	0.84	0.84	0.09	0.85	0.85	0.74	0.73	0.74	0.50	0.47	0.26	0.28	0.85	0.00	-0.1%
NC_142	10	4364	1.70	1.71	0.14	1.72	1.72	1.42	1.50	1.47	0.97	0.92	0.52	0.57	1.72	0.00	0.1%
NC_143	20	4433	0.58	0.56	0.08	0.57	0.46	0.56	0.57	0.57	0.41	0.39	0.23	0.26	0.57	0.00	0.4%
NC_144	20	4371	0.76	0.71	0.13	0.71	0.75	0.71	0.70	0.70	0.49	0.45	0.25	0.28	0.75	0.04	5.5%
NC_145	20	4429	0.80	0.76	0.12	0.76	0.72	0.76	0.76	0.76	0.54	0.50	0.29	0.33	0.76	0.00	0.3%
NC_146	20	4428	7.51	7.45	0.56	7.46	6.33	6.72	7.50	7.29	5.66	5.36	3.33	3.68	7.50	0.04	0.5%
NC_147	10	4364	1.82	1.83	0.13	1.84	1.84	1.60	1.70	1.68	1.11	1.05	0.60	0.67	1.84	0.00	-0.1%
NC_148	20	4429	3.92	3.93	0.27	3.97	3.20	3.37	3.97	3.84	2.64	2.60	1.49	1.68	3.97	0.00	0.0%
NC_149	10	4357	0.90	0.91	0.09	0.92	0.92	0.82	0.81	0.82	0.56	0.52	0.29	0.32	0.92	0.00	-0.4%
NC_150	10	4364	0.79	0.80	0.08	0.80	0.80	0.72	0.71	0.72	0.49	0.46	0.25	0.28	0.80	0.00	0.3%
NC_151	20	4429	1.64	1.56	0.22	1.59	1.61	1.44	1.59	1.54	1.03	0.99	0.57	0.63	1.61	0.02	1.0%
NC_152	60	4558	21.53	21.39	1.28	21.40	5.14	12.63	12.73	12.73	20.82	21.26	16.63	17.05	21.26	-0.14	-0.6%

ARR2019 Results for 1%AEP Event																	
Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_153	20	4433	0.60	0.59	0.07	0.59	0.43	0.57	0.60	0.59	0.44	0.43	0.26	0.29	0.60	0.01	1.4%
NC_154	25	4466	8.92	8.92	0.43	8.95	5.69	7.88	8.55	8.47	6.73	6.77	4.15	4.61	8.55	-0.40	-4.5%
NC_155	20	4429	2.71	2.58	0.35	2.62	2.72	2.35	2.62	2.53	1.71	1.64	0.93	1.04	2.72	0.10	3.8%
NC_156	25	4460	5.04	5.11	0.36	5.15	2.98	4.47	4.87	4.75	4.35	4.12	2.61	2.85	4.87	-0.29	-5.5%
NC_157	15	4401	3.51	3.39	0.33	3.43	3.40	2.92	3.47	3.30	2.22	2.17	1.24	1.38	3.47	0.04	1.0%
NC_158	60	4558	21.33	21.21	1.20	21.22	5.02	12.36	12.46	12.46	20.72	21.16	16.78	17.07	21.16	-0.06	-0.3%
NC_159	10	4364	0.87	0.88	0.09	0.88	0.88	0.78	0.77	0.77	0.53	0.49	0.27	0.30	0.88	0.00	0.5%
NC_160	20	4433	0.99	0.92	0.16	0.92	1.00	0.92	0.91	0.92	0.63	0.59	0.33	0.36	1.00	0.08	8.7%
NC_161	10	4364	0.80	0.80	0.08	0.81	0.81	0.73	0.72	0.73	0.50	0.46	0.26	0.28	0.81	0.00	0.1%
NC_162	20	4371	0.74	0.69	0.13	0.69	0.73	0.69	0.69	0.69	0.48	0.44	0.25	0.27	0.73	0.04	6.1%
NC_163	10	4364	0.82	0.83	0.09	0.83	0.83	0.76	0.75	0.75	0.52	0.48	0.27	0.29	0.83	0.00	0.5%
NC_164	20	4429	1.84	1.75	0.25	1.76	1.83	1.65	1.76	1.73	1.16	1.10	0.63	0.70	1.83	0.06	3.7%
NC_165	10	4364	0.82	0.82	0.09	0.83	0.83	0.73	0.72	0.73	0.50	0.46	0.26	0.28	0.83	0.00	-0.2%
NC_166	10	4364	0.94	0.94	0.09	0.95	0.95	0.83	0.85	0.84	0.57	0.53	0.30	0.33	0.95	0.00	-0.1%
NC_167	20	4399	8.88	8.81	0.64	8.89	7.47	7.82	8.89	8.59	6.68	6.33	3.90	4.32	8.89	0.00	0.0%
NC_168	20	4429	14.59	14.61	1.03	14.73	11.69	12.46	14.73	14.24	10.59	10.30	6.12	6.92	14.73	0.00	0.0%
NC_169	10	4364	1.37	1.38	0.13	1.39	1.39	1.25	1.26	1.26	0.86	0.80	0.45	0.50	1.39	0.00	0.1%
NC_170	20	4433	0.92	0.86	0.15	0.86	0.89	0.86	0.85	0.86	0.60	0.55	0.31	0.35	0.89	0.03	3.7%
NC_171	25	4461	7.58	7.70	0.48	7.75	4.40	6.70	7.23	7.10	6.67	6.33	4.04	4.41	7.23	-0.52	-6.7%
NC_172	20	4399	11.42	11.37	0.98	11.49	9.53	9.50	11.52	10.95	8.02	7.86	4.49	5.06	11.52	0.03	0.3%
NC_173	20	4429	1.49	1.42	0.21	1.43	1.44	1.35	1.43	1.40	0.95	0.90	0.52	0.58	1.44	0.01	1.0%
NC_174	20	4404	2.97	2.92	0.28	2.93	2.64	2.52	2.99	2.86	1.95	1.92	1.09	1.23	2.99	0.06	1.9%
NC_175	20	4429	2.58	2.49	0.30	2.52	2.51	2.25	2.52	2.45	1.63	1.58	0.91	1.01	2.52	0.00	0.2%
NC_176	60	4558	4.97	4.98	0.97	4.99	1.72	2.83	2.87	2.86	5.47	5.42	3.42	3.31	5.47	0.48	9.6%
NC_177	10	4364	0.91	0.92	0.09	0.93	0.93	0.81	0.80	0.80	0.55	0.51	0.28	0.31	0.93	0.00	-0.3%
NC_178	10	4364	1.56	1.57	0.12	1.58	1.58	1.36	1.44	1.42	0.94	0.89	0.51	0.56	1.58	0.00	-0.3%
NC_179	30	4500	2.23	2.23	0.16	2.24	1.30	1.99	2.08	2.06	2.00	1.87	1.22	1.32	2.08	-0.16	-7.3%
NC_180	10	4357	0.90	0.91	0.09	0.92	0.92	0.83	0.82	0.83	0.57	0.53	0.29	0.32	0.92	0.00	-0.1%
NC_181	60	4558	4.70	4.65	0.70	4.66	1.64	2.76	2.79	2.79	4.97	5.08	3.78	3.56	5.08	0.42	9.1%
NC_182	20	4433	1.06	0.99	0.17	0.99	1.04	0.99	0.99	0.99	0.69	0.64	0.36	0.40	1.04	0.05	5.1%
NC_183	10	4357	0.81	0.82	0.09	0.83	0.83	0.73	0.72	0.73	0.50	0.46	0.26	0.28	0.83	0.00	-0.4%
NC_184	20	4371	0.85	0.78	0.14	0.78	0.86	0.78	0.78	0.78	0.54	0.50	0.28	0.31	0.86	0.08	10.3%
NC_185	20	4429	1.52	1.43	0.22	1.45	1.50	1.37	1.45	1.42	0.96	0.91	0.52	0.58	1.50	0.05	3.1%
NC_186	20	4433	0.63	0.62	0.07	0.62	0.44	0.60	0.63	0.62	0.47	0.46	0.28	0.31	0.63	0.01	1.9%
NC_187	10	4364	0.82	0.83	0.09	0.84	0.84	0.74	0.73	0.74	0.51	0.47	0.26	0.28	0.84	0.00	-0.4%
NC_188	10	4364	1.90	1.91	0.14	1.92	1.92	1.65	1.75	1.72	1.13	1.08	0.62	0.68	1.92	0.00	-0.1%
NC_189	20	4433	0.60	0.57	0.08	0.58	0.48	0.57	0.58	0.58	0.42	0.39	0.23	0.26	0.58	0.00	0.3%
NC_190	30	4502	8.53	8.53	0.22	8.60	4.93	7.64	7.63	7.64	7.03	7.06	4.65	5.16	7.64	-0.96	-11.1%
NC_191	10	4364	0.95	0.96	0.10	0.97	0.97	0.87	0.86	0.87	0.59	0.55	0.31	0.34	0.97	0.00	-0.2%
NC_192	20	4429	15.83	15.86	1.08	15.99	12.55	13.57	15.99	15.51	11.45	11.18	6.64	7.52	15.99	0.00	0.0%
NC_193	720	4785	17.70	15.19	5.91	15.76	6.93	10.17	10.21	10.21	16.16	16.55	16.85	14.88	16.85	1.09	6.9%
NC_194	45	4528	1.67	1.65	0.16	1.69	0.85	1.43	1.49	1.48	1.49	1.42	0.91	0.99	1.49	-0.20	-11.8%
NC_195	20	4433	1.01	0.95	0.16	0.95	0.97	0.94	0.95	0.95	0.66	0.61	0.35	0.39	0.97	0.02	2.2%
NC_196	25	4460	1.03	1.04	0.09	1.05	0.66	0.96	1.04	1.02	0.83	0.79	0.49	0.54	1.04	-0.01	-1.0%
NC_197	20	4429	0.70	0.67	0.10	0.67	0.61	0.66	0.67	0.67	0.48	0.44	0.26	0.29	0.67	0.00	-0.3%
NC_198	10	4364	0.82	0.82	0.09	0.83	0.83	0.74	0.73	0.74	0.51	0.47	0.26	0.29	0.83	0.00	-0.1%
NC_199	15	4401	2.02	1.92	0.25	1.92	2.04	1.75	1.93	1.87	1.24	1.19	0.68	0.75	2.04	0.12	6.0%
NC_200	20	4429	3.38	3.24	0.40	3.29	3.33	2.94	3.29	3.19	2.11	2.04	1.18	1.31	3.33	0.04	1.3%
NC_201	20	4433	0.83	0.81	0.09	0.82	0.57	0.79	0.83	0.82	0.65	0.63	0.39	0.43	0.83	0.01	1.1%
NC_202	20	4367	2.12	2.04	0.25	2.07	2.02	1.86	2.08	2.01	1.36	1.32	0.76	0.84	2.08	0.01	0.4%
NC_203	20	4433	1.52	1.49	0.15	1.49	1.34	1.39	1.51	1.49	1.01	0.99	0.58	0.65	1.51	0.02	1.3%
NC_204	20	4433	0.62	0.60	0.08	0.61	0.46	0.59	0.62	0.61	0.45	0.44	0.26	0.29	0.62	0.01	0.8%
NC_205	20	4399	9.26	9.22	0.65	9.30	7.66	8.06	9.31	8.94	7.00	6.67	4.12	4.56	9.31	0.01	0.1%
NC_206	20	4399	1.13	1.12	0.09	1.12	0.69	1.05	1.15	1.12	0.91	0.87	0.53	0.58	1.15	0.03	2.4%
NC_207	20	4404	3.94	3.86	0.41	3.88	3.74	3.32	3.91	3.75	2.51	2.46	1.40	1.57	3.91	0.03	0.8%
NC_208	10	4357	0.78	0.79	0.08	0.80	0.80	0.72	0.71	0.72	0.49	0.46	0.25	0.28	0.80	0.00	-0.4%
NC_209	20	4433	0.54	0.53	0.07	0.53	0.39	0.51	0.54	0.53	0.39	0.38	0.23	0.25	0.54	0.01	1.3%
NC_210	20	4429	16.82	16.86	1.10	16.93	13.10	14.47	16.93	16.46	12.16	11.95	7.11	8.08	16.93	0.00	0.0%
NC_211	20	4371	0.93	0.86	0.15	0.86	0.93	0.86	0.85	0.86	0.59	0.55	0.31	0.34	0.93	0.07	8.5%
NC_212	20	4433	0.54	0.52	0.07	0.53	0.39	0.51	0.53	0.53	0.39	0.38	0.22	0.25	0.53	0.00	0.6%
NC_213	30	4498	12.24	12.17	0.89	12.38	7.11	10.64	11.23	11.18	9.53	9.68	6.00	6.66	11.23	-1.15	-9.3%
NC_214	45	4528	1.11	1.10	0.10	1.14	0.61	0.93	0.99	0.98	1.00	0.97	0.63	0.69	1.00	-0.14	-12.3%
NC_215	45	4533	8.39	8.43	0.22	8.49	3.85	5.41	5.67	5.66	6.82	6.65	4.95	4.69	6.82	-1.67	-19.6%
NC_216	20	4433	0.57	0.55	0.08	0.56	0.45	0.55	0.56	0.56	0.41	0.38	0.23	0.25	0.56	0.00	0.0%
NC_217	25	4464	0.90	0.89	0.07	0.90	0.51	0.83	0.87	0.86	0.76	0.72	0.45	0.49	0.87	-0.03	-2.9%
NC_218	60	4558	9.85	9.72	0.61	9.75	3.83	6.77	6.94	6.94	8.79	8.73	6.56	6.96	8.79	-0.96	-9.8%
NC_219	25	4464	1.37	1.37	0.12	1.37	0.83	1.27	1.36	1.34	1.14	1.08	0.67	0.74	1.36	-0.01	-1.0%
NC_220	20	4399	3.01	2.92	0.29	2.94	2.78	2.60	3.01	2.89	1.95	1.92	1.10	1.23	3.01	0.06	2.2%
NC_221	20	4371	0.79	0.74	0.13	0.74	0.79	0.74	0.73	0.74	0.51	0.47	0.26	0.29	0.79	0.05	6.8%
NC_222	20	4371	0.77	0.72	0.13	0.72	0.75	0.72	0.71	0.72	0.50	0.46	0.26	0.29	0.75	0.03	4.2%
NC_223	10	4357	0.99	1.00	0.10	1.00	1.00	0.90	0.90	0.90	0.62	0.58	0.32	0.35	1.00	0.00	0.4%
NC_224	20	4371	0.81	0.76	0.14	0.76	0.82	0.76	0.75	0.75	0.52	0.48	0.27	0.30	0.82	0.05	7.2%
NC_225	30	4498	8.75	8.63	0.62	8.82	5.27	7.47	8.06	8.00	6.43	6.95	4.28	4.80	8.06	-0.77	-8.7%
NC_226	20	4399	4.54	4.51	0.42	4.51	4.15	3.76	4.56	4.34	2.96	2.91	1.64	1.85	4.56	0.05	1.0%
NC_227	60	4558	4.76	4.67	0.64	4.67	2.25	2.77	2.80	2.79	4.97	5.11	3.95	3.77	5.11	0.44	9.4%
NC_228	20	4433	0.75	0.71	0.12	0.71	0.70	0.71	0.71	0.71	0.50	0.46	0.26	0.29	0.71	0.00	-0.1%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_229	720	4785	16.33	15.36	3.33	15.89	6.74	9.94	9.96	9.97	15.06	15.59	16.34	14.42	16.34	0.45	2.9%
NC_230	20	4433	0.61	0.59	0.09	0.60	0.48	0.59	0.60	0.60	0.44	0.41	0.25	0.27	0.60	0.00	0.0%
NC_231	20	4433	1.53	1.48	0.16	1.49	1.32	1.44	1.50	1.49	1.08	1.04	0.63	0.70	1.50	0.01	0.5%
NC_232	20	4429	17.10	17.15	1.09	17.22	13.22	14.69	17.22	16.76	12.42	12.27	7.31	8.30	17.22	0.00	0.0%
NC_233	20	4433	0.57	0.55	0.08	0.56	0.44	0.55	0.57	0.56	0.41	0.39	0.23	0.26	0.57	0.00	0.9%
NC_234	30	4498	13.08	13.03	0.87	13.25	7.38	11.35	11.86	11.84	10.26	10.46	6.51	7.22	11.86	-1.39	-10.5%
NC_235	10	4357	0.84	0.85	0.09	0.86	0.86	0.78	0.77	0.77	0.53	0.49	0.27	0.30	0.86	0.00	-0.1%
NC_236	25	4460	1.76	1.78	0.15	1.80	0.98	1.56	1.72	1.67	1.46	1.39	0.86	0.94	1.72	-0.08	-4.6%
NC_237	60	4558	10.12	10.00	0.56	10.01	3.91	6.83	7.00	7.00	9.05	8.92	6.85	7.21	9.05	-0.96	-9.6%
NC_238	30	4498	41.78	41.31	2.76	42.15	25.19	36.05	38.39	38.14	31.47	33.65	21.32	23.74	38.39	-3.76	-8.9%
NC_239	25	4461	12.47	12.68	0.78	12.70	4.27	10.82	11.50	11.36	10.30	10.09	6.13	6.82	11.50	-1.20	-9.4%
NC_240	45	4496	13.89	13.80	0.59	13.91	6.81	11.05	11.40	11.37	11.20	11.76	7.68	8.51	11.76	-2.15	-15.5%
NC_241	20	4429	0.86	0.83	0.12	0.83	0.75	0.82	0.83	0.83	0.60	0.55	0.33	0.37	0.83	0.00	0.1%
NC_242	20	4433	0.65	0.63	0.09	0.63	0.50	0.62	0.64	0.63	0.47	0.44	0.26	0.30	0.64	0.01	1.1%
NC_243	25	4460	3.43	3.44	0.25	3.49	2.70	3.23	3.41	3.35	2.95	2.75	1.80	1.97	3.41	-0.09	-2.4%
NC_244	30	4498	42.33	41.79	3.13	42.72	26.36	36.71	39.51	39.22	31.53	33.53	20.90	23.34	39.51	-3.21	-7.5%
NC_245	30	4498	2.97	2.93	0.29	2.96	1.47	2.52	2.73	2.68	2.59	2.49	1.57	1.72	2.73	-0.24	-7.9%
NC_246	10	4364	0.89	0.90	0.09	0.90	0.90	0.80	0.79	0.79	0.54	0.50	0.28	0.30	0.90	0.00	0.2%
NC_247	20	4371	0.81	0.75	0.14	0.75	0.80	0.75	0.75	0.75	0.52	0.48	0.27	0.30	0.80	0.05	6.9%
NC_248	45	4528	1.38	1.39	0.10	1.42	0.65	1.07	1.11	1.11	1.24	1.25	0.82	0.90	1.25	-0.17	-11.8%
NC_249	25	4394	2.06	2.07	0.13	2.07	1.32	1.87	1.99	1.97	1.73	1.64	1.03	1.13	1.99	-0.08	-3.7%
NC_250	20	4433	0.54	0.52	0.07	0.53	0.39	0.51	0.54	0.53	0.39	0.38	0.23	0.25	0.54	0.01	0.9%
NC_251	20	4433	0.54	0.52	0.06	0.53	0.38	0.51	0.53	0.53	0.39	0.38	0.23	0.25	0.53	0.00	0.8%
NC_252	60	4558	10.25	10.14	0.52	10.15	3.95	6.85	7.01	7.01	9.18	9.01	7.02	7.33	9.18	-0.97	-9.5%
NC_253	30	4502	2.38	2.38	0.14	2.38	1.58	2.16	2.21	2.22	2.10	2.01	1.30	1.41	2.22	-0.16	-6.8%
NC_254	20	4433	0.53	0.52	0.06	0.53	0.38	0.51	0.53	0.53	0.39	0.38	0.22	0.25	0.53	0.00	0.4%
NC_255	20	4433	0.91	0.89	0.08	0.90	0.60	0.87	0.91	0.90	0.74	0.70	0.44	0.48	0.91	0.01	1.0%
NC_256	20	4433	0.57	0.56	0.08	0.56	0.43	0.55	0.57	0.56	0.41	0.40	0.24	0.26	0.57	0.01	1.6%
NC_257	20	4399	1.09	1.07	0.09	1.08	0.71	1.01	1.10	1.07	0.85	0.81	0.49	0.54	1.10	0.02	1.7%
NC_258	60	4556	8.74	8.66	0.31	8.69	3.81	5.26	5.44	5.44	7.14	6.55	5.90	5.84	7.14	-1.55	-17.8%
NC_259	20	4433	0.64	0.62	0.09	0.63	0.50	0.62	0.63	0.63	0.46	0.44	0.26	0.29	0.63	0.00	0.5%
NC_260	25	4394	31.03	31.53	2.01	31.78	16.22	26.57	29.04	28.56	24.68	24.54	14.75	16.62	29.04	-2.74	-8.6%
NC_261	10	4357	0.86	0.86	0.09	0.87	0.87	0.75	0.74	0.74	0.51	0.47	0.26	0.28	0.87	0.00	-0.2%
NC_262	20	4399	7.06	7.05	0.67	7.06	6.28	5.81	7.08	6.67	4.75	4.64	2.62	2.98	7.08	0.02	0.3%
NC_263	180	4599	208.69	209.14	15.48	215.86	62.82	111.33	111.82	111.86	193.21	199.32	217.69	184.09	217.69	1.83	0.8%
NC_264	20	4433	0.55	0.53	0.07	0.54	0.40	0.52	0.54	0.54	0.40	0.38	0.23	0.26	0.54	0.00	0.7%
NC_265	20	4433	1.16	1.08	0.19	1.08	1.18	1.07	1.08	1.08	0.74	0.69	0.39	0.43	1.18	0.10	8.9%
NC_266	20	4399	2.00	1.97	0.18	1.97	1.71	1.82	2.00	1.96	1.34	1.32	0.77	0.86	2.00	0.03	1.5%
NC_267	25	4464	1.04	1.04	0.07	1.05	0.58	0.95	1.01	0.99	0.92	0.86	0.55	0.60	1.01	-0.05	-4.3%
NC_268	90	4395	30.41	30.65	2.44	30.79	7.72	15.61	15.68	15.69	30.79	31.28	27.49	26.53	31.28	0.49	1.6%
NC_269	25	4464	0.89	0.89	0.07	0.90	0.49	0.82	0.87	0.86	0.76	0.72	0.45	0.49	0.87	-0.03	-3.4%
NC_270	30	4498	2.55	2.52	0.23	2.57	1.50	2.21	2.39	2.36	1.99	2.01	1.24	1.37	2.39	-0.18	-7.1%
NC_271	60	4559	8.61	8.59	0.29	8.62	3.74	5.16	5.31	5.31	7.72	6.64	6.34	6.30	7.72	-0.90	-10.4%
NC_272	720	4785	16.61	15.81	3.23	16.36	6.72	9.92	9.94	9.95	15.06	15.60	16.69	14.63	16.69	0.33	2.0%
NC_273	25	4464	1.01	1.01	0.07	1.01	0.53	0.91	0.97	0.95	0.89	0.83	0.53	0.58	0.97	-0.04	-4.4%
NC_274	60	4558	10.97	10.89	0.46	10.92	4.37	7.10	7.25	7.25	9.99	9.59	7.66	7.96	9.99	-0.93	-8.5%
NC_275	25	4394	31.08	31.57	1.94	31.78	16.25	26.53	28.95	28.47	24.86	24.84	14.95	16.84	28.95	-2.83	-8.9%
NC_276	20	4371	0.72	0.68	0.12	0.68	0.70	0.68	0.67	0.68	0.47	0.44	0.24	0.27	0.70	0.02	3.1%
NC_277	45	4534	2.74	2.71	0.15	2.72	1.39	2.23	2.34	2.33	2.21	2.31	1.45	1.62	2.34	-0.38	-13.9%
NC_278	20	4433	0.74	0.70	0.12	0.70	0.70	0.70	0.69	0.70	0.49	0.45	0.26	0.28	0.70	0.00	-0.1%
NC_279	30	4498	32.87	32.29	3.43	32.93	17.66	27.58	29.82	29.46	26.91	27.34	16.53	18.62	29.82	-3.12	-9.5%
NC_280	180	4599	208.65	209.12	15.53	215.86	62.84	111.38	111.86	111.91	193.24	199.36	217.69	184.11	217.69	1.83	0.8%
NC_281	20	4371	0.72	0.67	0.12	0.68	0.70	0.68	0.67	0.67	0.47	0.43	0.24	0.27	0.70	0.02	2.5%
NC_282	20	4433	0.62	0.60	0.07	0.61	0.43	0.59	0.62	0.61	0.46	0.45	0.27	0.30	0.62	0.01	1.1%
NC_283	20	4429	1.33	1.25	0.20	1.26	1.32	1.20	1.26	1.25	0.83	0.79	0.45	0.50	1.32	0.06	4.8%
NC_284	45	4528	2.64	2.67	0.19	2.73	1.12	2.00	2.07	2.06	2.40	2.41	1.60	1.75	2.41	-0.32	-11.6%
NC_285	30	4498	42.61	42.19	2.53	42.99	24.98	36.52	38.64	38.43	32.44	34.94	22.53	24.91	38.64	-4.35	-10.1%
NC_286	20	4433	0.53	0.52	0.06	0.53	0.38	0.51	0.53	0.53	0.39	0.38	0.23	0.25	0.53	0.00	0.6%
NC_287	180	4599	209.21	209.42	15.12	215.94	62.78	111.28	111.77	111.81	193.18	199.30	217.96	184.13	217.96	2.02	0.9%
NC_288	20	4433	1.19	1.11	0.19	1.11	1.19	1.10	1.11	1.11	0.77	0.71	0.40	0.44	1.19	0.08	6.9%
NC_289	20	4429	5.20	5.18	0.41	5.22	4.31	4.40	5.22	5.00	3.58	3.52	2.02	2.28	5.22	0.00	0.0%
NC_290	20	4371	0.78	0.72	0.13	0.72	0.79	0.72	0.72	0.72	0.50	0.46	0.25	0.28	0.79	0.07	10.0%
NC_291	20	4433	0.94	0.87	0.15	0.88	0.92	0.87	0.87	0.88	0.61	0.56	0.32	0.35	0.92	0.04	4.5%
NC_292	25	4464	1.20	1.19	0.10	1.20	0.75	1.13	1.17	1.16	1.05	0.98	0.64	0.69	1.17	-0.03	-2.3%
NC_293	45	4496	16.39	16.28	0.59	16.45	7.73	12.76	13.13	13.10	13.26	13.96	9.47	10.32	13.96	-2.49	-15.1%
NC_294	45	4534	5.41	5.43	0.28	5.53	2.19	3.97	4.09	4.07	4.84	4.99	3.42	3.73	4.99	-0.54	-9.8%
NC_295	20	4371	0.83	0.77	0.14	0.77	0.82	0.77	0.77	0.77	0.53	0.49	0.28	0.31	0.82	0.05	6.2%
NC_296	20	4371	0.80	0.74	0.13	0.74	0.79	0.74	0.73	0.74	0.51	0.47	0.26	0.29	0.79	0.05	7.0%
NC_297	20	4433	1.30	1.24	0.16	1.24	1.15	1.16	1.28	1.24	0.87	0.84	0.48	0.54	1.28	0.04	3.5%
NC_298	25	4466	5.11	5.07	0.34	5.10	3.69	4.33	5.01	4.89	3.60	3.70	2.17	2.45	5.01	-0.09	-1.8%
NC_299	45	4496	64.41	63.86	2.44	64.18	32.89	51.75	53.85	53.62	51.91	54.80	37.33	40.55	54.80	-9.38	-14.6%
NC_300	20	4371	0.88	0.81	0.15	0.82	0.89	0.82	0.81	0.81	0.56	0.52	0.29	0.32	0.89	0.07	8.3%
NC_301	20	4429	1.62	1.49	0.27	1.50	1.64	1.47	1.50	1.49	1.01	0.95	0.53	0.59	1.64	0.14	9.2%
NC_302	180	4599	208.69	209.18	15.55	215.95	62.94	111.54	112.03	112.08	193.42	199.53	217.73	184.17	217.73	1.78	0.8%
NC_303	20	4429	2.89	2.91	0.16	2.93	2.12	2.60	2.93	2.87	2.13	2.06	1.24	1.37	2.93	0.00	0.0%
NC_304	45	4528	2.00	2.00	0.17	2.05	0.95	1.62	1.70	1.69	1.77	1.74	1.11	1.22	1.77	-0.28	-13.5%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_305	20	4371	0.75	0.70	0.12	0.70	0.72	0.70	0.70	0.70	0.49	0.45	0.25	0.28	0.72	0.02	3.3%
NC_306	60	4558	6.45	6.36	0.51	6.37	2.41	4.45	4.55	4.54	5.89	6.06	4.37	4.72	6.06	-0.31	-4.9%
NC_307	25	4464	1.76	1.77	0.10	1.77	1.01	1.59	1.68	1.66	1.54	1.45	0.93	1.01	1.68	-0.10	-5.4%
NC_308	45	4496	22.63	22.58	0.65	22.67	9.45	16.48	16.75	16.72	19.24	19.80	14.27	15.25	19.80	-2.87	-12.6%
NC_309	25	4464	1.47	1.46	0.11	1.47	0.80	1.34	1.43	1.41	1.27	1.20	0.77	0.83	1.43	-0.04	-3.0%
NC_310	90	4562	9.19	9.34	0.50	9.51	4.64	6.50	6.81	6.76	9.57	8.33	7.49	7.49	9.57	0.05	0.6%
NC_311	20	4429	2.65	2.65	0.19	2.68	2.15	2.28	2.68	2.58	1.82	1.78	1.03	1.15	2.68	0.00	-0.1%
NC_312	20	4429	1.49	1.40	0.22	1.41	1.50	1.34	1.41	1.39	0.93	0.88	0.50	0.56	1.50	0.09	6.5%
NC_313	45	4496	16.33	16.21	0.54	16.40	7.62	12.60	12.96	12.92	13.25	13.96	9.63	10.40	13.96	-2.45	-14.9%
NC_314	20	4433	0.78	0.76	0.10	0.77	0.59	0.75	0.77	0.77	0.58	0.55	0.34	0.37	0.77	0.00	0.4%
NC_315	20	4429	2.47	2.36	0.32	2.40	2.44	2.15	2.40	2.32	1.56	1.50	0.86	0.95	2.44	0.04	1.7%
NC_316	60	4558	7.04	6.97	0.53	6.98	2.52	4.69	4.78	4.77	6.60	6.62	4.83	5.21	6.62	-0.36	-5.2%
NC_317	20	4371	0.77	0.72	0.13	0.72	0.78	0.72	0.71	0.72	0.49	0.46	0.26	0.28	0.78	0.06	7.6%
NC_318	120	4611	195.39	196.15	15.35	196.47	62.29	110.22	110.73	110.76	189.86	195.83	204.99	176.78	204.99	8.52	4.3%
NC_319	10	4364	0.82	0.83	0.09	0.84	0.84	0.75	0.74	0.74	0.51	0.47	0.26	0.28	0.84	0.00	-0.5%
NC_320	60	4558	7.31	7.26	0.53	7.27	2.56	4.78	4.87	4.86	6.92	6.88	5.05	5.43	6.92	-0.35	-4.8%
NC_321	20	4371	0.91	0.84	0.15	0.84	0.92	0.84	0.84	0.84	0.58	0.54	0.30	0.33	0.92	0.08	9.8%
NC_322	20	4433	0.57	0.55	0.08	0.56	0.44	0.55	0.56	0.56	0.41	0.39	0.23	0.26	0.56	0.00	0.7%
NC_323	20	4429	1.83	1.74	0.26	1.74	1.74	1.71	1.74	1.74	1.23	1.14	0.67	0.75	1.74	0.00	0.2%
NC_324	45	4528	11.89	11.95	0.75	12.07	5.16	8.85	9.17	9.06	11.56	11.14	7.94	8.49	11.56	-0.51	-4.2%
NC_325	180	4653	23.23	23.29	1.45	23.31	9.12	13.54	13.56	13.56	22.49	22.74	23.31	20.22	23.31	0.00	0.0%
NC_326	45	4528	12.14	12.21	0.61	12.38	4.83	8.69	8.94	8.88	11.76	11.54	8.40	8.96	11.76	-0.62	-5.0%
NC_327	20	4433	0.92	0.90	0.08	0.91	0.62	0.88	0.92	0.91	0.75	0.72	0.45	0.49	0.92	0.01	0.5%
NC_328	20	4429	0.76	0.71	0.13	0.71	0.77	0.70	0.71	0.71	0.48	0.45	0.25	0.28	0.77	0.06	7.9%
NC_329	20	4371	0.88	0.82	0.15	0.82	0.88	0.82	0.82	0.82	0.57	0.53	0.29	0.33	0.88	0.06	7.4%
NC_330	20	4371	0.76	0.71	0.13	0.71	0.77	0.71	0.70	0.71	0.49	0.45	0.25	0.28	0.77	0.06	7.9%
NC_331	45	4496	17.31	17.25	0.50	17.41	7.87	13.13	13.48	13.44	14.09	14.85	10.50	11.27	14.85	-2.56	-14.7%
NC_332	20	4429	2.58	2.48	0.31	2.51	2.46	2.31	2.51	2.45	1.71	1.63	0.95	1.07	2.51	0.00	0.0%
NC_333	25	4394	6.16	6.27	0.47	6.33	4.42	5.41	6.16	6.02	4.51	4.47	2.66	2.98	6.16	-0.18	-2.8%
NC_334	20	4371	0.81	0.75	0.13	0.75	0.80	0.75	0.75	0.75	0.52	0.48	0.27	0.30	0.80	0.05	6.0%
NC_335	20	4433	0.53	0.52	0.07	0.53	0.39	0.51	0.53	0.53	0.39	0.38	0.22	0.25	0.53	0.00	0.4%
NC_336	20	4433	0.54	0.53	0.07	0.53	0.39	0.52	0.54	0.53	0.39	0.38	0.23	0.25	0.54	0.01	2.1%
NC_337	20	4433	1.00	0.92	0.17	0.92	1.01	0.92	0.92	0.92	0.63	0.59	0.33	0.36	1.01	0.09	9.7%
NC_338	20	4433	0.61	0.60	0.07	0.61	0.43	0.58	0.61	0.61	0.46	0.44	0.27	0.30	0.61	0.00	0.5%
NC_339	20	4367	1.70	1.66	0.16	1.66	1.52	1.43	1.70	1.61	1.13	1.10	0.62	0.70	1.70	0.04	2.3%
NC_340	20	4429	0.64	0.61	0.09	0.61	0.55	0.61	0.61	0.61	0.44	0.40	0.23	0.26	0.61	0.00	0.2%
NC_341	180	4653	23.23	23.30	1.45	23.38	9.10	13.53	13.55	13.55	22.30	22.84	23.38	20.22	23.38	0.00	0.0%
NC_342	20	4429	4.68	4.56	0.51	4.62	4.46	4.05	4.62	4.45	3.01	2.93	1.68	1.88	4.62	0.00	0.0%
NC_343	20	4399	1.23	1.21	0.11	1.21	0.83	1.14	1.24	1.21	0.95	0.92	0.55	0.61	1.24	0.03	2.8%
NC_344	20	4429	1.57	1.49	0.22	1.50	1.55	1.42	1.50	1.48	0.99	0.94	0.54	0.60	1.55	0.05	3.2%
NC_345	20	4433	0.53	0.52	0.06	0.53	0.38	0.51	0.53	0.53	0.39	0.38	0.23	0.25	0.53	0.00	0.6%
NC_346	20	4429	4.50	4.34	0.53	4.42	4.32	3.85	4.42	4.24	2.88	2.78	1.59	1.78	4.42	0.00	-0.1%
NC_347	10	4364	0.81	0.81	0.08	0.82	0.82	0.74	0.73	0.74	0.50	0.47	0.26	0.28	0.82	0.00	0.1%
NC_348	25	4464	0.93	0.93	0.06	0.94	0.49	0.84	0.90	0.88	0.80	0.75	0.48	0.52	0.90	-0.04	-4.7%
NC_349	45	4528	1.31	1.29	0.13	1.32	0.71	1.16	1.20	1.19	1.19	1.12	0.73	0.79	1.20	-0.12	-9.2%
NC_350	60	4405	12.76	12.71	1.05	12.72	4.90	8.88	9.12	9.08	12.27	12.17	9.03	9.60	12.27	-0.45	-3.5%
NC_351	25	4464	0.89	0.88	0.08	0.89	0.54	0.83	0.87	0.87	0.74	0.70	0.44	0.48	0.87	-0.02	-1.9%
NC_352	45	4528	1.61	1.61	0.15	1.62	0.78	1.31	1.34	1.34	1.48	1.43	0.94	1.01	1.48	-0.14	-8.6%
NC_353	20	4433	1.49	1.44	0.16	1.45	1.34	1.37	1.46	1.45	0.97	0.94	0.55	0.62	1.46	0.01	0.8%
NC_354	45	4496	22.52	22.47	0.66	22.55	9.44	16.45	16.71	16.68	19.12	19.67	14.08	15.10	19.67	-2.88	-12.8%
NC_355	120	4611	195.39	196.15	15.36	196.46	62.29	110.23	110.75	110.79	189.86	195.83	204.98	176.83	204.98	8.52	4.3%
NC_356	60	4405	13.17	13.14	0.40	13.14	4.38	7.69	7.72	7.69	13.13	12.80	10.63	10.61	13.13	-0.01	-0.1%
NC_357	10	4357	0.88	0.89	0.09	0.89	0.89	0.80	0.79	0.80	0.54	0.51	0.28	0.31	0.89	0.00	0.2%
NC_358	45	4528	6.48	6.40	0.56	6.69	3.21	5.47	5.92	5.81	5.59	5.60	3.52	3.87	5.92	-0.77	-11.5%
NC_359	20	4429	1.59	1.51	0.21	1.53	1.56	1.39	1.53	1.48	1.00	0.96	0.55	0.61	1.56	0.03	1.8%
NC_360	25	4462	1.28	1.29	0.13	1.30	0.76	1.19	1.29	1.26	1.04	1.00	0.61	0.67	1.29	-0.01	-0.9%
NC_361	25	4460	1.86	1.86	0.15	1.86	1.32	1.75	1.85	1.84	1.52	1.45	0.91	1.00	1.85	-0.01	-0.4%
NC_362	120	4611	195.39	196.16	15.36	196.46	62.30	110.24	110.75	110.80	189.88	195.85	204.96	176.87	204.96	8.50	4.3%
NC_363	20	4433	0.61	0.60	0.08	0.60	0.46	0.59	0.61	0.60	0.45	0.43	0.26	0.29	0.61	0.01	1.3%
NC_364	20	4371	0.78	0.72	0.13	0.72	0.78	0.72	0.71	0.72	0.50	0.46	0.26	0.28	0.78	0.06	8.8%
NC_365	45	4528	1.33	1.33	0.13	1.36	0.58	1.09	1.13	1.12	1.20	1.16	0.75	0.81	1.20	-0.16	-11.7%
NC_366	20	4433	1.16	1.08	0.18	1.08	1.15	1.08	1.08	1.08	0.75	0.70	0.39	0.44	1.15	0.07	6.3%
NC_367	25	4464	1.00	1.00	0.07	1.01	0.54	0.91	0.97	0.95	0.86	0.81	0.52	0.56	0.97	-0.04	-4.3%
NC_368	25	4461	6.61	6.73	0.53	6.77	3.69	5.81	6.41	6.24	5.60	5.41	3.36	3.69	6.41	-0.36	-5.4%
NC_369	20	4433	0.58	0.57	0.07	0.57	0.42	0.56	0.58	0.58	0.43	0.41	0.25	0.28	0.58	0.01	1.9%
NC_370	20	4371	0.79	0.73	0.13	0.74	0.79	0.74	0.73	0.73	0.51	0.47	0.26	0.29	0.79	0.05	6.1%
NC_371	25	4462	2.88	2.92	0.28	2.97	1.76	2.62	2.88	2.81	2.36	2.26	1.37	1.52	2.88	-0.09	-2.9%
NC_372	120	4611	195.40	196.15	15.36	196.44	62.31	110.26	110.77	110.81	189.89	195.86	204.95	176.87	204.95	8.51	4.3%
NC_373	10	4364	0.79	0.80	0.08	0.81	0.81	0.73	0.72	0.72	0.50	0.46	0.26	0.28	0.81	-0.01	-0.6%
NC_374	20	4433	1.15	1.13	0.10	1.13	0.74	1.10	1.15	1.13	0.98	0.92	0.60	0.64	1.15	0.02	1.5%
NC_375	60	4558	7.52	7.46	0.67	7.46	3.21	5.56	5.73	5.71	7.55	7.62	5.91	6.08	7.62	0.16	2.1%
NC_376	20	4371	0.88	0.82	0.15	0.82	0.89	0.82	0.81	0.82	0.56	0.52	0.29	0.32	0.89	0.07	9.0%
NC_377	60	4558	14.50	14.42	1.24	14.42	5.74	10.20	10.50	10.46	14.04	13.91	10.34	10.96	14.04	-0.38	-2.7%
NC_378	20	4433	0.61	0.59	0.09	0.59	0.49	0.58	0.60	0.59	0.43	0.41	0.24	0.27	0.60	0.01	1.0%
NC_379	10	4364	0.92	0.92	0.10	0.93	0.93	0.83	0.82	0.82	0.56	0.52	0.29	0.32	0.93	0.00	0.0%
NC_380	25	4461	6.27	6.38	0.52	6.43	3.57	5.56	6.13	5.97	5.30	5.07	3.15	3.47	6.13	-0.31	-4.7%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_381	60	4405	13.30	13.25	0.40	13.26	4.46	7.73	7.80	7.76	13.27	13.06	10.86	10.82	13.27	0.01	0.1%
NC_382	20	4429	0.73	0.68	0.12	0.68	0.71	0.68	0.68	0.68	0.47	0.44	0.25	0.27	0.71	0.03	4.0%
NC_383	20	4433	1.49	1.45	0.18	1.46	1.16	1.40	1.48	1.46	1.08	1.05	0.63	0.70	1.48	0.02	1.6%
NC_384	20	4433	0.71	0.69	0.08	0.70	0.51	0.68	0.71	0.70	0.53	0.51	0.31	0.34	0.71	0.01	0.7%
NC_385	120	4499	34.77	34.52	3.80	35.28	14.42	21.83	22.60	22.53	33.96	35.28	34.25	31.25	35.28	0.00	0.0%
NC_386	10	4364	0.85	0.85	0.09	0.86	0.86	0.75	0.73	0.74	0.50	0.47	0.26	0.28	0.86	0.00	0.0%
NC_387	20	4429	0.79	0.76	0.12	0.76	0.70	0.75	0.76	0.76	0.55	0.50	0.29	0.33	0.76	0.00	0.0%
NC_388	20	4433	0.93	0.92	0.09	0.92	0.61	0.89	0.93	0.92	0.76	0.72	0.46	0.50	0.93	0.01	1.3%
NC_389	25	4460	3.46	3.48	0.24	3.51	2.07	3.11	3.35	3.28	3.06	2.86	1.85	2.02	3.35	-0.17	-4.7%
NC_390	20	4433	0.66	0.65	0.07	0.65	0.46	0.63	0.66	0.65	0.50	0.48	0.29	0.32	0.66	0.01	1.7%
NC_391	20	4429	2.53	2.42	0.33	2.45	2.38	2.28	2.45	2.40	1.66	1.57	0.90	1.02	2.45	0.00	0.0%
NC_392	20	4433	0.61	0.59	0.07	0.60	0.42	0.57	0.61	0.60	0.45	0.44	0.26	0.29	0.61	0.01	1.0%
NC_393	10	4364	2.47	2.48	0.18	2.50	2.50	2.10	2.25	2.20	1.46	1.39	0.79	0.87	2.50	0.00	-0.1%
NC_394	120	4499	195.59	196.37	15.50	196.40	62.66	110.82	111.35	111.39	190.43	196.40	204.59	176.95	204.59	8.19	4.2%
NC_395	20	4371	0.76	0.70	0.13	0.71	0.76	0.71	0.70	0.70	0.48	0.45	0.25	0.28	0.76	0.05	6.8%
NC_396	25	4460	2.99	3.03	0.23	3.06	1.66	2.66	2.91	2.84	2.58	2.44	1.55	1.69	2.91	-0.15	-5.0%
NC_397	45	4533	3.33	3.33	0.05	3.35	2.49	3.01	3.09	3.09	2.93	2.96	2.34	2.46	3.09	-0.26	-7.6%
NC_398	20	4433	0.55	0.53	0.07	0.54	0.40	0.52	0.54	0.54	0.39	0.38	0.23	0.25	0.54	0.00	0.4%
NC_399	120	4611	195.40	196.16	15.36	196.44	62.31	110.26	110.78	110.82	189.91	195.88	204.94	176.85	204.94	8.50	4.3%
NC_400	10	4364	0.83	0.84	0.09	0.85	0.85	0.74	0.73	0.73	0.50	0.47	0.26	0.28	0.85	-0.01	-0.6%
NC_401	60	4558	14.40	14.32	0.59	14.33	6.10	9.34	9.56	9.55	14.92	14.65	11.92	11.99	14.92	0.59	4.1%
NC_402	20	4429	1.95	1.86	0.25	1.88	1.94	1.73	1.88	1.84	1.23	1.18	0.68	0.76	1.94	0.06	3.3%
NC_403	120	4611	195.40	196.12	15.42	196.18	62.45	110.48	111.01	111.05	190.08	196.05	204.62	176.81	204.62	8.44	4.3%
NC_404	120	4611	195.40	196.16	15.37	196.43	62.32	110.28	110.80	110.83	189.91	195.88	204.93	176.81	204.93	8.50	4.3%
NC_405	20	4433	0.56	0.55	0.08	0.55	0.44	0.54	0.56	0.55	0.40	0.38	0.23	0.25	0.56	0.01	1.1%
NC_406	10	4364	3.70	3.72	0.23	3.74	3.74	3.23	3.53	3.44	2.31	2.20	1.25	1.38	3.74	0.00	0.1%
NC_407	20	4371	0.79	0.73	0.13	0.73	0.78	0.73	0.73	0.73	0.51	0.47	0.26	0.29	0.78	0.05	7.1%
NC_408	25	4464	3.06	3.05	0.21	3.06	1.86	2.81	2.96	2.91	2.69	2.51	1.64	1.77	2.96	-0.10	-3.3%
NC_409	10	4364	0.93	0.94	0.10	0.95	0.95	0.84	0.83	0.84	0.57	0.53	0.29	0.32	0.95	-0.01	-0.5%
NC_410	20	4433	1.57	1.49	0.20	1.50	1.43	1.44	1.53	1.50	1.05	0.99	0.58	0.65	1.53	0.03	1.8%
NC_411	20	4429	2.76	2.69	0.30	2.72	2.68	2.38	2.72	2.63	1.75	1.71	0.98	1.10	2.72	0.00	0.0%
NC_412	20	4429	1.67	1.60	0.22	1.61	1.56	1.54	1.61	1.59	1.10	1.03	0.60	0.67	1.61	0.00	0.1%
NC_413	10	4364	0.89	0.89	0.09	0.90	0.90	0.80	0.80	0.80	0.55	0.51	0.28	0.31	0.90	0.00	0.0%
NC_414	20	4371	0.77	0.71	0.13	0.71	0.77	0.71	0.70	0.71	0.49	0.45	0.25	0.28	0.77	0.06	8.9%
NC_415	10	4364	1.08	1.09	0.11	1.10	1.10	0.97	0.97	0.98	0.66	0.62	0.34	0.38	1.10	0.00	0.0%
NC_416	10	4364	1.05	1.06	0.10	1.07	1.07	0.96	0.96	0.96	0.66	0.61	0.34	0.38	1.07	0.00	-0.1%
NC_417	25	4464	2.20	2.17	0.14	2.19	1.58	2.10	2.15	2.15	1.83	1.71	1.12	1.21	2.15	-0.04	-1.7%
NC_418	10	4364	0.97	0.97	0.10	0.98	0.98	0.85	0.84	0.84	0.57	0.53	0.29	0.32	0.98	0.00	0.0%
NC_419	20	4429	3.73	3.73	0.30	3.77	3.16	3.14	3.77	3.62	2.50	2.46	1.40	1.58	3.77	0.00	0.0%
NC_420	10	4364	0.81	0.82	0.09	0.83	0.83	0.74	0.73	0.74	0.51	0.47	0.26	0.28	0.83	0.00	-0.4%
NC_421	45	4528	1.62	1.61	0.14	1.65	0.74	1.32	1.36	1.36	1.44	1.40	0.91	0.99	1.44	-0.21	-12.5%
NC_422	120	4499	195.13	195.71	15.55	196.24	62.67	110.83	111.36	111.40	190.28	196.24	203.62	176.40	203.62	7.38	3.8%
NC_423	20	4371	0.83	0.77	0.14	0.77	0.84	0.77	0.76	0.76	0.53	0.49	0.27	0.30	0.84	0.07	9.2%
NC_424	25	4394	5.13	5.22	0.34	5.25	2.87	4.41	4.91	4.80	4.16	4.10	2.49	2.78	4.91	-0.34	-6.6%
NC_425	20	4399	1.09	1.08	0.09	1.08	0.69	1.01	1.11	1.08	0.86	0.83	0.50	0.55	1.11	0.03	2.6%
NC_426	20	4371	0.80	0.73	0.14	0.74	0.81	0.74	0.73	0.73	0.50	0.47	0.26	0.29	0.81	0.07	9.2%
NC_427	15	4401	3.94	3.77	0.41	3.81	3.86	3.33	3.87	3.71	2.47	2.41	1.38	1.53	3.87	0.06	1.5%
NC_428	20	4433	1.19	1.15	0.13	1.15	1.09	1.09	1.17	1.15	0.75	0.73	0.42	0.48	1.17	0.02	1.7%
NC_429	20	4371	0.78	0.72	0.13	0.72	0.79	0.72	0.71	0.72	0.49	0.46	0.25	0.28	0.79	0.07	9.9%
NC_430	10	4364	1.26	1.26	0.12	1.27	1.27	1.06	1.05	1.06	0.71	0.67	0.37	0.40	1.27	0.00	0.0%
NC_431	20	4433	0.63	0.61	0.09	0.61	0.52	0.60	0.61	0.61	0.44	0.41	0.24	0.27	0.61	0.00	0.2%
NC_432	15	4401	3.48	3.38	0.30	3.43	3.27	2.95	3.47	3.33	2.22	2.19	1.25	1.40	3.47	0.04	1.1%
NC_433	20	4428	2.66	2.65	0.19	2.66	2.11	2.36	2.69	2.62	1.83	1.80	1.04	1.17	2.69	0.03	1.1%
NC_434	20	4433	0.53	0.52	0.06	0.53	0.38	0.50	0.53	0.53	0.39	0.38	0.23	0.25	0.53	0.00	0.4%
NC_435	10	4364	0.91	0.91	0.09	0.92	0.92	0.79	0.78	0.79	0.54	0.50	0.27	0.30	0.92	0.00	0.1%
NC_436	25	4461	3.82	3.81	0.23	3.84	2.66	3.37	3.72	3.70	2.72	2.72	1.61	1.81	3.72	-0.12	-3.2%
NC_437	120	4499	195.28	195.91	15.59	196.46	62.79	111.03	111.57	111.61	190.50	196.46	203.68	176.57	203.68	7.22	3.7%
NC_438	10	4364	1.64	1.65	0.13	1.66	1.66	1.40	1.48	1.46	0.96	0.91	0.52	0.57	1.66	0.00	0.1%
NC_439	20	4433	0.53	0.52	0.06	0.53	0.38	0.50	0.53	0.53	0.39	0.38	0.23	0.25	0.53	0.00	0.4%
NC_440	25	4460	4.16	4.17	0.28	4.20	3.07	3.85	4.10	4.06	3.44	3.23	2.09	2.29	4.10	-0.10	-2.4%
NC_441	20	4433	1.39	1.34	0.17	1.35	1.17	1.27	1.38	1.35	0.96	0.93	0.54	0.61	1.38	0.03	2.0%
NC_442	20	4433	0.81	0.77	0.13	0.77	0.76	0.77	0.77	0.77	0.54	0.50	0.29	0.32	0.77	0.00	0.0%
NC_443	60	4558	17.78	17.62	1.24	17.65	10.99	14.43	15.67	15.43	19.34	18.62	14.43	14.75	19.34	1.69	9.6%
NC_444	20	4433	1.32	1.28	0.14	1.28	1.20	1.21	1.30	1.28	0.85	0.83	0.48	0.54	1.30	0.02	1.6%
NC_445	20	4433	0.63	0.62	0.08	0.62	0.45	0.60	0.63	0.62	0.47	0.45	0.27	0.30	0.63	0.01	1.3%
NC_446	10	4364	2.35	2.36	0.13	2.37	2.37	1.96	2.19	2.12	1.38	1.34	0.77	0.84	2.37	0.00	-0.1%
NC_447	20	4429	1.76	1.69	0.22	1.71	1.67	1.58	1.71	1.68	1.14	1.09	0.63	0.71	1.71	0.00	0.1%
NC_448	25	4461	3.48	3.54	0.22	3.55	1.81	3.04	3.29	3.23	3.06	2.91	1.85	2.02	3.29	-0.26	-7.2%
NC_449	25	4394	3.94	4.01	0.29	4.01	2.79	3.50	3.93	3.87	2.90	2.83	1.69	1.89	3.93	-0.08	-1.9%
NC_450	25	4394	4.30	4.39	0.32	4.41	2.49	3.71	4.15	4.05	3.46	3.41	2.06	2.30	4.15	-0.26	-5.9%
NC_451	25	4394	3.90	3.99	0.31	3.99	2.32	3.39	3.81	3.71	3.14	3.05	1.84	2.06	3.81	-0.18	-4.5%
NC_452	120	4499	6.34	6.33	0.42	6.48	1.89	3.44	3.45	3.46	6.15	6.48	6.61	5.70	6.61	0.13	2.0%
NC_453	20	4433	1.44	1.38	0.17	1.39	1.30	1.35	1.40	1.39	1.00	0.94	0.56	0.63	1.40	0.01	0.6%
NC_454	25	4464	1.33	1.33	0.08	1.34	0.78	1.22	1.27	1.26	1.16	1.09	0.70	0.76	1.27	-0.07	-5.1%
NC_455	25	4460	2.22	2.23	0.16	2.24	1.20	1.98	2.13	2.09	1.93	1.82	1.15	1.26	2.13	-0.11	-4.9%
NC_456	10	4364	1.94	1.96	0.15	1.97	1.97	1.62	1.71	1.69	1.10	1.05	0.60	0.65	1.97	0.00	-0.2%

ARR2019 Results for 1%AEP Event																	
Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_457	120	4499	195.38	196.04	15.61	196.62	62.87	111.16	111.70	111.74	190.66	196.62	203.73	176.59	203.73	7.10	3.6%
NC_458	120	4499	60.42	60.47	3.33	61.16	23.37	36.57	37.30	37.27	56.47	61.16	60.97	52.88	61.16	0.00	0.0%
NC_459	10	4364	0.88	0.89	0.09	0.89	0.89	0.76	0.75	0.75	0.51	0.48	0.26	0.28	0.89	0.00	0.3%
NC_460	10	4364	0.88	0.89	0.09	0.89	0.89	0.77	0.76	0.77	0.52	0.49	0.27	0.29	0.89	0.00	0.4%
NC_461	20	4429	2.73	2.71	0.19	2.74	2.34	2.41	2.74	2.68	1.75	1.73	1.00	1.12	2.74	0.00	0.1%
NC_462	20	4429	2.31	2.20	0.30	2.23	2.27	2.03	2.23	2.17	1.47	1.40	0.80	0.89	2.27	0.04	1.8%
NC_463	15	4401	2.67	2.54	0.31	2.55	2.69	2.29	2.56	2.48	1.63	1.58	0.91	1.00	2.69	0.14	5.5%
NC_464	20	4433	0.61	0.59	0.09	0.59	0.51	0.58	0.59	0.59	0.42	0.39	0.23	0.26	0.59	0.00	0.2%
NC_465	10	4364	1.94	1.95	0.14	1.97	1.97	1.73	1.84	1.81	1.20	1.14	0.66	0.72	1.97	0.00	-0.3%
NC_466	60	4558	39.09	38.21	2.99	38.41	13.30	25.54	26.23	26.19	35.65	38.49	26.10	28.51	38.49	0.08	0.2%
NC_467	20	4433	0.53	0.52	0.06	0.53	0.38	0.51	0.53	0.53	0.39	0.38	0.23	0.25	0.53	0.00	0.4%
NC_468	20	4433	1.11	1.03	0.18	1.04	1.12	1.03	1.03	1.04	0.71	0.66	0.37	0.41	1.12	0.08	7.5%
NC_469	20	4404	2.08	2.07	0.16	2.07	1.68	1.85	2.10	2.04	1.42	1.39	0.81	0.91	2.10	0.03	1.2%
NC_470	30	4498	4.25	4.22	0.32	4.28	2.60	3.69	3.94	3.91	3.61	3.54	2.29	2.50	3.94	-0.34	-7.9%
NC_471	10	4364	0.88	0.89	0.09	0.89	0.89	0.77	0.75	0.76	0.52	0.48	0.26	0.29	0.89	0.00	0.4%
NC_472	20	4433	0.97	0.96	0.08	0.96	0.67	0.91	0.97	0.96	0.76	0.73	0.45	0.49	0.97	0.01	1.0%
NC_473	10	4364	0.92	0.93	0.10	0.93	0.93	0.83	0.82	0.82	0.56	0.52	0.29	0.32	0.93	0.00	0.3%
NC_474	20	4433	0.53	0.52	0.06	0.52	0.38	0.50	0.53	0.52	0.39	0.38	0.23	0.25	0.53	0.01	2.1%
NC_475	10	4364	0.91	0.90	0.09	0.91	0.91	0.77	0.75	0.76	0.51	0.48	0.26	0.28	0.91	0.00	0.1%
NC_476	20	4429	0.66	0.63	0.10	0.63	0.59	0.63	0.63	0.63	0.45	0.41	0.24	0.27	0.63	0.00	0.6%
NC_477	20	4371	0.78	0.72	0.13	0.73	0.77	0.73	0.72	0.72	0.50	0.46	0.26	0.29	0.77	0.04	5.9%
NC_478	10	4364	1.69	1.70	0.14	1.71	1.71	1.41	1.49	1.47	0.96	0.92	0.52	0.57	1.71	0.00	-0.2%
NC_479	10	4364	2.67	2.68	0.14	2.69	2.69	2.17	2.43	2.36	1.52	1.48	0.85	0.93	2.69	0.00	0.1%
NC_480	10	4364	1.50	1.50	0.14	1.51	1.51	1.25	1.26	1.26	0.85	0.79	0.44	0.48	1.51	0.00	0.0%
NC_481	25	4464	1.02	1.02	0.07	1.03	0.56	0.94	0.99	0.98	0.90	0.84	0.54	0.59	0.99	-0.04	-4.2%
NC_482	10	4364	1.82	1.84	0.15	1.85	1.85	1.55	1.63	1.61	1.06	1.00	0.57	0.62	1.85	0.00	-0.2%
NC_483	60	4558	39.80	38.97	2.55	39.15	13.87	25.33	25.95	25.93	36.40	39.27	27.41	29.50	39.27	0.12	0.3%
NC_484	60	4558	6.08	6.07	0.34	6.08	2.52	3.84	3.93	3.92	5.88	5.65	4.73	4.73	5.88	-0.20	-3.2%
NC_485	45	4528	7.05	7.03	0.45	7.25	4.38	6.04	6.54	6.47	6.57	6.41	4.63	4.91	6.57	-0.68	-9.4%
NC_486	10	4357	1.05	1.06	0.10	1.06	1.06	0.96	0.96	0.96	0.66	0.61	0.34	0.38	1.06	0.00	0.3%
NC_487	10	4364	1.10	1.08	0.09	1.09	1.09	0.96	0.88	0.93	0.60	0.56	0.30	0.33	1.09	0.00	0.1%
NC_488	180	4651	6.63	6.81	0.75	7.01	1.91	3.49	3.50	3.50	6.27	6.62	7.01	5.97	7.01	0.00	0.0%
NC_489	20	4433	1.16	1.07	0.19	1.07	1.17	1.07	1.07	1.07	0.74	0.69	0.39	0.43	1.17	0.10	9.3%
NC_490	10	4364	1.09	1.08	0.10	1.09	1.09	0.93	0.89	0.92	0.61	0.57	0.31	0.34	1.09	0.00	0.3%
NC_491	10	4364	1.13	1.12	0.10	1.13	1.13	0.97	0.91	0.95	0.62	0.58	0.32	0.34	1.13	0.00	-0.4%
NC_492	60	4558	33.55	33.27	2.19	33.30	14.40	23.19	23.82	23.80	32.30	32.08	25.66	26.33	32.30	-1.00	-3.0%
NC_493	10	4364	1.58	1.59	0.12	1.60	1.60	1.40	1.48	1.46	0.97	0.92	0.52	0.58	1.60	0.00	-0.1%
NC_494	10	4364	1.66	1.67	0.13	1.68	1.68	1.40	1.48	1.46	0.96	0.92	0.52	0.57	1.68	0.00	-0.2%
NC_495	20	4371	0.75	0.70	0.12	0.70	0.72	0.70	0.70	0.70	0.49	0.45	0.26	0.28	0.72	0.02	3.3%
NC_496	10	4364	0.85	0.86	0.09	0.86	0.86	0.75	0.74	0.74	0.51	0.47	0.26	0.28	0.86	0.00	0.5%
NC_497	25	4464	0.99	1.00	0.06	1.00	0.50	0.89	0.94	0.93	0.87	0.82	0.52	0.57	0.94	-0.06	-5.8%
NC_498	10	4364	1.06	1.07	0.11	1.08	1.08	0.97	0.96	0.97	0.66	0.61	0.34	0.38	1.08	0.00	-0.1%
NC_499	120	4499	60.58	60.64	3.25	61.37	23.35	36.61	37.30	37.28	56.50	61.37	61.25	52.99	61.37	0.00	0.0%
NC_500	25	4461	2.34	2.38	0.24	2.41	1.56	2.04	2.37	2.27	1.84	1.77	1.05	1.18	2.37	-0.04	-1.9%
NC_501	10	4364	2.69	2.70	0.14	2.71	2.71	2.23	2.50	2.42	1.56	1.51	0.87	0.96	2.71	0.00	0.0%
NC_502	120	4499	195.49	196.17	15.64	196.77	62.95	111.29	111.82	111.86	190.80	196.77	203.77	176.76	203.77	7.00	3.6%
NC_503	10	4364	1.95	1.96	0.15	1.97	1.97	1.59	1.63	1.62	1.04	1.00	0.56	0.61	1.97	0.00	0.1%
NC_504	20	4399	1.76	1.74	0.17	1.74	1.31	1.58	1.78	1.71	1.30	1.26	0.73	0.83	1.78	0.04	2.4%
NC_505	20	4433	1.32	1.27	0.15	1.28	1.18	1.24	1.29	1.28	0.90	0.86	0.51	0.57	1.29	0.01	0.9%
NC_506	60	4558	6.05	6.07	0.42	6.07	2.55	3.94	4.06	4.04	5.90	5.63	4.56	4.68	5.90	-0.17	-2.8%
NC_507	10	4364	4.00	4.02	0.21	4.04	4.04	3.21	3.60	3.48	2.25	2.18	1.25	1.37	4.04	0.00	-0.1%
NC_508	20	4399	1.12	1.11	0.10	1.11	0.85	1.04	1.13	1.11	0.81	0.79	0.47	0.52	1.13	0.02	1.7%
NC_509	20	4399	1.07	1.06	0.08	1.06	0.66	0.99	1.09	1.06	0.85	0.82	0.49	0.55	1.09	0.03	2.5%
NC_510	10	4364	2.63	2.65	0.15	2.66	2.66	2.19	2.44	2.37	1.53	1.48	0.85	0.93	2.66	0.00	-0.2%
NC_511	10	4364	1.63	1.64	0.13	1.65	1.65	1.39	1.46	1.44	0.95	0.90	0.51	0.56	1.65	0.00	0.2%
NC_512	10	4364	1.08	1.09	0.11	1.10	1.10	0.98	0.97	0.98	0.67	0.62	0.35	0.38	1.10	0.00	0.1%
NC_513	10	4364	2.33	2.34	0.14	2.35	2.35	1.87	2.08	2.02	1.31	1.26	0.72	0.79	2.35	0.00	0.1%
NC_514	10	4364	1.31	1.31	0.12	1.32	1.32	1.12	1.08	1.11	0.73	0.68	0.37	0.41	1.32	0.00	-0.1%
NC_515	25	4460	1.61	1.64	0.14	1.66	0.91	1.44	1.59	1.54	1.32	1.26	0.77	0.85	1.59	-0.07	-4.3%
NC_516	10	4364	2.54	2.56	0.13	2.57	2.57	2.04	2.30	2.22	1.44	1.40	0.80	0.88	2.57	0.00	-0.2%
NC_517	20	4433	0.68	0.67	0.07	0.67	0.47	0.64	0.68	0.67	0.52	0.50	0.31	0.34	0.68	0.01	1.3%
NC_518	15	4401	3.30	3.20	0.32	3.22	3.30	2.70	3.14	3.01	1.94	1.90	1.09	1.20	3.30	0.08	2.5%
NC_519	120	4499	195.57	196.27	15.67	196.92	63.03	111.42	111.96	111.99	190.95	196.92	203.76	176.74	203.76	6.84	3.5%
NC_520	120	4499	60.61	60.66	3.22	61.39	23.31	36.59	37.27	37.25	56.49	61.39	61.33	53.03	61.39	0.00	0.0%
NC_521	20	4433	0.54	0.53	0.06	0.53	0.38	0.51	0.54	0.53	0.40	0.39	0.23	0.26	0.54	0.01	1.9%
NC_522	10	4364	2.29	2.30	0.17	2.31	2.31	1.97	2.09	2.06	1.35	1.28	0.74	0.81	2.31	0.00	0.1%
NC_523	10	4364	1.87	1.88	0.15	1.90	1.90	1.54	1.63	1.61	1.05	1.00	0.57	0.62	1.90	0.00	-0.3%
NC_524	60	4558	33.50	33.20	2.10	33.23	14.26	23.10	23.69	23.68	32.23	32.01	25.81	26.32	32.23	-1.00	-3.0%
NC_525	25	4394	1.39	1.39	0.09	1.40	0.79	1.26	1.35	1.33	1.12	1.07	0.67	0.73	1.35	-0.05	-3.8%
NC_526	25	4394	23.46	23.76	1.45	23.89	17.13	20.83	23.07	22.68	24.49	23.16	17.44	17.85	24.49	0.59	2.5%
NC_527	30	4498	1.65	1.65	0.10	1.67	0.80	1.40	1.43	1.43	1.41	1.37	0.87	0.95	1.43	-0.24	-14.3%
NC_528	45	4534	2.90	2.89	0.14	2.92	1.20	2.13	2.19	2.18	2.54	2.60	1.76	1.93	2.60	-0.32	-10.9%
NC_529	45	4496	3.01	3.01	0.09	3.03	1.19	2.13	2.18	2.18	2.70	2.74	1.94	2.12	2.74	-0.29	-9.5%
NC_530	10	4364	0.99	0.99	0.10	1.00	1.00	0.88	0.88	0.88	0.60	0.56	0.31	0.34	1.00	0.00	0.2%
NC_531	10	4357	0.86	0.87	0.09	0.88	0.88	0.80	0.79	0.79	0.54	0.51	0.28	0.31	0.88	0.00	-0.1%
NC_532	120	4499	195.71	196.44	15.71	197.15	63.15	111.61	112.15	112.19	191.18	197.15	203.79	176.93	203.79	6.64	3.4%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_533	10	4364	0.90	0.90	0.09	0.91	0.91	0.77	0.75	0.76	0.52	0.48	0.26	0.28	0.91	0.00	0.0%
NC_534	45	4528	2.49	2.48	0.21	2.54	1.20	2.07	2.15	2.14	2.18	2.12	1.37	1.49	2.18	-0.36	-14.1%
NC_535	120	4499	195.75	196.48	15.74	197.28	63.23	111.75	112.29	112.32	191.32	197.28	203.68	176.87	203.68	6.40	3.2%
NC_536	45	4528	2.70	2.72	0.19	2.79	1.19	2.09	2.17	2.15	2.35	2.38	1.55	1.70	2.38	-0.42	-14.9%
NC_537	10	4357	0.93	0.92	0.09	0.93	0.93	0.80	0.75	0.79	0.52	0.48	0.26	0.28	0.93	0.00	0.1%
NC_538	15	4401	3.61	3.48	0.35	3.51	3.57	2.97	3.47	3.34	2.14	2.11	1.21	1.34	3.57	0.06	1.8%
NC_539	60	4558	33.39	33.08	2.03	33.10	14.12	22.96	23.53	23.52	32.09	31.87	25.95	26.29	32.09	-1.01	-3.1%
NC_540	10	4364	0.89	0.89	0.09	0.89	0.89	0.76	0.75	0.75	0.51	0.48	0.26	0.28	0.89	0.00	0.4%
NC_541	45	4528	6.01	6.09	0.40	6.15	2.59	4.31	4.50	4.47	5.93	5.56	4.33	4.56	5.93	-0.22	-3.6%
NC_542	10	4357	0.88	0.88	0.09	0.89	0.89	0.76	0.75	0.76	0.52	0.48	0.26	0.29	0.89	0.00	0.2%
NC_543	15	4401	4.24	4.14	0.33	4.19	4.05	3.41	4.11	3.93	2.53	2.50	1.42	1.59	4.11	-0.08	-1.9%
NC_544	20	4433	0.81	0.78	0.11	0.79	0.69	0.78	0.79	0.79	0.57	0.53	0.32	0.35	0.79	0.00	-0.3%
NC_545	20	4433	1.25	1.23	0.13	1.23	0.98	1.18	1.24	1.23	0.91	0.88	0.53	0.59	1.24	0.01	1.1%
NC_546	20	4433	0.74	0.72	0.08	0.73	0.52	0.70	0.73	0.73	0.56	0.54	0.33	0.36	0.73	0.00	0.3%
NC_547	20	4433	0.56	0.54	0.08	0.55	0.43	0.54	0.56	0.55	0.40	0.39	0.23	0.26	0.56	0.01	0.9%
NC_548	10	4364	1.01	1.02	0.06	1.02	1.02	0.80	0.90	0.87	0.56	0.54	0.31	0.34	1.02	0.00	0.0%
NC_549	20	4371	0.75	0.70	0.13	0.70	0.76	0.70	0.69	0.70	0.48	0.45	0.25	0.27	0.76	0.06	7.9%
NC_550	20	4433	1.22	1.18	0.16	1.19	1.00	1.13	1.21	1.19	0.85	0.82	0.48	0.53	1.21	0.02	1.3%
NC_551	20	4399	1.81	1.79	0.16	1.80	1.29	1.62	1.84	1.77	1.38	1.33	0.79	0.88	1.84	0.03	1.9%
NC_552	20	4429	1.61	1.53	0.23	1.54	1.59	1.45	1.54	1.51	1.01	0.96	0.55	0.61	1.59	0.05	3.4%
NC_553	20	4433	1.44	1.39	0.15	1.40	1.32	1.31	1.42	1.40	0.92	0.90	0.52	0.59	1.42	0.02	1.2%
NC_554	20	4433	0.58	0.57	0.07	0.57	0.41	0.55	0.58	0.57	0.43	0.42	0.25	0.28	0.58	0.01	1.4%
NC_555	15	4401	7.43	7.19	0.72	7.23	7.30	6.06	7.12	6.82	4.44	4.34	2.48	2.76	7.30	0.07	0.9%
NC_556	20	4429	0.63	0.60	0.09	0.61	0.54	0.60	0.61	0.61	0.44	0.40	0.24	0.27	0.61	0.00	-0.3%
NC_557	20	4371	0.92	0.85	0.16	0.85	0.94	0.85	0.85	0.85	0.58	0.54	0.30	0.33	0.94	0.09	10.2%
NC_558	60	4558	33.82	33.41	1.81	33.43	14.10	23.00	23.53	23.54	32.33	32.18	26.85	26.76	32.33	-1.10	-3.3%
NC_559	15	4401	8.05	7.87	0.66	7.95	7.76	6.46	7.78	7.38	4.87	4.79	2.71	3.03	7.78	-0.17	-2.2%
NC_560	180	4651	7.17	7.27	0.71	7.43	1.94	3.56	3.57	3.57	6.46	6.87	7.43	6.21	7.43	0.00	0.0%
NC_561	15	4401	9.42	9.34	0.65	9.44	8.87	7.52	9.13	8.62	5.75	5.67	3.20	3.61	9.13	-0.31	-3.3%
NC_562	10	4364	1.59	1.60	0.15	1.61	1.61	1.35	1.36	1.36	0.91	0.85	0.47	0.52	1.61	0.00	-0.2%
NC_563	10	4364	1.14	1.15	0.11	1.16	1.16	1.04	1.04	1.04	0.71	0.66	0.37	0.41	1.16	0.00	0.0%
NC_564	20	4433	1.39	1.33	0.15	1.34	1.30	1.26	1.36	1.34	0.87	0.84	0.49	0.55	1.36	0.02	1.3%
NC_565	10	4364	0.91	0.90	0.09	0.91	0.91	0.77	0.75	0.76	0.52	0.48	0.26	0.28	0.91	0.00	0.1%
NC_566	10	4364	1.00	1.00	0.10	1.01	1.01	0.86	0.85	0.86	0.58	0.54	0.30	0.32	1.01	0.00	0.2%
NC_567	10	4364	0.86	0.86	0.09	0.87	0.87	0.75	0.74	0.74	0.51	0.47	0.26	0.28	0.87	0.00	-0.3%
NC_568	20	4433	0.67	0.64	0.10	0.64	0.62	0.64	0.64	0.64	0.45	0.41	0.24	0.27	0.64	0.00	-0.5%
NC_569	20	4429	0.75	0.72	0.09	0.73	0.73	0.65	0.73	0.70	0.47	0.45	0.26	0.29	0.73	0.00	0.4%
NC_570	20	4433	0.72	0.68	0.11	0.68	0.67	0.68	0.68	0.68	0.48	0.44	0.25	0.28	0.68	0.00	-0.1%
NC_571	120	4617	62.54	62.73	2.47	63.57	23.73	37.98	37.75	37.78	58.67	63.83	63.85	54.25	63.85	0.28	0.4%
NC_572	20	4433	1.15	1.12	0.13	1.12	0.97	1.08	1.14	1.12	0.79	0.77	0.46	0.51	1.14	0.01	1.3%
NC_573	15	4401	10.56	10.66	0.42	10.73	9.39	8.25	10.44	10.03	6.57	6.52	3.66	4.20	10.44	-0.29	-2.7%
NC_574	120	4499	101.98	101.74	9.02	104.06	40.09	65.69	66.27	66.34	100.16	104.06	102.42	91.46	104.06	0.00	0.0%
NC_575	25	4394	14.04	14.27	0.91	14.33	8.52	12.22	13.48	13.22	11.40	11.32	6.90	7.68	13.48	-0.85	-6.0%
NC_576	20	4371	0.80	0.74	0.14	0.74	0.80	0.74	0.73	0.74	0.51	0.47	0.26	0.29	0.80	0.06	8.6%
NC_577	60	4558	38.93	38.13	2.02	38.26	13.18	24.36	24.92	24.89	36.10	38.57	28.86	29.77	38.57	0.31	0.8%
NC_578	20	4433	0.67	0.63	0.10	0.63	0.60	0.63	0.63	0.63	0.45	0.41	0.24	0.27	0.63	0.00	0.5%
NC_579	20	4433	1.16	1.13	0.15	1.14	0.90	1.09	1.16	1.14	0.82	0.80	0.47	0.53	1.16	0.02	1.6%
NC_580	10	4364	1.00	0.99	0.09	1.00	1.00	0.86	0.80	0.84	0.55	0.51	0.28	0.30	1.00	-0.01	-0.5%
NC_581	25	4458	16.90	16.72	1.11	17.02	13.49	14.43	16.84	16.58	10.89	11.28	6.52	7.40	16.84	-0.18	-1.0%
NC_582	20	4433	0.54	0.53	0.07	0.54	0.39	0.52	0.54	0.54	0.40	0.39	0.23	0.26	0.54	0.00	0.4%
NC_583	20	4433	1.02	0.95	0.17	0.95	1.03	0.95	0.95	0.95	0.66	0.61	0.34	0.38	1.03	0.08	7.9%
NC_584	20	4371	0.80	0.74	0.14	0.74	0.81	0.74	0.73	0.74	0.51	0.47	0.26	0.29	0.81	0.07	8.8%
NC_585	60	4558	33.69	33.28	1.74	33.30	13.96	22.85	23.36	23.36	32.20	32.03	27.01	26.75	32.20	-1.10	-3.3%
NC_586	15	4407	11.69	11.76	0.36	11.80	10.12	9.47	11.64	11.32	7.30	7.31	4.13	4.72	11.64	-0.16	-1.4%
NC_587	60	4558	46.11	45.38	1.82	45.43	19.30	31.42	31.88	31.91	43.31	43.20	38.42	37.21	43.31	-2.12	-4.7%
NC_588	10	4364	2.65	2.67	0.20	2.69	2.69	2.18	2.34	2.29	1.49	1.43	0.81	0.89	2.69	0.00	-0.1%
NC_589	20	4433	1.25	1.20	0.16	1.21	1.03	1.16	1.24	1.21	0.87	0.84	0.49	0.55	1.24	0.03	2.1%
NC_590	20	4399	3.45	3.40	0.29	3.42	3.00	3.16	3.43	3.39	2.25	2.20	1.31	1.46	3.43	0.01	0.4%
NC_591	25	4458	17.18	17.06	0.89	17.40	12.60	14.92	16.74	16.59	11.20	11.91	6.99	7.91	16.74	-0.66	-3.8%
NC_592	20	4433	1.00	0.92	0.17	0.93	1.01	0.92	0.92	0.93	0.64	0.59	0.33	0.36	1.01	0.08	8.8%
NC_593	120	4499	102.03	101.76	9.00	104.07	40.06	65.65	66.23	66.29	100.16	104.07	102.50	91.48	104.07	0.00	0.0%
NC_594	20	4433	0.58	0.56	0.08	0.56	0.46	0.55	0.57	0.56	0.41	0.39	0.23	0.26	0.57	0.00	0.9%
NC_595	25	4394	13.30	13.52	0.90	13.56	8.15	11.62	12.82	12.57	10.76	10.61	6.45	7.17	12.82	-0.74	-5.4%
NC_596	20	4429	1.71	1.63	0.24	1.64	1.69	1.54	1.64	1.61	1.08	1.03	0.59	0.66	1.69	0.05	2.9%
NC_597	10	4357	0.96	0.94	0.08	0.95	0.95	0.85	0.76	0.81	0.52	0.48	0.26	0.29	0.95	0.00	0.0%
NC_598	120	4499	188.77	188.86	15.81	191.81	62.11	109.41	109.97	110.01	186.14	191.81	194.24	170.19	194.24	2.43	1.3%
NC_599	10	4364	1.83	1.84	0.14	1.85	1.85	1.51	1.60	1.57	1.03	0.98	0.56	0.61	1.85	0.00	-0.1%
NC_600	20	4367	12.91	13.10	0.92	13.20	10.84	10.84	12.92	12.72	8.11	8.18	4.65	5.32	12.92	-0.28	-2.1%
NC_601	120	4499	102.06	101.76	8.99	104.07	40.03	65.61	66.18	66.25	100.15	104.07	102.60	91.49	104.07	0.00	0.0%
NC_602	20	4429	2.62	2.52	0.33	2.55	2.51	2.34	2.55	2.49	1.68	1.61	0.93	1.04	2.55	0.00	0.2%
NC_603	120	4499	110.84	109.94	7.99	111.64	40.52	66.85	67.24	67.33	109.26	111.64	111.99	97.73	111.99	0.34	0.3%
NC_604	60	4558	142.87	142.43	3.34	142.59	51.82	90.60	91.21	91.31	145.08	150.36	140.80	127.44	150.36	7.77	5.4%
NC_605	120	4499	195.23	195.37	16.11	198.01	63.81	112.58	113.14	113.18	192.07	198.01	201.45	176.13	201.45	3.44	1.7%
NC_606	120	4499	110.78	109.87	7.97	111.60	40.41	66.75	67.10	67.20	109.02	111.60	112.13	97.79	112.13	0.53	0.5%
NC_607	120	4499	110.91	110.01	8.00	111.70	40.59	66.93	67.34	67.43	109.47	111.70	111.96	97.69	111.96	0.26	0.2%
NC_608	15	4401	14.44	14.47	0.52	14.55	12.64	11.58	14.33	13.88	8.99	9.11	5.15	5.86	14.33	-0.22	-1.5%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_609	25	4458	12.92	12.80	0.79	12.97	9.83	11.33	12.78	12.71	8.36	8.70	5.06	5.77	12.78	-0.19	-1.4%
NC_610	60	4558	142.65	142.18	3.29	142.34	51.56	90.42	91.00	91.10	144.96	150.23	141.20	127.64	150.23	7.89	5.5%
NC_611	10	4364	1.47	1.48	0.14	1.49	1.49	1.27	1.27	1.28	0.86	0.80	0.45	0.49	1.49	0.00	-0.1%
NC_612	20	4429	3.27	3.19	0.35	3.23	3.12	2.82	3.23	3.11	2.11	2.05	1.18	1.32	3.23	0.00	0.1%
NC_613	20	4429	1.80	1.70	0.25	1.72	1.82	1.61	1.72	1.69	1.12	1.07	0.61	0.68	1.82	0.10	5.5%
NC_614	20	4428	2.16	2.16	0.17	2.16	1.52	1.92	2.19	2.10	1.67	1.61	0.95	1.06	2.19	0.03	1.4%
NC_615	20	4429	0.72	0.68	0.11	0.68	0.66	0.67	0.68	0.68	0.47	0.44	0.25	0.28	0.68	0.00	0.4%
NC_616	120	4499	105.65	105.18	8.41	106.89	40.36	66.26	66.79	66.86	102.94	106.89	106.33	93.66	106.89	0.00	0.0%
NC_617	20	4433	0.99	0.93	0.16	0.93	0.98	0.92	0.92	0.93	0.64	0.60	0.34	0.37	0.98	0.05	5.8%
NC_618	10	4364	0.85	0.85	0.09	0.86	0.86	0.75	0.73	0.74	0.50	0.47	0.26	0.28	0.86	0.00	-0.2%
NC_619	60	4558	142.56	142.10	3.32	142.26	51.52	90.42	91.01	91.11	144.81	150.11	140.80	127.46	150.11	7.85	5.5%
NC_620	120	4499	188.71	188.75	15.84	191.84	62.14	109.47	110.03	110.06	186.18	191.84	194.03	170.05	194.03	2.19	1.1%
NC_621	120	4499	195.23	195.41	16.07	197.87	63.73	112.46	113.02	113.06	191.92	197.87	201.64	176.14	201.64	3.77	1.9%
NC_622	25	4464	0.93	0.93	0.08	0.93	0.55	0.86	0.92	0.90	0.77	0.73	0.45	0.50	0.92	-0.01	-1.4%
NC_623	120	4499	107.10	106.21	8.07	107.75	40.27	66.20	66.70	66.77	104.18	107.75	108.37	94.76	108.37	0.62	0.6%
NC_624	10	4364	1.00	1.00	0.10	1.00	1.00	0.85	0.82	0.84	0.56	0.53	0.29	0.31	1.00	0.00	0.4%
NC_625	25	4461	3.47	3.50	0.24	3.51	2.55	3.10	3.48	3.43	2.49	2.43	1.46	1.63	3.48	-0.03	-1.0%
NC_626	60	4558	46.25	45.52	1.86	45.56	19.45	31.59	32.07	32.10	43.38	43.31	38.27	37.23	43.38	-2.18	-4.8%
NC_627	20	4433	0.59	0.57	0.08	0.58	0.46	0.57	0.58	0.58	0.42	0.40	0.24	0.27	0.58	0.00	0.7%
NC_628	20	4433	0.59	0.57	0.08	0.58	0.49	0.57	0.58	0.58	0.42	0.39	0.23	0.26	0.58	0.00	-0.2%
NC_629	120	4499	106.19	105.58	8.26	107.18	40.35	66.26	66.79	66.85	103.44	107.18	107.05	94.00	107.18	0.00	0.0%
NC_630	20	4399	1.74	1.73	0.13	1.74	1.16	1.58	1.76	1.70	1.39	1.33	0.80	0.88	1.76	0.02	1.4%
NC_631	10	4364	0.97	0.95	0.08	0.96	0.96	0.85	0.76	0.82	0.52	0.49	0.26	0.29	0.96	-0.01	-0.5%
NC_632	10	4364	0.87	0.88	0.09	0.89	0.89	0.77	0.75	0.76	0.52	0.48	0.26	0.29	0.89	-0.01	-0.6%
NC_633	10	4364	0.91	0.91	0.09	0.92	0.92	0.78	0.77	0.77	0.53	0.49	0.27	0.29	0.92	0.00	0.0%
NC_634	25	4458	18.37	18.26	0.80	18.57	12.58	16.06	17.59	17.50	12.39	13.40	7.97	9.01	17.59	-0.98	-5.3%
NC_635	45	4534	26.32	26.13	1.25	26.58	16.14	22.63	24.14	24.02	26.27	26.66	20.18	20.64	26.66	0.08	0.3%
NC_636	20	4371	0.76	0.71	0.13	0.71	0.75	0.71	0.70	0.71	0.49	0.45	0.25	0.28	0.75	0.04	6.2%
NC_637	60	4558	34.01	33.49	1.45	33.51	13.77	22.72	23.17	23.17	32.38	32.22	28.43	27.38	32.38	-1.13	-3.4%
NC_638	10	4364	1.89	1.91	0.15	1.92	1.92	1.63	1.72	1.69	1.12	1.06	0.61	0.67	1.92	0.00	-0.2%
NC_639	25	4394	10.87	11.06	0.73	11.08	6.59	9.52	10.47	10.28	8.77	8.61	5.24	5.82	10.47	-0.61	-5.5%
NC_640	25	4464	0.88	0.88	0.06	0.88	0.48	0.80	0.85	0.84	0.75	0.70	0.44	0.48	0.85	-0.03	-3.3%
NC_641	10	4364	0.95	0.94	0.08	0.94	0.94	0.83	0.76	0.80	0.52	0.48	0.26	0.29	0.94	0.00	0.3%
NC_642	45	4533	16.07	16.05	0.57	16.25	8.16	12.54	12.88	12.88	12.94	13.40	9.64	10.40	13.40	-2.85	-17.6%
NC_643	10	4364	0.93	0.92	0.09	0.93	0.93	0.80	0.75	0.79	0.52	0.48	0.26	0.28	0.93	0.00	0.2%
NC_644	15	4401	14.99	14.89	0.95	15.03	13.57	12.33	14.93	14.24	9.68	9.52	5.39	6.07	14.93	-0.10	-0.7%
NC_645	20	4371	0.83	0.77	0.14	0.77	0.81	0.77	0.77	0.77	0.54	0.50	0.28	0.31	0.81	0.04	4.8%
NC_646	20	4433	0.54	0.53	0.07	0.54	0.39	0.52	0.54	0.54	0.40	0.39	0.23	0.26	0.54	0.00	0.4%
NC_647	10	4364	0.93	0.93	0.09	0.94	0.94	0.80	0.78	0.79	0.54	0.50	0.27	0.30	0.94	0.00	-0.2%
NC_648	20	4428	3.40	3.37	0.26	3.40	2.91	2.99	3.42	3.32	2.29	2.23	1.31	1.46	3.42	0.02	0.5%
NC_649	20	4399	2.25	2.22	0.20	2.22	1.93	2.06	2.24	2.21	1.47	1.45	0.85	0.95	2.24	0.02	1.0%
NC_650	120	4499	106.26	105.59	8.24	107.19	40.30	66.19	66.71	66.78	103.45	107.19	107.23	94.10	107.23	0.04	0.0%
NC_651	10	4364	1.24	1.25	0.12	1.26	1.26	1.10	1.10	1.11	0.75	0.70	0.39	0.43	1.26	0.00	-0.2%
NC_652	120	4499	186.63	185.68	16.28	191.18	62.09	109.32	109.88	109.92	185.59	191.18	190.92	168.25	191.18	0.00	0.0%
NC_653	20	4429	1.52	1.44	0.22	1.45	1.50	1.37	1.45	1.43	0.96	0.91	0.52	0.58	1.50	0.05	3.7%
NC_654	20	4429	1.64	1.56	0.22	1.58	1.59	1.48	1.58	1.55	1.05	1.00	0.57	0.64	1.59	0.01	0.7%
NC_655	20	4399	1.70	1.66	0.17	1.67	1.30	1.53	1.71	1.66	1.22	1.19	0.69	0.78	1.71	0.04	2.6%
NC_656	15	4401	12.95	12.82	0.89	12.95	11.85	10.69	12.92	12.28	8.37	8.23	4.65	5.24	12.92	-0.04	-0.3%
NC_657	120	4499	107.00	106.18	8.11	107.72	40.32	66.26	66.77	66.84	104.19	107.72	108.17	94.63	108.17	0.45	0.4%
NC_658	90	4395	162.40	164.05	9.10	164.64	59.41	99.48	100.00	100.09	164.64	169.18	159.48	144.43	169.18	4.54	2.8%
NC_659	20	4429	1.48	1.41	0.20	1.42	1.41	1.34	1.42	1.40	0.95	0.90	0.52	0.58	1.42	0.00	0.1%
NC_660	120	4499	106.30	105.60	8.23	107.20	40.27	66.16	66.68	66.75	103.46	107.20	107.29	94.12	107.29	0.09	0.1%
NC_661	20	4429	1.68	1.61	0.19	1.62	1.65	1.52	1.62	1.60	1.03	0.98	0.58	0.64	1.65	0.03	1.9%
NC_662	20	4433	1.31	1.28	0.14	1.29	0.95	1.21	1.32	1.29	0.98	0.95	0.57	0.63	1.32	0.02	1.9%
NC_663	20	4371	0.75	0.70	0.13	0.70	0.74	0.70	0.70	0.70	0.48	0.45	0.25	0.28	0.74	0.04	5.7%
NC_664	20	4367	2.30	2.23	0.26	2.26	2.19	2.01	2.27	2.19	1.48	1.44	0.83	0.92	2.27	0.01	0.3%
NC_665	20	4433	1.20	1.15	0.15	1.16	0.99	1.11	1.19	1.16	0.83	0.80	0.47	0.52	1.19	0.03	2.2%
NC_666	120	4499	186.73	185.80	16.32	191.37	62.17	109.44	110.00	110.04	185.75	191.37	190.94	168.23	191.37	0.00	0.0%
NC_667	20	4433	0.74	0.71	0.10	0.72	0.61	0.71	0.72	0.72	0.53	0.49	0.29	0.33	0.72	0.00	0.1%
NC_668	20	4433	0.61	0.60	0.09	0.60	0.48	0.59	0.61	0.60	0.44	0.42	0.25	0.28	0.61	0.01	0.8%
NC_669	20	4371	0.82	0.76	0.14	0.76	0.83	0.76	0.75	0.76	0.52	0.48	0.27	0.29	0.83	0.07	9.2%
NC_670	10	4364	0.96	0.96	0.10	0.97	0.97	0.84	0.83	0.83	0.57	0.53	0.29	0.32	0.97	0.00	-0.1%
NC_671	20	4433	0.73	0.70	0.10	0.71	0.60	0.70	0.71	0.71	0.51	0.48	0.29	0.32	0.71	0.00	-0.4%
NC_672	20	4429	1.98	1.91	0.23	1.94	1.88	1.74	1.94	1.88	1.27	1.23	0.71	0.79	1.94	0.00	0.2%
NC_673	10	4364	1.04	1.04	0.10	1.05	1.05	0.89	0.88	0.88	0.60	0.56	0.31	0.33	1.05	0.00	0.2%
NC_674	20	4371	0.76	0.70	0.13	0.70	0.75	0.70	0.70	0.70	0.48	0.45	0.25	0.28	0.75	0.05	7.1%
NC_675	20	4399	2.79	2.70	0.28	2.72	2.53	2.39	2.78	2.67	1.84	1.80	1.03	1.17	2.78	0.06	2.1%
NC_676	20	4433	1.92	1.84	0.22	1.84	1.72	1.70	1.90	1.84	1.27	1.23	0.71	0.80	1.90	0.06	3.2%
NC_677	10	4364	1.05	1.06	0.11	1.07	1.07	0.93	0.92	0.93	0.63	0.59	0.32	0.35	1.07	0.00	-0.3%
NC_678	25	4460	2.86	2.88	0.20	2.90	1.96	2.65	2.86	2.83	2.17	2.07	1.29	1.42	2.86	-0.04	-1.3%
NC_679	20	4399	4.50	4.38	0.46	4.39	4.09	3.83	4.49	4.29	2.96	2.90	1.65	1.86	4.49	0.10	2.3%
NC_680	20	4429	0.67	0.63	0.10	0.63	0.60	0.63	0.63	0.64	0.45	0.41	0.24	0.27	0.64	0.01	0.8%
NC_681	15	4401	9.15	9.01	0.68	9.11	8.50	7.46	9.09	8.64	5.84	5.75	3.25	3.66	9.09	-0.02	-0.2%
NC_682	20	4433	1.61	1.54	0.20	1.55	1.39	1.47	1.59	1.55	1.08	1.04	0.60	0.68	1.59	0.04	2.4%
NC_683	20	4433	0.56	0.55	0.07	0.55	0.41	0.54	0.56	0.55	0.41	0.40	0.24	0.26	0.56	0.01	1.6%
NC_684	20	4429	1.45	1.37	0.21	1.39	1.43	1.31	1.39	1.36	0.92	0.87	0.50	0.55	1.43	0.04	2.7%

ARR2019 Results for 1%AEP Event																	
Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_685	20	4433	0.65	0.61	0.09	0.62	0.56	0.61	0.63	0.62	0.43	0.40	0.23	0.26	0.63	0.01	1.1%
NC_686	45	4496	15.18	15.03	0.74	15.25	8.33	12.29	12.82	12.78	11.90	12.49	8.72	9.49	12.82	-2.44	-16.0%
NC_687	20	4429	5.72	5.73	0.42	5.76	4.59	4.85	5.76	5.55	4.02	3.94	2.28	2.56	5.76	0.00	0.0%
NC_688	20	4429	2.06	1.94	0.30	1.96	2.04	1.85	1.96	1.92	1.31	1.24	0.71	0.78	2.04	0.08	4.0%
NC_689	10	4364	0.83	0.84	0.09	0.84	0.84	0.76	0.76	0.76	0.52	0.48	0.27	0.30	0.84	0.00	0.2%
NC_690	25	4464	2.41	2.40	0.11	2.40	1.57	2.27	2.31	2.32	1.84	1.76	1.13	1.22	2.32	-0.08	-3.5%
NC_691	20	4433	0.73	0.71	0.10	0.71	0.59	0.70	0.72	0.71	0.52	0.49	0.29	0.33	0.72	0.01	0.7%
NC_692	20	4428	1.73	1.72	0.12	1.72	1.41	1.56	1.73	1.71	1.11	1.10	0.64	0.72	1.73	0.01	0.7%
NC_693	25	4464	3.27	3.26	0.17	3.26	2.31	3.02	3.19	3.15	2.60	2.43	1.61	1.73	3.19	-0.07	-2.3%
NC_694	20	4433	0.91	0.88	0.12	0.89	0.74	0.86	0.90	0.89	0.63	0.60	0.35	0.39	0.90	0.01	1.6%
NC_695	20	4399	1.95	1.93	0.17	1.93	1.68	1.81	1.94	1.92	1.29	1.26	0.76	0.84	1.94	0.01	0.6%
NC_696	90	4395	162.77	164.32	8.95	164.85	59.36	99.52	100.01	100.11	164.85	169.38	160.19	144.79	169.38	4.53	2.7%
NC_697	20	4429	1.40	1.35	0.16	1.36	1.33	1.27	1.36	1.34	0.88	0.85	0.49	0.55	1.36	0.00	-0.2%
NC_698	20	4433	0.62	0.60	0.07	0.61	0.44	0.59	0.62	0.61	0.46	0.44	0.27	0.30	0.62	0.01	0.8%
NC_699	10	4357	0.90	0.90	0.09	0.91	0.91	0.77	0.76	0.77	0.52	0.49	0.27	0.29	0.91	0.00	0.0%
NC_700	120	4499	186.56	185.31	16.46	191.52	62.27	109.58	110.15	110.19	185.91	191.52	190.28	168.01	191.52	0.00	0.0%
NC_701	20	4367	15.36	15.47	1.19	15.51	12.62	12.69	15.43	14.87	10.38	10.42	5.96	6.76	15.43	-0.08	-0.5%
NC_702	10	4364	0.84	0.85	0.09	0.86	0.86	0.75	0.73	0.74	0.50	0.47	0.26	0.28	0.86	0.00	-0.5%
NC_703	10	4364	0.87	0.88	0.09	0.88	0.88	0.76	0.75	0.75	0.51	0.48	0.26	0.29	0.88	0.00	0.5%
NC_704	20	4433	0.61	0.59	0.08	0.60	0.46	0.58	0.60	0.60	0.44	0.42	0.25	0.28	0.60	0.00	0.5%
NC_705	20	4433	0.76	0.74	0.10	0.74	0.57	0.73	0.75	0.74	0.56	0.53	0.32	0.36	0.75	0.01	1.2%
NC_706	15	4401	5.26	5.16	0.42	5.21	5.01	4.23	5.14	4.85	3.27	3.21	1.82	2.03	5.14	-0.07	-1.3%
NC_707	20	4429	1.67	1.57	0.24	1.58	1.68	1.50	1.58	1.56	1.04	0.99	0.56	0.62	1.68	0.10	6.6%
NC_708	20	4429	15.01	15.07	1.19	15.10	12.51	12.41	15.10	14.51	10.10	10.06	5.73	6.51	15.10	0.00	0.0%
NC_709	30	4498	10.87	10.71	0.77	10.95	6.71	9.42	10.11	10.05	7.97	8.52	5.34	6.00	10.11	-0.84	-7.7%
NC_710	25	4394	4.27	4.33	0.24	4.34	2.77	3.82	4.15	4.09	3.35	3.22	2.02	2.22	4.15	-0.19	-4.4%
NC_711	20	4429	0.66	0.63	0.10	0.63	0.59	0.63	0.63	0.63	0.45	0.41	0.24	0.27	0.63	0.00	0.0%
NC_712	20	4371	0.76	0.71	0.13	0.71	0.77	0.71	0.70	0.70	0.49	0.45	0.25	0.28	0.77	0.06	8.3%
NC_713	20	4433	1.30	1.25	0.16	1.26	1.09	1.20	1.29	1.26	0.90	0.86	0.51	0.57	1.29	0.03	2.1%
NC_714	120	4499	186.17	184.59	16.65	191.58	62.37	109.71	110.27	110.31	185.97	191.58	189.36	167.51	191.58	0.00	0.0%
NC_715	20	4399	1.87	1.84	0.18	1.84	1.44	1.69	1.89	1.83	1.35	1.32	0.77	0.86	1.89	0.05	2.7%
NC_716	20	4433	0.78	0.76	0.11	0.76	0.63	0.75	0.76	0.76	0.56	0.53	0.32	0.35	0.76	0.00	0.5%
NC_717	20	4433	1.31	1.24	0.17	1.25	1.20	1.20	1.28	1.25	0.86	0.82	0.47	0.53	1.28	0.03	2.1%
NC_718	20	4433	2.07	2.02	0.23	2.02	1.57	1.90	2.08	2.02	1.49	1.44	0.85	0.95	2.08	0.06	2.9%
NC_719	45	4496	4.28	4.29	0.27	4.34	1.83	2.67	2.71	2.71	3.11	3.01	2.60	2.68	3.11	-1.23	-28.2%
NC_720	20	4399	3.43	3.41	0.30	3.42	2.58	3.05	3.48	3.35	2.55	2.47	1.45	1.63	3.48	0.06	1.7%
NC_721	20	4371	0.80	0.73	0.14	0.74	0.81	0.74	0.73	0.73	0.50	0.47	0.26	0.28	0.81	0.07	8.9%
NC_722	20	4429	1.44	1.38	0.20	1.39	1.36	1.32	1.39	1.37	0.94	0.88	0.51	0.57	1.39	0.00	-0.4%
NC_723	20	4433	1.24	1.19	0.14	1.19	1.14	1.14	1.21	1.19	0.83	0.79	0.47	0.53	1.21	0.02	1.6%
NC_724	20	4429	0.85	0.81	0.12	0.81	0.76	0.80	0.81	0.81	0.58	0.53	0.31	0.35	0.81	0.00	0.1%
NC_725	25	4458	11.01	10.92	0.45	10.95	7.13	9.65	10.48	10.39	8.00	8.45	5.18	5.82	10.48	-0.47	-4.3%
NC_726	20	4433	0.56	0.54	0.08	0.55	0.43	0.53	0.55	0.55	0.40	0.38	0.23	0.25	0.55	0.00	0.4%
NC_727	20	4371	0.72	0.67	0.12	0.67	0.69	0.67	0.67	0.67	0.47	0.43	0.24	0.27	0.69	0.02	3.3%
NC_728	20	4429	0.82	0.78	0.12	0.79	0.73	0.78	0.79	0.79	0.56	0.52	0.30	0.34	0.79	0.00	-0.4%
NC_729	20	4429	13.22	13.17	1.14	13.23	11.53	10.97	13.23	12.66	8.82	8.67	4.91	5.56	13.23	0.00	0.0%
NC_730	90	4395	168.30	170.03	9.11	170.66	59.76	100.34	100.83	100.93	170.66	175.54	165.71	149.43	175.54	4.88	2.9%
NC_731	20	4371	0.77	0.71	0.13	0.71	0.78	0.71	0.70	0.71	0.49	0.45	0.25	0.28	0.78	0.07	9.2%
NC_732	90	4395	185.37	186.02	8.45	186.06	62.52	109.86	110.43	110.47	186.06	191.62	187.35	166.44	191.62	5.56	3.0%
NC_733	20	4433	1.35	1.31	0.14	1.32	1.19	1.25	1.34	1.32	0.88	0.87	0.51	0.57	1.34	0.02	1.2%
NC_734	20	4371	0.77	0.71	0.13	0.71	0.76	0.71	0.71	0.71	0.49	0.45	0.25	0.28	0.76	0.05	7.2%
NC_735	10	4364	0.86	0.86	0.08	0.87	0.87	0.74	0.75	0.75	0.50	0.47	0.26	0.28	0.87	0.00	-0.3%
NC_736	10	4364	1.88	1.89	0.17	1.90	1.90	1.63	1.65	1.65	1.10	1.03	0.58	0.63	1.90	0.00	0.1%
NC_737	15	4401	4.52	4.37	0.45	4.41	4.46	3.71	4.37	4.16	2.80	2.71	1.55	1.72	4.46	0.05	1.1%
NC_738	20	4433	0.55	0.54	0.07	0.54	0.41	0.53	0.55	0.54	0.40	0.38	0.23	0.25	0.55	0.01	1.3%
NC_739	10	4364	1.00	1.01	0.10	1.02	1.02	0.90	0.89	0.90	0.61	0.57	0.32	0.35	1.02	0.00	-0.2%
NC_740	45	4496	10.15	10.13	0.46	10.15	5.06	8.23	8.38	8.40	8.32	8.64	5.62	6.23	8.64	-1.52	-14.9%
NC_741	120	4499	185.30	183.69	16.92	191.29	62.36	109.63	110.21	110.25	185.72	191.29	187.79	166.55	191.29	0.00	0.0%
NC_742	10	4364	2.31	2.33	0.13	2.34	2.34	1.97	2.19	2.13	1.39	1.35	0.77	0.85	2.34	0.00	-0.2%
NC_743	20	4433	0.72	0.69	0.11	0.69	0.66	0.69	0.69	0.69	0.49	0.45	0.26	0.29	0.69	0.00	-0.3%
NC_744	25	4394	8.27	8.41	0.76	8.44	5.84	7.29	8.29	8.02	6.54	6.37	3.83	4.28	8.29	-0.15	-1.8%
NC_745	20	4399	10.49	10.40	0.93	10.49	9.22	8.78	10.51	9.99	6.95	6.82	3.86	4.38	10.51	0.02	0.2%
NC_746	10	4364	0.79	0.79	0.08	0.80	0.80	0.72	0.71	0.72	0.49	0.46	0.25	0.28	0.80	0.00	0.1%
NC_747	20	4429	1.45	1.39	0.17	1.40	1.40	1.32	1.40	1.39	0.90	0.86	0.50	0.56	1.40	0.00	0.0%
NC_748	20	4371	0.72	0.67	0.12	0.67	0.68	0.67	0.67	0.67	0.47	0.43	0.25	0.27	0.68	0.01	1.6%
NC_749	25	4466	7.86	7.84	0.46	7.87	5.70	6.94	7.74	7.62	5.56	5.60	3.41	3.83	7.74	-0.13	-1.7%
NC_750	90	4395	187.16	189.06	10.50	190.08	68.53	113.26	114.25	114.18	190.08	195.09	182.66	165.91	195.09	5.01	2.6%
NC_751	10	4364	0.81	0.82	0.09	0.83	0.83	0.73	0.72	0.73	0.50	0.46	0.25	0.28	0.83	-0.01	-0.6%
NC_752	10	4364	1.63	1.64	0.13	1.65	1.65	1.41	1.49	1.47	0.97	0.92	0.52	0.58	1.65	0.00	-0.2%
NC_753	20	4433	1.05	0.98	0.17	0.98	1.06	0.97	0.97	0.98	0.67	0.62	0.35	0.39	1.06	0.08	8.0%
NC_754	25	4464	1.17	1.17	0.06	1.17	0.67	1.07	1.11	1.10	1.02	0.96	0.62	0.67	1.11	-0.06	-5.4%
NC_755	20	4433	1.23	1.18	0.14	1.19	1.08	1.15	1.20	1.19	0.86	0.82	0.49	0.55	1.20	0.01	0.5%
NC_756	90	4395	187.35	189.31	10.58	190.38	68.85	113.39	114.46	114.38	190.38	195.32	182.55	165.95	195.32	4.94	2.6%
NC_757	20	4429	0.65	0.62	0.10	0.62	0.57	0.61	0.62	0.62	0.44	0.40	0.23	0.26	0.62	0.00	-0.3%
NC_758	20	4371	0.71	0.67	0.12	0.67	0.68	0.67	0.66	0.67	0.47	0.43	0.24	0.27	0.68	0.01	1.5%
NC_759	10	4364	0.94	0.95	0.10	0.95	0.95	0.83	0.82	0.82	0.56	0.52	0.29	0.31	0.95	0.00	0.3%
NC_760	10	4364	3.91	3.93	0.23	3.95	3.95	3.34	3.69	3.59	2.40	2.30	1.31	1.45	3.95	0.00	-0.1%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_761	20	4433	0.58	0.56	0.08	0.57	0.46	0.56	0.57	0.57	0.41	0.39	0.23	0.26	0.57	0.00	-0.2%
NC_762	20	4399	1.37	1.34	0.13	1.35	1.14	1.24	1.37	1.34	0.91	0.89	0.52	0.58	1.37	0.02	1.3%
NC_763	20	4399	2.19	2.17	0.20	2.18	1.62	1.96	2.22	2.14	1.63	1.58	0.93	1.03	2.22	0.04	1.9%
NC_764	20	4433	0.61	0.59	0.09	0.59	0.50	0.58	0.59	0.59	0.43	0.40	0.23	0.26	0.59	0.00	0.2%
NC_765	20	4429	1.87	1.90	0.09	1.90	1.34	1.68	1.90	1.87	1.31	1.29	0.76	0.85	1.90	0.00	-0.2%
NC_766	10	4364	2.07	2.09	0.15	2.10	2.10	1.78	1.91	1.87	1.24	1.18	0.68	0.74	2.10	0.00	-0.1%
NC_767	60	4558	17.28	16.97	0.83	16.99	6.87	11.90	12.08	12.06	15.31	15.38	12.65	12.76	15.38	-1.61	-9.5%
NC_768	10	4364	0.84	0.84	0.09	0.85	0.85	0.74	0.73	0.74	0.50	0.47	0.26	0.28	0.85	0.00	-0.1%
NC_769	30	4498	7.63	7.50	0.62	7.68	4.66	6.50	7.10	7.03	5.95	6.35	3.94	4.39	7.10	-0.58	-7.5%
NC_770	90	4395	186.96	188.81	10.44	189.81	68.28	113.16	114.08	114.03	189.81	194.85	182.67	165.86	194.85	5.04	2.7%
NC_771	10	4364	1.17	1.18	0.12	1.19	1.19	1.05	1.05	1.05	0.71	0.67	0.37	0.41	1.19	0.00	-0.3%
NC_772	20	4371	0.77	0.71	0.13	0.72	0.78	0.72	0.71	0.71	0.49	0.45	0.25	0.28	0.78	0.06	8.3%
NC_773	20	4433	0.67	0.64	0.10	0.64	0.62	0.64	0.64	0.64	0.45	0.42	0.24	0.27	0.64	0.00	0.0%
NC_774	10	4364	4.05	4.07	0.24	4.09	4.09	3.47	3.81	3.71	2.46	2.36	1.35	1.50	4.09	0.00	-0.1%
NC_775	10	4364	1.20	1.21	0.12	1.22	1.22	1.10	1.10	1.10	0.75	0.70	0.39	0.43	1.22	0.00	0.0%
NC_776	20	4433	1.04	1.01	0.12	1.02	0.79	0.97	1.04	1.02	0.78	0.75	0.45	0.51	1.04	0.02	2.0%
NC_777	25	4466	7.26	7.23	0.43	7.27	4.93	6.23	7.02	6.90	5.55	5.70	3.48	3.87	7.02	-0.25	-3.4%
NC_778	10	4364	0.79	0.80	0.08	0.81	0.81	0.73	0.72	0.72	0.50	0.46	0.25	0.28	0.81	0.00	-0.2%
NC_779	25	4394	8.13	8.23	0.50	8.28	5.66	7.24	7.98	7.86	6.77	6.47	4.27	4.63	7.98	-0.30	-3.6%
NC_780	30	4498	5.30	5.19	0.48	5.27	3.59	4.65	5.09	5.01	4.59	4.47	2.94	3.20	5.09	-0.18	-3.5%
NC_781	20	4399	1.13	1.12	0.09	1.12	0.72	1.05	1.14	1.12	0.89	0.86	0.52	0.58	1.14	0.02	1.6%
NC_782	10	4364	1.19	1.20	0.12	1.21	1.21	1.04	1.03	1.04	0.70	0.66	0.36	0.40	1.21	0.00	-0.1%
NC_783	20	4433	1.28	1.22	0.16	1.23	1.10	1.18	1.25	1.23	0.86	0.83	0.48	0.54	1.25	0.02	1.9%
NC_784	15	4401	4.52	4.36	0.48	4.40	4.40	3.78	4.41	4.18	2.85	2.76	1.56	1.75	4.41	0.01	0.1%
NC_785	20	4399	3.58	3.56	0.31	3.57	2.62	3.23	3.63	3.52	2.74	2.65	1.57	1.75	3.63	0.06	1.8%
NC_786	10	4364	0.88	0.88	0.09	0.89	0.89	0.78	0.77	0.77	0.53	0.49	0.27	0.30	0.89	0.00	-0.1%
NC_787	25	4394	7.34	7.46	0.59	7.58	5.55	6.30	7.32	7.12	5.57	5.52	3.33	3.70	7.32	-0.26	-3.4%
NC_788	20	4433	0.62	0.61	0.08	0.61	0.48	0.60	0.62	0.61	0.45	0.43	0.26	0.29	0.62	0.01	1.1%
NC_789	60	4558	17.35	17.04	0.88	17.05	6.95	12.02	12.20	12.19	15.36	15.45	12.48	12.74	15.45	-1.60	-9.4%
NC_790	20	4429	0.95	0.88	0.15	0.88	0.96	0.85	0.88	0.87	0.59	0.55	0.31	0.34	0.96	0.08	9.0%
NC_791	10	4364	1.60	1.61	0.12	1.62	1.62	1.39	1.48	1.45	0.96	0.91	0.52	0.57	1.62	0.00	-0.2%
NC_792	20	4429	5.15	5.01	0.57	5.07	4.94	4.39	5.07	4.83	3.29	3.20	1.82	2.05	5.07	0.00	0.0%
NC_793	15	4401	2.62	2.51	0.31	2.52	2.64	2.23	2.51	2.43	1.58	1.54	0.88	0.97	2.64	0.12	4.9%
NC_794	20	4399	6.33	6.22	0.63	6.23	5.79	5.28	6.32	5.97	4.15	4.06	2.29	2.60	6.32	0.09	1.4%
NC_795	10	4357	0.95	0.95	0.09	0.95	0.95	0.81	0.78	0.80	0.53	0.50	0.27	0.29	0.95	0.00	0.3%
NC_796	25	4464	1.18	1.17	0.09	1.18	0.71	1.08	1.16	1.14	0.99	0.93	0.59	0.64	1.16	-0.02	-1.8%
NC_797	20	4428	5.74	5.64	0.51	5.65	5.14	4.92	5.75	5.49	4.07	3.94	2.31	2.58	5.75	0.10	1.8%
NC_798	20	4429	0.80	0.77	0.11	0.77	0.69	0.76	0.77	0.77	0.56	0.52	0.31	0.34	0.77	0.00	0.3%
NC_799	20	4371	0.78	0.72	0.13	0.72	0.79	0.72	0.71	0.71	0.49	0.46	0.25	0.28	0.79	0.07	9.7%
NC_800	20	4433	0.67	0.64	0.10	0.65	0.57	0.64	0.65	0.65	0.46	0.43	0.25	0.28	0.65	0.00	0.5%
NC_801	20	4433	0.60	0.58	0.08	0.59	0.46	0.58	0.60	0.59	0.44	0.42	0.25	0.28	0.60	0.01	1.0%
NC_802	20	4399	2.06	1.99	0.20	2.01	1.91	1.78	2.04	1.98	1.30	1.28	0.73	0.82	2.04	0.03	1.6%
NC_803	45	4528	3.01	2.99	0.26	3.03	2.05	2.69	2.75	2.74	2.72	2.61	1.74	1.86	2.75	-0.28	-9.4%
NC_804	10	4364	1.94	1.96	0.14	1.97	1.97	1.68	1.79	1.76	1.16	1.10	0.63	0.69	1.97	0.00	-0.2%
NC_805	10	4364	3.95	3.97	0.25	3.99	3.99	3.43	3.75	3.65	2.46	2.35	1.33	1.47	3.99	0.00	0.1%
NC_806	10	4364	0.95	0.96	0.10	0.97	0.97	0.88	0.87	0.88	0.60	0.56	0.31	0.34	0.97	0.00	-0.2%
NC_807	10	4364	0.91	0.92	0.09	0.92	0.92	0.81	0.80	0.81	0.55	0.51	0.28	0.31	0.92	0.00	0.4%
NC_808	20	4433	0.54	0.53	0.07	0.53	0.40	0.51	0.54	0.53	0.39	0.38	0.23	0.25	0.54	0.01	1.3%
NC_809	20	4429	1.50	1.42	0.20	1.43	1.50	1.32	1.43	1.40	0.91	0.88	0.51	0.56	1.50	0.07	5.1%
NC_810	20	4433	0.64	0.61	0.09	0.62	0.53	0.60	0.63	0.62	0.44	0.41	0.24	0.27	0.63	0.01	1.3%
NC_811	20	4429	0.69	0.66	0.10	0.66	0.59	0.66	0.66	0.66	0.48	0.44	0.26	0.29	0.66	0.00	0.6%
NC_812	10	4364	0.96	0.97	0.10	0.98	0.98	0.86	0.85	0.86	0.58	0.54	0.30	0.33	0.98	0.00	-0.4%
NC_813	10	4357	0.79	0.80	0.08	0.81	0.81	0.73	0.72	0.72	0.50	0.46	0.26	0.28	0.81	0.00	-0.4%
NC_814	20	4399	4.39	4.29	0.40	4.31	3.85	3.82	4.39	4.20	3.17	3.05	1.80	2.01	4.39	0.08	1.9%
NC_815	60	4558	17.29	17.00	0.97	17.01	7.00	12.09	12.28	12.27	15.35	15.44	12.14	12.54	15.44	-1.57	-9.2%
NC_816	20	4371	0.77	0.71	0.13	0.71	0.78	0.71	0.71	0.71	0.49	0.45	0.25	0.28	0.78	0.07	10.0%
NC_817	10	4364	0.93	0.94	0.10	0.95	0.95	0.82	0.81	0.82	0.56	0.52	0.28	0.31	0.95	0.00	-0.4%
NC_818	10	4364	0.87	0.88	0.09	0.89	0.89	0.77	0.76	0.77	0.52	0.49	0.27	0.29	0.89	0.00	-0.3%
NC_819	10	4364	0.94	0.94	0.09	0.95	0.95	0.81	0.79	0.80	0.54	0.51	0.28	0.30	0.95	0.00	0.1%
NC_820	10	4364	0.83	0.84	0.09	0.84	0.84	0.74	0.73	0.74	0.50	0.47	0.26	0.28	0.84	0.00	0.4%
NC_821	10	4364	0.91	0.91	0.09	0.92	0.92	0.83	0.83	0.83	0.57	0.53	0.29	0.32	0.92	0.00	0.1%
NC_822	10	4364	0.91	0.91	0.09	0.92	0.92	0.80	0.79	0.80	0.54	0.50	0.28	0.30	0.92	0.00	0.1%
NC_823	20	4429	0.63	0.60	0.09	0.61	0.53	0.60	0.61	0.61	0.44	0.40	0.24	0.27	0.61	0.00	-0.5%
NC_824	20	4399	3.87	3.73	0.39	3.74	3.46	3.46	3.84	3.72	2.76	2.65	1.57	1.75	3.84	0.10	2.6%
NC_825	20	4433	0.85	0.83	0.12	0.84	0.68	0.82	0.84	0.84	0.63	0.59	0.36	0.40	0.84	0.00	0.0%
NC_826	20	4371	0.82	0.75	0.14	0.76	0.83	0.76	0.75	0.75	0.52	0.48	0.27	0.29	0.83	0.07	9.2%
NC_827	60	4558	16.92	16.67	1.11	16.68	6.99	12.06	12.26	12.25	15.11	15.19	11.53	12.07	15.19	-1.49	-9.0%
NC_828	20	4433	1.26	1.22	0.14	1.23	1.09	1.17	1.24	1.23	0.85	0.82	0.49	0.54	1.24	0.01	0.7%
NC_829	45	4528	2.58	2.58	0.20	2.61	1.49	2.18	2.20	2.21	2.30	2.26	1.47	1.60	2.30	-0.31	-12.0%
NC_830	20	4433	2.53	2.45	0.27	2.46	2.14	2.35	2.51	2.46	1.86	1.79	1.08	1.20	2.51	0.05	1.9%
NC_831	20	4371	0.78	0.72	0.13	0.72	0.79	0.72	0.71	0.72	0.49	0.46	0.25	0.28	0.79	0.07	9.7%
NC_832	30	4498	2.33	2.32	0.15	2.34	1.36	2.06	2.12	2.12	2.03	1.95	1.25	1.36	2.12	-0.22	-9.4%
NC_833	20	4371	0.72	0.68	0.12	0.68	0.69	0.68	0.68	0.68	0.48	0.44	0.25	0.28	0.69	0.01	1.3%
NC_834	45	4534	16.97	17.01	0.53	17.10	7.10	12.20	12.41	12.39	15.24	15.28	11.33	12.01	15.28	-1.82	-10.7%
NC_835	20	4433	1.12	1.09	0.11	1.10	0.86	1.08	1.11	1.10	0.89	0.85	0.53	0.58	1.11	0.01	0.6%
NC_836	20	4433	0.67	0.65	0.08	0.65	0.59	0.61	0.66	0.65	0.44	0.43	0.25	0.28	0.66	0.01	2.0%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_837	20	4433	0.58	0.56	0.08	0.56	0.46	0.55	0.57	0.57	0.41	0.39	0.23	0.26	0.57	0.01	1.4%
NC_838	20	4433	0.64	0.61	0.08	0.62	0.55	0.58	0.63	0.62	0.43	0.42	0.24	0.27	0.63	0.01	1.8%
NC_839	45	4534	16.02	16.05	0.50	16.11	6.68	11.51	11.69	11.68	14.30	14.34	10.51	11.19	14.34	-1.77	-11.0%
NC_840	25	4460	2.03	2.05	0.15	2.06	1.25	1.82	1.99	1.95	1.68	1.59	0.99	1.09	1.99	-0.07	-3.3%
NC_841	20	4429	0.74	0.71	0.11	0.71	0.64	0.70	0.71	0.71	0.51	0.47	0.28	0.31	0.71	0.00	-0.1%
NC_842	45	4528	2.21	2.20	0.20	2.25	1.20	1.87	1.95	1.94	1.99	1.90	1.25	1.34	1.99	-0.26	-11.6%
NC_843	20	4433	1.07	1.05	0.10	1.06	0.79	1.01	1.07	1.06	0.81	0.78	0.48	0.53	1.07	0.01	0.9%
NC_844	20	4371	0.85	0.80	0.14	0.80	0.84	0.80	0.79	0.80	0.55	0.51	0.29	0.32	0.84	0.04	5.5%
NC_845	45	4534	16.05	16.11	0.55	16.18	6.69	11.52	11.69	11.68	14.35	14.30	10.33	11.11	14.35	-1.84	-11.3%
NC_846	20	4404	3.05	3.04	0.23	3.04	2.50	2.74	3.07	3.00	2.18	2.11	1.26	1.40	3.07	0.03	1.1%
NC_847	25	4461	3.92	3.93	0.18	3.93	2.48	3.47	3.74	3.71	3.07	3.01	1.87	2.07	3.74	-0.19	-4.7%
NC_848	20	4433	0.69	0.66	0.10	0.67	0.59	0.66	0.67	0.67	0.48	0.44	0.26	0.29	0.67	0.00	-0.1%
NC_849	20	4433	0.57	0.55	0.08	0.56	0.44	0.55	0.56	0.56	0.41	0.39	0.23	0.26	0.56	0.00	0.7%
NC_850	45	4528	2.56	2.54	0.21	2.57	1.76	2.37	2.45	2.45	2.36	2.22	1.54	1.62	2.45	-0.12	-4.6%
NC_851	45	4534	13.05	13.06	0.44	13.09	5.46	9.52	9.68	9.66	11.35	11.54	8.25	8.88	11.54	-1.55	-11.8%
NC_852	25	4464	0.95	0.95	0.07	0.96	0.54	0.88	0.93	0.92	0.81	0.77	0.48	0.53	0.93	-0.03	-3.4%
NC_853	10	4364	0.84	0.85	0.09	0.86	0.86	0.77	0.76	0.76	0.52	0.49	0.27	0.29	0.86	0.00	-0.5%
NC_854	25	4394	3.15	3.21	0.21	3.21	2.17	2.81	3.12	3.08	2.42	2.33	1.43	1.58	3.12	-0.09	-2.9%
NC_855	20	4429	1.28	1.22	0.18	1.22	1.21	1.20	1.22	1.22	0.87	0.80	0.47	0.53	1.22	0.00	-0.1%
NC_856	20	4433	1.10	1.09	0.10	1.09	0.78	1.05	1.10	1.09	0.88	0.84	0.52	0.57	1.10	0.01	1.0%
NC_857	10	4357	0.86	0.86	0.09	0.87	0.87	0.77	0.76	0.76	0.52	0.49	0.27	0.29	0.87	0.00	0.0%
NC_858	30	4500	2.15	2.15	0.14	2.17	1.69	2.06	2.11	2.11	1.93	1.79	1.23	1.30	2.11	-0.06	-2.6%
NC_859	20	4433	0.61	0.58	0.09	0.59	0.51	0.58	0.59	0.59	0.42	0.39	0.23	0.26	0.59	0.00	-0.2%
NC_860	45	4496	10.00	9.95	0.27	10.06	4.29	7.34	7.50	7.49	8.46	8.78	6.25	6.75	8.78	-1.29	-12.8%
NC_861	10	4364	0.82	0.83	0.09	0.84	0.84	0.74	0.73	0.74	0.50	0.47	0.26	0.28	0.84	0.00	-0.4%
NC_862	25	4464	1.67	1.65	0.11	1.67	1.25	1.61	1.62	1.63	1.45	1.35	0.90	0.97	1.63	-0.04	-2.5%
NC_863	45	4496	9.34	9.31	0.32	9.38	4.18	7.06	7.24	7.23	7.79	8.14	5.63	6.13	8.14	-1.24	-13.3%
NC_864	20	4371	0.83	0.76	0.14	0.76	0.84	0.76	0.76	0.76	0.52	0.48	0.27	0.30	0.84	0.08	10.1%
NC_865	20	4433	1.06	1.05	0.09	1.05	0.77	1.00	1.06	1.05	0.80	0.77	0.47	0.52	1.06	0.01	1.3%
NC_866	20	4429	0.65	0.62	0.10	0.62	0.58	0.62	0.62	0.62	0.44	0.41	0.24	0.26	0.62	0.00	0.6%
NC_867	20	4433	1.35	1.33	0.14	1.33	1.13	1.25	1.35	1.33	0.92	0.90	0.53	0.59	1.35	0.02	1.3%
NC_868	45	4534	5.56	5.54	0.29	5.60	2.72	4.50	4.64	4.62	4.49	4.63	3.00	3.32	4.64	-0.96	-17.2%
NC_869	45	4496	3.77	3.75	0.16	3.75	1.73	2.89	3.01	2.99	3.14	3.32	2.24	2.46	3.32	-0.43	-11.5%
NC_870	45	4496	3.88	3.86	0.12	3.90	1.69	2.89	2.98	2.97	3.26	3.46	2.42	2.63	3.46	-0.44	-11.4%
NC_871	20	4433	1.01	0.99	0.10	1.00	0.74	0.96	1.01	1.00	0.76	0.74	0.45	0.50	1.01	0.00	0.5%
NC_872	45	4534	3.89	3.86	0.20	3.87	2.07	3.24	3.37	3.36	3.07	3.20	2.02	2.24	3.37	-0.50	-12.8%
NC_873	25	4464	1.68	1.67	0.12	1.68	1.11	1.56	1.67	1.65	1.35	1.27	0.81	0.88	1.67	-0.01	-0.7%
NC_874	20	4433	0.70	0.66	0.11	0.66	0.66	0.66	0.66	0.66	0.46	0.43	0.24	0.27	0.66	0.00	0.5%
NC_875	45	4534	3.60	3.58	0.21	3.65	1.79	2.90	3.05	3.03	3.00	3.14	2.02	2.23	3.14	-0.52	-14.1%
NC_876	30	4498	3.21	3.20	0.22	3.27	1.94	2.76	2.96	2.94	2.40	2.51	1.55	1.72	2.96	-0.32	-9.6%
NC_877	30	4498	3.43	3.41	0.25	3.46	1.87	2.91	3.09	3.07	2.89	2.91	1.85	2.03	3.09	-0.37	-10.6%
NC_878	20	4433	1.29	1.25	0.14	1.26	1.12	1.21	1.27	1.26	0.88	0.86	0.51	0.57	1.27	0.01	1.0%
NC_879	25	4461	3.10	3.08	0.16	3.08	2.09	2.72	3.00	2.96	2.26	2.26	1.37	1.53	3.00	-0.08	-2.7%
NC_880	45	4528	1.23	1.22	0.12	1.25	0.57	1.04	1.08	1.07	1.11	1.05	0.68	0.74	1.11	-0.15	-11.6%
NC_881	10	4364	0.88	0.89	0.09	0.90	0.90	0.79	0.78	0.78	0.53	0.50	0.27	0.30	0.90	-0.01	-0.6%
NC_882	20	4433	0.79	0.76	0.11	0.76	0.65	0.75	0.77	0.76	0.56	0.52	0.31	0.35	0.77	0.01	0.7%
NC_883	25	4461	3.33	3.38	0.17	3.38	1.99	2.94	3.17	3.13	2.76	2.64	1.67	1.83	3.17	-0.21	-6.2%
NC_884	20	4371	0.80	0.74	0.13	0.74	0.80	0.74	0.74	0.74	0.51	0.48	0.27	0.29	0.80	0.06	7.6%
NC_885	10	4364	0.83	0.83	0.09	0.84	0.84	0.74	0.73	0.74	0.50	0.47	0.26	0.28	0.84	0.00	0.0%
NC_886	20	4399	2.50	2.48	0.19	2.49	2.16	2.25	2.51	2.46	1.66	1.63	0.96	1.07	2.51	0.01	0.6%
NC_887	20	4433	1.36	1.30	0.15	1.30	1.26	1.24	1.32	1.30	0.87	0.84	0.49	0.55	1.32	0.02	1.5%
NC_888	20	4371	0.80	0.74	0.13	0.74	0.79	0.74	0.74	0.74	0.51	0.47	0.26	0.29	0.79	0.05	7.3%
NC_889	20	4433	0.57	0.55	0.08	0.56	0.44	0.54	0.56	0.56	0.41	0.39	0.23	0.26	0.56	0.00	0.0%
NC_890	25	4464	1.55	1.55	0.12	1.55	0.92	1.42	1.52	1.50	1.30	1.23	0.77	0.84	1.52	-0.03	-2.1%
NC_891	20	4433	0.59	0.57	0.08	0.58	0.48	0.57	0.58	0.58	0.42	0.39	0.23	0.26	0.58	0.00	-0.3%
NC_892	20	4433	0.63	0.61	0.09	0.61	0.54	0.60	0.61	0.61	0.44	0.41	0.24	0.27	0.61	0.00	0.3%
NC_893	20	4433	0.75	0.73	0.10	0.74	0.58	0.72	0.74	0.74	0.55	0.52	0.32	0.35	0.74	0.00	0.1%
NC_894	20	4429	0.81	0.78	0.11	0.79	0.69	0.78	0.79	0.79	0.57	0.53	0.32	0.35	0.79	0.00	-0.5%
NC_895	20	4433	0.56	0.54	0.08	0.55	0.43	0.53	0.55	0.55	0.40	0.38	0.23	0.25	0.55	0.00	0.2%
NC_896	20	4433	0.56	0.54	0.07	0.55	0.40	0.53	0.56	0.55	0.41	0.39	0.24	0.26	0.56	0.01	0.9%
NC_897	20	4433	0.58	0.56	0.08	0.57	0.46	0.56	0.57	0.57	0.41	0.39	0.23	0.26	0.57	0.00	0.2%
NC_898	25	4460	1.81	1.83	0.13	1.83	0.99	1.60	1.74	1.70	1.51	1.44	0.89	0.98	1.74	-0.09	-5.0%
NC_899	20	4433	0.64	0.63	0.08	0.64	0.46	0.61	0.64	0.64	0.48	0.46	0.28	0.31	0.64	0.00	0.3%
NC_900	25	4460	1.11	1.11	0.10	1.11	0.72	1.05	1.10	1.09	0.93	0.88	0.55	0.60	1.10	-0.01	-0.5%
NC_901	20	4429	0.68	0.65	0.10	0.66	0.59	0.65	0.66	0.66	0.47	0.43	0.25	0.29	0.66	0.00	-0.6%
NC_902	20	4433	1.10	1.08	0.11	1.09	0.84	1.04	1.10	1.09	0.82	0.79	0.48	0.53	1.10	0.01	0.7%
NC_903	25	4460	2.34	2.34	0.19	2.34	1.49	2.14	2.30	2.27	1.92	1.83	1.13	1.25	2.30	-0.04	-1.6%
NC_904	10	4364	0.81	0.82	0.09	0.83	0.83	0.73	0.72	0.73	0.50	0.46	0.25	0.28	0.83	-0.01	-0.6%
NC_905	30	4498	2.34	2.32	0.21	2.34	1.30	2.04	2.19	2.16	2.02	1.92	1.22	1.33	2.19	-0.15	-6.5%
NC_906	20	4433	0.61	0.60	0.07	0.60	0.44	0.58	0.61	0.60	0.45	0.43	0.26	0.29	0.61	0.01	1.3%
NC_907	20	4433	1.58	1.52	0.17	1.53	1.44	1.46	1.55	1.53	1.03	0.99	0.58	0.65	1.55	0.02	1.0%
NC_908	45	4528	3.00	3.03	0.16	3.06	1.16	2.11	2.13	2.13	2.99	2.90	2.14	2.27	2.99	-0.07	-2.3%
NC_909	20	4433	0.68	0.64	0.10	0.65	0.62	0.64	0.64	0.65	0.46	0.42	0.24	0.27	0.65	-0.01	-0.8%
NC_910	20	4433	0.55	0.53	0.07	0.54	0.41	0.52	0.54	0.54	0.39	0.38	0.23	0.25	0.54	0.00	0.7%
NC_911	20	4371	0.47	0.44	0.08	0.44	0.45	0.44	0.44	0.44	0.31	0.28	0.16	0.17	0.45	0.01	2.7%
NC_912	20	4371	0.76	0.70	0.13	0.70	0.76	0.70	0.70	0.70	0.48	0.45	0.25	0.27	0.76	0.06	8.6%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_913	20	4404	3.06	3.00	0.32	3.04	2.90	2.59	3.05	2.91	1.99	1.94	1.11	1.24	3.05	0.01	0.2%
NC_914	20	4433	2.56	2.47	0.27	2.47	2.39	2.32	2.52	2.47	1.65	1.60	0.93	1.05	2.52	0.05	1.9%
NC_915	20	4429	2.41	2.32	0.29	2.36	2.32	2.11	2.36	2.28	1.56	1.50	0.86	0.96	2.36	0.00	0.1%
NC_916	10	4364	0.88	0.89	0.09	0.89	0.89	0.79	0.78	0.79	0.54	0.50	0.28	0.30	0.89	0.00	0.4%
NC_917	25	4460	1.38	1.39	0.09	1.39	0.72	1.22	1.32	1.29	1.17	1.11	0.70	0.76	1.32	-0.07	-5.3%
NC_918	20	4433	0.59	0.57	0.08	0.58	0.48	0.57	0.58	0.58	0.42	0.39	0.23	0.26	0.58	0.00	0.0%
NC_919	20	4433	1.93	1.92	0.13	1.92	1.43	1.83	1.93	1.92	1.58	1.49	0.94	1.03	1.93	0.01	0.7%
NC_920	20	4399	3.62	3.57	0.30	3.59	3.15	3.17	3.64	3.51	2.65	2.55	1.52	1.70	3.64	0.05	1.4%
NC_921	10	4364	0.84	0.85	0.09	0.86	0.86	0.77	0.76	0.77	0.53	0.49	0.27	0.30	0.86	-0.01	-0.6%
NC_922	20	4433	0.54	0.53	0.07	0.53	0.40	0.51	0.54	0.53	0.39	0.38	0.23	0.25	0.54	0.01	1.5%
NC_923	25	4464	0.88	0.88	0.07	0.88	0.49	0.81	0.86	0.85	0.74	0.70	0.44	0.48	0.86	-0.02	-2.4%
NC_924	20	4433	0.55	0.53	0.07	0.54	0.41	0.52	0.54	0.54	0.39	0.38	0.23	0.25	0.54	0.00	0.2%
NC_925	45	4528	5.29	5.32	0.34	5.43	2.75	4.28	4.44	4.44	4.64	4.66	3.07	3.36	4.66	-0.77	-14.3%
NC_926	30	4498	1.61	1.60	0.13	1.62	0.77	1.37	1.45	1.43	1.42	1.35	0.86	0.94	1.45	-0.17	-10.6%
NC_927	20	4433	0.59	0.57	0.08	0.57	0.45	0.56	0.58	0.58	0.42	0.40	0.24	0.27	0.58	0.01	1.4%
NC_928	20	4433	0.79	0.76	0.11	0.77	0.66	0.76	0.77	0.77	0.56	0.52	0.31	0.35	0.77	0.00	0.1%
NC_929	20	4399	2.90	2.81	0.28	2.82	2.48	2.64	2.88	2.81	2.11	2.03	1.22	1.36	2.88	0.06	2.2%
NC_930	25	4466	13.24	13.42	0.95	13.58	9.60	11.56	13.07	12.79	10.05	9.96	6.04	6.74	13.07	-0.51	-3.7%
NC_931	10	4357	1.00	1.01	0.10	1.02	1.02	0.90	0.89	0.90	0.61	0.57	0.32	0.35	1.02	0.00	-0.1%
NC_932	45	4528	6.44	6.52	0.45	6.65	2.73	4.83	5.00	4.97	6.12	6.06	4.26	4.57	6.12	-0.53	-8.0%
NC_933	10	4357	0.81	0.82	0.08	0.82	0.82	0.74	0.73	0.74	0.51	0.47	0.26	0.28	0.82	0.00	0.5%
NC_934	10	4364	0.83	0.84	0.09	0.85	0.85	0.75	0.74	0.75	0.51	0.48	0.26	0.29	0.85	-0.01	-0.6%
NC_935	20	4399	1.13	1.12	0.09	1.12	0.79	1.07	1.14	1.12	0.90	0.86	0.53	0.58	1.14	0.02	1.5%
NC_936	45	4528	1.90	1.91	0.16	1.96	0.80	1.47	1.53	1.52	1.69	1.69	1.08	1.18	1.69	-0.27	-13.8%
NC_937	45	4534	5.90	5.93	0.35	6.06	3.07	4.78	4.89	4.90	5.21	5.21	3.52	3.84	5.21	-0.85	-14.0%
NC_938	20	4429	1.51	1.41	0.22	1.42	1.52	1.35	1.42	1.40	0.93	0.89	0.51	0.56	1.52	0.10	7.0%
NC_939	20	4429	0.73	0.70	0.10	0.71	0.62	0.70	0.71	0.71	0.51	0.47	0.28	0.31	0.71	0.00	-0.3%
NC_940	45	4528	6.86	6.93	0.39	7.08	2.86	5.02	5.17	5.15	6.52	6.51	4.66	4.99	6.52	-0.56	-8.0%
NC_941	45	4534	2.13	2.15	0.13	2.19	0.83	1.55	1.60	1.59	1.91	1.96	1.29	1.41	1.96	-0.23	-10.5%
NC_942	20	4433	0.61	0.59	0.09	0.59	0.52	0.59	0.59	0.59	0.43	0.39	0.23	0.26	0.59	0.00	0.5%
NC_943	10	4364	1.18	1.19	0.12	1.20	1.20	1.07	1.07	1.07	0.73	0.68	0.38	0.42	1.20	0.00	-0.2%
NC_944	20	4371	0.76	0.70	0.13	0.70	0.76	0.70	0.70	0.70	0.48	0.45	0.25	0.27	0.76	0.06	8.7%
NC_945	20	4433	0.56	0.54	0.07	0.55	0.41	0.53	0.55	0.55	0.40	0.39	0.23	0.26	0.55	0.00	0.4%
NC_946	10	4364	0.81	0.81	0.08	0.82	0.82	0.74	0.73	0.73	0.50	0.47	0.26	0.28	0.82	0.00	-0.1%
NC_947	20	4433	0.55	0.53	0.07	0.54	0.41	0.52	0.54	0.54	0.39	0.38	0.23	0.25	0.54	0.00	0.4%
NC_948	45	4528	3.12	3.16	0.22	3.22	1.19	2.27	2.32	2.31	2.88	2.88	1.93	2.10	2.88	-0.34	-10.6%
NC_949	45	4534	6.95	6.99	0.33	7.12	2.87	5.04	5.18	5.17	6.58	6.64	4.84	5.15	6.64	-0.48	-6.7%
NC_950	720	4785	6.04	5.65	2.79	6.11	0.64	0.65	0.65	0.66	0.66	0.64	2.76	4.41	4.41	-1.70	-27.8%
NC_951	30	4498	4.04	4.02	0.30	4.07	2.22	3.48	3.66	3.64	3.40	3.31	2.11	2.31	3.66	-0.41	-10.0%
NC_952	10	4364	0.83	0.84	0.09	0.85	0.85	0.77	0.76	0.76	0.52	0.49	0.27	0.30	0.85	0.00	-0.5%
NC_953	10	4364	0.94	0.95	0.10	0.95	0.95	0.84	0.83	0.84	0.57	0.53	0.29	0.32	0.95	0.00	0.3%
NC_954	20	4433	0.64	0.62	0.09	0.63	0.51	0.61	0.63	0.63	0.46	0.43	0.26	0.29	0.63	0.00	-0.2%
NC_955	20	4433	0.60	0.58	0.08	0.59	0.47	0.57	0.59	0.59	0.43	0.41	0.24	0.27	0.59	0.00	0.2%
NC_956	720	4785	9.43	8.76	4.15	9.38	4.26	6.17	6.42	6.39	6.79	6.65	4.72	6.70	6.79	-2.59	-27.6%
NC_957	20	4433	3.26	3.13	0.36	3.14	2.95	2.95	3.21	3.14	2.22	2.13	1.25	1.40	3.21	0.07	2.2%
NC_958	20	4433	0.57	0.56	0.07	0.56	0.42	0.54	0.57	0.56	0.41	0.40	0.24	0.27	0.57	0.01	1.1%
NC_959	20	4429	2.33	2.24	0.27	2.27	2.24	2.05	2.27	2.21	1.50	1.44	0.83	0.93	2.27	0.00	0.1%
NC_960	25	4394	13.82	14.01	0.91	14.07	9.97	12.27	13.56	13.26	12.09	11.42	7.92	8.41	13.56	-0.52	-3.7%
NC_961	20	4433	1.41	1.34	0.17	1.36	1.24	1.33	1.37	1.36	0.98	0.92	0.56	0.62	1.37	0.01	0.4%
NC_962	20	4433	0.55	0.53	0.07	0.54	0.40	0.52	0.54	0.54	0.39	0.38	0.23	0.25	0.54	0.00	0.6%
NC_963	20	4429	1.66	1.59	0.22	1.60	1.59	1.52	1.60	1.58	1.08	1.02	0.59	0.66	1.60	0.00	0.0%
NC_964	45	4534	10.83	10.91	0.54	11.09	4.37	7.78	7.98	7.96	10.27	10.31	7.35	7.90	10.31	-0.78	-7.1%
NC_965	25	4464	0.99	0.99	0.08	0.99	0.58	0.91	0.97	0.96	0.82	0.78	0.49	0.53	0.97	-0.02	-1.7%
NC_966	20	4433	0.74	0.70	0.11	0.70	0.67	0.70	0.70	0.70	0.50	0.46	0.26	0.30	0.70	0.00	0.1%
NC_967	30	4498	13.51	13.22	1.20	13.46	8.97	11.85	12.94	12.76	11.87	11.67	8.07	8.55	12.94	-0.52	-3.8%
NC_968	25	4460	1.66	1.67	0.14	1.69	1.13	1.52	1.66	1.63	1.36	1.29	0.80	0.88	1.66	-0.03	-1.8%
NC_969	720	4785	5.94	5.56	2.77	6.02	0.13	0.28	0.28	0.28	0.45	0.48	2.85	4.37	4.37	-1.65	-27.5%
NC_970	20	4429	3.13	3.16	0.22	3.17	2.49	2.65	3.17	3.07	2.19	2.15	1.24	1.40	3.17	0.00	-0.1%
NC_971	45	4533	8.73	8.75	0.26	8.93	3.89	5.58	5.94	5.93	7.12	6.97	4.82	4.65	7.12	-1.81	-20.3%
NC_972	20	4399	4.86	4.77	0.46	4.78	4.34	4.16	4.86	4.61	3.30	3.21	1.84	2.08	4.86	0.08	1.6%
NC_973	180	4649	24.13	24.21	1.41	24.41	9.10	13.54	13.56	13.56	23.32	24.09	24.01	21.00	24.09	-0.32	-1.3%
NC_974	120	4499	34.99	34.68	3.67	35.36	14.39	21.86	22.62	22.56	33.99	35.36	34.72	31.37	35.36	0.00	0.0%
NC_975	10	4364	1.29	1.30	0.09	1.30	1.30	1.09	1.17	1.15	0.75	0.72	0.41	0.45	1.30	0.00	0.3%
NC_976	120	4499	34.81	34.54	3.76	35.28	14.36	21.79	22.56	22.50	33.95	35.29	34.39	31.24	35.29	0.00	0.0%
NC_977	120	4499	34.25	34.06	3.96	34.90	14.15	21.38	22.12	22.06	33.73	34.90	33.34	30.91	34.90	0.00	0.0%
NC_978	120	4499	59.61	59.37	3.61	59.95	23.11	36.03	36.78	36.75	56.08	59.95	60.01	52.38	60.01	0.06	0.1%
NC_979	120	4499	60.84	60.93	3.09	61.69	23.29	36.65	37.29	37.28	56.54	61.69	61.73	53.20	61.73	0.04	0.1%
NC_980	60	4558	46.11	45.39	1.82	45.44	19.30	31.41	31.87	31.90	43.32	43.21	38.48	37.23	43.32	-2.12	-4.7%
NC_981	120	4499	106.67	105.91	8.17	107.48	40.30	66.22	66.73	66.80	103.83	107.48	107.76	94.38	107.76	0.27	0.3%
NC_982	60	4558	39.15	38.39	2.36	38.54	13.41	24.79	25.37	25.34	36.14	38.76	27.69	29.37	38.76	0.22	0.6%
NC_983	60	4558	39.12	38.30	2.07	38.44	13.30	24.52	25.09	25.06	36.17	38.73	28.74	29.77	38.73	0.29	0.7%
NC_984	10	4364	2.08	2.09	0.12	2.10	2.10	1.74	1.94	1.88	1.23	1.19	0.68	0.75	2.10	0.00	0.0%
NC_985	20	4433	1.02	0.95	0.17	0.95	1.02	0.95	0.95	0.95	0.66	0.61	0.34	0.38	1.02	0.07	7.2%
NC_986	25	4394	4.01	4.07	0.29	4.09	2.82	3.60	4.02	3.95	2.95	2.89	1.73	1.93	4.02	-0.07	-1.7%
NC_987	20	4429	0.63	0.60	0.09	0.61	0.55	0.60	0.61	0.61	0.43	0.40	0.23	0.26	0.61	-0.01	-0.8%
NC_988	20	4371	0.80	0.74	0.13	0.74	0.78	0.74	0.74	0.74	0.51	0.48	0.27	0.30	0.78	0.04	5.8%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_989	15	4401	4.84	4.63	0.52	4.66	4.75	4.11	4.73	4.55	3.02	2.94	1.69	1.88	4.75	0.09	1.9%
NC_990	45	4534	34.44	34.51	1.95	35.56	8.90	23.78	24.61	24.54	29.99	32.18	20.12	22.71	32.18	-3.38	-9.5%
NC_991	20	4371	0.63	0.59	0.11	0.59	0.62	0.59	0.58	0.59	0.41	0.38	0.21	0.23	0.62	0.03	5.8%
NC_992	45	4496	3.25	3.25	0.07	3.25	2.47	2.98	3.07	3.06	2.89	2.89	2.25	2.35	3.07	-0.19	-5.7%
NC_993	20	4429	1.58	1.49	0.21	1.52	1.56	1.39	1.52	1.47	0.99	0.95	0.54	0.60	1.56	0.03	2.3%
NC_994	20	4429	1.19	1.12	0.18	1.13	1.17	1.08	1.13	1.12	0.75	0.72	0.41	0.45	1.17	0.04	3.9%
NC_995	20	4429	1.79	1.69	0.24	1.71	1.78	1.57	1.71	1.67	1.12	1.07	0.61	0.68	1.78	0.07	4.2%
NC_996	10	4364	1.69	1.70	0.10	1.70	1.70	1.44	1.58	1.54	1.02	0.98	0.56	0.62	1.70	0.00	0.2%
NC_997	20	4399	5.81	5.73	0.47	5.76	4.96	5.09	5.81	5.60	4.35	4.16	2.50	2.84	5.81	0.05	0.8%
NC_998	10	4364	0.71	0.72	0.08	0.72	0.72	0.64	0.63	0.64	0.44	0.41	0.22	0.24	0.72	0.00	0.6%
NC_999	10	4364	1.48	1.49	0.12	1.50	1.50	1.30	1.37	1.35	0.90	0.85	0.48	0.53	1.50	0.00	0.0%
NC_1000	25	4394	3.71	3.72	0.19	3.73	2.62	3.41	3.62	3.60	3.04	2.88	1.87	2.03	3.62	-0.11	-2.9%
NC_1001	20	4399	2.73	2.71	0.19	2.72	2.20	2.52	2.74	2.68	2.21	2.09	1.31	1.47	2.74	0.01	0.6%
NC_1002	10	4364	1.38	1.39	0.11	1.39	1.39	1.21	1.27	1.25	0.83	0.79	0.45	0.49	1.39	0.00	0.3%
NC_1003	20	4429	1.13	1.07	0.17	1.08	1.09	1.03	1.08	1.07	0.73	0.69	0.39	0.44	1.09	0.01	0.6%
NC_1004	20	4433	1.54	1.48	0.18	1.49	1.33	1.40	1.53	1.49	1.06	1.02	0.59	0.67	1.53	0.03	2.3%
NC_1005	20	4429	7.97	7.92	0.61	7.98	6.76	6.84	7.98	7.66	5.91	5.67	3.38	3.84	7.98	0.00	0.1%
NC_1006	10	4364	0.78	0.79	0.08	0.80	0.80	0.71	0.70	0.71	0.48	0.45	0.25	0.27	0.80	0.00	-0.3%
NC_1007	20	4429	17.18	17.23	1.08	17.28	13.24	14.78	17.28	16.84	12.49	12.38	7.38	8.38	17.28	0.00	0.0%
NC_1008	15	4401	2.62	2.51	0.28	2.54	2.58	2.20	2.56	2.45	1.62	1.58	0.90	1.00	2.58	0.04	1.7%
NC_1009	20	4433	0.86	0.81	0.14	0.81	0.83	0.80	0.80	0.81	0.56	0.52	0.30	0.33	0.83	0.01	1.9%
NC_1010	20	4399	1.87	1.82	0.18	1.83	1.70	1.64	1.86	1.80	1.21	1.19	0.68	0.77	1.86	0.03	1.9%
NC_1011	20	4371	0.63	0.59	0.11	0.59	0.61	0.59	0.59	0.59	0.41	0.38	0.21	0.24	0.61	0.02	2.7%
NC_1012	20	4433	0.51	0.49	0.07	0.50	0.40	0.49	0.50	0.50	0.36	0.34	0.20	0.23	0.50	0.00	0.2%
NC_1013	20	4433	1.25	1.22	0.13	1.23	0.88	1.18	1.25	1.23	0.93	0.90	0.54	0.60	1.25	0.02	1.5%
NC_1014	20	4399	1.82	1.80	0.15	1.80	1.25	1.69	1.84	1.80	1.41	1.36	0.82	0.90	1.84	0.04	2.4%
NC_1015	60	4558	24.34	24.22	0.87	24.22	5.51	13.23	13.30	13.30	24.58	25.03	21.36	21.20	25.03	0.81	3.3%
NC_1016	45	4528	7.57	7.54	0.63	7.80	3.84	6.26	6.69	6.60	6.60	6.60	4.22	4.62	6.69	-1.11	-14.2%
NC_1017	60	4558	21.27	21.14	1.16	21.15	4.96	12.25	12.35	12.35	20.69	21.14	17.02	17.13	21.14	-0.01	-0.1%
NC_1018	60	4558	4.74	4.66	0.67	4.67	1.96	2.77	2.80	2.79	4.98	5.10	3.87	3.67	5.10	0.43	9.2%
NC_1019	25	4461	0.89	0.90	0.06	0.90	0.60	0.79	0.86	0.85	0.75	0.72	0.45	0.50	0.86	-0.04	-4.2%
NC_1020	60	4558	19.65	19.47	1.53	19.48	5.23	12.42	12.56	12.56	18.78	19.10	14.25	14.93	19.10	-0.38	-2.0%
NC_1021	25	4394	2.54	2.58	0.18	2.59	1.67	2.24	2.49	2.43	2.06	2.01	1.24	1.37	2.49	-0.10	-4.0%
NC_1022	45	4528	1.40	1.41	0.12	1.43	0.59	1.09	1.14	1.13	1.26	1.24	0.80	0.87	1.26	-0.17	-11.7%
NC_1023	60	4558	20.82	20.65	1.44	20.66	5.25	12.70	12.81	12.82	19.93	20.32	15.45	16.08	20.32	-0.34	-1.6%
NC_1024	45	4528	15.81	15.91	0.82	16.27	6.44	11.57	11.89	11.85	14.80	14.95	10.69	11.39	14.95	-1.32	-8.1%
NC_1025	25	4461	5.85	5.95	0.53	6.00	3.77	5.23	5.83	5.65	4.81	4.63	2.83	3.14	5.83	-0.17	-2.9%
NC_1026	25	4462	2.21	2.23	0.21	2.27	1.41	2.04	2.21	2.16	1.82	1.74	1.06	1.17	2.21	-0.06	-2.6%
NC_1027	25	4461	3.66	3.72	0.35	3.77	2.48	3.28	3.68	3.56	2.99	2.86	1.75	1.93	3.68	-0.09	-2.4%
NC_1028	20	4433	0.66	0.63	0.10	0.63	0.56	0.63	0.64	0.63	0.46	0.42	0.25	0.28	0.64	0.01	0.8%
NC_1029	20	4429	0.59	0.56	0.09	0.56	0.53	0.56	0.56	0.56	0.40	0.37	0.21	0.24	0.56	0.00	0.7%
NC_1030	20	4371	0.32	0.30	0.06	0.30	0.33	0.30	0.29	0.30	0.20	0.19	0.10	0.11	0.33	0.03	9.7%
NC_1031	20	4399	0.49	0.48	0.04	0.48	0.31	0.45	0.50	0.48	0.37	0.36	0.21	0.23	0.50	0.02	3.1%
NC_1032	20	4433	0.97	0.95	0.09	0.96	0.70	0.92	0.97	0.96	0.75	0.72	0.44	0.49	0.97	0.01	0.8%
NC_1033	45	4528	1.73	1.73	0.16	1.76	0.74	1.37	1.41	1.40	1.54	1.51	0.96	1.05	1.54	-0.22	-12.3%
NC_1034	45	4528	3.00	3.03	0.15	3.06	1.14	2.13	2.15	2.14	2.99	2.90	2.15	2.29	2.99	-0.07	-2.4%
NC_1035	20	4371	0.55	0.53	0.09	0.53	0.51	0.53	0.52	0.53	0.37	0.34	0.19	0.22	0.53	0.00	-0.8%
NC_1036	720	4758	1.08	0.85	0.50	0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.87	-100.0%
NC_1037	30	4498	1.73	1.72	0.13	1.74	0.84	1.47	1.54	1.53	1.51	1.45	0.93	1.01	1.54	-0.20	-11.7%
NC_1038	45	4528	1.46	1.46	0.13	1.49	0.60	1.13	1.15	1.14	1.32	1.30	0.84	0.91	1.32	-0.17	-11.3%
NC_1039	45	4534	1.80	1.81	0.08	1.84	0.76	1.34	1.37	1.36	1.70	1.72	1.26	1.34	1.72	-0.13	-6.8%
NC_1040	20	4433	0.34	0.33	0.05	0.33	0.26	0.32	0.33	0.33	0.23	0.22	0.13	0.14	0.33	0.00	1.2%
NC_1041	45	4534	1.83	1.84	0.07	1.86	0.76	1.35	1.37	1.37	1.73	1.76	1.31	1.39	1.76	-0.10	-5.6%
NC_1042	20	4399	0.76	0.75	0.07	0.75	0.58	0.70	0.77	0.75	0.54	0.53	0.31	0.34	0.77	0.02	2.5%
NC_1043	45	4528	2.53	2.53	0.21	2.60	1.18	2.04	2.13	2.12	2.24	2.22	1.43	1.56	2.24	-0.36	-14.0%
NC_1044	45	4534	5.50	5.50	0.20	5.55	2.14	3.92	4.03	4.01	4.97	5.16	3.68	3.95	5.16	-0.39	-7.0%
NC_1045	90	4532	33.08	33.09	1.50	33.45	13.05	19.20	20.06	19.94	32.73	33.21	31.08	29.75	33.21	-0.24	-0.7%
NC_1046	60	4558	14.51	14.41	1.20	14.42	5.70	10.15	10.43	10.39	13.99	13.92	10.43	10.99	13.99	-0.43	-3.0%
NC_1047	60	4558	15.64	15.52	1.11	15.53	6.03	10.64	10.89	10.87	15.00	15.04	11.69	12.20	15.04	-0.49	-3.1%
NC_1048	25	4394	7.03	7.11	0.41	7.16	4.83	6.21	6.84	6.73	6.64	6.20	4.46	4.68	6.84	-0.33	-4.5%
NC_1049	45	4528	4.98	5.01	0.32	5.01	2.51	3.84	4.03	3.98	4.95	4.52	3.59	3.70	4.95	-0.06	-1.3%
NC_1050	45	4528	3.97	3.97	0.14	3.98	1.81	2.90	2.93	2.91	3.87	3.58	2.89	3.00	3.87	-0.11	-2.7%
NC_1051	20	4371	0.35	0.32	0.07	0.33	0.35	0.33	0.32	0.32	0.22	0.20	0.11	0.12	0.35	0.02	7.0%
NC_1052	45	4528	5.57	5.59	0.46	5.61	3.64	4.80	5.23	5.15	5.48	5.09	3.71	3.89	5.48	-0.13	-2.3%
NC_1053	20	4429	1.15	1.12	0.13	1.13	1.13	1.00	1.13	1.10	0.71	0.69	0.40	0.44	1.13	0.00	-0.1%
NC_1054	45	4496	2.90	2.89	0.07	2.90	1.67	2.46	2.51	2.51	2.58	2.59	1.99	2.10	2.59	-0.31	-10.6%
NC_1055	10	4364	0.78	0.79	0.08	0.80	0.80	0.71	0.70	0.71	0.49	0.45	0.25	0.27	0.80	-0.01	-0.6%
NC_1056	10	4364	1.14	1.15	0.10	1.15	1.15	0.95	0.98	0.97	0.65	0.61	0.34	0.37	1.15	0.00	0.3%
NC_1057	10	4364	0.64	0.64	0.06	0.65	0.65	0.55	0.53	0.54	0.37	0.34	0.18	0.20	0.65	-0.01	-0.8%
NC_1058	60	4558	3.47	3.44	0.14	3.46	1.67	2.57	2.60	2.60	3.28	3.11	2.52	2.63	3.28	-0.18	-5.3%
NC_1059	60	4558	3.13	3.10	0.21	3.10	1.18	2.14	2.18	2.18	2.82	2.86	2.10	2.26	2.86	-0.24	-7.8%
NC_1060	15	4401	1.35	1.28	0.14	1.29	1.31	1.18	1.32	1.29	0.82	0.81	0.47	0.52	1.32	0.03	2.2%
NC_1061	45	4528	4.80	4.82	0.59	4.95	1.92	2.73	2.78	2.77	3.24	2.93	2.38	2.47	3.24	-1.71	-34.5%
NC_1062	45	4496	4.72	4.70	0.22	4.84	2.01	3.53	3.54	3.52	4.17	3.74	3.14	3.22	4.17	-0.67	-13.8%
NC_1063	25	4461	1.52	1.54	0.12	1.55	1.01	1.37	1.52	1.50	1.13	1.09	0.66	0.73	1.52	-0.03	-1.7%
NC_1064	25	4461	9.61	9.51	0.50	9.51	6.71	8.41	9.33	9.22	6.79	6.97	4.24	4.76	9.33	-0.18	-1.9%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_1065	25	4461	1.68	1.67	0.07	1.68	0.98	1.46	1.57	1.55	1.30	1.29	0.78	0.87	1.57	-0.11	-6.6%
NC_1066	20	4399	2.52	2.42	0.27	2.43	2.31	2.21	2.50	2.41	1.65	1.61	0.92	1.04	2.50	0.06	2.7%
NC_1067	20	4371	0.68	0.63	0.12	0.63	0.66	0.63	0.63	0.63	0.44	0.40	0.23	0.25	0.66	0.03	5.2%
NC_1068	20	4433	1.01	0.96	0.14	0.96	0.92	0.92	0.98	0.96	0.66	0.63	0.36	0.40	0.98	0.02	2.3%
NC_1069	10	4364	0.93	0.93	0.09	0.93	0.93	0.81	0.79	0.80	0.55	0.51	0.28	0.30	0.93	0.00	0.4%
NC_1070	10	4364	1.34	1.35	0.12	1.36	1.36	1.14	1.17	1.16	0.78	0.73	0.41	0.45	1.36	0.00	-0.2%
NC_1071	10	4357	0.49	0.49	0.06	0.50	0.50	0.45	0.43	0.44	0.30	0.28	0.15	0.16	0.50	0.00	-0.2%
NC_1072	20	4433	0.70	0.66	0.11	0.66	0.65	0.66	0.66	0.66	0.46	0.43	0.24	0.27	0.66	0.00	0.0%
NC_1073	20	4429	4.97	4.82	0.56	4.88	4.80	4.24	4.88	4.70	3.15	3.06	1.75	1.95	4.88	0.00	0.1%
NC_1074	20	4399	7.59	7.61	0.69	7.63	6.74	6.23	7.64	7.24	5.03	4.94	2.78	3.17	7.64	0.01	0.1%
NC_1075	20	4429	2.64	2.50	0.37	2.53	2.53	2.38	2.53	2.48	1.71	1.61	0.92	1.02	2.53	0.00	0.1%
NC_1076	20	4433	0.49	0.47	0.07	0.47	0.39	0.46	0.48	0.47	0.34	0.32	0.19	0.21	0.48	0.01	1.1%
NC_1077	20	4429	0.31	0.30	0.05	0.30	0.27	0.30	0.30	0.30	0.21	0.19	0.11	0.12	0.30	0.00	0.0%
NC_1078	20	4367	1.86	1.81	0.19	1.82	1.76	1.61	1.84	1.78	1.16	1.14	0.65	0.73	1.84	0.02	0.9%
NC_1079	20	4429	3.00	3.01	0.17	3.03	2.31	2.67	3.03	2.96	2.12	2.06	1.23	1.37	3.03	0.00	-0.1%
NC_1080	10	4364	0.50	0.50	0.05	0.51	0.51	0.44	0.43	0.43	0.30	0.28	0.15	0.16	0.51	-0.01	-1.0%
NC_1081	25	4464	1.28	1.28	0.08	1.28	0.77	1.18	1.24	1.23	1.08	1.02	0.65	0.71	1.24	-0.04	-3.0%
NC_1082	20	4399	1.26	1.24	0.11	1.25	1.03	1.15	1.26	1.24	0.85	0.84	0.49	0.55	1.26	0.01	1.0%
NC_1083	20	4429	0.50	0.47	0.08	0.48	0.43	0.47	0.48	0.48	0.34	0.31	0.18	0.20	0.48	-0.01	-1.0%
NC_1084	20	4433	0.88	0.86	0.12	0.87	0.69	0.85	0.87	0.87	0.66	0.62	0.38	0.42	0.87	0.00	0.3%
NC_1085	25	4394	1.30	1.30	0.08	1.30	0.77	1.18	1.26	1.24	1.07	1.01	0.64	0.70	1.26	-0.04	-3.4%
NC_1086	20	4371	0.52	0.49	0.08	0.49	0.48	0.49	0.49	0.49	0.35	0.32	0.18	0.20	0.49	0.00	0.8%
NC_1087	45	4528	2.80	2.80	0.23	2.83	1.81	2.45	2.49	2.50	2.52	2.44	1.61	1.74	2.52	-0.31	-10.9%
NC_1088	20	4433	1.49	1.45	0.15	1.45	1.32	1.37	1.47	1.45	1.00	0.98	0.57	0.64	1.47	0.02	1.4%
NC_1089	20	4399	0.95	0.93	0.09	0.93	0.78	0.88	0.95	0.93	0.66	0.65	0.38	0.43	0.95	0.02	1.9%
NC_1090	20	4429	0.58	0.55	0.09	0.56	0.52	0.55	0.56	0.56	0.39	0.36	0.21	0.23	0.56	0.00	-0.5%
NC_1091	20	4399	2.27	2.20	0.22	2.20	2.05	2.05	2.25	2.20	1.52	1.48	0.87	0.97	2.25	0.04	2.0%
NC_1092	60	4558	17.37	17.05	0.90	17.07	6.97	12.05	12.24	12.22	15.38	15.47	12.42	12.72	15.47	-1.60	-9.4%
NC_1093	45	4528	3.09	3.09	0.24	3.15	1.89	2.61	2.73	2.70	2.79	2.71	1.82	1.96	2.79	-0.36	-11.4%
NC_1094	20	4429	2.49	2.51	0.15	2.52	1.95	2.18	2.52	2.45	1.82	1.76	1.05	1.17	2.52	0.00	0.1%
NC_1095	20	4399	2.41	2.34	0.23	2.35	2.16	2.14	2.39	2.33	1.63	1.58	0.92	1.04	2.39	0.04	1.7%
NC_1096	20	4433	1.08	1.06	0.08	1.07	0.72	1.03	1.08	1.07	0.89	0.85	0.53	0.58	1.08	0.01	0.7%
NC_1097	30	4498	1.34	1.33	0.11	1.34	0.67	1.15	1.22	1.20	1.18	1.12	0.72	0.79	1.22	-0.12	-9.2%
NC_1098	20	4429	0.88	0.85	0.10	0.87	0.84	0.77	0.87	0.84	0.56	0.54	0.31	0.35	0.87	0.00	-0.5%
NC_1099	20	4399	1.03	1.00	0.11	1.01	0.90	0.92	1.03	1.00	0.67	0.66	0.38	0.43	1.03	0.02	1.6%
NC_1100	60	4558	17.28	16.97	0.83	16.98	6.86	11.89	12.07	12.06	15.30	15.38	12.67	12.77	15.38	-1.60	-9.4%
NC_1101	45	4496	10.50	10.47	0.42	10.56	5.09	8.32	8.49	8.49	8.59	8.95	5.95	6.56	8.95	-1.61	-15.2%
NC_1102	90	4395	168.24	169.89	9.03	170.48	59.54	100.28	100.77	100.86	170.48	175.42	165.92	149.53	175.42	4.94	2.9%
NC_1103	20	4399	2.02	1.96	0.19	1.97	1.89	1.78	2.00	1.95	1.26	1.25	0.71	0.80	2.00	0.03	1.6%
NC_1104	15	4401	0.95	0.91	0.10	0.92	0.93	0.79	0.92	0.88	0.57	0.56	0.32	0.35	0.93	0.01	1.4%
NC_1105	120	4613	6.20	6.14	1.28	6.41	0.54	0.87	0.87	0.87	6.73	7.67	6.00	4.97	7.67	1.26	19.7%
NC_1106	90	4395	162.74	164.27	8.93	164.80	59.31	99.50	99.99	100.09	164.80	169.35	160.19	144.79	169.35	4.55	2.8%
NC_1107	45	4496	8.34	8.27	0.39	8.37	4.65	6.90	7.33	7.30	6.60	7.12	4.51	5.03	7.33	-1.04	-12.4%
NC_1108	20	4429	0.90	0.86	0.11	0.87	0.89	0.78	0.87	0.84	0.56	0.54	0.31	0.34	0.89	0.02	2.2%
NC_1109	20	4429	8.81	8.76	0.59	8.82	7.18	7.78	8.83	8.56	7.22	6.79	4.42	4.81	8.83	0.00	0.1%
NC_1110	25	4466	8.09	8.18	0.46	8.24	5.49	7.16	7.85	7.74	6.75	6.56	4.32	4.70	7.85	-0.39	-4.8%
NC_1111	20	4433	1.66	1.59	0.18	1.60	1.49	1.54	1.61	1.60	1.10	1.06	0.63	0.70	1.61	0.01	0.8%
NC_1112	90	4395	186.86	188.63	10.35	189.57	68.03	113.11	113.98	113.93	189.57	194.66	182.98	165.91	194.66	5.09	2.7%
NC_1113	90	4395	185.52	186.18	8.47	186.23	62.60	109.97	110.54	110.58	186.23	191.81	187.34	166.51	191.81	5.58	3.0%
NC_1114	120	4499	185.21	183.68	16.98	191.30	62.37	109.65	110.22	110.26	185.73	191.30	187.53	166.37	191.30	0.00	0.0%
NC_1115	20	4429	1.49	1.40	0.21	1.42	1.48	1.34	1.42	1.39	0.93	0.89	0.51	0.56	1.48	0.06	3.9%
NC_1116	20	4429	1.79	1.70	0.23	1.73	1.75	1.57	1.73	1.68	1.13	1.09	0.62	0.69	1.75	0.02	1.2%
NC_1117	20	4429	3.52	3.53	0.23	3.57	2.78	3.11	3.57	3.48	2.44	2.38	1.39	1.57	3.57	0.00	0.0%
NC_1118	10	4357	0.56	0.56	0.06	0.57	0.57	0.49	0.48	0.48	0.33	0.31	0.17	0.18	0.57	0.00	0.0%
NC_1119	20	4367	17.28	17.40	1.22	17.41	13.70	14.51	17.36	16.92	11.74	11.83	6.80	7.72	17.36	-0.05	-0.3%
NC_1120	20	4399	2.41	2.38	0.19	2.39	2.12	2.15	2.40	2.36	1.54	1.52	0.88	0.99	2.40	0.01	0.5%
NC_1121	30	4498	25.80	25.43	1.95	25.96	16.48	22.42	24.14	23.97	25.99	26.01	19.56	20.09	26.01	0.05	0.2%
NC_1122	10	4364	0.63	0.63	0.07	0.64	0.64	0.57	0.56	0.57	0.39	0.36	0.20	0.22	0.64	0.00	-0.3%
NC_1123	20	4429	1.85	1.76	0.24	1.79	1.81	1.63	1.79	1.74	1.18	1.13	0.65	0.72	1.81	0.02	1.3%
NC_1124	25	4466	24.70	24.66	1.17	24.71	16.72	21.71	23.69	23.43	25.32	24.74	18.57	19.05	25.32	0.61	2.5%
NC_1125	25	4466	24.94	25.01	1.26	25.09	17.16	21.97	24.06	23.76	25.48	24.72	18.49	18.99	25.48	0.39	1.5%
NC_1126	20	4371	0.78	0.74	0.13	0.74	0.76	0.74	0.73	0.74	0.51	0.47	0.27	0.30	0.76	0.02	2.7%
NC_1127	10	4364	2.32	2.33	0.11	2.34	2.34	1.92	2.18	2.10	1.36	1.32	0.76	0.84	2.34	0.00	0.0%
NC_1128	10	4364	1.44	1.45	0.11	1.46	1.46	1.28	1.35	1.33	0.88	0.84	0.48	0.52	1.46	0.00	-0.1%
NC_1129	15	4401	2.97	2.88	0.26	2.91	2.88	2.42	2.90	2.77	1.84	1.80	1.03	1.15	2.90	-0.01	-0.3%
NC_1130	20	4399	4.69	4.60	0.45	4.61	4.30	3.96	4.69	4.47	3.09	3.02	1.71	1.93	4.69	0.08	1.6%
NC_1131	60	4558	10.35	10.24	0.39	10.26	3.37	6.67	6.78	6.77	9.57	9.35	7.87	7.83	9.57	-0.69	-6.7%
NC_1132	20	4433	1.29	1.21	0.20	1.21	1.29	1.20	1.21	1.21	0.83	0.77	0.44	0.49	1.29	0.08	6.3%
NC_1133	20	4399	5.31	5.20	0.51	5.22	4.72	4.58	5.30	5.07	3.51	3.43	1.95	2.21	5.30	0.08	1.6%
NC_1134	20	4429	2.60	2.49	0.33	2.53	2.50	2.29	2.53	2.45	1.66	1.59	0.91	1.02	2.53	0.00	-0.2%
NC_1135	20	4371	0.63	0.60	0.11	0.60	0.61	0.60	0.59	0.59	0.41	0.38	0.22	0.24	0.61	0.01	1.0%
NC_1136	45	4528	2.04	2.04	0.16	2.10	0.93	1.64	1.72	1.71	1.78	1.78	1.13	1.24	1.78	-0.32	-15.1%
NC_1137	25	4466	7.55	7.54	0.50	7.59	5.42	6.53	7.44	7.29	5.37	5.44	3.25	3.64	7.44	-0.16	-2.0%
NC_1138	10	4364	0.69	0.69	0.07	0.70	0.70	0.63	0.61	0.62	0.43	0.39	0.22	0.24	0.70	0.00	-0.4%
NC_1139	10	4364	1.79	1.80	0.14	1.81	1.81	1.59	1.68	1.66	1.10	1.04	0.60	0.66	1.81	0.00	0.1%
NC_1140	20	4433	1.31	1.26	0.14	1.26	1.20	1.18	1.29	1.26	0.82	0.81	0.47	0.53	1.29	0.02	2.0%

ARR2019 Results for 1%AEP Event																	
Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_1141	45	4528	8.42	8.37	0.60	8.73	3.66	6.95	7.31	7.27	7.26	7.22	4.67	5.16	7.31	-1.42	-16.3%
NC_1142	45	4528	8.35	8.32	0.49	8.64	3.44	6.64	6.93	6.91	7.17	7.23	4.79	5.30	7.23	-1.41	-16.3%
NC_1143	20	4429	1.14	1.07	0.17	1.08	1.11	1.04	1.08	1.07	0.73	0.69	0.39	0.44	1.11	0.03	2.8%
NC_1144	45	4534	8.84	8.81	0.35	8.88	3.47	6.73	7.00	6.98	7.45	7.76	5.29	5.85	7.76	-1.12	-12.6%
NC_1145	45	4533	9.18	9.11	0.28	9.18	3.50	6.81	7.07	7.05	7.84	8.12	5.62	6.20	8.12	-1.06	-11.5%
NC_1146	10	4364	0.76	0.77	0.08	0.77	0.77	0.70	0.69	0.70	0.48	0.44	0.25	0.27	0.77	0.00	0.5%
NC_1147	20	4429	0.84	0.80	0.11	0.82	0.82	0.73	0.82	0.79	0.52	0.51	0.29	0.32	0.82	0.00	0.5%
NC_1148	45	4533	9.65	9.59	0.25	9.62	4.05	6.90	7.12	7.11	8.52	8.60	6.09	6.66	8.60	-1.02	-10.6%
NC_1149	20	4429	1.07	1.00	0.17	1.00	1.07	0.97	1.00	0.99	0.67	0.63	0.36	0.40	1.07	0.07	6.6%
NC_1150	20	4371	0.70	0.64	0.12	0.65	0.70	0.65	0.64	0.64	0.44	0.41	0.23	0.25	0.70	0.05	7.5%
NC_1151	20	4399	1.97	1.95	0.17	1.95	1.69	1.72	1.98	1.91	1.31	1.28	0.73	0.83	1.98	0.03	1.5%
NC_1152	20	4428	2.34	2.31	0.19	2.32	1.96	2.03	2.36	2.27	1.56	1.53	0.88	0.99	2.36	0.04	1.5%
NC_1153	20	4428	2.39	2.36	0.20	2.38	2.03	2.07	2.41	2.32	1.60	1.57	0.90	1.02	2.41	0.02	1.1%
NC_1154	20	4429	2.03	1.88	0.32	1.89	2.05	1.84	1.89	1.88	1.28	1.20	0.67	0.75	2.05	0.16	8.2%
NC_1155	20	4428	3.60	3.58	0.25	3.60	2.97	3.21	3.63	3.54	2.41	2.36	1.38	1.55	3.63	0.02	0.7%
NC_1156	15	4401	3.51	3.51	0.21	3.54	3.14	2.84	3.52	3.34	2.31	2.27	1.28	1.45	3.52	-0.02	-0.5%
NC_1157	25	4394	4.28	4.34	0.32	4.35	3.15	3.83	4.32	4.24	3.09	3.02	1.80	2.01	4.32	-0.03	-0.8%
NC_1158	25	4458	8.05	7.96	0.42	7.96	5.44	6.95	7.76	7.66	5.77	5.96	3.58	4.01	7.76	-0.20	-2.5%
NC_1159	25	4458	8.18	8.09	0.40	8.11	5.44	7.07	7.85	7.75	5.88	6.12	3.68	4.13	7.85	-0.26	-3.2%
NC_1160	25	4458	8.42	8.35	0.36	8.40	5.41	7.28	8.00	7.91	6.12	6.53	3.94	4.43	8.00	-0.40	-4.7%
NC_1161	45	4528	3.31	3.29	0.33	3.33	2.18	2.96	2.98	2.98	3.02	2.85	1.90	2.02	3.02	-0.31	-9.4%
NC_1162	20	4433	0.89	0.84	0.13	0.84	0.82	0.83	0.84	0.84	0.59	0.55	0.31	0.35	0.84	0.00	-0.1%
NC_1163	20	4429	1.04	0.98	0.16	0.98	1.03	0.95	0.98	0.97	0.66	0.62	0.35	0.39	1.03	0.05	5.4%
NC_1164	45	4528	2.68	2.69	0.22	2.73	1.12	2.02	2.08	2.07	2.39	2.37	1.53	1.68	2.39	-0.34	-12.6%
NC_1165	20	4371	0.62	0.58	0.10	0.58	0.59	0.58	0.57	0.58	0.40	0.37	0.21	0.23	0.59	0.01	2.1%
NC_1166	10	4364	1.32	1.33	0.13	1.34	1.34	1.16	1.17	1.17	0.79	0.74	0.41	0.45	1.34	0.00	0.2%
NC_1167	45	4528	4.18	4.18	0.39	4.24	2.67	3.53	3.77	3.72	3.88	3.68	2.48	2.64	3.88	-0.36	-8.5%
NC_1168	45	4496	13.54	13.45	0.62	13.52	6.79	10.90	11.29	11.27	10.90	11.45	7.40	8.23	11.45	-2.08	-15.3%
NC_1169	60	4558	2.55	2.54	0.15	2.54	0.86	1.59	1.62	1.61	2.56	2.58	2.11	2.12	2.58	0.04	1.6%
NC_1170	60	4558	1.60	1.60	0.12	1.60	0.51	0.93	0.95	0.95	1.62	1.60	1.21	1.27	1.62	0.01	0.9%
NC_1171	20	4433	0.51	0.50	0.06	0.50	0.37	0.49	0.51	0.50	0.37	0.36	0.21	0.24	0.51	0.01	2.2%
NC_1172	25	4460	0.82	0.82	0.07	0.82	0.48	0.75	0.81	0.80	0.67	0.64	0.39	0.43	0.81	-0.01	-1.1%
NC_1173	60	4558	3.59	3.59	0.19	3.60	1.60	2.52	2.61	2.59	3.81	3.70	3.12	3.10	3.81	0.21	5.8%
NC_1174	20	4433	0.94	0.88	0.15	0.88	0.91	0.88	0.88	0.88	0.61	0.57	0.32	0.36	0.91	0.03	3.9%
NC_1175	10	4364	0.67	0.68	0.07	0.68	0.68	0.62	0.60	0.61	0.42	0.39	0.21	0.23	0.68	0.00	0.3%
NC_1176	30	4498	1.88	1.87	0.15	1.88	0.93	1.60	1.70	1.68	1.64	1.57	1.00	1.09	1.70	-0.18	-9.7%
NC_1177	45	4496	13.88	13.79	0.52	13.96	6.67	10.88	11.23	11.20	11.20	11.81	7.90	8.65	11.81	-2.15	-15.4%
NC_1178	60	4558	3.73	3.73	0.18	3.73	1.50	2.53	2.59	2.58	3.91	3.89	3.31	3.26	3.91	0.18	4.7%
NC_1179	20	4433	0.48	0.47	0.07	0.47	0.38	0.46	0.48	0.47	0.34	0.32	0.19	0.21	0.48	0.01	1.3%
NC_1180	20	4371	0.65	0.60	0.11	0.61	0.66	0.61	0.60	0.60	0.41	0.38	0.21	0.23	0.66	0.05	8.0%
NC_1181	20	4399	1.64	1.63	0.13	1.64	1.35	1.48	1.65	1.61	1.10	1.08	0.63	0.71	1.65	0.01	0.5%
NC_1182	25	4461	2.40	2.44	0.17	2.45	1.61	2.15	2.38	2.34	1.80	1.74	1.06	1.17	2.38	-0.07	-2.9%
NC_1183	45	4528	2.38	2.39	0.21	2.44	1.29	1.97	2.10	2.08	2.20	2.13	1.42	1.53	2.20	-0.24	-9.8%
NC_1184	20	4399	0.81	0.78	0.09	0.79	0.74	0.71	0.81	0.78	0.52	0.51	0.29	0.32	0.81	0.02	2.0%
NC_1185	45	4528	1.75	1.76	0.14	1.80	0.75	1.34	1.39	1.38	1.61	1.59	1.05	1.14	1.61	-0.19	-10.7%
NC_1186	20	4429	0.50	0.48	0.07	0.48	0.42	0.48	0.48	0.48	0.34	0.32	0.19	0.21	0.48	0.00	0.4%
NC_1187	60	4405	3.96	3.96	0.22	3.96	1.62	2.73	2.81	2.80	4.16	4.13	3.50	3.46	4.16	0.20	4.9%
NC_1188	45	4528	3.44	3.49	0.26	3.56	1.58	2.68	2.81	2.79	3.13	3.14	2.09	2.27	3.14	-0.42	-11.7%
NC_1189	20	4371	0.66	0.62	0.11	0.62	0.64	0.62	0.62	0.62	0.43	0.40	0.22	0.25	0.64	0.02	3.4%
NC_1190	25	4461	8.78	8.73	0.37	8.74	5.48	7.71	8.32	8.25	6.68	6.91	4.24	4.72	8.32	-0.42	-4.8%
NC_1191	10	4364	1.38	1.39	0.13	1.40	1.40	1.23	1.23	1.24	0.84	0.78	0.44	0.48	1.40	0.00	-0.2%
NC_1192	20	4399	3.89	3.81	0.36	3.83	3.33	3.43	3.89	3.77	2.64	2.57	1.49	1.69	3.89	0.06	1.6%
NC_1193	25	4461	5.62	5.55	0.29	5.59	3.71	4.91	5.40	5.35	4.15	4.18	2.53	2.83	5.40	-0.20	-3.5%
NC_1194	25	4466	23.70	23.77	1.71	24.05	18.41	20.63	23.74	23.17	16.85	16.92	10.20	11.43	23.74	-0.32	-1.3%
NC_1195	20	4429	2.10	2.01	0.26	2.04	2.08	1.83	2.04	1.97	1.32	1.27	0.73	0.81	2.08	0.04	1.9%
NC_1196	20	4429	1.69	1.61	0.23	1.63	1.67	1.50	1.63	1.59	1.05	1.01	0.58	0.64	1.67	0.04	2.5%
NC_1197	10	4364	0.81	0.81	0.08	0.81	0.81	0.70	0.69	0.69	0.47	0.44	0.24	0.26	0.81	0.00	0.5%
NC_1198	10	4364	1.05	1.06	0.11	1.07	1.07	0.91	0.90	0.91	0.62	0.57	0.32	0.35	1.07	-0.01	-0.5%
NC_1199	20	4429	12.62	12.59	0.70	12.69	10.35	11.35	12.69	12.40	9.10	8.84	5.43	6.02	12.69	0.00	0.0%
NC_1200	10	4364	1.06	1.07	0.11	1.07	1.07	0.93	0.92	0.92	0.63	0.58	0.32	0.35	1.07	0.00	0.4%
NC_1201	20	4429	10.44	10.41	0.55	10.48	8.56	9.47	10.48	10.27	7.59	7.39	4.56	5.06	10.48	0.00	0.0%
NC_1202	10	4364	1.29	1.29	0.12	1.30	1.30	1.11	1.13	1.12	0.76	0.71	0.40	0.43	1.30	0.00	0.2%
NC_1203	20	4433	2.12	2.03	0.24	2.04	1.99	1.93	2.07	2.04	1.37	1.33	0.77	0.87	2.07	0.03	1.7%
NC_1204	15	4401	2.25	2.14	0.26	2.16	2.23	1.94	2.20	2.12	1.40	1.36	0.78	0.87	2.23	0.07	3.4%
NC_1205	10	4364	1.62	1.63	0.13	1.64	1.64	1.39	1.47	1.45	0.95	0.91	0.52	0.57	1.64	0.00	-0.2%
NC_1206	10	4364	0.67	0.67	0.07	0.67	0.67	0.58	0.56	0.57	0.39	0.36	0.20	0.21	0.67	0.00	0.6%
NC_1207	10	4364	1.38	1.39	0.12	1.40	1.40	1.17	1.22	1.21	0.80	0.76	0.43	0.47	1.40	0.00	0.1%
NC_1208	10	4364	0.96	0.96	0.10	0.97	0.97	0.87	0.86	0.86	0.59	0.55	0.30	0.33	0.97	0.00	0.1%
NC_1209	20	4429	1.77	1.68	0.25	1.69	1.76	1.59	1.69	1.66	1.12	1.06	0.61	0.68	1.76	0.07	4.3%
NC_1210	20	4433	1.33	1.30	0.14	1.30	1.12	1.24	1.32	1.30	0.94	0.91	0.55	0.61	1.32	0.02	1.3%
NC_1211	20	4429	3.26	3.11	0.41	3.16	3.24	2.83	3.16	3.06	2.07	1.98	1.14	1.26	3.24	0.07	2.4%
NC_1212	10	4364	1.90	1.91	0.12	1.92	1.92	1.58	1.74	1.69	1.11	1.07	0.61	0.67	1.92	0.00	0.1%
NC_1213	20	4371	0.63	0.59	0.10	0.59	0.60	0.59	0.59	0.59	0.41	0.38	0.22	0.24	0.60	0.01	1.0%
NC_1214	10	4364	0.61	0.62	0.07	0.62	0.62	0.56	0.55	0.55	0.38	0.35	0.19	0.21	0.62	0.00	0.0%
NC_1215	20	4429	14.79	14.79	0.84	14.91	11.93	13.17	14.91	14.56	10.64	10.33	6.33	7.04	14.91	-0.01	0.0%
NC_1216	20	4429	4.49	4.46	0.37	4.51	3.84	3.81	4.51	4.30	3.12	3.03	1.76	1.97	4.51	0.00	0.0%

Catchment Simulation Solutions

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min		m^3/s	%
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529			
NC_1217	10	4364	0.67	0.68	0.07	0.68	0.68	0.61	0.59	0.60	0.41	0.38	0.21	0.23	0.68	0.00	0.6%
NC_1218	20	4433	1.41	1.35	0.16	1.36	1.29	1.30	1.37	1.36	0.91	0.87	0.51	0.57	1.37	0.01	0.6%
NC_1219	25	4466	4.46	4.45	0.29	4.47	3.17	3.82	4.36	4.27	3.28	3.29	1.97	2.20	4.36	-0.11	-2.5%
NC_1220	10	4364	2.98	3.00	0.19	3.01	3.01	2.62	2.83	2.78	1.81	1.74	1.01	1.11	3.01	0.00	0.0%
NC_1221	10	4357	0.74	0.74	0.08	0.75	0.75	0.65	0.64	0.64	0.44	0.41	0.22	0.24	0.75	0.00	-0.4%
NC_1222	15	4401	2.62	2.52	0.26	2.54	2.54	2.19	2.57	2.46	1.64	1.60	0.91	1.02	2.57	0.03	1.3%
NC_1223	10	4364	1.33	1.34	0.12	1.35	1.35	1.13	1.17	1.16	0.77	0.73	0.41	0.45	1.35	0.00	0.1%
NC_1224	20	4429	0.93	0.87	0.14	0.88	0.88	0.86	0.88	0.87	0.61	0.57	0.32	0.36	0.88	0.00	0.3%
NC_1225	20	4399	2.49	2.44	0.22	2.45	2.10	2.23	2.49	2.42	1.68	1.64	0.96	1.08	2.49	0.04	1.6%
NC_1226	20	4399	2.06	2.04	0.17	2.04	1.60	1.92	2.06	2.04	1.49	1.44	0.88	0.97	2.06	0.02	1.1%
NC_1227	25	4466	26.55	26.30	1.57	26.33	19.27	23.03	26.07	25.64	18.84	19.37	11.73	13.15	26.07	-0.26	-1.0%
NC_1228	25	4458	29.78	29.49	1.50	29.70	20.83	25.79	28.88	28.48	21.06	22.02	13.35	14.98	28.88	-0.82	-2.8%
NC_1229	20	4429	4.02	4.01	0.30	4.06	3.48	3.40	4.06	3.92	2.61	2.58	1.47	1.66	4.06	0.00	0.0%
NC_1230	10	4364	1.55	1.56	0.13	1.57	1.57	1.32	1.39	1.37	0.90	0.86	0.49	0.53	1.57	0.00	-0.2%
NC_1231	15	4401	2.43	2.32	0.29	2.33	2.45	2.08	2.33	2.26	1.48	1.44	0.82	0.91	2.45	0.12	5.1%
NC_1232	20	4433	0.95	0.93	0.13	0.94	0.76	0.92	0.94	0.94	0.71	0.67	0.41	0.45	0.94	0.00	-0.1%
NC_1233	20	4428	4.42	4.40	0.34	4.41	3.38	3.94	4.47	4.32	3.43	3.29	1.98	2.21	4.47	0.05	1.2%
NC_1234	20	4399	3.63	3.59	0.30	3.60	2.64	3.28	3.67	3.56	2.80	2.70	1.60	1.80	3.67	0.07	1.9%
NC_1235	45	4528	2.67	2.65	0.24	2.71	1.60	2.29	2.42	2.40	2.41	2.30	1.52	1.63	2.42	-0.29	-10.6%
NC_1236	20	4371	0.60	0.57	0.10	0.57	0.57	0.57	0.56	0.57	0.39	0.37	0.21	0.23	0.57	0.00	-0.5%
NC_1237	45	4528	3.56	3.56	0.30	3.58	2.26	3.14	3.21	3.22	3.29	3.16	2.15	2.29	3.29	-0.29	-8.0%
NC_1238	20	4433	1.00	0.95	0.12	0.96	0.90	0.90	0.98	0.96	0.65	0.63	0.36	0.41	0.98	0.02	1.9%
NC_1239	30	4500	4.37	4.34	0.30	4.37	3.22	4.09	4.27	4.23	4.01	3.73	2.56	2.72	4.27	-0.10	-2.4%
NC_1240	25	4460	4.83	4.85	0.32	4.90	3.67	4.48	4.76	4.69	4.41	4.06	2.80	2.98	4.76	-0.15	-3.0%
NC_1241	20	4429	1.10	1.02	0.17	1.02	1.10	0.99	1.02	1.01	0.68	0.65	0.36	0.40	1.10	0.08	8.2%
NC_1242	20	4429	1.43	1.35	0.20	1.37	1.43	1.25	1.37	1.33	0.89	0.86	0.48	0.54	1.43	0.06	4.2%
NC_1243	10	4364	1.23	1.24	0.10	1.25	1.25	1.10	1.15	1.13	0.76	0.72	0.41	0.45	1.25	0.00	-0.4%
NC_1244	20	4429	2.72	2.56	0.38	2.60	2.72	2.36	2.60	2.52	1.71	1.63	0.93	1.02	2.72	0.12	4.7%
NC_1245	10	4364	1.11	1.12	0.10	1.13	1.13	1.01	1.03	1.03	0.69	0.65	0.37	0.41	1.13	0.00	-0.3%
NC_1246	10	4364	0.80	0.81	0.08	0.81	0.81	0.71	0.70	0.71	0.48	0.45	0.25	0.27	0.81	0.00	0.2%
NC_1247	10	4364	1.19	1.20	0.11	1.21	1.21	1.03	1.05	1.04	0.70	0.66	0.37	0.40	1.21	0.00	0.0%
NC_1248	20	4429	1.73	1.63	0.25	1.65	1.75	1.55	1.65	1.62	1.07	1.03	0.59	0.65	1.75	0.10	5.8%
NC_1249	25	4460	0.87	0.87	0.08	0.88	0.55	0.81	0.87	0.86	0.70	0.67	0.41	0.45	0.87	-0.01	-0.8%
NC_1250	20	4404	4.36	4.35	0.33	4.35	3.34	3.91	4.39	4.26	3.35	3.22	1.94	2.15	4.39	0.04	0.9%
NC_1251	20	4433	0.48	0.46	0.07	0.46	0.39	0.46	0.46	0.46	0.33	0.31	0.18	0.20	0.46	0.00	0.9%
NC_1252	20	4399	2.13	2.11	0.20	2.11	1.64	1.89	2.16	2.08	1.56	1.51	0.89	1.00	2.16	0.05	2.4%
NC_1253	20	4433	1.43	1.41	0.15	1.41	1.01	1.33	1.45	1.41	1.06	1.03	0.61	0.68	1.45	0.04	2.6%
NC_1254	20	4433	0.50	0.48	0.07	0.49	0.38	0.47	0.49	0.49	0.35	0.34	0.20	0.22	0.49	0.00	0.0%
NC_1255	20	4399	3.03	3.03	0.23	3.04	2.09	2.70	3.07	2.97	2.36	2.27	1.34	1.49	3.07	0.03	1.0%
NC_1256	25	4461	3.93	4.01	0.23	4.01	2.22	3.44	3.73	3.69	3.22	3.10	1.91	2.10	3.73	-0.28	-7.0%
NC_1257	25	4394	4.05	4.13	0.23	4.14	2.28	3.52	3.83	3.78	3.32	3.24	1.99	2.20	3.83	-0.31	-7.4%
NC_1258	20	4429	0.54	0.51	0.08	0.51	0.48	0.51	0.51	0.51	0.36	0.33	0.19	0.21	0.51	0.00	0.8%
NC_1259	25	4394	10.70	10.88	0.73	10.90	6.49	9.38	10.34	10.15	8.62	8.44	5.14	5.70	10.34	-0.57	-5.2%
NC_1260	20	4429	0.76	0.73	0.11	0.73	0.65	0.72	0.73	0.73	0.53	0.49	0.29	0.32	0.73	0.00	-0.1%
NC_1261	120	4499	194.81	194.87	15.95	197.23	63.38	111.93	112.48	112.52	191.27	197.23	201.49	175.79	201.49	4.26	2.2%
NC_1262	25	4462	0.81	0.82	0.07	0.83	0.48	0.73	0.80	0.78	0.67	0.64	0.39	0.43	0.80	-0.03	-3.6%
NC_1263	20	4433	1.93	1.84	0.23	1.84	1.86	1.82	1.83	1.84	1.46	1.35	0.86	0.94	1.86	0.02	1.1%
NC_1264	20	4404	1.77	1.77	0.13	1.77	1.16	1.60	1.81	1.75	1.39	1.34	0.80	0.89	1.81	0.04	2.3%
NC_1265	20	4428	2.47	2.47	0.20	2.47	1.73	2.19	2.52	2.43	1.89	1.83	1.08	1.20	2.52	0.05	2.2%
NC_1266	25	4461	4.57	4.65	0.43	4.67	2.96	3.99	4.55	4.39	3.63	3.50	2.09	2.33	4.55	-0.12	-2.6%
NC_1267	20	4429	0.54	0.52	0.08	0.52	0.48	0.52	0.52	0.52	0.37	0.34	0.19	0.22	0.52	0.00	-0.4%
NC_1268	20	4371	0.57	0.54	0.10	0.54	0.55	0.54	0.53	0.53	0.37	0.34	0.19	0.21	0.55	0.01	1.1%
NC_1269	25	4394	4.81	4.91	0.39	4.95	3.01	4.14	4.70	4.55	3.82	3.75	2.24	2.50	4.70	-0.25	-5.1%
NC_1270	20	4367	1.29	1.22	0.18	1.22	1.16	1.17	1.25	1.22	0.85	0.80	0.46	0.51	1.25	0.03	2.0%
NC_1271	25	4461	4.75	4.83	0.26	4.83	2.75	4.22	4.51	4.48	3.89	3.77	2.33	2.58	4.51	-0.32	-6.6%
NC_1272	20	4433	0.21	0.20	0.03	0.21	0.18	0.20	0.21	0.21	0.14	0.13	0.08	0.09	0.21	0.00	-0.5%
NC_1273	60	4558	7.64	7.56	0.62	7.57	3.15	5.51	5.66	5.64	7.59	7.74	6.09	6.20	7.74	0.17	2.2%
NC_1274	20	4428	2.24	2.21	0.19	2.21	1.91	1.93	2.25	2.17	1.48	1.45	0.83	0.93	2.25	0.04	1.8%
NC_1275	25	4458	3.88	3.84	0.17	3.86	2.55	3.36	3.70	3.66	2.77	2.88	1.72	1.93	3.70	-0.16	-4.1%
NC_1276	10	4357	1.32	1.33	0.11	1.34	1.34	1.18	1.24	1.22	0.81	0.77	0.44	0.48	1.34	0.00	-0.1%
NC_1277	20	4399	1.53	1.50	0.16	1.50	1.17	1.38	1.54	1.49	1.10	1.07	0.62	0.70	1.54	0.04	2.8%
NC_1278	15	4401	9.60	9.39	0.86	9.45	9.54	7.92	9.01	8.47	5.63	5.51	3.12	3.45	9.54	0.09	0.9%
NC_1279	15	4401	14.27	14.28	0.74	14.39	12.95	11.20	13.93	13.30	8.73	8.67	4.88	5.51	13.93	-0.46	-3.2%
NC_1280	10	4364	2.12	2.13	0.16	2.15	2.15	1.72	1.82	1.80	1.17	1.12	0.63	0.69	2.15	0.00	-0.1%
NC_1281	10	4357	0.90	0.90	0.09	0.91	0.91	0.76	0.75	0.76	0.51	0.48	0.26	0.28	0.91	-0.01	-0.5%
NC_1282	10	4364	0.65	0.65	0.07	0.66	0.66	0.58	0.56	0.57	0.39	0.36	0.20	0.22	0.66	0.00	-0.5%
NC_1283	10	4364	9.23	9.19	0.38	9.21	9.21	7.56	8.57	8.17	5.36	5.22	2.97	3.27	9.21	0.00	0.0%
NC_1284	10	4364	1.48	1.48	0.13	1.49	1.49	1.20	1.25	1.24	0.82	0.78	0.43	0.47	1.49	0.00	0.1%
NC_1285	10	4364	0.78	0.79	0.08	0.80	0.80	0.70	0.69	0.70	0.48	0.44	0.24	0.27	0.80	0.00	-0.4%
NC_1286	10	4364	0.65	0.65	0.07	0.66	0.66	0.58	0.56	0.57	0.39	0.36	0.20	0.22	0.66	0.00	0.0%
NC_1287	10	4364	0.61	0.62	0.07	0.62	0.62	0.56	0.55	0.55	0.38	0.35	0.19	0.21	0.62	0.00	0.2%
NC_1288	10	4364	1.93	1.94	0.16	1.96	1.96	1.65	1.73	1.71	1.13	1.07	0.61	0.67	1.96	0.00	-0.3%
NC_1289	10	4364	0.60	0.61	0.07	0.61	0.61	0.54	0.53	0.54	0.37	0.34	0.19	0.20	0.61	0.00	0.5%
NC_1290	20	4429	1.17	1.09	0.18	1.10	1.18	1.05	1.10	1.09	0.73	0.69	0.39	0.43	1.18	0.08	7.5%
NC_1291	20	4371	0.71	0.65	0.12	0.66	0.72	0.66	0.65	0.65	0.45	0.42	0.23	0.25	0.72	0.06	8.8%
NC_1292	20	4429	0.83	0.77	0.13	0.78	0.80	0.77	0.78	0.77	0.53	0.50	0.28	0.31	0.80	0.02	2.2%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_1293	20	4429	1.30	1.23	0.19	1.24	1.25	1.18	1.24	1.23	0.83	0.79	0.45	0.50	1.25	0.01	0.9%
NC_1294	20	4399	1.91	1.84	0.20	1.84	1.74	1.70	1.89	1.84	1.25	1.22	0.71	0.79	1.89	0.05	2.5%
NC_1295	20	4371	0.58	0.54	0.10	0.54	0.58	0.54	0.53	0.53	0.37	0.34	0.19	0.21	0.58	0.04	7.2%
NC_1296	20	4404	4.71	4.58	0.55	4.65	4.43	3.98	4.65	4.42	3.04	2.95	1.68	1.88	4.65	0.00	0.1%
NC_1297	25	4466	6.69	6.71	0.44	6.76	4.58	5.80	6.54	6.41	4.90	4.93	2.94	3.29	6.54	-0.22	-3.2%
NC_1298	10	4357	0.67	0.67	0.07	0.68	0.68	0.59	0.58	0.58	0.40	0.37	0.20	0.22	0.68	-0.01	-0.7%
NC_1299	10	4364	0.62	0.63	0.07	0.63	0.63	0.57	0.56	0.57	0.39	0.36	0.20	0.22	0.63	0.00	0.3%
NC_1300	10	4357	0.67	0.68	0.07	0.69	0.69	0.62	0.61	0.62	0.42	0.39	0.22	0.24	0.69	0.00	-0.7%
NC_1301	45	4534	37.52	37.48	1.38	37.95	11.63	25.24	25.96	25.90	33.79	36.50	24.24	26.69	36.50	-1.45	-3.8%
NC_1302	10	4364	0.68	0.69	0.07	0.69	0.69	0.61	0.60	0.60	0.41	0.38	0.21	0.23	0.69	0.00	0.1%
NC_1303	20	4399	0.97	0.94	0.10	0.94	0.89	0.86	0.96	0.94	0.62	0.61	0.35	0.39	0.96	0.02	2.2%
NC_1304	25	4394	6.04	6.14	0.47	6.19	4.38	5.33	6.05	5.91	4.43	4.37	2.60	2.90	6.05	-0.14	-2.3%
NC_1305	10	4364	0.67	0.67	0.07	0.68	0.68	0.61	0.59	0.60	0.41	0.38	0.21	0.23	0.68	0.00	0.0%
NC_1306	10	4364	1.19	1.20	0.10	1.21	1.21	1.05	1.09	1.07	0.72	0.68	0.38	0.42	1.21	0.00	0.1%
NC_1307	20	4429	1.83	1.73	0.25	1.75	1.83	1.61	1.75	1.71	1.14	1.09	0.62	0.69	1.83	0.08	4.7%
NC_1308	10	4364	0.63	0.63	0.07	0.64	0.64	0.56	0.55	0.55	0.38	0.35	0.19	0.21	0.64	0.00	-0.6%
NC_1309	10	4364	1.10	1.11	0.10	1.12	1.12	0.95	0.98	0.97	0.65	0.62	0.34	0.38	1.12	0.00	-0.2%
NC_1310	20	4399	6.28	6.14	0.65	6.15	5.83	5.21	6.27	5.90	4.10	4.01	2.26	2.56	6.27	0.12	1.9%
NC_1311	20	4429	4.76	4.64	0.54	4.70	4.48	4.04	4.70	4.45	3.09	3.00	1.70	1.92	4.70	0.00	0.0%
NC_1312	20	4429	1.26	1.21	0.15	1.22	1.21	1.15	1.22	1.20	0.79	0.75	0.44	0.49	1.22	0.00	-0.4%
NC_1313	20	4429	1.53	1.43	0.23	1.44	1.55	1.37	1.44	1.42	0.95	0.90	0.51	0.57	1.55	0.11	7.6%
NC_1314	10	4364	0.64	0.65	0.07	0.65	0.65	0.58	0.56	0.57	0.39	0.36	0.20	0.22	0.65	0.00	0.0%
NC_1315	10	4357	0.67	0.67	0.07	0.68	0.68	0.62	0.60	0.61	0.42	0.39	0.21	0.23	0.68	0.00	-0.3%
NC_1316	20	4371	0.68	0.63	0.12	0.63	0.69	0.63	0.62	0.63	0.43	0.40	0.22	0.24	0.69	0.06	9.0%
NC_1317	20	4429	2.58	2.46	0.33	2.50	2.50	2.27	2.50	2.43	1.64	1.58	0.90	1.00	2.50	0.00	0.0%
NC_1318	10	4364	0.75	0.76	0.08	0.76	0.76	0.68	0.67	0.68	0.46	0.43	0.24	0.26	0.76	0.00	0.4%
NC_1319	60	4558	8.88	8.74	0.34	8.74	3.86	5.37	5.58	5.58	6.94	6.69	5.67	5.57	6.94	-1.80	-20.5%
NC_1320	10	4364	1.35	1.35	0.11	1.36	1.36	1.17	1.23	1.21	0.80	0.76	0.43	0.47	1.36	0.00	0.2%
NC_1321	30	4498	6.37	6.30	0.45	6.43	4.29	5.61	6.02	5.97	4.93	5.15	3.29	3.66	6.02	-0.41	-6.4%
NC_1322	30	4498	6.36	6.28	0.43	6.41	4.23	5.58	5.96	5.92	4.92	5.18	3.35	3.72	5.96	-0.45	-7.0%
NC_1323	20	4371	0.40	0.38	0.07	0.38	0.39	0.38	0.37	0.37	0.26	0.24	0.13	0.15	0.39	0.01	1.6%
NC_1324	45	4534	22.12	22.08	1.11	22.47	12.20	18.24	19.14	19.06	19.17	19.52	13.70	14.70	19.52	-2.95	-13.1%
NC_1325	25	4460	6.76	6.83	0.46	6.90	4.76	6.15	6.65	6.54	5.59	5.30	3.38	3.70	6.65	-0.25	-3.6%
NC_1326	20	4371	0.46	0.43	0.08	0.43	0.43	0.43	0.43	0.43	0.30	0.28	0.16	0.17	0.43	0.00	0.5%
NC_1327	45	4528	6.75	6.73	0.45	6.92	3.79	5.68	6.01	5.97	5.77	5.78	3.74	4.09	6.01	-0.91	-13.2%
NC_1328	20	4429	0.97	0.94	0.11	0.95	0.94	0.85	0.95	0.92	0.60	0.59	0.34	0.38	0.95	0.00	-0.1%
NC_1329	20	4371	0.70	0.66	0.12	0.66	0.68	0.66	0.66	0.66	0.46	0.42	0.24	0.26	0.68	0.02	3.2%
NC_1330	25	4394	3.03	3.04	0.19	3.04	1.91	2.75	2.97	2.93	2.46	2.34	1.48	1.61	2.97	-0.08	-2.5%
NC_1331	20	4399	0.92	0.91	0.08	0.92	0.69	0.85	0.93	0.91	0.67	0.66	0.39	0.43	0.93	0.01	1.3%
NC_1332	20	4429	0.72	0.68	0.11	0.68	0.63	0.68	0.68	0.68	0.49	0.45	0.26	0.29	0.68	0.00	0.6%
NC_1333	30	4498	5.09	5.07	0.34	5.12	3.10	4.46	4.68	4.66	4.45	4.29	2.80	3.02	4.68	-0.44	-8.7%
NC_1334	30	4498	3.69	3.65	0.33	3.69	2.13	3.20	3.44	3.40	3.17	3.05	1.94	2.12	3.44	-0.25	-6.8%
NC_1335	20	4404	5.52	5.50	0.44	5.50	4.50	4.97	5.57	5.42	4.15	4.00	2.40	2.66	5.57	0.07	1.3%
NC_1336	20	4428	3.92	3.88	0.31	3.89	3.42	3.41	3.94	3.77	2.88	2.77	1.65	1.86	3.94	0.05	1.3%
NC_1337	20	4399	8.79	8.76	0.60	8.84	6.96	7.80	8.87	8.63	6.48	6.30	3.73	4.17	8.87	0.03	0.3%
NC_1338	20	4429	1.81	1.72	0.26	1.73	1.73	1.64	1.73	1.70	1.16	1.10	0.63	0.70	1.73	0.00	0.2%
NC_1339	20	4433	0.97	0.96	0.07	0.97	0.65	0.93	0.98	0.97	0.80	0.76	0.47	0.52	0.98	0.01	0.5%
NC_1340	20	4371	0.59	0.55	0.10	0.55	0.58	0.55	0.54	0.55	0.38	0.35	0.19	0.21	0.58	0.03	5.6%
NC_1341	20	4433	1.45	1.40	0.16	1.41	1.25	1.37	1.42	1.41	1.05	1.00	0.61	0.67	1.42	0.01	0.8%
NC_1342	20	4433	0.76	0.75	0.08	0.75	0.57	0.72	0.76	0.75	0.57	0.55	0.33	0.37	0.76	0.01	1.6%
NC_1343	20	4433	2.81	2.74	0.28	2.74	2.42	2.59	2.80	2.74	2.03	1.96	1.18	1.31	2.80	0.06	2.0%
NC_1344	20	4429	0.89	0.85	0.13	0.86	0.79	0.85	0.86	0.86	0.62	0.57	0.34	0.38	0.86	0.00	-0.5%
NC_1345	20	4429	0.48	0.46	0.07	0.47	0.41	0.46	0.47	0.47	0.33	0.30	0.18	0.20	0.47	0.00	-0.9%
NC_1346	20	4433	0.57	0.54	0.09	0.54	0.52	0.54	0.53	0.54	0.38	0.35	0.20	0.22	0.54	0.00	-0.7%
NC_1347	20	4433	3.04	2.89	0.38	2.92	2.66	2.78	2.98	2.92	2.06	1.96	1.13	1.27	2.98	0.06	2.1%
NC_1348	10	4357	0.58	0.59	0.06	0.59	0.59	0.54	0.53	0.53	0.37	0.34	0.19	0.20	0.59	0.00	0.5%
NC_1349	20	4429	1.81	1.72	0.24	1.74	1.77	1.63	1.74	1.71	1.15	1.09	0.63	0.70	1.77	0.03	1.6%
NC_1350	20	4428	9.74	9.61	0.91	9.65	8.43	8.23	9.78	9.26	6.73	6.55	3.73	4.22	9.78	0.13	1.4%
NC_1351	20	4429	1.25	1.17	0.19	1.18	1.24	1.13	1.18	1.17	0.78	0.74	0.42	0.47	1.24	0.06	5.3%
NC_1352	20	4371	0.73	0.68	0.13	0.68	0.74	0.68	0.67	0.67	0.46	0.43	0.24	0.26	0.74	0.06	9.3%
NC_1353	20	4371	0.63	0.58	0.11	0.58	0.63	0.58	0.57	0.58	0.40	0.37	0.20	0.23	0.63	0.05	8.3%
NC_1354	20	4429	1.84	1.76	0.24	1.77	1.78	1.66	1.77	1.74	1.17	1.12	0.65	0.72	1.78	0.01	0.5%
NC_1355	20	4429	1.20	1.12	0.18	1.13	1.20	1.08	1.13	1.12	0.75	0.71	0.40	0.44	1.20	0.07	5.9%
NC_1356	20	4399	10.19	10.10	0.90	10.20	8.63	8.52	10.24	9.71	7.15	6.97	3.98	4.49	10.24	0.04	0.4%
NC_1357	10	4364	0.41	0.42	0.05	0.42	0.42	0.37	0.35	0.36	0.25	0.23	0.12	0.13	0.42	0.00	-0.2%
NC_1358	20	4399	2.55	2.46	0.26	2.47	2.36	2.20	2.53	2.44	1.64	1.61	0.92	1.03	2.53	0.06	2.6%
NC_1359	10	4357	0.68	0.69	0.07	0.69	0.69	0.63	0.62	0.62	0.43	0.40	0.22	0.24	0.69	0.00	0.1%
NC_1360	20	4429	1.23	1.15	0.19	1.15	1.23	1.11	1.15	1.14	0.77	0.73	0.41	0.46	1.23	0.08	7.0%
NC_1361	60	4558	5.01	5.01	0.96	5.02	1.73	2.85	2.89	2.89	5.51	5.47	3.49	3.36	5.51	0.49	9.7%
NC_1362	20	4429	2.97	2.89	0.33	2.94	2.78	2.54	2.94	2.82	1.93	1.87	1.07	1.20	2.94	0.00	-0.1%
NC_1363	20	4429	2.46	2.36	0.32	2.38	2.39	2.19	2.38	2.33	1.58	1.51	0.87	0.97	2.39	0.01	0.3%
NC_1364	10	4364	1.03	1.04	0.09	1.04	1.04	0.92	0.95	0.94	0.63	0.60	0.34	0.37	1.04	0.00	0.4%
NC_1365	20	4399	6.59	6.47	0.65	6.48	6.03	5.52	6.60	6.24	4.36	4.26	2.41	2.73	6.60	0.11	1.8%
NC_1366	20	4429	4.03	3.93	0.45	3.99	3.77	3.45	3.99	3.82	2.61	2.54	1.45	1.63	3.99	0.00	-0.1%
NC_1367	20	4429	1.92	1.84	0.24	1.87	1.88	1.68	1.87	1.81	1.21	1.17	0.67	0.75	1.88	0.01	0.7%
NC_1368	25	4460	3.05	3.04	0.20	3.04	2.35	2.90	3.00	2.99	2.63	2.45	1.62	1.77	3.00	-0.04	-1.5%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_1369	10	4364	0.61	0.61	0.07	0.62	0.62	0.55	0.54	0.54	0.37	0.35	0.19	0.21	0.62	0.00	-0.5%
NC_1370	20	4429	1.39	1.32	0.20	1.33	1.36	1.26	1.33	1.31	0.88	0.84	0.48	0.53	1.36	0.03	2.6%
NC_1371	90	4395	30.34	30.65	2.69	30.88	7.69	15.88	15.96	15.97	30.88	31.35	26.86	26.31	31.35	0.47	1.5%
NC_1372	20	4429	1.46	1.39	0.20	1.40	1.43	1.31	1.40	1.37	0.94	0.89	0.51	0.56	1.43	0.03	2.0%
NC_1373	60	4558	24.52	24.39	0.92	24.39	5.51	13.44	13.51	13.52	24.56	25.04	20.98	21.07	25.04	0.65	2.7%
NC_1374	10	4357	0.41	0.41	0.05	0.42	0.42	0.37	0.36	0.36	0.25	0.23	0.13	0.14	0.42	0.00	-0.5%
NC_1375	20	4429	0.85	0.80	0.14	0.80	0.83	0.79	0.80	0.80	0.55	0.51	0.29	0.32	0.83	0.03	3.9%
NC_1376	20	4429	1.65	1.56	0.23	1.58	1.63	1.48	1.58	1.55	1.05	1.00	0.57	0.63	1.63	0.05	2.9%
NC_1377	20	4433	0.71	0.68	0.10	0.69	0.58	0.68	0.69	0.69	0.50	0.47	0.28	0.31	0.69	0.00	0.1%
NC_1378	20	4433	0.56	0.53	0.09	0.54	0.51	0.53	0.53	0.54	0.38	0.35	0.20	0.22	0.54	-0.01	-0.9%
NC_1379	20	4399	2.63	2.62	0.19	2.63	2.08	2.42	2.64	2.58	2.11	2.01	1.24	1.36	2.64	0.01	0.5%
NC_1380	20	4429	2.93	2.85	0.32	2.89	2.78	2.55	2.89	2.79	1.96	1.88	1.09	1.23	2.89	0.00	0.1%
NC_1381	20	4367	0.62	0.59	0.10	0.59	0.56	0.59	0.59	0.60	0.42	0.39	0.22	0.25	0.60	0.01	0.8%
NC_1382	20	4371	0.87	0.81	0.15	0.81	0.88	0.81	0.80	0.81	0.56	0.52	0.29	0.32	0.88	0.07	8.4%
NC_1383	20	4399	1.74	1.70	0.16	1.71	1.52	1.55	1.74	1.69	1.16	1.14	0.66	0.74	1.74	0.03	1.5%
NC_1384	20	4429	1.22	1.15	0.18	1.16	1.21	1.10	1.16	1.14	0.77	0.73	0.42	0.46	1.21	0.05	4.1%
NC_1385	10	4364	0.72	0.72	0.07	0.72	0.72	0.62	0.61	0.62	0.42	0.39	0.21	0.23	0.72	0.00	0.6%
NC_1386	60	4558	19.24	19.11	1.42	19.13	7.86	13.36	13.68	13.68	18.51	18.57	14.32	15.01	18.57	-0.56	-2.9%
NC_1387	20	4399	1.85	1.83	0.15	1.84	1.57	1.72	1.85	1.83	1.34	1.29	0.79	0.87	1.85	0.01	0.5%
NC_1388	30	4498	2.29	2.27	0.16	2.30	1.40	2.02	2.13	2.12	1.97	1.89	1.22	1.33	2.13	-0.17	-7.3%
NC_1389	20	4371	0.59	0.55	0.10	0.56	0.58	0.56	0.55	0.55	0.38	0.35	0.20	0.22	0.58	0.02	2.9%
NC_1390	20	4429	2.24	2.12	0.31	2.15	2.22	2.00	2.15	2.10	1.41	1.34	0.77	0.85	2.22	0.07	3.3%
NC_1391	20	4371	0.70	0.65	0.12	0.65	0.71	0.65	0.64	0.65	0.45	0.41	0.23	0.25	0.71	0.05	8.5%
NC_1392	20	4429	1.05	0.98	0.17	0.98	1.06	0.95	0.98	0.97	0.66	0.62	0.35	0.39	1.06	0.08	8.3%
NC_1393	60	4558	26.93	26.72	2.06	26.75	12.20	19.64	20.24	20.23	26.00	25.99	20.04	20.97	26.00	-0.75	-2.8%
NC_1394	45	4528	7.06	7.03	0.43	7.26	4.31	6.00	6.47	6.42	6.55	6.43	4.67	4.96	6.55	-0.71	-9.8%
NC_1395	45	4528	7.04	7.00	0.50	7.19	4.54	6.12	6.66	6.58	6.62	6.35	4.57	4.82	6.66	-0.53	-7.3%
NC_1396	20	4428	1.62	1.62	0.10	1.62	1.15	1.48	1.64	1.61	1.24	1.20	0.72	0.80	1.64	0.02	1.2%
NC_1397	10	4364	0.76	0.77	0.08	0.78	0.78	0.69	0.68	0.69	0.47	0.44	0.24	0.26	0.78	0.00	-0.5%
NC_1398	20	4404	1.86	1.84	0.15	1.84	1.63	1.63	1.87	1.81	1.20	1.18	0.68	0.76	1.87	0.02	1.4%
NC_1399	10	4364	0.67	0.67	0.07	0.68	0.68	0.61	0.60	0.60	0.41	0.38	0.21	0.23	0.68	0.00	-0.1%
NC_1400	20	4371	0.64	0.59	0.11	0.60	0.64	0.60	0.59	0.59	0.41	0.38	0.21	0.23	0.64	0.04	6.2%
NC_1401	10	4357	0.95	0.96	0.05	0.96	0.96	0.78	0.87	0.85	0.55	0.53	0.30	0.33	0.96	0.00	0.2%
NC_1402	10	4365	0.04	0.04	0.00	0.05	0.04	0.04	0.03	0.04	0.02	0.02	0.01	0.01	0.04	-0.01	-14.0%
NC_1403	20	4433	1.01	0.97	0.11	0.98	0.89	0.94	0.99	0.98	0.68	0.66	0.39	0.43	0.99	0.01	0.7%
NC_1404	20	4429	1.58	1.53	0.17	1.54	1.51	1.42	1.54	1.51	1.05	1.00	0.59	0.67	1.54	0.00	0.3%
NC_1405	20	4429	2.02	2.02	0.09	2.02	1.43	1.90	2.02	2.01	1.41	1.36	0.83	0.92	2.02	0.00	0.0%
NC_1406	10	4354	0.05	0.05	0.00	0.05	0.05	0.05	0.04	0.04	0.03	0.03	0.01	0.01	0.05	0.00	-4.0%
NC_1407	20	4371	0.22	0.21	0.04	0.21	0.22	0.21	0.20	0.20	0.14	0.13	0.07	0.08	0.22	0.01	4.8%
NC_1408	20	4429	1.68	1.60	0.23	1.61	1.64	1.51	1.61	1.58	1.07	1.02	0.59	0.65	1.64	0.03	1.7%
NC_1409	20	4433	0.90	0.84	0.15	0.84	0.89	0.84	0.83	0.84	0.58	0.54	0.30	0.33	0.89	0.05	5.7%
NC_1410	10	4364	0.69	0.70	0.07	0.70	0.70	0.62	0.60	0.61	0.42	0.39	0.21	0.23	0.70	0.00	0.4%
NC_1411	10	4364	1.43	1.44	0.14	1.45	1.45	1.29	1.30	1.30	0.89	0.83	0.47	0.51	1.45	0.00	-0.2%
NC_1412	20	4428	1.72	1.69	0.14	1.71	1.50	1.46	1.73	1.67	1.12	1.10	0.62	0.70	1.73	0.02	1.3%
NC_1413	10	4364	0.31	0.31	0.03	0.31	0.31	0.27	0.26	0.26	0.18	0.17	0.09	0.10	0.31	0.00	-0.3%
NC_1414	10	4364	0.74	0.74	0.08	0.75	0.75	0.64	0.62	0.63	0.43	0.40	0.22	0.24	0.75	0.00	-0.1%
NC_1415	20	4429	3.93	3.94	0.23	3.96	3.17	3.46	3.96	3.88	2.70	2.63	1.56	1.77	3.96	0.00	0.1%
NC_1416	20	4429	1.86	1.80	0.19	1.83	1.80	1.63	1.83	1.77	1.23	1.18	0.69	0.79	1.83	-0.01	-0.3%
NC_1417	20	4428	2.80	2.79	0.19	2.82	2.41	2.46	2.83	2.75	1.90	1.85	1.09	1.25	2.83	0.01	0.2%
NC_1418	10	4364	0.77	0.76	0.07	0.77	0.77	0.65	0.62	0.65	0.43	0.40	0.22	0.24	0.77	0.00	-0.4%
NC_1419	25	4461	3.95	3.92	0.25	3.94	2.92	3.49	3.91	3.87	2.79	2.77	1.67	1.89	3.91	-0.03	-0.8%
NC_1420	20	4429	7.98	7.99	0.44	8.03	6.29	7.11	8.03	7.87	5.61	5.45	3.29	3.69	8.03	0.00	0.0%
NC_1421	60	4558	46.35	45.61	1.89	45.65	19.55	31.71	32.20	32.23	43.44	43.39	38.16	37.22	43.44	-2.21	-4.8%
NC_1422	10	4364	1.55	1.55	0.13	1.56	1.56	1.28	1.28	1.29	0.83	0.79	0.44	0.48	1.56	0.00	0.0%
NC_1423	15	4401	4.82	4.63	0.51	4.65	4.77	4.09	4.69	4.50	3.04	2.94	1.68	1.88	4.77	0.12	2.6%
NC_1424	20	4367	0.52	0.49	0.08	0.49	0.46	0.49	0.49	0.49	0.34	0.32	0.18	0.20	0.49	0.00	0.0%
NC_1425	60	4558	33.76	33.34	1.78	33.36	14.04	22.93	23.46	23.46	32.27	32.10	26.92	26.77	32.27	-1.09	-3.3%
NC_1426	20	4367	1.91	1.83	0.24	1.85	1.83	1.70	1.86	1.82	1.21	1.17	0.68	0.75	1.86	0.01	0.8%
NC_1427	10	4364	3.73	3.75	0.16	3.76	3.76	3.01	3.43	3.30	2.15	2.08	1.19	1.32	3.76	0.00	0.0%
NC_1428	10	4364	1.88	1.89	0.15	1.90	1.90	1.53	1.58	1.56	1.01	0.97	0.55	0.59	1.90	0.00	0.1%
NC_1429	10	4364	1.43	1.43	0.13	1.44	1.44	1.21	1.19	1.21	0.80	0.75	0.41	0.45	1.44	0.00	0.1%
NC_1430	10	4364	1.51	1.52	0.15	1.53	1.53	1.30	1.31	1.31	0.88	0.82	0.46	0.50	1.53	0.00	0.0%
NC_1431	10	4364	1.73	1.73	0.14	1.75	1.75	1.42	1.45	1.43	0.94	0.90	0.50	0.55	1.75	0.00	-0.3%
NC_1432	10	4364	2.54	2.55	0.15	2.56	2.56	2.15	2.36	2.30	1.51	1.45	0.83	0.92	2.56	0.00	0.1%
NC_1433	15	4401	9.15	9.00	0.68	9.10	8.73	7.32	8.87	8.40	5.55	5.48	3.08	3.46	8.87	-0.23	-2.5%
NC_1434	15	4401	15.16	15.05	0.94	15.17	13.71	12.41	15.09	14.44	9.81	9.68	5.47	6.19	15.09	-0.08	-0.6%
NC_1435	20	4428	3.17	3.15	0.23	3.20	2.71	2.74	3.20	3.10	2.08	2.05	1.17	1.33	3.20	0.00	0.0%
NC_1436	20	4433	0.84	0.79	0.13	0.79	0.79	0.79	0.79	0.79	0.56	0.52	0.29	0.33	0.79	0.00	0.5%
NC_1437	10	4364	0.71	0.72	0.08	0.72	0.72	0.63	0.62	0.63	0.43	0.40	0.22	0.24	0.72	0.00	0.4%
NC_1438	10	4364	1.55	1.56	0.15	1.57	1.57	1.35	1.36	1.36	0.92	0.86	0.48	0.52	1.57	0.00	0.3%
NC_1439	20	4433	0.48	0.46	0.07	0.47	0.39	0.46	0.47	0.47	0.33	0.31	0.18	0.21	0.47	0.00	-0.6%
NC_1440	10	4364	2.20	2.21	0.13	2.22	2.22	1.88	2.06	2.01	1.33	1.27	0.73	0.81	2.22	0.00	-0.2%
NC_1441	10	4357	0.68	0.68	0.07	0.69	0.69	0.59	0.58	0.58	0.40	0.37	0.20	0.22	0.69	0.00	-0.1%
NC_1442	10	4364	1.23	1.24	0.11	1.25	1.25	1.09	1.12	1.11	0.74	0.70	0.39	0.43	1.25	0.00	0.2%
NC_1443	20	4429	13.61	13.62	1.14	13.66	11.67	11.24	13.66	13.05	9.13	9.01	5.12	5.81	13.66	0.00	0.0%
NC_1444	10	4364	0.66	0.66	0.07	0.67	0.67	0.58	0.56	0.57	0.39	0.36	0.20	0.21	0.67	0.00	-0.1%

ARR2019 Results for 1%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_1445	10	4364	0.71	0.72	0.08	0.72	0.72	0.63	0.62	0.62	0.43	0.40	0.22	0.24	0.72	0.00	0.3%
NC_1446	20	4429	6.38	6.36	0.49	6.41	5.40	5.39	6.41	6.15	4.62	4.49	2.65	2.95	6.41	0.00	-0.1%
NC_1447	10	4364	0.65	0.65	0.07	0.66	0.66	0.58	0.56	0.57	0.39	0.36	0.20	0.21	0.66	0.00	-0.5%
NC_1448	60	4558	39.07	38.30	2.27	38.45	13.35	24.66	25.24	25.21	36.12	38.69	27.95	29.47	38.69	0.24	0.6%
NC_1449	10	4364	1.95	1.97	0.15	1.98	1.98	1.69	1.78	1.76	1.16	1.10	0.63	0.69	1.98	0.00	-0.2%
NC_1450	10	4364	0.83	0.83	0.08	0.84	0.84	0.72	0.71	0.71	0.49	0.45	0.25	0.27	0.84	0.00	-0.2%
NC_1451	10	4364	0.82	0.83	0.09	0.83	0.83	0.75	0.74	0.74	0.51	0.47	0.26	0.29	0.83	0.00	0.2%
NC_1452	10	4364	0.75	0.75	0.08	0.76	0.76	0.68	0.67	0.68	0.46	0.43	0.24	0.26	0.76	0.00	-0.3%
NC_1453	10	4357	0.69	0.70	0.07	0.70	0.70	0.62	0.60	0.61	0.42	0.39	0.21	0.23	0.70	0.00	0.1%
NC_1454	10	4364	1.98	1.99	0.15	2.01	2.01	1.73	1.84	1.81	1.19	1.13	0.65	0.71	2.01	0.00	-0.2%
NC_1455	25	4464	2.08	2.07	0.12	2.08	1.27	1.91	1.99	1.98	1.84	1.71	1.13	1.21	1.99	-0.09	-4.4%
NC_1456	20	4371	0.59	0.55	0.10	0.55	0.56	0.55	0.55	0.55	0.38	0.35	0.20	0.22	0.56	0.01	2.4%
NC_1457	20	4433	0.70	0.68	0.08	0.69	0.50	0.67	0.70	0.69	0.53	0.51	0.31	0.34	0.70	0.01	1.0%
NC_1458	10	4364	1.34	1.35	0.13	1.36	1.36	1.23	1.24	1.24	0.85	0.79	0.44	0.49	1.36	0.00	0.1%
NC_1459	20	4433	0.52	0.50	0.08	0.50	0.43	0.49	0.50	0.50	0.36	0.33	0.19	0.22	0.50	0.00	0.4%
NC_1460	25	4394	1.70	1.70	0.11	1.71	1.11	1.55	1.65	1.64	1.41	1.34	0.84	0.92	1.65	-0.06	-3.5%
NC_1461	25	4460	2.17	2.16	0.17	2.17	1.66	2.04	2.16	2.14	1.77	1.68	1.05	1.15	2.16	-0.01	-0.4%
NC_1462	20	4399	2.44	2.43	0.16	2.43	1.94	2.28	2.45	2.41	1.98	1.89	1.18	1.31	2.45	0.02	0.7%
NC_1463	20	4399	6.96	6.81	0.58	6.83	5.99	6.40	6.91	6.75	5.13	4.87	3.04	3.36	6.91	0.08	1.1%
NC_1464	10	4364	0.65	0.66	0.07	0.66	0.66	0.60	0.59	0.59	0.41	0.38	0.21	0.23	0.66	0.00	0.6%
NC_1465	20	4429	11.20	11.20	0.81	11.30	9.05	9.55	11.30	10.87	8.27	8.03	4.78	5.41	11.30	0.00	0.0%
NC_1466	10	4357	0.68	0.69	0.07	0.70	0.70	0.62	0.60	0.61	0.42	0.39	0.21	0.23	0.70	0.00	-0.6%
NC_1467	10	4357	0.62	0.63	0.07	0.63	0.63	0.57	0.55	0.56	0.39	0.36	0.20	0.21	0.63	0.00	0.2%
NC_1468	10	4357	0.66	0.67	0.07	0.67	0.67	0.61	0.60	0.60	0.41	0.38	0.21	0.23	0.67	0.00	0.6%
NC_1469	10	4364	1.53	1.55	0.12	1.55	1.55	1.35	1.42	1.40	0.93	0.88	0.50	0.55	1.55	0.00	0.3%
NC_1470	10	4357	0.68	0.68	0.07	0.69	0.69	0.61	0.60	0.61	0.42	0.39	0.21	0.23	0.69	0.00	-0.3%
NC_1471	10	4364	1.62	1.63	0.13	1.64	1.64	1.43	1.51	1.49	0.99	0.94	0.53	0.59	1.64	0.00	-0.1%
NC_1472	10	4364	0.62	0.62	0.07	0.63	0.63	0.56	0.55	0.55	0.38	0.35	0.19	0.21	0.63	0.00	0.0%
NC_1473	10	4357	0.64	0.65	0.07	0.65	0.65	0.57	0.56	0.57	0.39	0.36	0.20	0.21	0.65	0.00	0.5%
NC_1474	10	4364	0.68	0.68	0.07	0.69	0.69	0.60	0.58	0.59	0.40	0.38	0.20	0.22	0.69	0.00	-0.6%
NC_1475	20	4433	1.06	0.98	0.17	0.98	1.07	0.98	0.98	0.98	0.68	0.63	0.35	0.39	1.07	0.09	8.8%
NC_1476	10	4357	0.43	0.42	0.04	0.43	0.43	0.37	0.35	0.36	0.25	0.23	0.12	0.13	0.43	0.00	-0.7%
NC_1477	20	4429	1.21	1.13	0.18	1.14	1.21	1.08	1.14	1.12	0.75	0.71	0.40	0.45	1.21	0.07	6.0%
NC_1478	720	4785	16.36	15.41	3.32	15.95	6.73	9.93	9.95	9.96	15.06	15.58	16.36	14.44	16.36	0.41	2.6%
NC_1479	25	4460	1.49	1.49	0.13	1.49	0.94	1.42	1.48	1.46	1.33	1.24	0.83	0.88	1.48	-0.01	-0.8%
NC_1480	30	4498	4.16	4.10	0.40	4.13	2.10	3.59	3.87	3.80	3.74	3.54	2.30	2.49	3.87	-0.26	-6.2%
NC_1481	45	4528	4.93	4.87	0.46	5.05	2.42	4.19	4.51	4.43	4.38	4.23	2.71	2.96	4.51	-0.54	-10.7%
NC_1482	25	4394	14.25	14.47	0.91	14.55	8.60	12.38	13.63	13.37	11.57	11.54	7.04	7.85	13.63	-0.92	-6.3%
NC_1483	25	4461	2.72	2.77	0.25	2.78	1.73	2.35	2.71	2.61	2.15	2.08	1.23	1.38	2.71	-0.07	-2.7%
NC_1484	20	4433	0.69	0.67	0.08	0.68	0.48	0.65	0.69	0.68	0.52	0.50	0.31	0.34	0.69	0.01	0.7%
NC_1485	20	4433	1.12	1.08	0.15	1.09	0.94	1.07	1.09	1.09	0.81	0.76	0.46	0.51	1.09	0.00	-0.1%
NC_1486	20	4433	0.67	0.65	0.07	0.66	0.46	0.63	0.67	0.66	0.51	0.49	0.30	0.33	0.67	0.01	0.9%
NC_1487	25	4461	5.68	5.60	0.31	5.63	3.85	4.92	5.48	5.41	4.05	4.16	2.46	2.77	5.48	-0.15	-2.7%
NC_1488	25	4394	3.37	3.39	0.16	3.40	2.28	3.08	3.27	3.26	2.76	2.64	1.70	1.85	3.27	-0.13	-3.9%
NC_1489	60	4558	19.70	19.53	1.61	19.54	5.40	12.69	12.84	12.83	18.85	19.14	14.12	14.87	19.14	-0.40	-2.1%
NC_1490	20	4433	0.94	0.92	0.09	0.92	0.64	0.89	0.93	0.92	0.75	0.71	0.45	0.49	0.93	0.01	1.4%
NC_1491	20	4399	4.86	4.85	0.45	4.86	4.35	4.03	4.87	4.61	3.26	3.18	1.81	2.04	4.87	0.01	0.1%
NC_1492	15	4401	14.25	14.27	0.75	14.40	12.98	11.15	13.98	13.34	8.72	8.63	4.85	5.47	13.98	-0.42	-2.9%
NC_1493	25	4394	20.90	21.16	1.29	21.29	15.21	18.56	20.50	20.12	22.64	21.45	16.30	16.68	22.64	1.35	6.3%
NC_1494	20	4429	1.64	1.54	0.24	1.55	1.65	1.47	1.55	1.53	1.02	0.96	0.55	0.61	1.65	0.10	6.4%
NC_1495	10	4364	1.39	1.39	0.13	1.40	1.40	1.18	1.15	1.18	0.78	0.73	0.40	0.44	1.40	0.00	0.1%
NC_1496	10	4364	1.81	1.82	0.14	1.83	1.83	1.58	1.67	1.65	1.09	1.03	0.59	0.65	1.83	0.00	0.2%
NC_1497	15	4401	2.79	2.65	0.32	2.66	2.79	2.39	2.68	2.60	1.69	1.65	0.95	1.05	2.79	0.13	5.0%
NC_1498	20	4371	0.47	0.44	0.08	0.45	0.45	0.45	0.44	0.44	0.31	0.29	0.16	0.18	0.45	-0.01	-1.1%
NC_1499	20	4371	0.59	0.55	0.11	0.55	0.60	0.55	0.54	0.54	0.37	0.35	0.19	0.21	0.60	0.05	8.9%
NC_1500	20	4399	4.60	4.47	0.47	4.50	4.10	3.97	4.60	4.40	3.10	3.02	1.73	1.94	4.60	0.10	2.1%
NC_1501	120	4499	34.55	34.23	4.36	35.15	15.48	22.37	23.66	23.46	34.48	35.15	32.90	31.28	35.15	0.00	0.0%
NC_1502	10	4357	0.54	0.54	0.06	0.54	0.54	0.47	0.45	0.46	0.32	0.29	0.16	0.17	0.54	0.00	0.4%
NC_1503	20	4429	2.69	2.58	0.33	2.62	2.59	2.37	2.62	2.55	1.71	1.65	0.95	1.06	2.62	0.00	0.0%
NC_1504	20	4371	0.48	0.45	0.09	0.45	0.48	0.45	0.44	0.44	0.31	0.28	0.16	0.17	0.48	0.03	5.8%
NC_1505	10	4357	0.29	0.28	0.03	0.29	0.29	0.25	0.24	0.24	0.17	0.15	0.08	0.09	0.29	0.00	-1.0%
NC_1506	20	4429	2.09	1.98	0.28	2.00	2.07	1.86	2.00	1.96	1.33	1.26	0.73	0.81	2.07	0.07	3.5%
NC_1507	20	4429	2.19	2.08	0.29	2.10	2.15	1.96	2.10	2.07	1.38	1.32	0.76	0.85	2.15	0.05	2.3%
NC_1508	20	4433	0.93	0.86	0.15	0.86	0.92	0.86	0.86	0.86	0.60	0.55	0.31	0.34	0.92	0.06	7.2%
NC_1509	20	4429	1.47	1.39	0.22	1.39	1.42	1.37	1.39	1.39	0.97	0.90	0.52	0.58	1.42	0.03	2.0%
NC_1510	20	4367	3.75	3.66	0.39	3.69	3.45	3.20	3.73	3.57	2.50	2.42	1.39	1.56	3.73	0.04	1.0%
NC_1511	10	4364	0.80	0.81	0.09	0.82	0.82	0.73	0.72	0.72	0.50	0.46	0.25	0.28	0.82	0.00	-0.2%
NC_1512	20	4429	1.54	1.45	0.22	1.46	1.56	1.38	1.46	1.44	0.96	0.91	0.52	0.58	1.56	0.10	6.5%
NC_1513	20	4429	1.86	1.78	0.24	1.80	1.78	1.68	1.80	1.77	1.20	1.14	0.66	0.74	1.80	0.00	-0.1%
NC_1514	20	4433	0.95	0.89	0.15	0.89	0.93	0.89	0.89	0.89	0.62	0.57	0.32	0.36	0.93	0.04	4.7%
NC_1515	20	4433	0.99	0.92	0.16	0.92	0.99	0.92	0.92	0.92	0.64	0.59	0.33	0.37	0.99	0.07	7.4%
NC_1516	20	4433	1.26	1.17	0.20	1.17	1.26	1.16	1.17	1.17	0.81	0.75	0.43	0.47	1.26	0.09	7.8%
NC_1517	20	4429	1.84	1.75	0.25	1.77	1.83	1.65	1.77	1.73	1.17	1.11	0.64	0.71	1.83	0.06	3.3%
NC_1518	20	4371	0.65	0.61	0.11	0.61	0.64	0.61	0.60	0.61	0.42	0.39	0.22	0.24	0.64	0.03	4.9%
NC_1519	20	4429	1.28	1.22	0.18	1.23	1.23	1.17	1.23	1.21	0.83	0.78	0.45	0.50	1.23	0.00	0.2%
NC_1520	45	4528	8.43	8.36	0.63	8.74	3.73	7.04	7.41	7.37	7.29	7.21	4.63	5.11	7.41	-1.33	-15.2%

ARR2019 Results for 1%AEP Event																	
Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)								Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min	360 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653	4529		m^3/s	%
NC_1521	20	4429	3.13	3.00	0.39	3.04	2.99	2.79	3.04	2.97	2.05	1.95	1.13	1.26	3.04	0.00	0.1%
NC_1522	20	4429	4.59	4.41	0.54	4.48	4.45	3.96	4.48	4.33	2.96	2.84	1.63	1.82	4.48	0.00	0.0%
NC_1523	20	4367	3.92	3.85	0.40	3.88	3.61	3.35	3.90	3.70	2.63	2.55	1.46	1.65	3.90	0.02	0.5%
NC_1524	20	4429	1.63	1.52	0.25	1.52	1.63	1.50	1.52	1.52	1.05	0.98	0.56	0.62	1.63	0.11	7.4%
NC_1525	30	4498	8.57	8.42	0.84	8.55	4.10	7.49	7.96	7.89	7.44	7.09	4.52	4.99	7.96	-0.59	-6.9%
NC_1526	25	4466	4.44	4.44	0.15	4.45	3.59	4.15	4.40	4.36	3.46	3.45	2.16	2.39	4.40	-0.05	-1.2%
NC_1527	10	4364	1.05	1.06	0.09	1.07	1.07	0.88	0.92	0.90	0.60	0.57	0.32	0.35	1.07	0.00	-0.3%
NC_1528	10	4364	0.72	0.72	0.07	0.73	0.73	0.62	0.61	0.61	0.42	0.39	0.21	0.23	0.73	0.00	-0.3%
NC_1529	20	4371	0.50	0.46	0.09	0.46	0.51	0.46	0.45	0.46	0.31	0.29	0.16	0.17	0.51	0.05	10.2%
NC_1530	45	4528	29.85	29.87	2.15	31.01	8.21	21.90	22.82	22.73	25.74	26.93	16.53	18.69	26.93	-4.08	-13.2%
NC_1531	20	4371	0.45	0.41	0.08	0.42	0.45	0.42	0.40	0.41	0.28	0.26	0.14	0.16	0.45	0.03	8.1%
NC_1532	720	4787	17.48	14.70	7.07	14.76	7.93	10.71	10.79	10.79	16.57	15.29	14.87	14.08	16.57	1.81	12.2%
NC_1533	720	4785	17.20	14.86	5.90	15.34	6.94	10.16	10.20	10.21	15.76	15.80	16.00	14.40	16.00	0.66	4.3%
NC_1534	25	4466	4.79	4.84	0.27	4.86	3.15	4.22	4.64	4.57	3.72	3.64	2.25	2.48	4.64	-0.22	-4.6%
NC_1535	20	4429	6.56	6.54	0.49	6.60	5.46	5.64	6.60	6.35	4.59	4.47	2.61	2.91	6.60	0.00	-0.1%
NC_1536	10	4357	0.67	0.67	0.07	0.68	0.68	0.60	0.59	0.59	0.41	0.38	0.21	0.23	0.68	0.00	-0.4%
NC_1537	25	4466	3.12	3.16	0.22	3.17	2.18	2.72	3.08	3.02	2.33	2.28	1.37	1.52	3.08	-0.09	-2.7%
NC_1538	10	4364	1.47	1.48	0.14	1.49	1.49	1.24	1.23	1.24	0.83	0.78	0.43	0.47	1.49	0.00	-0.2%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_1	180	4599	229.16	229.83	17.16	236.34	71.02	124.32	124.82	124.89	215.04	220.49	239.30	239.30	2.96	1.3%
NC_2	25	4464	1.09	1.09	0.08	1.09	0.64	1.01	1.07	1.06	0.92	0.87	0.55	1.07	-0.02	-1.9%
NC_3	20	4429	0.56	0.54	0.08	0.54	0.49	0.53	0.54	0.54	0.38	0.35	0.20	0.54	0.00	-0.2%
NC_4	45	4528	1.42	1.40	0.13	1.44	0.66	1.20	1.25	1.24	1.26	1.19	0.77	1.26	-0.18	-12.8%
NC_5	20	4404	7.89	7.73	0.77	7.75	7.29	6.70	7.86	7.48	5.32	5.16	2.94	7.86	0.11	1.4%
NC_6	10	4364	1.70	1.71	0.13	1.72	1.72	1.51	1.59	1.57	1.05	1.00	0.57	1.72	0.00	0.0%
NC_7	20	4433	1.39	1.29	0.22	1.29	1.40	1.28	1.29	1.29	0.89	0.83	0.47	1.40	0.11	8.1%
NC_8	20	4433	0.79	0.77	0.09	0.77	0.57	0.75	0.78	0.77	0.59	0.57	0.34	0.78	0.01	1.7%
NC_9	20	4399	2.39	2.36	0.21	2.37	2.08	2.18	2.39	2.35	1.57	1.54	0.90	2.39	0.01	0.6%
NC_10	45	4534	7.64	7.59	0.39	7.66	3.96	6.13	6.41	6.39	6.32	6.57	4.32	6.57	-1.09	-14.3%
NC_11	20	4429	4.63	4.51	0.48	4.57	4.36	4.03	4.57	4.41	3.11	2.99	1.72	4.57	0.00	0.1%
NC_12	20	4433	0.96	0.91	0.15	0.91	0.91	0.90	0.91	0.91	0.64	0.59	0.34	0.91	0.00	0.0%
NC_13	20	4433	0.64	0.61	0.09	0.62	0.51	0.61	0.62	0.62	0.45	0.42	0.25	0.62	0.00	0.6%
NC_14	20	4429	1.90	1.79	0.27	1.81	1.90	1.69	1.81	1.77	1.19	1.13	0.65	1.90	0.09	4.7%
NC_15	30	4498	1.98	1.96	0.17	1.98	0.99	1.68	1.79	1.77	1.71	1.63	1.03	1.79	-0.19	-9.5%
NC_16	20	4371	0.80	0.75	0.14	0.75	0.80	0.75	0.74	0.75	0.52	0.48	0.27	0.80	0.05	6.0%
NC_17	20	4433	0.62	0.60	0.08	0.61	0.48	0.59	0.62	0.61	0.44	0.42	0.25	0.62	0.01	0.8%
NC_18	20	4433	2.08	1.99	0.23	2.00	1.89	1.91	2.03	2.00	1.43	1.37	0.81	2.03	0.03	1.7%
NC_19	25	4464	1.03	1.02	0.09	1.03	0.63	0.96	1.02	1.00	0.85	0.81	0.50	1.02	-0.02	-1.5%
NC_20	20	4433	0.61	0.60	0.07	0.60	0.45	0.58	0.61	0.60	0.44	0.43	0.25	0.61	0.01	1.2%
NC_21	45	4534	9.33	9.30	0.48	9.39	4.78	7.46	7.71	7.71	7.84	8.00	5.35	8.00	-1.39	-14.8%
NC_22	20	4429	0.76	0.72	0.11	0.73	0.67	0.72	0.73	0.73	0.52	0.48	0.28	0.73	0.00	-0.5%
NC_23	45	4528	3.42	3.39	0.29	3.51	1.65	2.85	3.02	2.98	2.97	2.89	1.84	3.02	-0.50	-14.1%
NC_24	20	4399	1.69	1.67	0.12	1.68	1.18	1.57	1.70	1.67	1.31	1.25	0.76	1.70	0.02	1.1%
NC_25	20	4433	1.11	1.02	0.18	1.03	1.11	1.02	1.02	1.03	0.71	0.66	0.37	1.11	0.08	7.5%
NC_26	20	4433	0.68	0.65	0.09	0.66	0.57	0.64	0.66	0.66	0.47	0.44	0.26	0.66	0.00	-0.6%
NC_27	10	4364	0.99	1.00	0.10	1.01	1.01	0.87	0.86	0.86	0.59	0.55	0.30	1.01	0.00	-0.4%
NC_28	20	4433	1.31	1.26	0.15	1.27	1.13	1.24	1.28	1.27	0.93	0.89	0.53	1.28	0.01	0.9%
NC_29	20	4433	1.28	1.19	0.21	1.19	1.29	1.19	1.19	1.19	0.82	0.76	0.43	1.29	0.10	8.4%
NC_30	45	4534	12.70	12.81	0.68	13.03	5.21	9.16	9.37	9.36	11.86	11.80	8.33	11.86	-1.17	-8.9%
NC_31	20	4433	0.62	0.60	0.09	0.61	0.49	0.59	0.61	0.61	0.44	0.42	0.25	0.61	0.00	0.7%
NC_32	20	4399	2.18	2.16	0.17	2.16	1.44	2.04	2.20	2.15	1.75	1.67	1.02	2.20	0.04	1.8%
NC_33	20	4433	0.65	0.63	0.09	0.64	0.51	0.62	0.64	0.64	0.46	0.44	0.26	0.64	0.00	0.3%
NC_34	45	4528	17.71	17.88	1.18	18.24	7.60	13.34	13.72	13.67	16.42	16.22	11.22	16.42	-1.82	-10.0%
NC_35	20	4433	1.00	0.97	0.13	0.98	0.84	0.96	0.98	0.98	0.72	0.67	0.40	0.98	0.00	-0.1%
NC_36	25	4461	3.91	3.97	0.38	4.03	2.71	3.50	3.93	3.81	3.15	3.00	1.82	3.93	-0.10	-2.5%
NC_37	20	4371	0.82	0.76	0.14	0.76	0.80	0.76	0.76	0.76	0.53	0.49	0.28	0.80	0.04	5.4%
NC_38	10	4364	1.00	1.01	0.10	1.02	1.02	0.89	0.88	0.89	0.61	0.56	0.31	1.02	0.00	0.0%
NC_39	20	4433	0.78	0.75	0.11	0.76	0.66	0.74	0.76	0.76	0.55	0.51	0.30	0.76	0.00	-0.5%
NC_40	45	4528	17.69	17.82	1.02	18.23	7.45	13.12	13.50	13.45	16.29	16.29	11.43	16.29	-1.94	-10.6%
NC_41	20	4433	1.48	1.42	0.16	1.43	1.34	1.36	1.44	1.43	0.97	0.93	0.54	1.44	0.01	0.8%
NC_42	20	4399	1.22	1.20	0.11	1.20	0.96	1.11	1.22	1.20	0.88	0.85	0.50	1.22	0.02	1.8%
NC_43	20	4429	1.64	1.56	0.22	1.58	1.57	1.48	1.58	1.55	1.05	1.00	0.58	1.58	0.00	-0.2%
NC_44	20	4371	0.81	0.75	0.14	0.76	0.82	0.76	0.75	0.75	0.52	0.48	0.27	0.82	0.05	7.2%
NC_45	20	4433	1.06	0.98	0.18	0.98	1.07	0.98	0.98	0.98	0.68	0.63	0.35	1.07	0.09	9.6%
NC_46	20	4433	0.70	0.68	0.10	0.69	0.55	0.67	0.69	0.69	0.50	0.48	0.29	0.69	0.00	0.4%
NC_47	10	4364	2.14	2.15	0.15	2.16	2.16	1.88	2.00	1.97	1.30	1.24	0.71	2.16	0.00	0.2%
NC_48	20	4433	2.24	2.15	0.24	2.15	2.09	2.02	2.19	2.15	1.45	1.40	0.81	2.19	0.04	2.0%
NC_49	60	4558	17.98	17.58	1.09	17.59	8.09	10.83	10.90	10.90	16.80	16.05	14.57	16.80	-0.79	-4.5%
NC_50	20	4433	0.72	0.70	0.09	0.71	0.54	0.69	0.72	0.71	0.52	0.51	0.30	0.72	0.01	0.7%
NC_51	20	4367	2.49	2.39	0.29	2.41	2.35	2.19	2.45	2.37	1.61	1.55	0.89	2.45	0.03	1.5%
NC_52	20	4433	2.15	2.12	0.20	2.12	1.71	2.03	2.14	2.12	1.64	1.57	0.97	2.14	0.02	1.1%
NC_53	20	4399	3.38	3.35	0.28	3.36	2.46	3.09	3.41	3.31	2.65	2.53	1.53	3.41	0.05	1.6%
NC_54	20	4429	1.55	1.47	0.22	1.48	1.52	1.41	1.48	1.46	0.99	0.93	0.53	1.52	0.04	2.6%
NC_55	20	4433	0.76	0.72	0.12	0.72	0.73	0.72	0.72	0.72	0.50	0.46	0.26	0.73	0.01	1.4%
NC_56	10	4364	0.85	0.86	0.09	0.86	0.86	0.78	0.77	0.77	0.53	0.49	0.27	0.86	0.00	0.2%
NC_57	20	4433	1.17	1.11	0.18	1.11	1.11	1.10	1.11	1.11	0.78	0.72	0.41	1.11	0.00	0.2%
NC_58	60	4558	17.76	17.40	0.99	17.42	8.06	10.81	10.89	10.89	16.63	15.88	14.61	16.63	-0.79	-4.5%
NC_59	20	4433	1.20	1.11	0.19	1.11	1.20	1.11	1.11	1.11	0.77	0.71	0.40	1.20	0.09	7.7%
NC_60	20	4371	0.83	0.77	0.14	0.77	0.84	0.77	0.76	0.77	0.53	0.49	0.27	0.84	0.07	9.2%
NC_61	20	4367	0.93	0.89	0.13	0.89	0.84	0.88	0.89	0.89	0.63	0.58	0.34	0.89	0.00	-0.2%
NC_62	20	4428	9.56	9.51	0.52	9.57	8.05	8.81	9.59	9.46	6.97	6.73	4.16	9.59	0.02	0.2%
NC_63	10	4364	0.89	0.90	0.09	0.90	0.90	0.81	0.80	0.81	0.56	0.52	0.28	0.90	0.00	0.2%
NC_64	20	4428	2.57	2.57	0.16	2.59	1.92	2.32	2.60	2.54	1.91	1.84	1.10	2.60	0.01	0.4%
NC_65	10	4364	1.26	1.27	0.13	1.28	1.28	1.10	1.10	1.11	0.75	0.70	0.39	1.28	0.00	0.2%
NC_66	10	4364	0.94	0.94	0.10	0.95	0.95	0.84	0.83	0.84	0.58	0.54	0.29	0.95	0.00	0.1%
NC_67	20	4428	3.08	3.08	0.18	3.10	2.36	2.81	3.11	3.05	2.43	2.31	1.43	3.11	0.01	0.3%
NC_68	10	4364	0.95	0.95	0.10	0.96	0.96	0.83	0.82	0.82	0.56	0.52	0.29	0.96	0.00	-0.3%
NC_69	25	4461	3.31	3.34	0.16	3.35	2.12	2.97	3.18	3.17	2.70	2.59	1.64	3.18	-0.17	-5.1%
NC_70	20	4371	0.83	0.76	0.14	0.76	0.83	0.76	0.76	0.76	0.53	0.49	0.27	0.83	0.07	8.9%
NC_71	20	4371	0.80	0.75	0.14	0.75	0.80	0.75	0.74	0.75	0.52	0.48	0.27	0.80	0.05	6.3%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_72	20	4371	0.85	0.78	0.14	0.78	0.85	0.78	0.78	0.78	0.54	0.50	0.28	0.85	0.07	8.7%
NC_73	20	4433	1.84	1.79	0.18	1.80	1.61	1.70	1.82	1.80	1.25	1.22	0.73	1.82	0.02	0.9%
NC_74	20	4429	0.67	0.64	0.10	0.65	0.57	0.64	0.65	0.65	0.46	0.43	0.25	0.65	0.00	-0.2%
NC_75	20	4429	11.27	11.21	0.63	11.28	9.36	10.23	11.28	11.09	8.20	7.93	4.88	11.28	0.00	0.0%
NC_76	20	4367	2.61	2.53	0.29	2.56	2.43	2.26	2.57	2.48	1.70	1.64	0.94	2.57	0.01	0.5%
NC_77	20	4399	3.21	3.20	0.22	3.20	2.63	2.95	3.21	3.15	2.57	2.44	1.50	3.21	0.01	0.3%
NC_78	20	4429	0.90	0.84	0.14	0.85	0.88	0.81	0.85	0.84	0.57	0.54	0.30	0.88	0.03	3.8%
NC_79	20	4433	1.08	1.00	0.18	1.00	1.08	1.00	1.00	1.00	0.69	0.64	0.36	1.08	0.08	8.1%
NC_80	20	4399	2.22	2.18	0.20	2.18	1.71	2.06	2.23	2.18	1.70	1.62	0.99	2.23	0.04	2.1%
NC_81	20	4399	1.55	1.52	0.15	1.52	1.34	1.41	1.54	1.52	1.02	1.00	0.58	1.54	0.02	1.4%
NC_82	25	4461	4.35	4.41	0.35	4.44	3.19	3.91	4.37	4.28	3.31	3.19	1.92	4.37	-0.07	-1.6%
NC_83	10	4364	1.11	1.11	0.11	1.12	1.12	0.95	0.94	0.95	0.64	0.60	0.33	1.12	0.00	0.0%
NC_84	20	4433	1.05	0.98	0.17	0.99	1.03	0.98	0.98	0.99	0.69	0.64	0.36	1.03	0.04	4.3%
NC_85	20	4433	0.74	0.71	0.11	0.71	0.67	0.70	0.71	0.71	0.50	0.46	0.26	0.71	0.00	-0.6%
NC_86	15	4401	4.48	4.31	0.43	4.36	4.35	3.72	4.37	4.19	2.77	2.71	1.54	4.37	0.01	0.3%
NC_87	10	4364	1.39	1.40	0.14	1.41	1.41	1.21	1.21	1.22	0.83	0.77	0.43	1.41	0.00	-0.2%
NC_88	20	4399	3.63	3.46	0.43	3.47	3.16	3.22	3.59	3.46	2.48	2.37	1.35	3.59	0.12	3.5%
NC_89	20	4433	0.59	0.58	0.07	0.58	0.44	0.56	0.59	0.58	0.42	0.41	0.24	0.59	0.01	1.6%
NC_90	20	4404	6.22	6.16	0.50	6.17	5.37	5.49	6.22	5.99	4.61	4.41	2.63	6.22	0.05	0.9%
NC_91	20	4371	0.81	0.75	0.14	0.75	0.80	0.75	0.75	0.75	0.52	0.48	0.27	0.80	0.05	7.1%
NC_92	20	4433	0.77	0.73	0.12	0.73	0.72	0.72	0.73	0.73	0.51	0.47	0.27	0.73	0.00	-0.4%
NC_93	20	4433	1.38	1.35	0.16	1.36	1.11	1.32	1.37	1.36	1.02	0.98	0.60	1.37	0.00	0.4%
NC_94	20	4429	1.84	1.74	0.26	1.76	1.83	1.66	1.76	1.73	1.16	1.10	0.63	1.83	0.07	3.9%
NC_95	20	4429	1.61	1.52	0.23	1.53	1.59	1.45	1.53	1.51	1.01	0.96	0.55	1.59	0.06	4.0%
NC_96	20	4399	2.42	2.37	0.23	2.38	2.09	2.20	2.42	2.37	1.61	1.58	0.92	2.42	0.04	1.5%
NC_97	20	4371	0.83	0.77	0.14	0.77	0.81	0.77	0.77	0.77	0.53	0.49	0.28	0.81	0.04	5.3%
NC_98	20	4399	2.55	2.47	0.24	2.47	2.29	2.31	2.52	2.47	1.72	1.67	0.99	2.52	0.05	1.9%
NC_99	20	4404	5.42	5.31	0.54	5.36	5.20	4.62	5.37	5.17	3.47	3.39	1.93	5.37	0.01	0.2%
NC_100	20	4433	0.95	0.89	0.15	0.89	0.90	0.89	0.89	0.89	0.62	0.58	0.33	0.90	0.01	1.6%
NC_101	20	4429	2.31	2.20	0.32	2.22	2.24	2.07	2.22	2.17	1.48	1.41	0.80	2.24	0.02	0.9%
NC_102	720	4785	17.97	15.82	7.64	16.60	8.06	10.83	10.90	10.90	16.51	15.75	15.02	16.51	-0.09	-0.5%
NC_103	20	4371	0.87	0.80	0.15	0.80	0.88	0.80	0.80	0.80	0.55	0.51	0.28	0.88	0.08	10.0%
NC_104	20	4433	0.65	0.63	0.09	0.64	0.53	0.62	0.64	0.64	0.46	0.43	0.25	0.64	0.00	-0.3%
NC_105	20	4367	7.27	6.99	0.82	7.00	6.49	6.34	7.21	6.89	4.90	4.71	2.68	7.21	0.21	3.0%
NC_106	10	4364	0.84	0.84	0.09	0.85	0.85	0.77	0.76	0.77	0.53	0.49	0.27	0.85	0.00	0.0%
NC_107	20	4433	1.25	1.22	0.14	1.22	1.04	1.17	1.24	1.22	0.87	0.85	0.50	1.24	0.02	1.5%
NC_108	20	4433	1.01	0.95	0.16	0.95	0.98	0.94	0.94	0.95	0.66	0.61	0.35	0.98	0.03	2.6%
NC_109	15	4401	10.39	10.34	0.66	10.44	9.40	8.52	10.39	9.88	6.80	6.66	3.75	10.39	-0.05	-0.5%
NC_110	10	4364	0.90	0.91	0.09	0.92	0.92	0.82	0.81	0.82	0.56	0.52	0.29	0.92	0.00	-0.4%
NC_111	10	4364	0.92	0.92	0.09	0.93	0.93	0.80	0.79	0.80	0.55	0.51	0.28	0.93	0.00	-0.2%
NC_112	25	4464	1.09	1.08	0.09	1.09	0.65	1.01	1.07	1.05	0.91	0.86	0.54	1.07	-0.03	-2.3%
NC_113	10	4364	1.17	1.18	0.12	1.19	1.19	1.07	1.07	1.07	0.73	0.68	0.38	1.19	0.00	0.3%
NC_114	20	4371	0.94	0.88	0.16	0.88	0.94	0.88	0.87	0.88	0.61	0.56	0.31	0.94	0.06	6.4%
NC_115	20	4433	0.63	0.61	0.09	0.61	0.50	0.60	0.62	0.61	0.44	0.42	0.25	0.62	0.01	1.0%
NC_116	20	4429	3.11	3.02	0.35	3.07	2.97	2.69	3.07	2.95	2.01	1.94	1.11	3.07	0.00	-0.1%
NC_117	20	4429	1.69	1.59	0.24	1.60	1.69	1.51	1.60	1.58	1.05	1.00	0.57	1.69	0.09	5.6%
NC_118	20	4433	0.70	0.68	0.10	0.69	0.57	0.67	0.69	0.69	0.50	0.47	0.28	0.69	0.00	0.1%
NC_119	20	4399	7.89	7.74	0.79	7.75	6.89	6.68	7.90	7.44	5.43	5.27	2.98	7.90	0.15	2.0%
NC_120	20	4429	1.58	1.51	0.22	1.51	1.45	1.49	1.51	1.51	1.09	1.00	0.60	1.51	0.00	-0.1%
NC_121	45	4528	1.40	1.38	0.13	1.42	0.66	1.18	1.24	1.23	1.24	1.17	0.75	1.24	-0.18	-13.0%
NC_122	20	4371	0.83	0.77	0.14	0.77	0.83	0.77	0.76	0.77	0.53	0.49	0.27	0.83	0.06	8.2%
NC_123	20	4428	1.83	1.82	0.12	1.83	1.27	1.65	1.85	1.81	1.41	1.35	0.81	1.85	0.02	1.1%
NC_124	20	4429	26.44	26.45	1.69	26.56	21.58	22.84	26.56	25.78	18.63	18.35	10.95	26.56	0.00	0.0%
NC_125	10	4364	0.97	0.97	0.10	0.98	0.98	0.83	0.82	0.83	0.57	0.53	0.29	0.98	0.00	0.2%
NC_126	20	4367	1.51	1.46	0.17	1.46	1.43	1.37	1.47	1.45	0.95	0.92	0.53	1.47	0.01	0.7%
NC_127	20	4433	0.96	0.89	0.16	0.89	0.94	0.89	0.89	0.89	0.62	0.57	0.32	0.94	0.05	5.6%
NC_128	20	4429	1.69	1.58	0.25	1.60	1.70	1.51	1.60	1.57	1.05	1.00	0.57	1.70	0.10	6.4%
NC_129	25	4460	4.25	4.28	0.32	4.31	2.66	3.86	4.15	4.07	3.58	3.38	2.12	4.15	-0.16	-3.8%
NC_130	20	4371	0.89	0.83	0.15	0.83	0.90	0.83	0.82	0.83	0.57	0.53	0.30	0.90	0.07	8.1%
NC_131	30	4498	1.89	1.88	0.15	1.89	0.92	1.62	1.71	1.69	1.66	1.57	1.00	1.71	-0.18	-9.6%
NC_132	20	4371	0.79	0.74	0.13	0.74	0.77	0.74	0.73	0.74	0.51	0.47	0.26	0.77	0.03	4.1%
NC_133	20	4429	2.53	2.44	0.29	2.48	2.43	2.21	2.48	2.40	1.62	1.57	0.90	2.48	0.00	-0.1%
NC_134	20	4371	0.92	0.85	0.16	0.85	0.93	0.85	0.84	0.85	0.58	0.54	0.30	0.93	0.08	9.8%
NC_135	45	4528	1.39	1.37	0.13	1.42	0.66	1.17	1.23	1.22	1.22	1.17	0.74	1.23	-0.19	-13.3%
NC_136	10	4364	0.88	0.88	0.09	0.89	0.89	0.79	0.78	0.78	0.54	0.50	0.27	0.89	0.00	0.0%
NC_137	20	4433	0.62	0.60	0.09	0.61	0.49	0.59	0.61	0.61	0.44	0.42	0.25	0.61	0.00	0.2%
NC_138	20	4429	10.80	10.77	0.82	10.86	8.93	9.20	10.86	10.42	7.96	7.67	4.54	10.86	0.00	0.0%
NC_139	25	4464	1.09	1.09	0.09	1.09	0.65	1.00	1.07	1.05	0.90	0.85	0.53	1.07	-0.02	-1.7%
NC_140	20	4429	1.73	1.63	0.25	1.64	1.73	1.56	1.64	1.62	1.09	1.02	0.59	1.73	0.09	5.2%
NC_141	10	4364	0.91	0.91	0.09	0.92	0.92	0.80	0.79	0.79	0.54	0.51	0.28	0.92	0.00	-0.1%
NC_142	10	4364	1.84	1.85	0.15	1.86	1.86	1.53	1.61	1.59	1.05	1.00	0.56	1.86	0.00	0.1%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_143	20	4433	0.64	0.62	0.09	0.63	0.51	0.61	0.63	0.63	0.45	0.43	0.25	0.63	0.00	-0.3%
NC_144	20	4371	0.82	0.76	0.14	0.76	0.82	0.76	0.76	0.76	0.53	0.49	0.27	0.82	0.06	7.5%
NC_145	20	4433	0.87	0.83	0.13	0.83	0.79	0.82	0.83	0.83	0.59	0.54	0.31	0.83	0.00	0.1%
NC_146	20	4428	8.21	8.15	0.62	8.15	6.95	7.35	8.20	7.96	6.16	5.83	3.59	8.20	0.04	0.6%
NC_147	10	4364	1.98	1.99	0.15	2.00	2.00	1.73	1.84	1.81	1.20	1.14	0.65	2.00	0.00	0.0%
NC_148	20	4429	4.28	4.28	0.30	4.33	3.53	3.66	4.33	4.19	2.87	2.82	1.61	4.33	0.00	-0.1%
NC_149	10	4364	0.98	0.99	0.10	0.99	0.99	0.89	0.88	0.88	0.61	0.56	0.31	0.99	0.00	0.4%
NC_150	10	4364	0.86	0.86	0.09	0.87	0.87	0.78	0.77	0.78	0.53	0.50	0.27	0.87	0.00	0.1%
NC_151	20	4429	1.78	1.70	0.24	1.72	1.76	1.56	1.72	1.67	1.12	1.08	0.61	1.76	0.04	2.3%
NC_152	60	4558	24.18	23.96	1.51	23.96	6.41	14.63	14.74	14.74	22.87	23.28	17.99	23.28	-0.68	-2.8%
NC_153	20	4433	0.66	0.65	0.08	0.65	0.48	0.63	0.66	0.65	0.48	0.47	0.28	0.66	0.01	1.7%
NC_154	25	4466	9.82	9.83	0.49	9.84	6.34	8.66	9.43	9.34	7.34	7.37	4.48	9.43	-0.41	-4.1%
NC_155	15	4401	2.95	2.81	0.37	2.84	2.97	2.55	2.84	2.74	1.85	1.78	1.01	2.97	0.13	4.5%
NC_156	25	4461	5.60	5.68	0.41	5.72	3.40	4.97	5.43	5.31	4.75	4.50	2.82	5.43	-0.29	-5.0%
NC_157	15	4401	3.82	3.69	0.37	3.73	3.72	3.16	3.76	3.58	2.41	2.35	1.33	3.76	0.03	0.7%
NC_158	60	4558	23.99	23.78	1.42	23.78	6.25	14.34	14.44	14.44	22.76	23.17	18.15	23.17	-0.61	-2.6%
NC_159	10	4357	0.94	0.95	0.10	0.96	0.96	0.84	0.83	0.83	0.57	0.53	0.29	0.96	0.00	-0.2%
NC_160	20	4433	1.08	0.99	0.18	0.99	1.09	0.99	0.99	0.99	0.69	0.64	0.35	1.09	0.10	9.8%
NC_161	10	4364	0.87	0.87	0.09	0.88	0.88	0.79	0.78	0.79	0.54	0.50	0.28	0.88	0.00	0.1%
NC_162	20	4371	0.80	0.75	0.14	0.75	0.80	0.75	0.74	0.75	0.52	0.48	0.27	0.80	0.05	6.5%
NC_163	10	4364	0.89	0.90	0.09	0.91	0.91	0.82	0.81	0.81	0.56	0.52	0.29	0.91	0.00	-0.4%
NC_164	20	4429	2.00	1.89	0.27	1.91	1.99	1.79	1.91	1.88	1.26	1.19	0.68	1.99	0.08	4.2%
NC_165	10	4364	0.88	0.89	0.09	0.90	0.90	0.79	0.78	0.79	0.54	0.50	0.28	0.90	0.00	-0.2%
NC_166	10	4364	1.02	1.02	0.10	1.03	1.03	0.90	0.92	0.91	0.62	0.58	0.32	1.03	0.00	0.2%
NC_167	20	4399	9.71	9.62	0.71	9.71	8.21	8.54	9.71	9.38	7.26	6.88	4.21	9.71	0.00	0.0%
NC_168	20	4429	15.98	15.99	1.15	16.12	12.92	13.61	16.12	15.57	11.54	11.20	6.61	16.12	0.00	0.0%
NC_169	10	4364	1.49	1.50	0.14	1.51	1.51	1.35	1.36	1.37	0.94	0.87	0.49	1.51	0.00	0.0%
NC_170	20	4433	0.99	0.93	0.16	0.93	0.98	0.93	0.93	0.93	0.65	0.60	0.34	0.98	0.04	4.8%
NC_171	25	4461	8.45	8.58	0.56	8.63	5.01	7.47	8.08	7.93	7.28	6.91	4.37	8.08	-0.55	-6.4%
NC_172	20	4399	12.52	12.46	1.09	12.59	10.55	10.37	12.61	11.97	8.73	8.53	4.84	12.61	0.02	0.1%
NC_173	20	4429	1.62	1.54	0.23	1.55	1.58	1.46	1.55	1.52	1.03	0.98	0.56	1.58	0.03	2.0%
NC_174	20	4404	3.24	3.18	0.31	3.19	2.90	2.74	3.25	3.11	2.12	2.09	1.18	3.25	0.06	1.9%
NC_175	20	4429	2.80	2.70	0.32	2.74	2.74	2.44	2.74	2.65	1.77	1.71	0.98	2.74	0.00	-0.1%
NC_176	60	4405	6.36	6.34	1.02	6.35	1.93	3.09	3.13	3.12	6.95	6.58	4.07	6.95	0.60	9.5%
NC_177	10	4364	0.99	0.99	0.10	1.00	1.00	0.87	0.86	0.86	0.59	0.55	0.30	1.00	0.00	0.3%
NC_178	10	4364	1.69	1.70	0.13	1.71	1.71	1.48	1.56	1.53	1.02	0.97	0.55	1.71	0.00	0.2%
NC_179	30	4500	2.48	2.48	0.19	2.48	1.46	2.22	2.33	2.31	2.18	2.04	1.32	2.33	-0.15	-6.1%
NC_180	10	4364	0.98	0.99	0.10	1.00	1.00	0.90	0.89	0.90	0.62	0.57	0.32	1.00	0.00	-0.2%
NC_181	60	4405	6.06	6.00	0.75	6.01	1.85	3.02	3.05	3.05	6.33	6.26	4.39	6.33	0.32	5.3%
NC_182	20	4433	1.15	1.08	0.18	1.08	1.14	1.07	1.08	1.08	0.75	0.69	0.39	1.14	0.05	5.1%
NC_183	10	4364	0.88	0.89	0.09	0.90	0.90	0.79	0.78	0.79	0.54	0.50	0.28	0.90	0.00	-0.4%
NC_184	10	4364	0.92	0.93	0.09	0.94	0.94	0.85	0.84	0.85	0.58	0.54	0.30	0.94	0.00	-0.5%
NC_185	20	4429	1.65	1.55	0.24	1.57	1.63	1.48	1.57	1.54	1.04	0.98	0.56	1.63	0.06	4.0%
NC_186	20	4433	0.70	0.68	0.08	0.69	0.51	0.66	0.70	0.69	0.52	0.50	0.30	0.70	0.01	1.2%
NC_187	10	4364	0.89	0.90	0.09	0.91	0.91	0.80	0.79	0.80	0.55	0.51	0.28	0.91	0.00	-0.2%
NC_188	10	4364	2.06	2.07	0.15	2.08	2.08	1.78	1.89	1.86	1.23	1.17	0.66	2.08	0.00	0.1%
NC_189	20	4433	0.65	0.63	0.09	0.64	0.54	0.62	0.64	0.64	0.46	0.43	0.25	0.64	0.00	-0.3%
NC_190	30	4502	9.32	9.32	0.24	9.40	5.43	8.34	8.34	8.35	7.60	7.65	5.01	8.35	-1.05	-11.1%
NC_191	10	4364	1.03	1.04	0.11	1.05	1.05	0.94	0.93	0.94	0.64	0.60	0.33	1.05	0.00	0.1%
NC_192	20	4429	17.33	17.36	1.20	17.50	13.87	14.82	17.50	16.96	12.47	12.15	7.17	17.50	0.00	0.0%
NC_193	720	4787	19.93	17.83	6.91	18.21	7.52	10.96	10.99	10.99	17.62	18.08	18.18	18.18	-0.03	-0.2%
NC_194	30	4498	1.86	1.85	0.14	1.86	0.96	1.61	1.68	1.67	1.63	1.55	0.99	1.68	-0.18	-9.7%
NC_195	20	4433	1.10	1.03	0.17	1.03	1.06	1.02	1.03	1.03	0.72	0.67	0.38	1.06	0.03	3.1%
NC_196	25	4460	1.14	1.15	0.11	1.17	0.75	1.06	1.15	1.13	0.91	0.87	0.53	1.15	-0.02	-1.4%
NC_197	20	4429	0.76	0.73	0.11	0.73	0.68	0.72	0.73	0.73	0.52	0.48	0.28	0.73	0.00	0.0%
NC_198	10	4364	0.89	0.89	0.09	0.90	0.90	0.80	0.79	0.80	0.55	0.51	0.28	0.90	0.00	0.0%
NC_199	10	4364	2.20	2.21	0.13	2.22	2.22	1.89	2.09	2.03	1.35	1.29	0.73	2.22	0.00	-0.1%
NC_200	20	4429	3.67	3.51	0.44	3.56	3.64	3.19	3.56	3.46	2.29	2.21	1.27	3.64	0.08	2.2%
NC_201	20	4433	0.92	0.90	0.10	0.91	0.65	0.88	0.92	0.91	0.71	0.68	0.42	0.92	0.01	1.0%
NC_202	20	4429	2.31	2.22	0.27	2.26	2.21	2.02	2.26	2.19	1.48	1.43	0.82	2.26	0.00	-0.1%
NC_203	20	4433	1.66	1.62	0.17	1.62	1.47	1.52	1.65	1.62	1.10	1.08	0.63	1.65	0.03	1.6%
NC_204	20	4433	0.68	0.67	0.09	0.67	0.52	0.65	0.68	0.67	0.49	0.47	0.28	0.68	0.01	1.0%
NC_205	20	4399	10.13	10.08	0.71	10.17	8.42	8.82	10.17	9.77	7.62	7.26	4.44	10.17	0.00	0.0%
NC_206	20	4399	1.26	1.25	0.10	1.25	0.80	1.16	1.28	1.24	0.99	0.95	0.57	1.28	0.02	2.0%
NC_207	15	4401	4.28	4.13	0.40	4.18	4.09	3.60	4.24	4.06	2.73	2.66	1.51	4.24	0.06	1.5%
NC_208	10	4357	0.85	0.86	0.09	0.87	0.87	0.78	0.77	0.78	0.53	0.50	0.27	0.87	0.00	-0.5%
NC_209	20	4433	0.59	0.58	0.07	0.59	0.44	0.56	0.59	0.59	0.43	0.41	0.25	0.59	0.00	0.3%
NC_210	20	4429	18.42	18.46	1.23	18.55	14.51	15.79	18.55	18.02	13.25	13.00	7.68	18.55	0.00	0.0%
NC_211	20	4371	1.00	0.93	0.17	0.93	1.02	0.93	0.92	0.93	0.64	0.59	0.33	1.02	0.08	9.1%
NC_212	20	4433	0.59	0.58	0.07	0.58	0.44	0.56	0.59	0.58	0.42	0.41	0.24	0.59	0.01	1.4%
NC_213	30	4498	13.47	13.39	1.03	13.64	7.93	11.75	12.42	12.36	10.40	10.53	6.48	12.42	-1.22	-9.0%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_214	45	4528	1.23	1.22	0.10	1.26	0.68	1.04	1.11	1.09	1.09	1.06	0.69	1.11	-0.15	-12.1%
NC_215	45	4527	9.51	9.56	0.24	9.67	4.09	6.51	6.75	6.75	7.89	7.65	5.71	7.89	-1.78	-18.4%
NC_216	20	4433	0.63	0.60	0.09	0.61	0.50	0.60	0.62	0.61	0.44	0.42	0.25	0.62	0.01	0.8%
NC_217	25	4464	1.00	0.99	0.08	1.00	0.58	0.92	0.98	0.97	0.83	0.78	0.49	0.98	-0.02	-2.1%
NC_218	60	4558	11.04	10.86	0.74	10.89	4.25	7.70	7.91	7.90	9.79	9.82	7.09	9.82	-1.07	-9.9%
NC_219	25	4460	1.52	1.52	0.14	1.53	0.95	1.42	1.51	1.49	1.24	1.18	0.73	1.51	-0.02	-1.1%
NC_220	20	4399	3.28	3.19	0.32	3.20	3.05	2.82	3.27	3.15	2.12	2.08	1.19	3.27	0.07	2.1%
NC_221	20	4371	0.86	0.80	0.15	0.80	0.86	0.80	0.79	0.80	0.55	0.51	0.28	0.86	0.06	7.6%
NC_222	20	4371	0.83	0.78	0.14	0.78	0.82	0.78	0.77	0.78	0.54	0.50	0.28	0.82	0.04	5.1%
NC_223	10	4364	1.07	1.08	0.11	1.09	1.09	0.98	0.97	0.98	0.67	0.62	0.35	1.09	0.00	0.0%
NC_224	20	4371	0.88	0.82	0.15	0.82	0.89	0.82	0.81	0.82	0.56	0.52	0.29	0.89	0.07	8.3%
NC_225	30	4498	9.63	9.51	0.70	9.73	5.86	8.23	8.89	8.82	7.01	7.57	4.62	8.89	-0.84	-8.6%
NC_226	15	4401	4.94	4.87	0.37	4.92	4.55	4.08	4.95	4.71	3.21	3.15	1.77	4.95	0.03	0.6%
NC_227	60	4405	6.12	6.03	0.72	6.04	2.45	3.03	3.06	3.06	6.34	6.31	4.57	6.34	0.30	4.9%
NC_228	20	4433	0.82	0.77	0.13	0.77	0.77	0.77	0.77	0.77	0.54	0.50	0.28	0.77	0.00	0.3%
NC_229	720	4785	17.67	16.79	3.59	17.35	7.31	10.59	10.60	10.61	16.38	16.55	17.44	17.44	0.09	0.5%
NC_230	20	4433	0.67	0.65	0.09	0.66	0.54	0.64	0.66	0.66	0.48	0.45	0.27	0.66	0.00	-0.2%
NC_231	20	4433	1.67	1.62	0.18	1.63	1.45	1.57	1.64	1.63	1.18	1.13	0.68	1.64	0.01	0.6%
NC_232	20	4429	18.74	18.80	1.23	18.86	14.65	16.04	18.86	18.34	13.52	13.35	7.89	18.86	0.00	0.0%
NC_233	20	4433	0.63	0.61	0.09	0.62	0.50	0.60	0.62	0.62	0.45	0.42	0.25	0.62	0.00	0.2%
NC_234	30	4498	14.42	14.35	1.01	14.60	8.24	12.55	13.15	13.11	11.20	11.39	7.04	13.15	-1.45	-10.0%
NC_235	10	4364	0.92	0.93	0.10	0.93	0.93	0.84	0.83	0.83	0.57	0.53	0.29	0.93	0.00	0.3%
NC_236	25	4460	1.95	1.98	0.17	2.01	1.13	1.73	1.92	1.87	1.59	1.52	0.93	1.92	-0.09	-4.3%
NC_237	60	4405	11.35	11.21	0.67	11.21	4.35	7.78	7.97	7.97	10.09	10.04	7.40	10.09	-1.12	-10.0%
NC_238	30	4498	45.94	45.40	3.13	46.36	27.91	39.60	42.26	42.03	34.33	36.64	23.01	42.26	-4.10	-8.8%
NC_239	25	4394	14.00	14.24	0.99	14.27	5.49	12.27	13.20	13.00	11.21	10.96	6.62	13.20	-1.07	-7.5%
NC_240	45	4496	15.37	15.27	0.67	15.40	7.64	12.28	12.68	12.66	12.25	12.84	8.29	12.84	-2.56	-16.6%
NC_241	20	4429	0.95	0.90	0.13	0.91	0.83	0.90	0.91	0.91	0.65	0.60	0.35	0.91	0.00	-0.1%
NC_242	20	4433	0.71	0.69	0.10	0.70	0.57	0.68	0.70	0.70	0.51	0.48	0.29	0.70	0.00	0.1%
NC_243	25	4460	3.79	3.81	0.28	3.85	2.98	3.56	3.75	3.70	3.22	3.00	1.95	3.75	-0.10	-2.5%
NC_244	30	4498	46.49	45.85	3.55	46.93	29.24	40.31	43.44	43.13	34.39	36.47	22.57	43.44	-3.49	-7.4%
NC_245	30	4498	3.30	3.25	0.34	3.28	1.70	2.83	3.07	3.01	2.83	2.71	1.69	3.07	-0.21	-6.4%
NC_246	10	4357	0.96	0.97	0.10	0.98	0.98	0.86	0.85	0.85	0.59	0.54	0.30	0.98	0.00	-0.2%
NC_247	20	4371	0.88	0.82	0.15	0.82	0.88	0.82	0.81	0.82	0.56	0.52	0.29	0.88	0.06	6.7%
NC_248	45	4528	1.53	1.54	0.11	1.58	0.73	1.19	1.25	1.24	1.36	1.37	0.89	1.37	-0.22	-13.6%
NC_249	25	4394	2.29	2.30	0.15	2.30	1.47	2.08	2.22	2.20	1.89	1.79	1.12	2.22	-0.08	-3.3%
NC_250	20	4433	0.59	0.58	0.07	0.58	0.44	0.56	0.59	0.58	0.42	0.41	0.24	0.59	0.01	1.7%
NC_251	20	4433	0.59	0.58	0.07	0.58	0.43	0.56	0.59	0.58	0.43	0.41	0.25	0.59	0.01	1.6%
NC_252	60	4405	11.52	11.38	0.63	11.39	4.40	7.80	7.98	7.98	10.25	10.14	7.59	10.25	-1.14	-10.0%
NC_253	30	4502	2.65	2.65	0.17	2.66	1.74	2.40	2.46	2.47	2.29	2.19	1.41	2.47	-0.19	-7.3%
NC_254	20	4433	0.59	0.57	0.07	0.58	0.43	0.56	0.59	0.58	0.42	0.41	0.24	0.59	0.01	1.2%
NC_255	20	4433	1.01	0.99	0.10	1.00	0.69	0.96	1.01	1.00	0.81	0.77	0.48	1.01	0.01	0.9%
NC_256	20	4433	0.63	0.61	0.09	0.62	0.49	0.60	0.63	0.62	0.45	0.43	0.26	0.63	0.01	1.0%
NC_257	20	4399	1.20	1.19	0.10	1.19	0.81	1.11	1.22	1.19	0.92	0.89	0.53	1.22	0.03	2.2%
NC_258	60	4405	9.96	9.83	0.32	9.84	4.07	6.18	6.37	6.37	8.17	7.61	6.77	8.17	-1.67	-16.9%
NC_259	20	4433	0.71	0.69	0.10	0.69	0.57	0.68	0.70	0.69	0.50	0.48	0.28	0.70	0.01	0.9%
NC_260	25	4394	34.74	35.33	2.45	35.60	17.90	29.85	32.96	32.37	26.87	26.68	15.93	32.96	-2.64	-7.4%
NC_261	10	4364	0.93	0.93	0.09	0.94	0.94	0.81	0.79	0.80	0.55	0.51	0.28	0.94	0.00	-0.2%
NC_262	20	4428	7.70	7.69	0.74	7.70	6.91	6.32	7.72	7.27	5.16	5.04	2.83	7.72	0.02	0.2%
NC_263	180	4599	228.46	229.43	17.64	236.22	71.08	124.40	124.90	124.98	215.08	220.53	238.93	238.93	2.71	1.1%
NC_264	20	4433	0.60	0.59	0.08	0.59	0.45	0.57	0.60	0.59	0.43	0.42	0.25	0.60	0.01	1.7%
NC_265	20	4433	1.26	1.16	0.20	1.17	1.28	1.16	1.16	1.17	0.80	0.75	0.42	1.28	0.11	9.3%
NC_266	20	4399	2.19	2.15	0.20	2.15	1.88	1.98	2.18	2.14	1.46	1.43	0.83	2.18	0.03	1.4%
NC_267	25	4464	1.16	1.16	0.08	1.16	0.66	1.07	1.13	1.11	1.00	0.93	0.60	1.13	-0.03	-2.9%
NC_268	90	4395	34.45	34.91	3.07	34.95	8.79	18.12	18.18	18.19	34.95	34.97	30.01	34.97	0.02	0.1%
NC_269	25	4464	0.99	0.99	0.08	1.00	0.57	0.91	0.97	0.96	0.83	0.78	0.49	0.97	-0.03	-2.7%
NC_270	25	4466	2.81	2.81	0.12	2.81	1.68	2.45	2.64	2.61	2.18	2.18	1.34	2.64	-0.17	-6.0%
NC_271	60	4559	9.85	9.84	0.29	9.86	4.01	6.01	6.17	6.17	8.31	7.48	7.16	8.31	-1.55	-15.7%
NC_272	720	4787	17.98	17.14	3.48	17.83	7.29	10.59	10.60	10.60	16.37	16.56	17.57	17.57	-0.26	-1.4%
NC_273	25	4464	1.13	1.13	0.08	1.13	0.61	1.02	1.09	1.07	0.97	0.91	0.58	1.09	-0.04	-4.0%
NC_274	60	4405	12.34	12.28	0.57	12.29	4.88	8.08	8.25	8.24	11.18	10.81	8.29	11.18	-1.11	-9.0%
NC_275	25	4394	34.85	35.42	2.35	35.77	17.94	29.94	32.98	32.41	27.08	27.00	16.14	32.98	-2.79	-7.8%
NC_276	20	4371	0.78	0.73	0.13	0.73	0.77	0.73	0.73	0.73	0.51	0.47	0.26	0.77	0.04	5.1%
NC_277	45	4534	3.03	2.99	0.17	3.01	1.57	2.47	2.61	2.59	2.41	2.52	1.57	2.61	-0.40	-13.4%
NC_278	20	4433	0.80	0.76	0.13	0.76	0.77	0.75	0.75	0.76	0.53	0.49	0.28	0.77	0.01	0.9%
NC_279	30	4498	36.72	35.92	4.01	36.75	19.57	31.30	34.05	33.58	29.34	29.72	17.86	34.05	-2.70	-7.4%
NC_280	180	4599	228.41	229.41	17.69	236.22	71.11	124.45	124.95	125.02	215.13	220.58	238.93	238.93	2.71	1.1%
NC_281	20	4371	0.78	0.73	0.13	0.73	0.76	0.73	0.73	0.73	0.51	0.47	0.26	0.76	0.03	4.5%
NC_282	20	4433	0.68	0.67	0.08	0.67	0.49	0.65	0.68	0.67	0.51	0.49	0.29	0.68	0.01	1.9%
NC_283	20	4429	1.45	1.36	0.21	1.37	1.44	1.30	1.37	1.35	0.91	0.86	0.49	1.44	0.07	5.3%
NC_284	45	4528	2.94	2.97	0.21	3.03	1.28	2.25	2.32	2.31	2.63	2.63	1.73	2.63	-0.40	-13.1%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_285	30	4498	46.92	46.42	2.87	47.33	27.75	40.16	42.55	42.36	35.40	38.06	24.32	42.55	-4.78	-10.1%
NC_286	20	4433	0.59	0.58	0.07	0.58	0.43	0.56	0.59	0.58	0.42	0.41	0.24	0.59	0.01	1.4%
NC_287	180	4599	229.06	229.78	17.23	236.34	71.04	124.35	124.85	124.92	215.07	220.52	239.27	239.27	2.93	1.2%
NC_288	20	4433	1.29	1.20	0.21	1.20	1.29	1.19	1.20	1.20	0.83	0.77	0.43	1.29	0.09	7.7%
NC_289	20	4429	5.68	5.66	0.45	5.71	4.76	4.79	5.71	5.46	3.90	3.82	2.18	5.71	0.00	-0.1%
NC_290	10	4364	0.85	0.86	0.09	0.86	0.86	0.78	0.77	0.78	0.54	0.50	0.27	0.86	0.00	0.2%
NC_291	20	4433	1.02	0.95	0.17	0.95	1.01	0.95	0.95	0.95	0.66	0.61	0.34	1.01	0.05	5.8%
NC_292	25	4464	1.33	1.32	0.11	1.33	0.85	1.26	1.31	1.30	1.14	1.07	0.69	1.31	-0.02	-1.6%
NC_293	45	4496	18.17	18.04	0.67	18.24	8.69	14.19	14.61	14.58	14.50	15.27	10.23	15.27	-2.97	-16.3%
NC_294	45	4534	6.04	6.06	0.31	6.17	2.51	4.47	4.61	4.59	5.31	5.46	3.70	5.46	-0.72	-11.6%
NC_295	20	4371	0.90	0.83	0.15	0.84	0.89	0.84	0.83	0.83	0.58	0.54	0.30	0.89	0.05	6.2%
NC_296	20	4371	0.86	0.80	0.15	0.80	0.86	0.80	0.80	0.80	0.55	0.51	0.28	0.86	0.06	8.0%
NC_297	20	4433	1.42	1.35	0.17	1.36	1.28	1.27	1.40	1.36	0.95	0.91	0.52	1.40	0.04	2.9%
NC_298	25	4466	5.61	5.56	0.39	5.60	4.09	4.73	5.50	5.36	3.93	4.02	2.34	5.50	-0.10	-1.8%
NC_299	45	4496	71.23	70.57	2.73	70.99	36.76	57.30	59.69	59.43	56.73	59.82	40.32	59.82	####	-15.7%
NC_300	20	4371	0.95	0.88	0.16	0.88	0.97	0.88	0.88	0.88	0.61	0.56	0.31	0.97	0.09	9.8%
NC_301	10	4364	1.76	1.77	0.16	1.78	1.78	1.59	1.62	1.61	1.10	1.03	0.57	1.78	0.00	0.2%
NC_302	180	4599	228.45	229.46	17.71	236.31	71.23	124.63	125.14	125.21	215.31	220.76	238.96	238.96	2.65	1.1%
NC_303	20	4429	3.18	3.19	0.18	3.22	2.35	2.85	3.22	3.15	2.32	2.24	1.33	3.22	0.00	-0.1%
NC_304	45	4528	2.22	2.21	0.19	2.27	1.08	1.82	1.92	1.90	1.94	1.89	1.20	1.94	-0.33	-14.6%
NC_305	20	4371	0.81	0.76	0.13	0.76	0.79	0.76	0.76	0.76	0.53	0.49	0.27	0.79	0.03	4.2%
NC_306	60	4558	7.16	7.05	0.59	7.05	2.77	5.02	5.13	5.12	6.46	6.63	4.73	6.63	-0.42	-5.9%
NC_307	25	4464	1.97	1.97	0.12	1.97	1.14	1.77	1.88	1.86	1.68	1.58	1.01	1.88	-0.09	-4.7%
NC_308	45	4496	25.21	25.13	0.75	25.26	10.66	18.41	18.72	18.68	21.07	21.68	15.42	21.68	-3.58	-14.2%
NC_309	25	4464	1.63	1.62	0.13	1.63	0.93	1.50	1.60	1.57	1.39	1.31	0.83	1.60	-0.03	-2.0%
NC_310	60	4555	10.39	10.34	0.22	10.37	5.10	7.14	7.49	7.42	10.32	9.03	8.09	10.32	-0.05	-0.5%
NC_311	20	4429	2.90	2.90	0.22	2.93	2.37	2.48	2.93	2.82	1.98	1.94	1.11	2.93	0.00	-0.1%
NC_312	20	4429	1.62	1.52	0.24	1.53	1.64	1.45	1.53	1.50	1.01	0.96	0.54	1.64	0.11	6.9%
NC_313	45	4496	18.13	18.01	0.61	18.21	8.56	14.02	14.43	14.39	14.49	15.26	10.40	15.26	-2.95	-16.2%
NC_314	20	4433	0.86	0.84	0.11	0.85	0.67	0.83	0.85	0.85	0.63	0.60	0.36	0.85	0.00	0.2%
NC_315	20	4429	2.69	2.56	0.35	2.60	2.67	2.34	2.60	2.52	1.69	1.63	0.93	2.67	0.07	2.7%
NC_316	60	4558	7.84	7.73	0.61	7.74	2.90	5.29	5.39	5.38	7.24	7.25	5.22	7.25	-0.49	-6.3%
NC_317	20	4371	0.84	0.78	0.14	0.78	0.84	0.78	0.77	0.78	0.54	0.50	0.28	0.84	0.06	8.2%
NC_318	120	4611	216.43	217.82	17.62	219.08	70.48	123.14	123.67	123.74	211.24	216.56	224.31	224.31	5.23	2.4%
NC_319	10	4364	0.89	0.90	0.09	0.91	0.91	0.80	0.79	0.80	0.55	0.51	0.28	0.91	0.00	-0.3%
NC_320	60	4558	8.14	8.05	0.62	8.07	2.95	5.40	5.49	5.48	7.60	7.54	5.46	7.60	-0.48	-5.9%
NC_321	20	4371	0.99	0.91	0.17	0.91	1.00	0.91	0.90	0.91	0.63	0.58	0.32	1.00	0.09	10.1%
NC_322	20	4433	0.63	0.61	0.09	0.62	0.50	0.60	0.62	0.62	0.45	0.42	0.25	0.62	0.00	0.0%
NC_323	20	4429	1.99	1.89	0.28	1.89	1.90	1.85	1.89	1.89	1.34	1.23	0.72	1.90	0.01	0.7%
NC_324	45	4528	13.30	13.37	0.87	13.52	5.91	9.96	10.31	10.20	12.67	12.17	8.59	12.67	-0.85	-6.3%
NC_325	120	4611	25.04	24.65	0.86	24.67	9.82	14.79	14.87	14.88	24.36	24.56	25.35	25.35	0.68	2.8%
NC_326	45	4528	13.61	13.68	0.71	13.89	5.55	9.80	10.09	10.02	12.90	12.63	9.08	12.90	-0.99	-7.1%
NC_327	20	4433	1.02	1.01	0.08	1.01	0.70	0.98	1.02	1.01	0.82	0.78	0.48	1.02	0.01	0.9%
NC_328	20	4429	0.83	0.76	0.14	0.77	0.84	0.76	0.77	0.76	0.52	0.49	0.27	0.84	0.07	8.6%
NC_329	20	4371	0.96	0.89	0.16	0.89	0.96	0.89	0.88	0.89	0.61	0.57	0.32	0.96	0.07	7.9%
NC_330	20	4371	0.83	0.77	0.14	0.77	0.83	0.77	0.76	0.76	0.53	0.49	0.27	0.83	0.06	8.3%
NC_331	45	4496	19.23	19.19	0.57	19.35	8.85	14.62	15.02	14.98	15.41	16.24	11.34	16.24	-3.11	-16.1%
NC_332	20	4429	2.81	2.70	0.34	2.73	2.69	2.52	2.73	2.67	1.86	1.76	1.03	2.73	0.00	-0.1%
NC_333	25	4394	6.76	6.87	0.53	6.94	4.92	5.93	6.76	6.61	4.91	4.87	2.87	6.76	-0.18	-2.6%
NC_334	20	4371	0.88	0.81	0.15	0.81	0.87	0.81	0.81	0.81	0.56	0.52	0.29	0.87	0.06	7.2%
NC_335	20	4433	0.59	0.57	0.07	0.58	0.44	0.56	0.59	0.58	0.42	0.41	0.24	0.59	0.01	1.2%
NC_336	20	4433	0.60	0.58	0.07	0.59	0.44	0.57	0.60	0.59	0.43	0.42	0.25	0.60	0.01	1.0%
NC_337	10	4364	1.08	1.09	0.11	1.10	1.10	0.99	0.99	1.00	0.69	0.64	0.35	1.10	0.00	-0.3%
NC_338	20	4433	0.68	0.66	0.08	0.67	0.49	0.64	0.68	0.67	0.50	0.48	0.29	0.68	0.01	1.0%
NC_339	20	4399	1.85	1.82	0.18	1.82	1.68	1.56	1.85	1.76	1.22	1.20	0.67	1.85	0.03	1.6%
NC_340	20	4429	0.70	0.66	0.10	0.67	0.61	0.66	0.67	0.67	0.47	0.44	0.25	0.67	0.00	-0.3%
NC_341	180	4653	25.05	25.21	1.62	25.41	9.81	14.77	14.84	14.85	24.17	24.68	25.41	25.41	0.00	0.0%
NC_342	20	4429	5.09	4.95	0.56	5.02	4.88	4.39	5.02	4.84	3.26	3.17	1.81	5.02	0.00	0.0%
NC_343	20	4433	1.37	1.34	0.13	1.35	0.94	1.26	1.38	1.35	1.04	1.00	0.60	1.38	0.03	2.0%
NC_344	20	4429	1.71	1.61	0.24	1.63	1.69	1.53	1.63	1.60	1.08	1.02	0.58	1.69	0.06	3.7%
NC_345	20	4433	0.59	0.58	0.07	0.58	0.43	0.56	0.59	0.58	0.42	0.41	0.24	0.59	0.01	1.4%
NC_346	20	4429	4.89	4.71	0.58	4.79	4.73	4.19	4.79	4.60	3.13	3.02	1.72	4.79	0.00	0.0%
NC_347	10	4364	0.88	0.89	0.09	0.89	0.89	0.80	0.79	0.79	0.55	0.51	0.28	0.89	0.00	0.2%
NC_348	25	4464	1.04	1.04	0.08	1.04	0.57	0.94	1.01	0.99	0.87	0.82	0.52	1.01	-0.04	-3.4%
NC_349	45	4528	1.45	1.43	0.14	1.47	0.81	1.30	1.35	1.34	1.29	1.22	0.79	1.35	-0.12	-8.4%
NC_350	60	4405	14.20	14.11	1.20	14.13	5.63	10.03	10.29	10.24	13.47	13.32	9.77	13.47	-0.66	-4.6%
NC_351	25	4460	0.98	0.98	0.09	0.98	0.62	0.93	0.98	0.97	0.81	0.77	0.48	0.98	-0.01	-0.5%
NC_352	45	4528	1.79	1.79	0.16	1.81	0.88	1.48	1.51	1.51	1.62	1.56	1.02	1.62	-0.19	-10.6%
NC_353	20	4433	1.62	1.57	0.17	1.57	1.47	1.49	1.59	1.57	1.05	1.03	0.60	1.59	0.02	1.3%
NC_354	45	4496	25.07	24.99	0.76	25.12	10.65	18.36	18.66	18.63	20.93	21.54	15.21	21.54	-3.59	-14.3%
NC_355	120	4611	216.44	217.83	17.62	219.07	70.48	123.15	123.68	123.75	211.27	216.59	224.30	224.30	5.23	2.4%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_356	60	4405	14.76	14.75	0.43	14.76	4.89	8.78	8.81	8.79	14.57	14.02	11.56	14.57	-0.19	-1.3%
NC_357	10	4364	0.95	0.96	0.10	0.97	0.97	0.86	0.85	0.86	0.59	0.55	0.30	0.97	0.00	-0.2%
NC_358	45	4528	7.19	7.10	0.60	7.41	3.71	6.12	6.65	6.52	6.11	6.10	3.81	6.65	-0.76	-10.3%
NC_359	20	4429	1.72	1.63	0.23	1.66	1.70	1.51	1.66	1.61	1.09	1.04	0.59	1.70	0.04	2.7%
NC_360	20	4399	1.42	1.40	0.10	1.41	0.88	1.32	1.43	1.40	1.14	1.09	0.66	1.43	0.02	1.7%
NC_361	25	4460	2.05	2.06	0.17	2.07	1.47	1.93	2.05	2.03	1.66	1.58	0.98	2.05	-0.02	-0.8%
NC_362	120	4611	216.44	217.82	17.63	219.06	70.49	123.17	123.70	123.76	211.27	216.59	224.29	224.29	5.23	2.4%
NC_363	20	4433	0.68	0.66	0.09	0.67	0.52	0.64	0.67	0.67	0.49	0.47	0.28	0.67	0.00	0.0%
NC_364	20	4371	0.84	0.78	0.14	0.78	0.85	0.78	0.77	0.78	0.54	0.50	0.28	0.85	0.07	9.2%
NC_365	45	4528	1.48	1.47	0.13	1.51	0.67	1.23	1.28	1.27	1.31	1.26	0.81	1.31	-0.20	-13.0%
NC_366	20	4433	1.26	1.17	0.20	1.17	1.25	1.16	1.17	1.17	0.81	0.75	0.42	1.25	0.08	6.9%
NC_367	25	4464	1.12	1.12	0.08	1.12	0.62	1.01	1.08	1.07	0.94	0.89	0.56	1.08	-0.04	-3.2%
NC_368	25	4461	7.35	7.48	0.61	7.52	4.27	6.47	7.15	6.96	6.12	5.89	3.63	7.15	-0.37	-4.9%
NC_369	20	4433	0.65	0.63	0.08	0.63	0.48	0.61	0.64	0.63	0.46	0.45	0.27	0.64	0.01	1.7%
NC_370	20	4371	0.86	0.79	0.14	0.80	0.86	0.80	0.79	0.79	0.55	0.51	0.28	0.86	0.06	7.0%
NC_371	25	4462	3.19	3.23	0.32	3.29	2.03	2.90	3.20	3.12	2.58	2.46	1.49	3.20	-0.09	-2.6%
NC_372	120	4611	216.44	217.83	17.63	219.05	70.50	123.18	123.72	123.78	211.30	216.62	224.26	224.26	5.21	2.4%
NC_373	10	4364	0.86	0.87	0.09	0.87	0.87	0.79	0.78	0.78	0.54	0.50	0.28	0.87	0.00	0.5%
NC_374	20	4433	1.28	1.26	0.11	1.26	0.85	1.22	1.28	1.26	1.07	1.01	0.64	1.28	0.02	1.3%
NC_375	45	4534	8.40	8.46	0.42	8.63	3.65	6.23	6.43	6.41	8.32	8.35	6.43	8.35	-0.28	-3.2%
NC_376	20	4371	0.96	0.88	0.16	0.88	0.97	0.88	0.88	0.88	0.61	0.56	0.31	0.97	0.09	10.5%
NC_377	60	4558	16.14	16.02	1.42	16.02	6.58	11.51	11.86	11.81	15.42	15.22	11.18	15.42	-0.60	-3.7%
NC_378	20	4433	0.67	0.65	0.09	0.65	0.55	0.64	0.65	0.65	0.47	0.44	0.26	0.65	0.00	0.6%
NC_379	10	4357	0.99	1.00	0.10	1.01	1.01	0.89	0.88	0.89	0.61	0.57	0.31	1.01	0.00	-0.1%
NC_380	25	4461	6.96	7.08	0.60	7.15	4.12	6.19	6.83	6.66	5.79	5.53	3.41	6.83	-0.32	-4.4%
NC_381	60	4405	14.91	14.88	0.43	14.89	4.99	8.83	8.86	8.84	14.73	14.30	11.82	14.73	-0.17	-1.1%
NC_382	20	4429	0.79	0.74	0.13	0.74	0.78	0.74	0.74	0.74	0.51	0.48	0.27	0.78	0.04	4.7%
NC_383	20	4433	1.64	1.60	0.20	1.61	1.30	1.54	1.63	1.61	1.17	1.14	0.68	1.63	0.02	1.4%
NC_384	20	4433	0.78	0.76	0.09	0.77	0.58	0.75	0.78	0.77	0.58	0.56	0.34	0.78	0.01	1.0%
NC_385	90	4532	38.67	38.87	1.35	39.00	16.03	24.01	24.87	24.81	38.74	38.92	37.19	38.92	-0.08	-0.2%
NC_386	10	4357	0.92	0.92	0.09	0.93	0.93	0.80	0.79	0.80	0.55	0.51	0.28	0.93	0.00	0.1%
NC_387	20	4429	0.87	0.83	0.13	0.83	0.77	0.82	0.83	0.83	0.59	0.54	0.32	0.83	0.00	0.0%
NC_388	20	4433	1.03	1.02	0.10	1.02	0.70	0.98	1.04	1.02	0.83	0.79	0.49	1.04	0.01	1.5%
NC_389	25	4460	3.85	3.88	0.27	3.91	2.36	3.47	3.73	3.66	3.34	3.12	2.00	3.73	-0.18	-4.6%
NC_390	20	4433	0.73	0.72	0.08	0.72	0.52	0.69	0.73	0.72	0.55	0.53	0.32	0.73	0.01	1.5%
NC_391	20	4429	2.76	2.64	0.36	2.66	2.61	2.48	2.66	2.61	1.80	1.70	0.97	2.66	0.00	0.2%
NC_392	20	4433	0.67	0.66	0.08	0.66	0.48	0.63	0.67	0.66	0.49	0.48	0.29	0.67	0.01	1.4%
NC_393	10	4364	2.68	2.69	0.20	2.71	2.71	2.27	2.42	2.38	1.58	1.51	0.85	2.71	0.00	0.0%
NC_394	120	4611	216.60	218.01	17.78	218.83	70.92	123.80	124.34	124.41	211.83	217.18	223.78	223.78	4.95	2.3%
NC_395	20	4371	0.82	0.76	0.14	0.76	0.83	0.76	0.76	0.76	0.53	0.49	0.27	0.83	0.07	8.7%
NC_396	25	4460	3.33	3.37	0.27	3.41	1.91	2.96	3.25	3.17	2.82	2.66	1.67	3.25	-0.16	-4.7%
NC_397	45	4496	3.96	3.87	0.48	3.93	2.66	3.18	3.26	3.25	3.12	3.13	2.52	3.26	-0.67	-17.2%
NC_398	20	4433	0.60	0.59	0.08	0.59	0.45	0.57	0.60	0.59	0.43	0.42	0.25	0.60	0.01	1.2%
NC_399	120	4611	216.44	217.82	17.63	219.03	70.51	123.19	123.72	123.79	211.29	216.61	224.25	224.25	5.22	2.4%
NC_400	10	4364	0.90	0.91	0.09	0.92	0.92	0.80	0.79	0.79	0.54	0.50	0.28	0.92	-0.01	-0.5%
NC_401	60	4558	16.15	16.06	0.67	16.08	6.77	10.33	10.59	10.58	16.47	16.01	12.97	16.47	0.39	2.4%
NC_402	20	4429	2.12	2.02	0.27	2.04	2.12	1.87	2.04	1.99	1.34	1.28	0.74	2.12	0.08	3.8%
NC_403	120	4611	216.42	217.76	17.70	218.70	70.67	123.43	123.96	124.03	211.49	216.82	223.85	223.85	5.15	2.4%
NC_404	120	4611	216.45	217.83	17.64	219.03	70.52	123.21	123.74	123.81	211.32	216.64	224.24	224.24	5.21	2.4%
NC_405	20	4433	0.62	0.60	0.09	0.61	0.49	0.59	0.61	0.61	0.44	0.42	0.25	0.61	0.00	0.2%
NC_406	10	4364	4.04	4.06	0.26	4.08	4.08	3.50	3.82	3.72	2.50	2.39	1.35	4.08	0.00	-0.1%
NC_407	20	4371	0.86	0.79	0.14	0.79	0.85	0.79	0.79	0.79	0.55	0.51	0.28	0.85	0.06	8.0%
NC_408	25	4460	3.40	3.40	0.24	3.40	2.12	3.12	3.30	3.24	2.94	2.74	1.77	3.30	-0.10	-3.0%
NC_409	10	4364	1.01	1.02	0.10	1.02	1.03	0.91	0.90	0.91	0.62	0.58	0.32	1.03	0.00	0.5%
NC_410	20	4433	1.72	1.63	0.22	1.64	1.57	1.57	1.67	1.64	1.14	1.08	0.62	1.67	0.03	1.5%
NC_411	15	4401	3.00	2.86	0.32	2.89	2.93	2.58	2.95	2.85	1.90	1.85	1.06	2.95	0.06	2.0%
NC_412	20	4429	1.82	1.74	0.24	1.75	1.71	1.67	1.75	1.73	1.19	1.12	0.65	1.75	0.00	0.2%
NC_413	10	4364	0.96	0.97	0.10	0.98	0.98	0.87	0.86	0.86	0.59	0.55	0.30	0.98	0.00	-0.4%
NC_414	20	4371	0.83	0.77	0.14	0.77	0.84	0.77	0.76	0.76	0.53	0.49	0.27	0.84	0.07	9.2%
NC_415	10	4364	1.17	1.18	0.12	1.19	1.19	1.05	1.05	1.05	0.72	0.67	0.37	1.19	0.00	0.3%
NC_416	10	4364	1.14	1.15	0.11	1.16	1.16	1.04	1.04	1.04	0.72	0.67	0.37	1.16	0.00	0.1%
NC_417	25	4464	2.43	2.41	0.16	2.42	1.75	2.32	2.38	2.38	1.99	1.86	1.21	2.38	-0.04	-1.7%
NC_418	10	4357	1.05	1.05	0.11	1.06	1.06	0.91	0.90	0.91	0.62	0.58	0.32	1.06	0.00	0.0%
NC_419	20	4429	4.07	4.06	0.33	4.11	3.47	3.41	4.11	3.94	2.72	2.67	1.51	4.11	0.00	0.0%
NC_420	10	4357	0.88	0.89	0.09	0.90	0.90	0.80	0.79	0.80	0.55	0.51	0.28	0.90	0.00	-0.2%
NC_421	45	4528	1.80	1.79	0.15	1.83	0.85	1.49	1.54	1.53	1.58	1.53	0.98	1.58	-0.25	-13.8%
NC_422	120	4611	216.05	217.23	17.83	217.46	70.94	123.81	124.35	124.42	211.66	217.00	222.65	222.65	5.19	2.4%
NC_423	10	4364	0.90	0.91	0.09	0.91	0.91	0.83	0.82	0.83	0.57	0.53	0.29	0.91	0.00	0.4%
NC_424	25	4394	5.70	5.80	0.40	5.84	3.29	4.90	5.47	5.35	4.54	4.47	2.70	5.47	-0.37	-6.3%
NC_425	20	4399	1.21	1.20	0.10	1.20	0.79	1.12	1.23	1.20	0.94	0.90	0.54	1.23	0.03	2.5%
NC_426	10	4357	0.86	0.87	0.09	0.88	0.88	0.80	0.79	0.79	0.55	0.51	0.28	0.88	0.00	-0.1%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_427	15	4401	4.29	4.11	0.46	4.15	4.22	3.61	4.19	4.02	2.68	2.61	1.48	4.22	0.07	1.6%
NC_428	20	4433	1.30	1.25	0.14	1.25	1.20	1.18	1.27	1.25	0.82	0.79	0.46	1.27	0.02	1.5%
NC_429	10	4357	0.85	0.85	0.09	0.86	0.86	0.78	0.77	0.77	0.53	0.49	0.27	0.86	0.00	0.0%
NC_430	10	4364	1.36	1.36	0.13	1.37	1.37	1.14	1.13	1.15	0.77	0.72	0.39	1.37	0.00	-0.1%
NC_431	20	4433	0.69	0.66	0.10	0.67	0.58	0.66	0.67	0.67	0.48	0.45	0.26	0.67	0.00	0.0%
NC_432	15	4401	3.79	3.68	0.33	3.72	3.58	3.20	3.76	3.61	2.41	2.37	1.35	3.76	0.04	1.1%
NC_433	20	4428	2.91	2.89	0.21	2.91	2.33	2.57	2.94	2.86	1.99	1.95	1.13	2.94	0.03	1.1%
NC_434	20	4433	0.59	0.57	0.07	0.58	0.43	0.56	0.59	0.58	0.42	0.41	0.24	0.59	0.01	1.2%
NC_435	10	4364	0.98	0.99	0.10	1.00	1.00	0.85	0.84	0.85	0.58	0.54	0.29	1.00	-0.01	-0.5%
NC_436	25	4461	4.19	4.17	0.27	4.21	2.94	3.69	4.09	4.06	2.97	2.96	1.74	4.09	-0.12	-2.9%
NC_437	120	4611	216.21	217.44	17.87	217.64	71.09	124.02	124.57	124.63	211.90	217.24	222.71	222.71	5.07	2.3%
NC_438	10	4364	1.78	1.79	0.14	1.80	1.80	1.51	1.59	1.57	1.04	0.99	0.56	1.80	0.00	0.1%
NC_439	20	4433	0.59	0.57	0.07	0.58	0.43	0.56	0.59	0.58	0.42	0.41	0.24	0.59	0.01	1.2%
NC_440	25	4460	4.59	4.60	0.31	4.64	3.39	4.24	4.52	4.47	3.75	3.53	2.26	4.52	-0.12	-2.6%
NC_441	20	4433	1.52	1.47	0.18	1.48	1.30	1.40	1.51	1.48	1.05	1.01	0.59	1.51	0.03	1.8%
NC_442	20	4433	0.89	0.84	0.14	0.84	0.83	0.83	0.84	0.84	0.59	0.54	0.31	0.84	0.00	-0.2%
NC_443	60	4558	19.86	19.66	1.40	19.71	12.16	15.88	17.27	17.01	21.29	20.33	15.75	21.29	1.58	8.0%
NC_444	20	4433	1.44	1.39	0.16	1.40	1.31	1.32	1.41	1.40	0.92	0.90	0.52	1.41	0.01	1.0%
NC_445	20	4433	0.70	0.68	0.08	0.69	0.51	0.66	0.69	0.69	0.51	0.49	0.29	0.69	0.00	0.6%
NC_446	10	4364	2.55	2.56	0.14	2.57	2.57	2.11	2.36	2.29	1.50	1.45	0.83	2.57	0.00	0.0%
NC_447	20	4429	1.92	1.84	0.25	1.86	1.83	1.72	1.86	1.82	1.24	1.18	0.68	1.86	0.00	0.1%
NC_448	25	4461	3.88	3.94	0.26	3.96	2.10	3.40	3.69	3.61	3.34	3.18	2.00	3.69	-0.27	-6.8%
NC_449	25	4394	4.33	4.39	0.33	4.40	3.10	3.83	4.33	4.25	3.16	3.08	1.83	4.33	-0.07	-1.7%
NC_450	25	4394	4.77	4.87	0.37	4.90	2.84	4.11	4.64	4.52	3.78	3.71	2.23	4.64	-0.26	-5.4%
NC_451	25	4394	4.33	4.42	0.36	4.42	2.65	3.75	4.25	4.13	3.43	3.32	1.99	4.25	-0.17	-3.9%
NC_452	120	4499	6.97	6.96	0.47	7.12	2.15	3.85	3.86	3.87	6.81	7.12	7.21	7.21	0.09	1.2%
NC_453	20	4433	1.58	1.50	0.18	1.52	1.43	1.47	1.53	1.52	1.08	1.02	0.61	1.53	0.01	0.4%
NC_454	25	4464	1.49	1.48	0.09	1.49	0.88	1.36	1.42	1.41	1.26	1.18	0.76	1.42	-0.07	-4.7%
NC_455	25	4460	2.47	2.48	0.18	2.50	1.39	2.21	2.39	2.34	2.10	1.98	1.24	2.39	-0.12	-4.6%
NC_456	10	4364	2.10	2.11	0.17	2.13	2.13	1.74	1.84	1.82	1.19	1.14	0.64	2.13	0.00	-0.2%
NC_457	120	4611	216.32	217.60	17.90	217.78	71.18	124.17	124.72	124.79	212.05	217.41	222.75	222.75	4.97	2.3%
NC_458	120	4499	66.34	66.28	4.16	67.15	25.93	40.21	40.97	40.96	63.33	67.15	66.10	67.15	0.00	0.0%
NC_459	10	4364	0.96	0.96	0.10	0.96	0.96	0.82	0.81	0.81	0.56	0.52	0.28	0.96	0.00	0.4%
NC_460	10	4364	0.96	0.96	0.10	0.97	0.97	0.83	0.82	0.83	0.57	0.53	0.29	0.97	0.00	-0.3%
NC_461	20	4428	2.96	2.94	0.20	2.98	2.55	2.60	2.98	2.91	1.90	1.88	1.08	2.98	0.00	-0.1%
NC_462	20	4429	2.51	2.38	0.33	2.41	2.48	2.20	2.41	2.35	1.60	1.52	0.87	2.48	0.07	3.0%
NC_463	10	4364	2.90	2.91	0.15	2.92	2.92	2.47	2.76	2.68	1.77	1.71	0.98	2.92	0.00	0.1%
NC_464	20	4433	0.67	0.64	0.09	0.65	0.57	0.64	0.65	0.65	0.46	0.43	0.25	0.65	0.00	-0.5%
NC_465	10	4364	2.11	2.13	0.15	2.14	2.14	1.87	1.99	1.96	1.30	1.24	0.71	2.14	0.00	-0.1%
NC_466	45	4534	44.15	44.02	1.52	44.19	14.59	29.82	30.57	30.51	38.97	42.03	28.33	42.03	-2.16	-4.9%
NC_467	20	4433	0.59	0.58	0.07	0.58	0.43	0.56	0.59	0.58	0.42	0.41	0.24	0.59	0.01	1.2%
NC_468	20	4433	1.21	1.12	0.20	1.12	1.22	1.12	1.12	1.12	0.77	0.72	0.40	1.22	0.10	8.6%
NC_469	20	4404	2.27	2.26	0.17	2.26	1.86	2.02	2.29	2.23	1.55	1.51	0.88	2.29	0.03	1.2%
NC_470	30	4498	4.70	4.66	0.37	4.73	2.89	4.08	4.37	4.33	3.94	3.85	2.48	4.37	-0.37	-7.7%
NC_471	10	4364	0.96	0.96	0.10	0.97	0.97	0.83	0.81	0.82	0.56	0.52	0.28	0.97	0.00	-0.4%
NC_472	20	4433	1.07	1.06	0.09	1.06	0.75	1.01	1.08	1.06	0.83	0.79	0.48	1.08	0.01	1.4%
NC_473	10	4364	1.00	1.00	0.10	1.01	1.01	0.89	0.88	0.89	0.61	0.57	0.31	1.01	0.00	0.2%
NC_474	20	4433	0.59	0.57	0.07	0.58	0.43	0.55	0.59	0.58	0.42	0.41	0.24	0.59	0.01	0.9%
NC_475	10	4364	0.98	0.97	0.09	0.98	0.98	0.83	0.81	0.83	0.56	0.52	0.28	0.98	0.00	0.2%
NC_476	20	4429	0.73	0.69	0.11	0.69	0.65	0.69	0.69	0.69	0.49	0.45	0.26	0.69	0.00	0.1%
NC_477	20	4371	0.85	0.78	0.14	0.78	0.84	0.78	0.78	0.78	0.54	0.50	0.28	0.84	0.06	8.1%
NC_478	10	4364	1.82	1.84	0.15	1.85	1.85	1.52	1.61	1.58	1.04	0.99	0.56	1.85	0.00	-0.2%
NC_479	10	4364	2.89	2.90	0.16	2.92	2.92	2.34	2.62	2.54	1.65	1.60	0.91	2.92	0.00	-0.1%
NC_480	10	4364	1.61	1.61	0.15	1.63	1.63	1.35	1.35	1.36	0.92	0.86	0.47	1.63	0.00	-0.2%
NC_481	25	4464	1.14	1.14	0.08	1.14	0.65	1.05	1.11	1.09	0.98	0.92	0.59	1.11	-0.03	-3.0%
NC_482	10	4364	1.97	1.99	0.16	2.00	2.00	1.67	1.76	1.74	1.15	1.09	0.61	2.00	0.00	-0.1%
NC_483	60	4558	44.93	43.74	3.23	43.93	15.26	29.50	30.23	30.19	39.89	42.96	29.74	42.96	-0.97	-2.2%
NC_484	60	4558	6.74	6.75	0.42	6.76	2.74	4.41	4.50	4.49	6.50	6.25	5.12	6.50	-0.26	-3.9%
NC_485	45	4528	7.82	7.80	0.51	8.04	4.88	6.66	7.22	7.14	7.19	6.99	5.01	7.22	-0.82	-10.3%
NC_486	10	4364	1.14	1.15	0.11	1.15	1.15	1.04	1.04	1.04	0.72	0.67	0.37	1.15	0.00	0.3%
NC_487	10	4364	1.18	1.16	0.10	1.17	1.17	1.04	0.94	1.00	0.65	0.60	0.33	1.17	0.00	0.2%
NC_488	120	4499	7.30	7.22	0.40	7.28	2.18	3.90	3.92	3.92	6.95	7.28	7.65	7.65	0.37	5.0%
NC_489	20	4433	1.26	1.16	0.20	1.16	1.27	1.16	1.16	1.16	0.80	0.74	0.42	1.27	0.11	9.6%
NC_490	10	4364	1.17	1.17	0.11	1.18	1.18	1.01	0.96	0.99	0.66	0.61	0.33	1.18	0.00	-0.3%
NC_491	10	4364	1.21	1.20	0.11	1.21	1.21	1.05	0.98	1.03	0.67	0.62	0.34	1.21	0.00	-0.1%
NC_492	60	4558	37.39	37.05	2.54	37.09	16.09	26.14	26.82	26.82	35.59	35.24	27.75	35.59	-1.50	-4.0%
NC_493	10	4364	1.72	1.73	0.13	1.74	1.74	1.51	1.60	1.58	1.05	1.00	0.57	1.74	0.00	0.0%
NC_494	10	4364	1.79	1.81	0.14	1.82	1.82	1.52	1.60	1.58	1.04	0.99	0.56	1.82	0.00	-0.2%
NC_495	20	4371	0.82	0.76	0.13	0.76	0.79	0.76	0.76	0.76	0.53	0.49	0.28	0.79	0.03	4.2%
NC_496	10	4364	0.92	0.93	0.09	0.94	0.94	0.81	0.79	0.80	0.55	0.51	0.28	0.94	0.00	-0.5%
NC_497	25	4464	1.11	1.11	0.07	1.11	0.58	0.99	1.06	1.04	0.95	0.89	0.56	1.06	-0.05	-4.5%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_498	10	4364	1.15	1.16	0.12	1.17	1.17	1.04	1.04	1.04	0.72	0.67	0.37	1.17	0.00	0.1%
NC_499	120	4499	66.56	66.52	4.08	67.44	25.90	40.27	40.99	40.98	63.35	67.44	66.39	67.44	0.00	0.0%
NC_500	25	4461	2.58	2.63	0.27	2.66	1.77	2.25	2.63	2.52	2.00	1.93	1.13	2.63	-0.04	-1.3%
NC_501	10	4364	2.91	2.93	0.16	2.94	2.94	2.41	2.69	2.61	1.69	1.64	0.94	2.94	0.00	0.0%
NC_502	120	4611	216.43	217.73	17.93	217.89	71.27	124.30	124.86	124.93	212.22	217.56	222.80	222.80	4.91	2.3%
NC_503	10	4364	2.10	2.11	0.17	2.12	2.12	1.71	1.75	1.75	1.13	1.08	0.61	2.12	0.00	-0.1%
NC_504	20	4399	1.95	1.92	0.19	1.92	1.48	1.73	1.97	1.88	1.42	1.37	0.79	1.97	0.05	2.3%
NC_505	20	4433	1.45	1.39	0.16	1.40	1.29	1.35	1.41	1.40	0.98	0.94	0.55	1.41	0.01	0.6%
NC_506	60	4558	6.68	6.68	0.51	6.68	2.77	4.54	4.66	4.65	6.48	6.18	4.93	6.48	-0.20	-2.9%
NC_507	10	4364	4.32	4.34	0.23	4.36	4.36	3.47	3.87	3.75	2.44	2.36	1.34	4.36	0.00	0.0%
NC_508	20	4399	1.24	1.22	0.11	1.22	0.95	1.14	1.24	1.22	0.88	0.85	0.50	1.24	0.02	1.6%
NC_509	20	4399	1.19	1.18	0.10	1.18	0.76	1.10	1.21	1.18	0.93	0.89	0.53	1.21	0.03	2.4%
NC_510	10	4364	2.85	2.87	0.16	2.88	2.88	2.36	2.63	2.55	1.66	1.60	0.92	2.88	0.00	0.0%
NC_511	10	4364	1.77	1.78	0.14	1.79	1.79	1.50	1.58	1.56	1.03	0.98	0.55	1.79	0.00	0.1%
NC_512	10	4364	1.18	1.19	0.12	1.19	1.19	1.05	1.05	1.06	0.72	0.67	0.37	1.19	0.00	0.3%
NC_513	10	4364	2.52	2.53	0.15	2.55	2.55	2.01	2.24	2.17	1.42	1.37	0.78	2.55	0.00	-0.2%
NC_514	10	4364	1.41	1.41	0.13	1.42	1.42	1.21	1.16	1.20	0.79	0.74	0.40	1.42	0.00	-0.1%
NC_515	25	4462	1.79	1.81	0.16	1.85	1.05	1.60	1.78	1.72	1.44	1.38	0.83	1.78	-0.07	-3.9%
NC_516	10	4364	2.75	2.76	0.14	2.78	2.78	2.21	2.48	2.40	1.56	1.52	0.86	2.78	0.00	-0.2%
NC_517	20	4433	0.75	0.74	0.08	0.74	0.53	0.71	0.75	0.74	0.57	0.55	0.33	0.75	0.01	1.5%
NC_518	15	4401	3.58	3.47	0.35	3.49	3.58	2.93	3.39	3.24	2.11	2.06	1.17	3.58	0.09	2.6%
NC_519	120	4611	216.51	217.84	17.96	217.94	71.36	124.44	124.99	125.06	212.36	217.73	222.77	222.77	4.83	2.2%
NC_520	120	4499	66.60	66.55	4.05	67.48	25.86	40.26	40.95	40.95	63.34	67.48	66.48	67.48	0.00	0.0%
NC_521	20	4433	0.60	0.58	0.07	0.59	0.44	0.56	0.60	0.59	0.43	0.42	0.25	0.60	0.01	1.0%
NC_522	10	4364	2.48	2.49	0.18	2.51	2.51	2.13	2.26	2.23	1.46	1.39	0.79	2.51	0.00	-0.2%
NC_523	10	4364	2.02	2.03	0.16	2.05	2.05	1.66	1.76	1.73	1.14	1.08	0.61	2.05	0.00	-0.1%
NC_524	60	4558	37.35	36.98	2.44	37.02	15.95	26.01	26.66	26.65	35.52	35.15	27.92	35.52	-1.50	-4.0%
NC_525	25	4394	1.54	1.54	0.10	1.55	0.90	1.40	1.50	1.48	1.22	1.16	0.72	1.50	-0.05	-3.4%
NC_526	25	4394	25.75	26.09	1.61	26.23	18.84	22.84	25.32	24.88	26.90	25.26	19.06	26.90	0.67	2.5%
NC_527	30	4498	1.83	1.83	0.12	1.85	0.91	1.57	1.61	1.61	1.53	1.49	0.94	1.61	-0.24	-13.1%
NC_528	45	4534	3.23	3.22	0.16	3.26	1.36	2.39	2.46	2.45	2.78	2.85	1.90	2.85	-0.41	-12.6%
NC_529	45	4496	3.37	3.36	0.11	3.39	1.36	2.40	2.46	2.45	2.96	3.00	2.10	3.00	-0.39	-11.4%
NC_530	10	4364	1.07	1.08	0.11	1.09	1.09	0.95	0.94	0.95	0.65	0.60	0.33	1.09	0.00	-0.4%
NC_531	10	4357	0.94	0.95	0.10	0.96	0.96	0.86	0.85	0.86	0.59	0.55	0.30	0.96	-0.01	-0.5%
NC_532	120	4611	216.66	218.02	18.01	218.07	71.50	124.64	125.21	125.28	212.60	217.98	222.79	222.79	4.72	2.2%
NC_533	10	4364	0.98	0.97	0.09	0.98	0.98	0.83	0.81	0.82	0.56	0.52	0.28	0.98	0.00	0.1%
NC_534	45	4528	2.77	2.74	0.22	2.82	1.36	2.32	2.41	2.40	2.38	2.31	1.48	2.41	-0.41	-14.5%
NC_535	120	4499	216.69	218.04	18.04	218.12	71.60	124.80	125.36	125.43	212.75	218.12	222.65	222.65	4.53	2.1%
NC_536	45	4528	3.00	3.02	0.21	3.09	1.36	2.35	2.43	2.42	2.57	2.59	1.67	2.59	-0.50	-16.1%
NC_537	10	4364	1.00	0.99	0.09	1.00	1.00	0.87	0.81	0.85	0.56	0.52	0.28	1.00	0.00	0.1%
NC_538	15	4401	3.92	3.77	0.38	3.80	3.88	3.21	3.75	3.61	2.32	2.28	1.30	3.88	0.08	2.1%
NC_539	60	4558	37.24	36.85	2.34	36.88	15.79	25.85	26.46	26.46	35.39	35.01	28.07	35.39	-1.49	-4.0%
NC_540	10	4364	0.96	0.96	0.09	0.97	0.97	0.82	0.80	0.81	0.56	0.52	0.28	0.97	-0.01	-0.5%
NC_541	45	4528	6.63	6.72	0.47	6.79	2.81	5.01	5.21	5.17	6.48	6.05	4.68	6.48	-0.31	-4.6%
NC_542	10	4364	0.95	0.96	0.10	0.96	0.96	0.82	0.81	0.82	0.56	0.52	0.28	0.96	0.00	0.3%
NC_543	15	4401	4.60	4.49	0.36	4.53	4.41	3.71	4.44	4.25	2.74	2.71	1.54	4.44	-0.09	-2.0%
NC_544	20	4433	0.89	0.86	0.12	0.86	0.77	0.85	0.86	0.86	0.62	0.58	0.34	0.86	0.00	0.3%
NC_545	20	4433	1.37	1.35	0.14	1.35	1.09	1.29	1.37	1.35	0.99	0.95	0.57	1.37	0.02	1.3%
NC_546	20	4433	0.81	0.79	0.09	0.80	0.59	0.77	0.81	0.80	0.61	0.58	0.35	0.81	0.01	1.1%
NC_547	20	4433	0.62	0.60	0.09	0.61	0.48	0.59	0.61	0.61	0.44	0.42	0.25	0.61	0.00	0.0%
NC_548	10	4357	1.09	1.10	0.06	1.10	1.10	0.87	0.97	0.94	0.61	0.59	0.33	1.10	0.00	0.3%
NC_549	20	4371	0.82	0.76	0.14	0.76	0.82	0.76	0.75	0.76	0.52	0.48	0.27	0.82	0.06	8.2%
NC_550	20	4433	1.34	1.29	0.17	1.30	1.11	1.24	1.32	1.30	0.92	0.89	0.52	1.32	0.02	1.7%
NC_551	20	4399	2.00	1.98	0.18	1.99	1.46	1.79	2.03	1.96	1.51	1.45	0.86	2.03	0.04	1.9%
NC_552	20	4429	1.75	1.65	0.25	1.67	1.74	1.57	1.67	1.64	1.10	1.04	0.60	1.74	0.07	4.1%
NC_553	20	4433	1.57	1.52	0.16	1.52	1.44	1.43	1.54	1.52	1.00	0.98	0.57	1.54	0.02	1.3%
NC_554	20	4433	0.64	0.63	0.07	0.63	0.46	0.61	0.64	0.63	0.47	0.45	0.27	0.64	0.01	1.4%
NC_555	15	4401	8.05	7.80	0.78	7.84	7.93	6.55	7.68	7.37	4.82	4.70	2.68	7.93	0.09	1.1%
NC_556	20	4429	0.69	0.66	0.10	0.67	0.60	0.66	0.67	0.67	0.47	0.44	0.26	0.67	-0.01	-0.7%
NC_557	10	4364	1.00	1.01	0.10	1.02	1.02	0.92	0.92	0.92	0.63	0.59	0.33	1.02	0.00	-0.2%
NC_558	60	4558	37.77	37.28	2.09	37.31	15.78	25.88	26.47	26.47	35.69	35.38	29.05	35.69	-1.62	-4.4%
NC_559	15	4401	8.73	8.53	0.72	8.62	8.44	7.03	8.41	7.97	5.28	5.19	2.92	8.44	-0.18	-2.1%
NC_560	180	4653	7.82	7.94	0.79	8.13	2.22	3.98	3.99	4.00	7.20	7.59	8.13	8.13	0.00	0.0%
NC_561	15	4401	10.22	10.12	0.72	10.22	9.65	8.19	9.88	9.32	6.25	6.14	3.45	9.88	-0.34	-3.3%
NC_562	10	4364	1.71	1.72	0.16	1.73	1.73	1.45	1.46	1.46	0.99	0.92	0.51	1.73	0.00	0.1%
NC_563	10	4364	1.24	1.25	0.12	1.26	1.26	1.12	1.12	1.13	0.77	0.72	0.40	1.26	0.00	-0.1%
NC_564	20	4433	1.51	1.45	0.17	1.45	1.42	1.37	1.47	1.45	0.94	0.91	0.53	1.47	0.02	1.4%
NC_565	10	4364	0.98	0.97	0.09	0.98	0.98	0.83	0.81	0.82	0.56	0.52	0.28	0.98	0.00	0.2%
NC_566	10	4364	1.08	1.08	0.11	1.09	1.09	0.93	0.92	0.92	0.63	0.59	0.32	1.09	0.00	0.2%
NC_567	10	4364	0.93	0.93	0.09	0.94	0.94	0.81	0.80	0.80	0.55	0.51	0.28	0.94	0.00	-0.2%
NC_568	20	4433	0.73	0.69	0.11	0.69	0.68	0.69	0.69	0.69	0.49	0.45	0.26	0.69	0.00	0.6%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_569	20	4429	0.81	0.78	0.10	0.79	0.80	0.70	0.79	0.76	0.51	0.49	0.28	0.80	0.01	1.6%
NC_570	20	4433	0.78	0.74	0.12	0.74	0.73	0.74	0.74	0.74	0.52	0.48	0.27	0.74	0.00	-0.1%
NC_571	120	4499	68.94	69.16	3.28	70.39	26.24	41.97	41.61	41.69	64.99	70.39	69.19	70.39	0.00	0.0%
NC_572	20	4433	1.26	1.22	0.14	1.23	1.07	1.18	1.24	1.23	0.86	0.84	0.50	1.24	0.01	1.1%
NC_573	15	4401	11.48	11.58	0.47	11.66	10.23	8.93	11.31	10.85	7.14	7.07	3.95	11.31	-0.35	-3.0%
NC_574	120	4499	112.25	111.65	10.78	114.47	44.68	72.76	73.45	73.53	112.02	114.47	110.96	114.47	0.00	0.0%
NC_575	25	4394	15.59	15.85	1.05	15.93	9.63	13.57	15.01	14.71	12.44	12.32	7.46	15.01	-0.92	-5.8%
NC_576	20	4371	0.87	0.80	0.15	0.80	0.88	0.80	0.79	0.80	0.55	0.51	0.28	0.88	0.08	9.4%
NC_577	60	4558	44.10	42.96	2.50	43.10	14.50	28.25	28.85	28.83	39.64	42.25	31.27	42.25	-0.85	-2.0%
NC_578	20	4433	0.73	0.69	0.11	0.69	0.67	0.69	0.69	0.69	0.49	0.45	0.26	0.69	0.00	0.0%
NC_579	20	4433	1.28	1.24	0.16	1.25	1.01	1.20	1.27	1.25	0.90	0.87	0.51	1.27	0.02	1.8%
NC_580	10	4364	1.07	1.06	0.10	1.07	1.07	0.93	0.86	0.91	0.60	0.55	0.30	1.07	0.00	0.0%
NC_581	25	4458	18.39	18.19	1.22	18.53	14.79	15.63	18.31	18.03	11.86	12.24	7.04	18.31	-0.22	-1.2%
NC_582	20	4433	0.60	0.59	0.07	0.59	0.44	0.57	0.60	0.59	0.43	0.42	0.25	0.60	0.01	1.4%
NC_583	20	4433	1.11	1.03	0.18	1.03	1.12	1.03	1.03	1.03	0.71	0.66	0.37	1.12	0.09	8.3%
NC_584	20	4371	0.86	0.80	0.15	0.80	0.88	0.80	0.79	0.80	0.55	0.51	0.28	0.88	0.08	9.5%
NC_585	60	4558	37.64	37.15	2.01	37.17	15.62	25.70	26.25	26.26	35.55	35.23	29.23	35.55	-1.62	-4.3%
NC_586	15	4407	12.72	12.80	0.41	12.86	11.05	10.22	12.62	12.25	7.94	7.93	4.46	12.62	-0.24	-1.9%
NC_587	60	4558	51.70	50.94	2.06	50.98	21.51	34.98	35.53	35.56	48.25	47.80	41.60	48.25	-2.73	-5.4%
NC_588	10	4364	2.87	2.89	0.22	2.90	2.90	2.35	2.52	2.47	1.62	1.55	0.88	2.90	0.00	0.1%
NC_589	20	4433	1.37	1.32	0.17	1.33	1.14	1.27	1.35	1.33	0.95	0.91	0.53	1.35	0.02	1.8%
NC_590	20	4399	3.74	3.70	0.31	3.71	3.27	3.43	3.73	3.68	2.44	2.38	1.42	3.73	0.02	0.5%
NC_591	25	4458	18.73	18.60	0.99	18.97	13.84	16.21	18.26	18.08	12.19	12.93	7.54	18.26	-0.71	-3.7%
NC_592	20	4433	1.09	1.00	0.18	1.00	1.10	1.00	1.00	1.00	0.69	0.64	0.36	1.10	0.10	10.1%
NC_593	120	4499	112.31	111.68	10.75	114.48	44.64	72.72	73.41	73.49	112.01	114.48	111.08	114.48	0.00	0.0%
NC_594	20	4433	0.63	0.61	0.09	0.62	0.51	0.60	0.62	0.62	0.44	0.42	0.25	0.62	0.00	0.2%
NC_595	25	4394	14.76	15.01	1.04	15.07	9.22	12.88	14.29	14.00	11.74	11.55	6.98	14.29	-0.78	-5.2%
NC_596	20	4429	1.86	1.76	0.26	1.78	1.84	1.67	1.78	1.75	1.18	1.12	0.64	1.84	0.06	3.6%
NC_597	10	4364	1.03	1.01	0.08	1.02	1.02	0.91	0.81	0.87	0.56	0.52	0.28	1.02	0.00	-0.1%
NC_598	120	4499	208.78	209.37	18.09	212.02	70.30	122.16	122.73	122.80	206.90	212.02	212.09	212.09	0.07	0.0%
NC_599	10	4364	1.97	1.99	0.16	2.00	2.00	1.63	1.72	1.70	1.12	1.06	0.60	2.00	0.00	-0.1%
NC_600	20	4367	14.01	14.22	1.02	14.35	11.86	11.70	14.01	13.78	8.82	8.87	5.02	14.01	-0.34	-2.4%
NC_601	120	4499	112.36	111.69	10.73	114.48	44.61	72.68	73.37	73.45	111.99	114.48	111.17	114.48	0.00	0.0%
NC_602	20	4429	2.85	2.74	0.36	2.77	2.75	2.54	2.77	2.71	1.82	1.75	1.01	2.77	0.00	0.1%
NC_603	120	4499	122.20	121.06	9.58	123.19	45.15	74.05	74.51	74.62	120.93	123.19	121.61	123.19	0.00	0.0%
NC_604	60	4558	159.66	158.95	4.20	159.14	58.22	101.44	102.03	102.14	160.48	165.63	153.02	165.63	6.49	4.1%
NC_605	120	4499	215.94	216.58	18.44	218.87	72.25	125.71	126.30	126.36	213.48	218.87	219.98	219.98	1.11	0.5%
NC_606	120	4499	122.16	121.00	9.54	123.16	45.02	73.95	74.38	74.48	120.71	123.16	121.78	123.16	0.00	0.0%
NC_607	120	4499	122.28	121.13	9.60	123.26	45.23	74.13	74.62	74.72	121.14	123.26	121.57	123.26	0.00	0.0%
NC_608	15	4401	15.72	15.75	0.57	15.84	13.79	12.50	15.54	15.02	9.78	9.88	5.55	15.54	-0.30	-1.9%
NC_609	25	4458	14.07	13.95	0.89	14.14	10.79	12.29	13.91	13.84	9.10	9.45	5.46	13.91	-0.23	-1.6%
NC_610	60	4558	159.45	158.72	4.13	158.90	58.11	101.22	101.79	101.91	160.35	165.52	153.49	165.52	6.62	4.2%
NC_611	10	4364	1.58	1.60	0.15	1.61	1.61	1.36	1.37	1.37	0.93	0.87	0.48	1.61	0.00	-0.2%
NC_612	20	4429	3.56	3.46	0.38	3.51	3.41	3.06	3.51	3.38	2.29	2.22	1.27	3.51	0.00	0.0%
NC_613	20	4429	1.96	1.84	0.28	1.86	1.98	1.74	1.86	1.82	1.22	1.16	0.66	1.98	0.12	6.3%
NC_614	20	4428	2.39	2.38	0.19	2.39	1.72	2.11	2.42	2.33	1.81	1.75	1.03	2.42	0.03	1.4%
NC_615	20	4429	0.78	0.74	0.12	0.74	0.73	0.73	0.74	0.74	0.51	0.48	0.27	0.74	0.00	0.4%
NC_616	120	4499	116.40	115.54	10.19	117.68	44.97	73.37	74.01	74.09	114.11	117.68	115.25	117.68	0.00	0.0%
NC_617	20	4433	1.08	1.00	0.18	1.00	1.07	1.00	1.00	1.01	0.70	0.65	0.36	1.07	0.07	7.3%
NC_618	10	4364	0.92	0.92	0.09	0.93	0.93	0.80	0.79	0.80	0.55	0.51	0.28	0.93	0.00	-0.2%
NC_619	60	4558	159.33	158.59	4.17	158.78	58.12	101.22	101.80	101.92	160.20	165.37	153.03	165.37	6.59	4.1%
NC_620	120	4499	208.70	209.23	18.13	212.08	70.35	122.22	122.80	122.86	206.94	212.08	211.80	212.08	0.00	0.0%
NC_621	120	4499	215.95	216.65	18.39	218.73	72.16	125.58	126.16	126.22	213.34	218.73	220.22	220.22	1.49	0.7%
NC_622	25	4460	1.03	1.03	0.09	1.03	0.63	0.95	1.02	1.01	0.84	0.80	0.49	1.02	-0.01	-0.8%
NC_623	120	4499	118.07	116.81	9.75	118.71	44.87	73.32	73.92	74.00	115.45	118.71	117.60	118.71	0.00	0.0%
NC_624	10	4364	1.08	1.07	0.10	1.08	1.08	0.92	0.89	0.91	0.61	0.57	0.31	1.08	0.00	0.1%
NC_625	25	4461	3.79	3.83	0.27	3.83	2.82	3.38	3.80	3.75	2.71	2.64	1.58	3.80	-0.03	-0.7%
NC_626	60	4558	51.86	51.10	2.11	51.14	21.68	35.17	35.74	35.78	48.37	47.94	41.43	48.37	-2.78	-5.4%
NC_627	20	4433	0.65	0.63	0.09	0.64	0.52	0.62	0.64	0.64	0.46	0.44	0.26	0.64	0.00	0.3%
NC_628	20	4433	0.65	0.63	0.09	0.63	0.54	0.62	0.63	0.63	0.45	0.42	0.25	0.63	0.00	0.6%
NC_629	120	4499	117.00	116.04	10.01	118.04	44.97	73.38	74.01	74.09	114.62	118.04	116.07	118.04	0.00	0.0%
NC_630	20	4399	1.93	1.92	0.15	1.93	1.32	1.75	1.96	1.89	1.51	1.45	0.86	1.96	0.03	1.5%
NC_631	10	4364	1.04	1.02	0.08	1.02	1.03	0.92	0.82	0.88	0.57	0.53	0.29	1.03	0.00	0.5%
NC_632	10	4364	0.95	0.95	0.10	0.96	0.96	0.83	0.81	0.82	0.56	0.52	0.28	0.96	0.00	-0.3%
NC_633	10	4364	0.99	0.98	0.10	0.99	0.99	0.84	0.82	0.83	0.57	0.53	0.29	0.99	0.00	0.3%
NC_634	25	4458	20.10	19.99	0.89	20.33	13.84	17.52	19.27	19.14	13.50	14.57	8.60	19.27	-1.06	-5.2%
NC_635	45	4534	29.12	28.94	1.39	29.51	17.89	24.88	26.60	26.45	28.92	29.15	22.01	29.15	-0.36	-1.2%
NC_636	20	4371	0.83	0.77	0.14	0.77	0.82	0.77	0.76	0.77	0.53	0.49	0.27	0.82	0.05	6.8%
NC_637	60	4558	38.05	37.44	1.66	37.47	15.41	25.54	26.03	26.04	35.79	35.46	30.78	35.79	-1.68	-4.5%
NC_638	10	4364	2.05	2.07	0.16	2.08	2.08	1.75	1.85	1.83	1.21	1.15	0.65	2.08	0.00	-0.1%
NC_639	25	4394	12.06	12.27	0.85	12.29	7.45	10.55	11.66	11.43	9.57	9.38	5.66	11.66	-0.63	-5.2%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_640	25	4464	0.98	0.97	0.08	0.98	0.55	0.89	0.95	0.94	0.81	0.77	0.48	0.95	-0.03	-2.7%
NC_641	10	4364	1.02	1.00	0.09	1.01	1.01	0.89	0.81	0.86	0.56	0.52	0.28	1.01	0.00	0.3%
NC_642	45	4533	18.18	18.17	0.68	18.40	9.04	13.80	14.20	14.18	14.14	14.68	10.40	14.68	-3.72	-20.2%
NC_643	10	4364	1.00	0.99	0.09	1.00	1.00	0.87	0.81	0.85	0.56	0.52	0.28	1.00	0.00	0.3%
NC_644	15	4401	16.33	16.22	1.05	16.37	14.84	13.37	16.22	15.45	10.51	10.33	5.82	16.22	-0.15	-0.9%
NC_645	20	4433	0.90	0.84	0.15	0.84	0.88	0.84	0.84	0.84	0.58	0.54	0.30	0.88	0.04	5.0%
NC_646	20	4433	0.60	0.59	0.07	0.59	0.44	0.57	0.60	0.59	0.43	0.42	0.25	0.60	0.01	1.4%
NC_647	10	4364	1.00	1.00	0.10	1.01	1.01	0.86	0.84	0.85	0.58	0.54	0.29	1.01	0.00	0.2%
NC_648	20	4428	3.71	3.67	0.29	3.70	3.19	3.25	3.72	3.61	2.48	2.42	1.41	3.72	0.02	0.5%
NC_649	20	4399	2.45	2.41	0.22	2.42	2.12	2.23	2.44	2.41	1.60	1.57	0.92	2.44	0.02	0.9%
NC_650	120	4499	117.09	116.07	9.98	118.06	44.90	73.31	73.93	74.01	114.63	118.06	116.26	118.06	0.00	0.0%
NC_651	10	4364	1.34	1.35	0.13	1.36	1.36	1.19	1.19	1.19	0.81	0.76	0.42	1.36	0.00	0.1%
NC_652	120	4499	206.26	205.82	18.59	211.33	70.28	122.06	122.63	122.70	206.22	211.33	208.35	211.33	0.00	0.0%
NC_653	20	4429	1.66	1.56	0.24	1.58	1.64	1.49	1.58	1.55	1.04	0.99	0.56	1.64	0.06	4.0%
NC_654	20	4429	1.78	1.70	0.24	1.71	1.74	1.60	1.71	1.68	1.14	1.08	0.62	1.74	0.03	1.8%
NC_655	20	4399	1.87	1.83	0.19	1.84	1.46	1.68	1.88	1.82	1.33	1.29	0.75	1.88	0.04	2.4%
NC_656	15	4401	14.12	13.96	1.00	14.11	12.99	11.60	14.03	13.33	9.09	8.93	5.02	14.03	-0.08	-0.6%
NC_657	120	4499	117.94	116.76	9.82	118.67	44.93	73.40	74.00	74.09	115.43	118.67	117.34	118.67	0.00	0.0%
NC_658	90	4395	179.80	181.47	10.52	182.20	65.88	111.57	112.03	112.17	182.20	186.64	173.58	186.64	4.44	2.4%
NC_659	20	4429	1.61	1.53	0.22	1.55	1.55	1.45	1.55	1.52	1.03	0.98	0.56	1.55	0.00	0.0%
NC_660	120	4499	117.13	116.08	9.96	118.07	44.88	73.28	73.90	73.98	114.65	118.07	116.37	118.07	0.00	0.0%
NC_661	20	4429	1.82	1.74	0.21	1.75	1.79	1.65	1.75	1.73	1.12	1.07	0.62	1.79	0.04	2.2%
NC_662	20	4433	1.44	1.42	0.15	1.42	1.07	1.34	1.45	1.42	1.06	1.03	0.61	1.45	0.03	2.2%
NC_663	20	4371	0.82	0.76	0.14	0.76	0.81	0.76	0.75	0.76	0.53	0.49	0.27	0.81	0.05	6.3%
NC_664	20	4429	2.51	2.42	0.29	2.46	2.40	2.19	2.46	2.38	1.61	1.56	0.89	2.46	0.00	0.1%
NC_665	20	4433	1.31	1.26	0.16	1.27	1.10	1.21	1.30	1.27	0.90	0.87	0.50	1.30	0.03	2.2%
NC_666	120	4499	206.36	205.94	18.63	211.50	70.36	122.20	122.78	122.84	206.42	211.50	208.36	211.50	0.00	0.0%
NC_667	20	4433	0.81	0.78	0.11	0.79	0.68	0.78	0.79	0.79	0.57	0.53	0.32	0.79	0.00	0.0%
NC_668	20	4433	0.68	0.65	0.09	0.66	0.54	0.65	0.67	0.66	0.48	0.45	0.27	0.67	0.01	0.8%
NC_669	10	4364	0.89	0.90	0.09	0.90	0.90	0.82	0.81	0.82	0.56	0.52	0.29	0.90	0.00	0.3%
NC_670	10	4364	1.03	1.04	0.10	1.05	1.05	0.90	0.89	0.90	0.61	0.57	0.31	1.05	0.00	-0.3%
NC_671	20	4433	0.80	0.77	0.11	0.77	0.67	0.76	0.78	0.77	0.56	0.52	0.31	0.78	0.01	0.6%
NC_672	20	4429	2.16	2.08	0.25	2.11	2.06	1.89	2.11	2.05	1.38	1.33	0.77	2.11	0.00	0.0%
NC_673	10	4364	1.12	1.13	0.11	1.13	1.13	0.96	0.95	0.95	0.65	0.60	0.33	1.13	0.00	0.4%
NC_674	20	4371	0.82	0.76	0.14	0.76	0.82	0.76	0.75	0.76	0.53	0.49	0.27	0.82	0.06	7.6%
NC_675	20	4367	3.04	2.96	0.31	2.96	2.78	2.61	3.02	2.90	2.00	1.95	1.11	3.02	0.06	2.1%
NC_676	20	4433	2.09	2.00	0.24	2.01	1.90	1.86	2.07	2.01	1.38	1.34	0.76	2.07	0.06	2.9%
NC_677	10	4364	1.14	1.15	0.12	1.16	1.16	1.00	0.99	1.00	0.68	0.64	0.35	1.16	0.00	-0.4%
NC_678	25	4460	3.14	3.16	0.23	3.19	2.18	2.90	3.15	3.11	2.36	2.25	1.39	3.15	-0.04	-1.4%
NC_679	20	4367	4.90	4.79	0.51	4.81	4.49	4.17	4.89	4.68	3.22	3.14	1.78	4.89	0.08	1.6%
NC_680	20	4433	0.73	0.69	0.11	0.69	0.66	0.69	0.69	0.69	0.49	0.45	0.26	0.69	0.00	0.3%
NC_681	15	4401	9.97	9.80	0.76	9.91	9.29	8.09	9.86	9.37	6.34	6.23	3.51	9.86	-0.05	-0.5%
NC_682	20	4433	1.76	1.69	0.21	1.70	1.54	1.60	1.73	1.70	1.17	1.13	0.65	1.73	0.03	2.0%
NC_683	20	4433	0.62	0.60	0.08	0.61	0.46	0.59	0.62	0.61	0.44	0.43	0.26	0.62	0.01	1.1%
NC_684	20	4429	1.58	1.49	0.23	1.50	1.56	1.42	1.50	1.48	1.00	0.94	0.54	1.56	0.06	4.0%
NC_685	20	4433	0.71	0.67	0.09	0.68	0.62	0.66	0.68	0.68	0.47	0.44	0.25	0.68	0.00	0.6%
NC_686	45	4496	17.30	17.12	0.83	17.35	9.21	13.49	14.07	14.04	13.26	13.76	9.40	14.07	-3.28	-18.9%
NC_687	20	4429	6.26	6.27	0.47	6.30	5.07	5.29	6.30	6.07	4.38	4.29	2.46	6.30	0.00	0.0%
NC_688	20	4429	2.24	2.10	0.33	2.12	2.23	2.01	2.12	2.09	1.42	1.35	0.76	2.23	0.11	5.0%
NC_689	10	4364	0.90	0.91	0.09	0.92	0.92	0.82	0.82	0.82	0.57	0.53	0.29	0.92	-0.01	-0.5%
NC_690	25	4464	2.65	2.63	0.12	2.64	1.73	2.49	2.55	2.55	2.00	1.91	1.22	2.55	-0.09	-3.5%
NC_691	20	4433	0.80	0.78	0.11	0.78	0.66	0.77	0.79	0.78	0.57	0.53	0.32	0.79	0.01	0.6%
NC_692	20	4428	1.88	1.87	0.13	1.87	1.54	1.69	1.88	1.85	1.21	1.19	0.69	1.88	0.01	0.6%
NC_693	25	4464	3.59	3.58	0.19	3.58	2.54	3.32	3.50	3.46	2.83	2.64	1.73	3.50	-0.08	-2.3%
NC_694	20	4433	1.00	0.97	0.14	0.98	0.83	0.94	0.99	0.98	0.68	0.65	0.38	0.99	0.01	1.0%
NC_695	20	4399	2.12	2.10	0.18	2.10	1.84	1.96	2.11	2.09	1.41	1.37	0.82	2.11	0.01	0.6%
NC_696	90	4395	180.23	181.77	10.35	182.43	65.84	111.59	112.06	112.18	182.43	186.88	174.39	186.88	4.45	2.4%
NC_697	20	4429	1.52	1.46	0.17	1.47	1.45	1.38	1.47	1.45	0.95	0.92	0.53	1.47	0.00	0.1%
NC_698	20	4433	0.68	0.67	0.08	0.67	0.50	0.65	0.68	0.67	0.50	0.48	0.29	0.68	0.01	1.3%
NC_699	10	4364	0.97	0.97	0.10	0.98	0.98	0.83	0.82	0.83	0.57	0.53	0.29	0.98	0.00	0.2%
NC_700	90	4532	206.33	206.65	9.39	206.71	70.47	122.35	122.93	123.00	206.58	211.66	207.58	211.66	4.95	2.4%
NC_701	20	4367	16.78	16.90	1.34	16.97	13.93	13.79	16.84	16.21	11.30	11.31	6.43	16.84	-0.13	-0.8%
NC_702	10	4364	0.91	0.92	0.09	0.93	0.93	0.80	0.79	0.80	0.55	0.51	0.28	0.93	0.00	-0.4%
NC_703	10	4357	0.95	0.95	0.10	0.96	0.96	0.82	0.81	0.81	0.56	0.52	0.28	0.96	0.00	-0.4%
NC_704	20	4433	0.67	0.65	0.09	0.66	0.52	0.64	0.66	0.66	0.48	0.46	0.27	0.66	0.00	0.6%
NC_705	20	4433	0.83	0.81	0.11	0.82	0.65	0.80	0.83	0.82	0.61	0.58	0.35	0.83	0.01	0.6%
NC_706	15	4401	5.72	5.60	0.47	5.66	5.47	4.61	5.57	5.25	3.55	3.48	1.96	5.57	-0.09	-1.7%
NC_707	20	4429	1.81	1.70	0.26	1.71	1.83	1.62	1.71	1.69	1.13	1.07	0.61	1.83	0.12	7.2%
NC_708	20	4429	16.39	16.47	1.32	16.48	13.81	13.49	16.48	15.82	11.00	10.93	6.19	16.48	0.00	0.0%
NC_709	30	4498	11.94	11.76	0.87	12.03	7.43	10.35	11.12	11.04	8.69	9.28	5.77	11.12	-0.91	-7.5%
NC_710	25	4394	4.70	4.76	0.27	4.77	3.09	4.21	4.58	4.51	3.65	3.50	2.18	4.58	-0.19	-4.1%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_711	20	4433	0.72	0.69	0.11	0.69	0.65	0.68	0.69	0.69	0.49	0.45	0.26	0.69	0.00	-0.4%
NC_712	20	4371	0.83	0.76	0.14	0.77	0.84	0.77	0.76	0.76	0.53	0.49	0.27	0.84	0.07	8.7%
NC_713	20	4433	1.43	1.37	0.18	1.38	1.21	1.32	1.41	1.38	0.98	0.94	0.55	1.41	0.03	2.0%
NC_714	90	4532	206.24	206.64	9.53	206.65	70.57	122.49	123.08	123.14	206.63	211.71	206.53	211.71	5.06	2.4%
NC_715	20	4399	2.06	2.02	0.20	2.03	1.62	1.86	2.08	2.01	1.47	1.43	0.83	2.08	0.05	2.3%
NC_716	20	4433	0.86	0.83	0.12	0.84	0.70	0.82	0.84	0.84	0.61	0.58	0.34	0.84	0.00	0.0%
NC_717	20	4433	1.43	1.36	0.19	1.37	1.33	1.31	1.39	1.37	0.94	0.89	0.51	1.39	0.02	1.5%
NC_718	20	4433	2.28	2.22	0.25	2.23	1.76	2.08	2.29	2.23	1.63	1.57	0.92	2.29	0.06	2.5%
NC_719	45	4534	5.10	5.15	0.38	5.22	2.00	2.85	2.96	2.94	4.06	3.90	2.80	4.06	-1.16	-22.3%
NC_720	20	4399	3.78	3.76	0.33	3.77	2.90	3.35	3.83	3.69	2.78	2.69	1.57	3.83	0.06	1.6%
NC_721	10	4357	0.86	0.87	0.09	0.88	0.88	0.79	0.79	0.79	0.55	0.51	0.28	0.88	0.00	-0.3%
NC_722	20	4429	1.57	1.50	0.22	1.51	1.49	1.43	1.51	1.49	1.02	0.96	0.55	1.51	0.00	-0.3%
NC_723	20	4433	1.35	1.30	0.15	1.30	1.25	1.24	1.32	1.30	0.90	0.86	0.50	1.32	0.02	1.4%
NC_724	20	4433	0.93	0.88	0.13	0.89	0.84	0.88	0.88	0.89	0.63	0.58	0.34	0.89	-0.01	-0.6%
NC_725	25	4458	12.09	11.99	0.51	12.03	7.89	10.56	11.52	11.41	8.73	9.20	5.60	11.52	-0.51	-4.3%
NC_726	20	4433	0.61	0.60	0.09	0.60	0.48	0.59	0.61	0.60	0.44	0.42	0.25	0.61	0.01	1.2%
NC_727	20	4371	0.78	0.73	0.13	0.73	0.76	0.73	0.73	0.73	0.51	0.47	0.26	0.76	0.03	3.8%
NC_728	20	4429	0.90	0.86	0.13	0.86	0.81	0.85	0.86	0.86	0.61	0.56	0.33	0.86	0.00	-0.1%
NC_729	20	4429	14.41	14.39	1.27	14.41	12.69	11.91	14.41	13.77	9.59	9.40	5.30	14.41	0.00	0.0%
NC_730	90	4395	186.72	188.49	10.63	189.32	66.28	112.47	112.92	113.06	189.32	194.05	180.53	194.05	4.73	2.5%
NC_731	20	4371	0.83	0.77	0.14	0.77	0.84	0.77	0.76	0.77	0.53	0.49	0.27	0.84	0.07	9.5%
NC_732	90	4395	206.02	206.58	9.77	206.66	70.70	122.66	123.26	123.33	206.66	211.75	204.34	211.75	5.09	2.5%
NC_733	20	4433	1.48	1.43	0.16	1.44	1.31	1.36	1.46	1.44	0.96	0.94	0.55	1.46	0.02	1.0%
NC_734	20	4371	0.83	0.77	0.14	0.77	0.83	0.77	0.76	0.77	0.53	0.49	0.27	0.83	0.06	7.8%
NC_735	10	4364	0.93	0.93	0.09	0.94	0.94	0.80	0.80	0.80	0.55	0.51	0.28	0.94	0.00	0.0%
NC_736	10	4364	2.02	2.04	0.19	2.05	2.05	1.75	1.78	1.78	1.19	1.12	0.62	2.05	0.00	0.1%
NC_737	15	4401	4.91	4.76	0.50	4.79	4.86	4.02	4.72	4.50	3.04	2.94	1.67	4.86	0.07	1.4%
NC_738	20	4433	0.61	0.59	0.08	0.60	0.47	0.58	0.60	0.60	0.43	0.42	0.25	0.60	0.00	0.3%
NC_739	10	4364	1.09	1.09	0.11	1.10	1.10	0.97	0.97	0.97	0.66	0.62	0.34	1.10	0.00	0.3%
NC_740	45	4496	11.24	11.20	0.52	11.23	5.66	9.14	9.32	9.34	9.10	9.42	6.07	9.42	-1.81	-16.1%
NC_741	90	4395	205.77	206.27	9.67	206.30	70.54	122.42	123.00	123.07	206.31	211.41	204.81	211.41	5.11	2.5%
NC_742	10	4364	2.52	2.53	0.14	2.54	2.54	2.13	2.37	2.30	1.51	1.46	0.83	2.54	0.00	0.0%
NC_743	20	4433	0.79	0.75	0.12	0.75	0.72	0.75	0.75	0.75	0.53	0.49	0.28	0.75	0.00	0.1%
NC_744	25	4394	9.13	9.28	0.86	9.31	6.56	8.03	9.17	8.87	7.13	6.93	4.14	9.17	-0.14	-1.5%
NC_745	20	4399	11.43	11.37	1.02	11.42	10.14	9.54	11.44	10.88	7.56	7.40	4.16	11.44	0.02	0.2%
NC_746	10	4364	0.86	0.86	0.09	0.87	0.87	0.78	0.77	0.78	0.53	0.49	0.27	0.87	0.00	0.0%
NC_747	20	4429	1.57	1.51	0.18	1.52	1.52	1.43	1.52	1.50	0.98	0.94	0.54	1.52	0.00	0.1%
NC_748	20	4433	0.78	0.73	0.13	0.73	0.75	0.73	0.73	0.73	0.51	0.47	0.27	0.75	0.02	2.3%
NC_749	25	4466	8.59	8.56	0.52	8.59	6.26	7.56	8.46	8.33	6.06	6.09	3.68	8.46	-0.13	-1.5%
NC_750	90	4395	207.59	209.51	12.28	210.79	76.19	126.29	127.12	127.11	210.79	215.65	199.11	215.65	4.86	2.3%
NC_751	10	4364	0.88	0.89	0.09	0.90	0.90	0.79	0.78	0.78	0.54	0.50	0.27	0.90	-0.01	-0.6%
NC_752	10	4364	1.77	1.78	0.14	1.79	1.79	1.53	1.61	1.59	1.05	1.00	0.56	1.79	0.00	-0.1%
NC_753	20	4433	1.14	1.06	0.19	1.06	1.15	1.05	1.05	1.06	0.73	0.68	0.38	1.15	0.09	8.7%
NC_754	25	4464	1.31	1.30	0.08	1.31	0.76	1.20	1.24	1.24	1.11	1.05	0.67	1.24	-0.07	-5.3%
NC_755	20	4433	1.34	1.29	0.15	1.30	1.19	1.26	1.31	1.30	0.93	0.89	0.53	1.31	0.01	0.7%
NC_756	90	4395	207.77	209.77	12.38	211.12	76.52	126.34	127.27	127.23	211.12	215.90	198.98	215.90	4.78	2.3%
NC_757	20	4429	0.71	0.67	0.11	0.67	0.63	0.67	0.67	0.67	0.48	0.44	0.25	0.67	0.00	0.6%
NC_758	20	4371	0.77	0.72	0.13	0.72	0.75	0.72	0.72	0.72	0.51	0.47	0.26	0.75	0.03	3.5%
NC_759	10	4364	1.02	1.02	0.10	1.03	1.03	0.89	0.88	0.89	0.61	0.57	0.31	1.03	0.00	0.1%
NC_760	10	4364	4.25	4.27	0.25	4.29	4.29	3.62	3.99	3.88	2.60	2.49	1.41	4.29	0.00	0.0%
NC_761	20	4433	0.64	0.62	0.09	0.62	0.52	0.61	0.62	0.62	0.45	0.42	0.25	0.62	0.00	0.6%
NC_762	20	4399	1.49	1.47	0.14	1.47	1.26	1.35	1.49	1.46	0.99	0.97	0.56	1.49	0.02	1.4%
NC_763	20	4399	2.42	2.39	0.23	2.40	1.82	2.15	2.45	2.36	1.77	1.72	1.00	2.45	0.05	2.0%
NC_764	20	4433	0.67	0.64	0.09	0.65	0.56	0.64	0.65	0.65	0.46	0.43	0.25	0.65	0.00	-0.3%
NC_765	20	4429	2.05	2.08	0.10	2.08	1.48	1.83	2.08	2.05	1.43	1.40	0.82	2.08	0.00	0.0%
NC_766	10	4364	2.25	2.26	0.16	2.27	2.27	1.93	2.06	2.02	1.34	1.28	0.73	2.27	0.00	0.1%
NC_767	60	4558	19.22	18.85	0.95	18.86	7.75	13.30	13.51	13.50	16.78	16.86	13.67	16.86	-2.00	-10.6%
NC_768	10	4364	0.91	0.91	0.09	0.92	0.92	0.80	0.79	0.79	0.54	0.51	0.28	0.92	0.00	-0.1%
NC_769	30	4498	8.43	8.29	0.71	8.50	5.21	7.17	7.86	7.77	6.50	6.92	4.26	7.86	-0.64	-7.6%
NC_770	90	4395	207.39	209.26	12.20	210.51	75.91	126.24	127.02	127.02	210.51	215.37	199.13	215.37	4.86	2.3%
NC_771	10	4364	1.26	1.27	0.13	1.28	1.28	1.13	1.13	1.13	0.77	0.72	0.40	1.28	0.00	0.3%
NC_772	20	4371	0.84	0.77	0.14	0.77	0.85	0.77	0.77	0.77	0.53	0.49	0.27	0.85	0.08	10.1%
NC_773	20	4433	0.74	0.70	0.11	0.70	0.68	0.69	0.70	0.70	0.49	0.45	0.26	0.70	0.00	-0.4%
NC_774	10	4364	4.39	4.42	0.27	4.44	4.44	3.75	4.12	4.01	2.67	2.56	1.46	4.44	0.00	0.0%
NC_775	10	4364	1.30	1.31	0.13	1.32	1.32	1.19	1.19	1.19	0.82	0.76	0.42	1.32	0.00	0.3%
NC_776	20	4433	1.15	1.12	0.13	1.12	0.89	1.07	1.15	1.12	0.85	0.81	0.49	1.15	0.02	2.2%
NC_777	25	4466	8.00	7.97	0.48	8.02	5.49	6.84	7.75	7.61	6.05	6.20	3.76	7.75	-0.27	-3.3%
NC_778	10	4357	0.86	0.87	0.09	0.88	0.88	0.79	0.78	0.78	0.54	0.50	0.27	0.88	0.00	-0.2%
NC_779	25	4394	8.94	9.05	0.56	9.11	6.26	7.96	8.78	8.64	7.39	7.05	4.61	8.78	-0.33	-3.7%
NC_780	30	4498	5.86	5.72	0.53	5.82	3.98	5.13	5.62	5.53	5.02	4.87	3.18	5.62	-0.21	-3.5%
NC_781	20	4399	1.25	1.24	0.10	1.24	0.82	1.17	1.26	1.24	0.97	0.94	0.56	1.26	0.02	1.9%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_782	10	4364	1.29	1.30	0.13	1.31	1.31	1.12	1.11	1.12	0.76	0.71	0.39	1.31	0.00	-0.3%
NC_783	20	4433	1.40	1.33	0.18	1.35	1.22	1.28	1.37	1.35	0.94	0.90	0.52	1.37	0.02	1.5%
NC_784	15	4401	4.92	4.75	0.53	4.80	4.81	4.10	4.77	4.53	3.09	2.99	1.69	4.81	0.01	0.3%
NC_785	20	4399	3.96	3.94	0.35	3.95	2.95	3.55	4.01	3.88	2.98	2.88	1.70	4.01	0.06	1.6%
NC_786	10	4364	0.95	0.96	0.10	0.96	0.96	0.84	0.83	0.84	0.57	0.53	0.29	0.96	0.00	0.3%
NC_787	25	4394	8.07	8.20	0.66	8.33	6.15	6.92	8.05	7.82	6.07	6.01	3.59	8.05	-0.28	-3.4%
NC_788	20	4433	0.69	0.67	0.09	0.68	0.54	0.66	0.68	0.68	0.49	0.47	0.28	0.68	0.00	-0.1%
NC_789	60	4558	19.29	18.91	1.00	18.92	7.84	13.44	13.65	13.64	16.84	16.94	13.48	16.94	-1.98	-10.5%
NC_790	10	4357	1.03	1.04	0.09	1.05	1.05	0.92	0.95	0.94	0.64	0.60	0.33	1.05	0.00	-0.4%
NC_791	10	4364	1.74	1.75	0.13	1.76	1.76	1.50	1.59	1.57	1.04	0.99	0.56	1.76	0.00	-0.2%
NC_792	15	4401	5.60	5.38	0.57	5.44	5.40	4.76	5.50	5.24	3.57	3.47	1.97	5.50	0.06	1.1%
NC_793	10	4364	2.85	2.86	0.14	2.87	2.87	2.41	2.71	2.62	1.72	1.67	0.95	2.87	0.00	0.1%
NC_794	20	4399	6.89	6.76	0.69	6.77	6.36	5.74	6.87	6.49	4.51	4.40	2.47	6.87	0.10	1.4%
NC_795	10	4364	1.02	1.02	0.10	1.03	1.03	0.88	0.84	0.87	0.58	0.54	0.29	1.03	0.00	-0.4%
NC_796	25	4460	1.31	1.30	0.10	1.31	0.81	1.20	1.29	1.27	1.08	1.02	0.64	1.29	-0.02	-1.5%
NC_797	20	4428	6.27	6.16	0.56	6.16	5.64	5.37	6.28	6.00	4.43	4.28	2.49	6.28	0.12	2.0%
NC_798	20	4429	0.88	0.84	0.12	0.85	0.76	0.83	0.85	0.85	0.61	0.56	0.33	0.85	-0.01	-0.6%
NC_799	10	4364	0.85	0.85	0.09	0.86	0.86	0.78	0.77	0.77	0.53	0.49	0.27	0.86	0.00	-0.1%
NC_800	20	4433	0.74	0.70	0.11	0.71	0.64	0.69	0.71	0.71	0.50	0.47	0.27	0.71	0.00	0.6%
NC_801	20	4433	0.66	0.64	0.09	0.65	0.51	0.63	0.66	0.65	0.48	0.45	0.27	0.66	0.01	1.1%
NC_802	20	4399	2.23	2.17	0.22	2.18	2.09	1.93	2.22	2.15	1.41	1.39	0.79	2.22	0.04	1.7%
NC_803	45	4528	3.34	3.31	0.28	3.37	2.26	2.98	3.04	3.04	2.97	2.84	1.87	3.04	-0.33	-9.8%
NC_804	10	4364	2.11	2.12	0.16	2.13	2.13	1.82	1.94	1.90	1.26	1.20	0.68	2.13	0.00	0.2%
NC_805	10	4364	4.30	4.33	0.28	4.35	4.35	3.71	4.06	3.95	2.67	2.54	1.43	4.35	0.00	0.0%
NC_806	10	4357	1.04	1.04	0.10	1.05	1.05	0.95	0.94	0.95	0.65	0.61	0.34	1.05	0.00	0.2%
NC_807	10	4364	0.99	0.99	0.10	1.00	1.00	0.87	0.86	0.87	0.60	0.55	0.30	1.00	0.00	0.0%
NC_808	20	4433	0.60	0.58	0.08	0.59	0.45	0.57	0.59	0.59	0.43	0.41	0.24	0.59	0.00	0.3%
NC_809	20	4429	1.62	1.53	0.22	1.55	1.64	1.43	1.55	1.52	0.99	0.95	0.55	1.64	0.09	5.6%
NC_810	20	4433	0.70	0.67	0.10	0.68	0.59	0.65	0.69	0.68	0.47	0.45	0.26	0.69	0.01	1.0%
NC_811	20	4429	0.76	0.72	0.11	0.73	0.66	0.72	0.73	0.73	0.52	0.48	0.28	0.73	0.00	-0.5%
NC_812	10	4364	1.04	1.05	0.11	1.06	1.06	0.93	0.92	0.92	0.63	0.59	0.32	1.06	0.00	-0.2%
NC_813	10	4364	0.86	0.87	0.09	0.88	0.88	0.79	0.78	0.78	0.54	0.50	0.28	0.88	0.00	-0.5%
NC_814	20	4399	4.81	4.70	0.44	4.72	4.24	4.19	4.81	4.60	3.45	3.32	1.95	4.81	0.09	1.8%
NC_815	60	4558	19.20	18.84	1.11	18.85	7.90	13.53	13.74	13.73	16.83	16.92	13.12	16.92	-1.93	-10.2%
NC_816	20	4371	0.84	0.77	0.14	0.77	0.85	0.77	0.76	0.77	0.53	0.49	0.27	0.85	0.08	10.3%
NC_817	10	4364	1.01	1.01	0.10	1.02	1.02	0.88	0.87	0.88	0.60	0.56	0.31	1.02	0.00	0.3%
NC_818	10	4364	0.95	0.95	0.10	0.96	0.96	0.83	0.82	0.83	0.57	0.53	0.29	0.96	0.00	0.0%
NC_819	10	4364	1.02	1.02	0.10	1.03	1.03	0.87	0.85	0.86	0.59	0.55	0.30	1.03	0.00	-0.4%
NC_820	10	4364	0.90	0.91	0.09	0.91	0.91	0.80	0.79	0.80	0.55	0.51	0.28	0.91	0.00	0.4%
NC_821	10	4364	0.99	0.99	0.10	1.00	1.00	0.90	0.89	0.90	0.62	0.57	0.32	1.00	0.00	0.1%
NC_822	10	4364	0.98	0.99	0.10	1.00	1.00	0.86	0.85	0.86	0.59	0.55	0.30	1.00	0.00	-0.3%
NC_823	20	4429	0.69	0.66	0.10	0.66	0.59	0.66	0.66	0.66	0.47	0.44	0.26	0.66	0.00	0.6%
NC_824	20	4399	4.23	4.08	0.42	4.09	3.80	3.78	4.20	4.07	3.00	2.87	1.70	4.20	0.11	2.6%
NC_825	20	4433	0.94	0.91	0.13	0.92	0.76	0.90	0.92	0.92	0.68	0.64	0.39	0.92	0.00	0.4%
NC_826	10	4364	0.89	0.90	0.09	0.90	0.90	0.82	0.81	0.81	0.56	0.52	0.29	0.90	0.00	0.2%
NC_827	45	4534	18.77	18.77	0.55	18.82	7.89	13.49	13.71	13.70	16.56	16.64	12.46	16.64	-2.18	-11.6%
NC_828	20	4433	1.38	1.33	0.15	1.34	1.20	1.28	1.35	1.34	0.92	0.89	0.53	1.35	0.01	1.0%
NC_829	45	4528	2.87	2.86	0.22	2.91	1.65	2.43	2.45	2.46	2.51	2.46	1.59	2.51	-0.40	-13.8%
NC_830	20	4433	2.78	2.69	0.29	2.71	2.37	2.57	2.75	2.71	2.02	1.94	1.17	2.75	0.04	1.6%
NC_831	10	4364	0.85	0.85	0.09	0.86	0.86	0.78	0.77	0.78	0.54	0.50	0.27	0.86	0.00	-0.1%
NC_832	30	4498	2.58	2.58	0.18	2.60	1.52	2.30	2.36	2.37	2.21	2.12	1.35	2.37	-0.23	-9.0%
NC_833	20	4433	0.79	0.74	0.13	0.74	0.76	0.74	0.74	0.74	0.52	0.48	0.27	0.76	0.02	2.2%
NC_834	45	4534	18.94	18.97	0.62	19.06	8.01	13.65	13.88	13.86	16.69	16.72	12.24	16.72	-2.34	-12.3%
NC_835	20	4433	1.24	1.21	0.13	1.22	0.96	1.19	1.23	1.22	0.97	0.93	0.57	1.23	0.01	0.5%
NC_836	20	4433	0.73	0.70	0.09	0.71	0.65	0.66	0.72	0.71	0.48	0.47	0.27	0.72	0.01	1.8%
NC_837	20	4433	0.64	0.61	0.09	0.62	0.52	0.61	0.62	0.62	0.45	0.42	0.25	0.62	0.00	0.5%
NC_838	20	4433	0.70	0.67	0.09	0.67	0.61	0.63	0.69	0.67	0.47	0.45	0.26	0.69	0.02	3.0%
NC_839	45	4534	17.87	17.91	0.59	17.97	7.54	12.88	13.08	13.07	15.66	15.70	11.35	15.70	-2.27	-12.6%
NC_840	25	4460	2.25	2.27	0.18	2.29	1.42	2.02	2.22	2.17	1.83	1.74	1.07	2.22	-0.07	-3.1%
NC_841	20	4429	0.81	0.77	0.12	0.78	0.71	0.77	0.78	0.78	0.55	0.51	0.30	0.78	-0.01	-0.6%
NC_842	45	4528	2.46	2.43	0.22	2.50	1.34	2.09	2.19	2.17	2.17	2.07	1.35	2.19	-0.31	-12.4%
NC_843	20	4433	1.18	1.16	0.11	1.17	0.88	1.11	1.18	1.17	0.88	0.85	0.51	1.18	0.01	0.9%
NC_844	20	4371	0.93	0.86	0.15	0.86	0.92	0.86	0.86	0.86	0.60	0.55	0.31	0.92	0.06	7.0%
NC_845	45	4534	17.89	17.97	0.65	18.05	7.54	12.89	13.08	13.07	15.70	15.65	11.16	15.70	-2.35	-13.0%
NC_846	20	4404	3.34	3.32	0.25	3.33	2.75	3.00	3.36	3.28	2.37	2.30	1.36	3.36	0.03	1.0%
NC_847	25	4461	4.32	4.33	0.21	4.33	2.76	3.82	4.13	4.09	3.34	3.28	2.02	4.13	-0.20	-4.6%
NC_848	20	4433	0.76	0.73	0.11	0.73	0.66	0.72	0.73	0.73	0.52	0.48	0.28	0.73	0.00	0.3%
NC_849	20	4433	0.63	0.61	0.09	0.62	0.50	0.60	0.62	0.62	0.45	0.42	0.25	0.62	0.00	0.0%
NC_850	45	4528	2.84	2.81	0.23	2.85	1.94	2.61	2.70	2.70	2.57	2.42	1.66	2.70	-0.15	-5.2%
NC_851	45	4534	14.54	14.55	0.51	14.57	6.17	10.64	10.82	10.81	12.43	12.63	8.91	12.63	-1.94	-13.3%
NC_852	25	4464	1.06	1.05	0.08	1.06	0.62	0.98	1.04	1.02	0.88	0.84	0.52	1.04	-0.02	-2.2%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_853	10	4357	0.91	0.92	0.10	0.93	0.93	0.83	0.82	0.82	0.57	0.53	0.29	0.93	0.00	0.0%
NC_854	25	4394	3.46	3.52	0.24	3.52	2.41	3.09	3.43	3.39	2.63	2.54	1.55	3.43	-0.09	-2.5%
NC_855	20	4429	1.40	1.33	0.19	1.33	1.33	1.31	1.33	1.33	0.94	0.87	0.51	1.33	0.00	-0.2%
NC_856	20	4433	1.22	1.20	0.11	1.21	0.87	1.16	1.22	1.21	0.95	0.91	0.56	1.22	0.01	0.8%
NC_857	10	4357	0.93	0.94	0.10	0.94	0.94	0.83	0.82	0.82	0.57	0.53	0.29	0.94	0.00	0.3%
NC_858	30	4500	2.38	2.37	0.15	2.40	1.86	2.27	2.33	2.33	2.10	1.95	1.32	2.33	-0.07	-3.0%
NC_859	20	4429	0.67	0.64	0.09	0.65	0.57	0.63	0.65	0.65	0.46	0.43	0.25	0.65	-0.01	-0.8%
NC_860	45	4496	11.13	11.08	0.32	11.21	4.84	8.20	8.38	8.36	9.27	9.61	6.75	9.61	-1.60	-14.3%
NC_861	10	4364	0.89	0.90	0.09	0.91	0.91	0.80	0.79	0.79	0.55	0.51	0.28	0.91	0.00	-0.3%
NC_862	25	4464	1.86	1.83	0.12	1.85	1.38	1.78	1.80	1.80	1.58	1.47	0.97	1.80	-0.05	-2.5%
NC_863	45	4496	10.38	10.34	0.37	10.44	4.71	7.87	8.08	8.06	8.53	8.90	6.08	8.90	-1.55	-14.8%
NC_864	10	4364	0.90	0.90	0.09	0.91	0.91	0.82	0.82	0.82	0.57	0.53	0.29	0.91	0.00	0.0%
NC_865	20	4433	1.17	1.16	0.11	1.16	0.87	1.10	1.17	1.16	0.87	0.84	0.51	1.17	0.01	1.1%
NC_866	20	4433	0.72	0.68	0.11	0.68	0.65	0.68	0.68	0.68	0.48	0.44	0.25	0.68	0.00	0.1%
NC_867	20	4433	1.48	1.45	0.15	1.45	1.24	1.37	1.47	1.45	1.00	0.97	0.57	1.47	0.02	1.5%
NC_868	45	4534	6.14	6.11	0.32	6.17	3.05	5.00	5.15	5.14	4.91	5.06	3.24	5.15	-1.02	-16.5%
NC_869	45	4496	4.19	4.16	0.18	4.17	1.96	3.23	3.36	3.35	3.44	3.63	2.42	3.63	-0.54	-13.0%
NC_870	45	4496	4.32	4.30	0.14	4.36	1.92	3.23	3.33	3.32	3.57	3.78	2.61	3.78	-0.58	-13.3%
NC_871	20	4433	1.11	1.09	0.11	1.10	0.83	1.05	1.11	1.10	0.83	0.80	0.49	1.11	0.01	0.8%
NC_872	30	4498	4.29	4.28	0.20	4.34	2.31	3.59	3.73	3.72	3.36	3.49	2.18	3.73	-0.61	-14.0%
NC_873	25	4460	1.85	1.85	0.14	1.85	1.24	1.72	1.84	1.82	1.47	1.39	0.87	1.84	-0.01	-0.3%
NC_874	20	4433	0.77	0.72	0.12	0.72	0.73	0.72	0.72	0.72	0.50	0.47	0.26	0.73	0.01	0.8%
NC_875	45	4534	4.00	3.97	0.23	4.04	2.03	3.24	3.40	3.38	3.28	3.42	2.18	3.42	-0.62	-15.3%
NC_876	30	4498	3.53	3.52	0.26	3.60	2.16	3.03	3.26	3.24	2.62	2.73	1.67	3.26	-0.34	-9.5%
NC_877	30	4498	3.81	3.78	0.29	3.84	2.10	3.23	3.45	3.42	3.16	3.17	1.99	3.45	-0.39	-10.2%
NC_878	20	4433	1.42	1.37	0.16	1.38	1.23	1.32	1.39	1.38	0.96	0.93	0.55	1.39	0.01	0.9%
NC_879	25	4461	3.40	3.38	0.18	3.38	2.31	2.97	3.29	3.25	2.46	2.45	1.48	3.29	-0.09	-2.6%
NC_880	45	4528	1.37	1.35	0.13	1.39	0.66	1.17	1.22	1.21	1.21	1.15	0.74	1.22	-0.17	-12.2%
NC_881	10	4357	0.96	0.96	0.10	0.97	0.97	0.85	0.84	0.84	0.58	0.54	0.29	0.97	0.00	0.0%
NC_882	20	4433	0.86	0.83	0.12	0.84	0.72	0.82	0.84	0.84	0.61	0.57	0.34	0.84	0.00	-0.1%
NC_883	25	4460	3.69	3.74	0.20	3.74	2.24	3.26	3.52	3.48	3.01	2.88	1.81	3.52	-0.22	-5.9%
NC_884	20	4371	0.87	0.80	0.15	0.81	0.87	0.81	0.80	0.80	0.56	0.52	0.29	0.87	0.06	7.2%
NC_885	10	4364	0.90	0.90	0.09	0.91	0.91	0.80	0.79	0.79	0.54	0.51	0.28	0.91	0.00	0.0%
NC_886	20	4399	2.72	2.70	0.21	2.71	2.36	2.45	2.73	2.67	1.81	1.77	1.03	2.73	0.02	0.6%
NC_887	20	4433	1.47	1.42	0.16	1.42	1.38	1.34	1.43	1.42	0.94	0.91	0.53	1.43	0.01	0.9%
NC_888	20	4371	0.87	0.80	0.15	0.80	0.87	0.80	0.80	0.80	0.55	0.51	0.29	0.87	0.06	8.1%
NC_889	20	4433	0.62	0.60	0.09	0.61	0.50	0.60	0.62	0.61	0.44	0.42	0.25	0.62	0.01	0.8%
NC_890	25	4464	1.72	1.72	0.13	1.72	1.05	1.58	1.69	1.67	1.42	1.34	0.84	1.69	-0.03	-1.6%
NC_891	20	4433	0.65	0.63	0.09	0.63	0.53	0.62	0.63	0.63	0.45	0.43	0.25	0.63	0.00	0.6%
NC_892	20	4429	0.69	0.66	0.10	0.67	0.60	0.66	0.67	0.67	0.48	0.44	0.26	0.67	0.00	-0.1%
NC_893	20	4433	0.83	0.80	0.11	0.81	0.65	0.79	0.82	0.81	0.60	0.57	0.34	0.82	0.01	0.7%
NC_894	20	4433	0.89	0.85	0.12	0.86	0.76	0.85	0.86	0.86	0.62	0.58	0.34	0.86	0.00	0.2%
NC_895	20	4433	0.61	0.59	0.09	0.60	0.48	0.58	0.61	0.60	0.43	0.42	0.25	0.61	0.01	1.0%
NC_896	20	4433	0.62	0.60	0.08	0.61	0.45	0.58	0.61	0.61	0.44	0.43	0.26	0.61	0.00	0.3%
NC_897	20	4433	0.64	0.62	0.09	0.62	0.52	0.61	0.63	0.62	0.45	0.43	0.25	0.63	0.01	1.1%
NC_898	25	4460	2.01	2.03	0.15	2.05	1.14	1.78	1.95	1.91	1.64	1.57	0.96	1.95	-0.10	-4.9%
NC_899	20	4433	0.71	0.70	0.09	0.70	0.52	0.68	0.71	0.70	0.52	0.50	0.30	0.71	0.01	1.3%
NC_900	25	4460	1.23	1.23	0.11	1.24	0.82	1.16	1.23	1.22	1.01	0.96	0.60	1.23	-0.01	-1.0%
NC_901	20	4429	0.75	0.71	0.11	0.72	0.66	0.71	0.72	0.72	0.51	0.47	0.27	0.72	0.00	-0.4%
NC_902	20	4433	1.21	1.19	0.12	1.20	0.94	1.14	1.21	1.20	0.89	0.86	0.52	1.21	0.01	0.8%
NC_903	25	4460	2.59	2.60	0.22	2.61	1.67	2.38	2.57	2.52	2.10	2.00	1.22	2.57	-0.04	-1.6%
NC_904	10	4364	0.88	0.89	0.09	0.89	0.89	0.79	0.78	0.78	0.54	0.50	0.27	0.89	0.00	0.4%
NC_905	25	4460	2.60	2.63	0.14	2.64	1.47	2.28	2.45	2.41	2.20	2.10	1.32	2.45	-0.19	-7.3%
NC_906	20	4433	0.68	0.66	0.08	0.66	0.50	0.64	0.67	0.66	0.49	0.47	0.28	0.67	0.01	1.7%
NC_907	20	4433	1.72	1.65	0.19	1.67	1.58	1.59	1.68	1.67	1.11	1.07	0.63	1.68	0.01	0.7%
NC_908	45	4528	3.34	3.38	0.19	3.41	1.32	2.38	2.41	2.40	3.28	3.16	2.31	3.28	-0.13	-3.9%
NC_909	20	4433	0.74	0.70	0.11	0.70	0.68	0.70	0.70	0.70	0.50	0.46	0.26	0.70	0.00	0.3%
NC_910	20	4433	0.60	0.59	0.08	0.59	0.46	0.58	0.60	0.59	0.43	0.41	0.24	0.60	0.01	1.5%
NC_911	20	4371	0.51	0.48	0.09	0.48	0.50	0.48	0.47	0.48	0.33	0.31	0.17	0.50	0.02	3.3%
NC_912	20	4371	0.82	0.76	0.14	0.76	0.83	0.76	0.75	0.76	0.52	0.49	0.27	0.83	0.07	8.9%
NC_913	20	4404	3.33	3.26	0.35	3.31	3.17	2.82	3.31	3.16	2.16	2.10	1.20	3.31	0.00	0.0%
NC_914	20	4433	2.79	2.68	0.29	2.68	2.61	2.51	2.73	2.68	1.79	1.74	1.00	2.73	0.05	2.0%
NC_915	20	4429	2.63	2.52	0.32	2.57	2.54	2.29	2.57	2.48	1.69	1.62	0.93	2.57	0.00	-0.2%
NC_916	10	4364	0.95	0.96	0.10	0.97	0.97	0.86	0.85	0.85	0.58	0.54	0.30	0.97	0.00	0.0%
NC_917	25	4460	1.54	1.55	0.11	1.55	0.83	1.36	1.48	1.45	1.28	1.22	0.75	1.48	-0.07	-4.6%
NC_918	20	4433	0.65	0.63	0.09	0.63	0.54	0.62	0.64	0.63	0.46	0.43	0.25	0.64	0.01	1.0%
NC_919	20	4399	2.14	2.12	0.15	2.12	1.58	2.02	2.14	2.12	1.72	1.63	1.02	2.14	0.02	0.9%
NC_920	20	4399	3.97	3.92	0.33	3.93	3.46	3.48	3.99	3.85	2.88	2.77	1.64	3.99	0.06	1.5%
NC_921	10	4364	0.91	0.92	0.10	0.93	0.93	0.83	0.83	0.83	0.57	0.53	0.29	0.93	0.00	-0.2%
NC_922	20	4433	0.60	0.58	0.08	0.59	0.45	0.57	0.59	0.59	0.43	0.41	0.24	0.59	0.00	0.3%
NC_923	25	4464	0.98	0.98	0.08	0.98	0.57	0.90	0.96	0.95	0.81	0.77	0.48	0.96	-0.02	-1.8%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_924	20	4433	0.60	0.58	0.08	0.59	0.46	0.57	0.60	0.59	0.43	0.41	0.24	0.60	0.01	1.0%
NC_925	45	4528	5.88	5.88	0.38	6.02	3.08	4.76	4.94	4.94	5.07	5.08	3.32	5.08	-0.94	-15.6%
NC_926	30	4498	1.79	1.78	0.16	1.79	0.89	1.54	1.64	1.61	1.55	1.48	0.93	1.64	-0.16	-8.7%
NC_927	20	4433	0.64	0.62	0.09	0.63	0.51	0.62	0.64	0.63	0.46	0.44	0.26	0.64	0.01	1.0%
NC_928	20	4433	0.87	0.84	0.12	0.84	0.74	0.83	0.85	0.84	0.61	0.57	0.34	0.85	0.01	0.6%
NC_929	20	4399	3.18	3.09	0.31	3.10	2.73	2.89	3.16	3.08	2.30	2.21	1.32	3.16	0.06	2.0%
NC_930	25	4466	14.56	14.77	1.07	14.96	10.64	12.68	14.39	14.08	10.96	10.84	6.52	14.39	-0.57	-3.8%
NC_931	10	4364	1.09	1.10	0.11	1.10	1.10	0.97	0.96	0.97	0.66	0.62	0.34	1.10	0.00	0.4%
NC_932	45	4528	7.18	7.26	0.51	7.41	3.13	5.44	5.63	5.60	6.70	6.61	4.61	6.70	-0.71	-9.5%
NC_933	10	4364	0.88	0.89	0.09	0.89	0.89	0.80	0.79	0.80	0.55	0.51	0.28	0.89	0.00	0.4%
NC_934	10	4364	0.90	0.91	0.10	0.92	0.92	0.81	0.80	0.81	0.56	0.52	0.28	0.92	0.00	-0.3%
NC_935	20	4399	1.25	1.24	0.10	1.24	0.89	1.18	1.26	1.24	0.98	0.94	0.57	1.26	0.02	1.5%
NC_936	45	4528	2.12	2.12	0.17	2.17	0.92	1.65	1.73	1.72	1.85	1.84	1.17	1.85	-0.32	-14.8%
NC_937	45	4528	6.55	6.58	0.39	6.73	3.41	5.30	5.43	5.44	5.70	5.69	3.81	5.70	-1.03	-15.4%
NC_938	10	4364	1.63	1.65	0.13	1.66	1.66	1.46	1.54	1.52	1.01	0.96	0.55	1.66	0.00	-0.3%
NC_939	20	4429	0.80	0.77	0.11	0.78	0.69	0.76	0.78	0.78	0.56	0.51	0.30	0.78	-0.01	-0.6%
NC_940	45	4528	7.66	7.75	0.45	7.92	3.27	5.66	5.83	5.81	7.15	7.11	5.04	7.15	-0.77	-9.8%
NC_941	45	4534	2.38	2.40	0.15	2.45	0.96	1.75	1.81	1.80	2.09	2.14	1.39	2.14	-0.31	-12.6%
NC_942	20	4433	0.67	0.64	0.10	0.65	0.58	0.64	0.65	0.65	0.46	0.43	0.25	0.65	0.00	-0.2%
NC_943	10	4364	1.28	1.29	0.13	1.30	1.30	1.15	1.16	1.16	0.79	0.74	0.41	1.30	0.00	0.0%
NC_944	20	4371	0.82	0.76	0.14	0.76	0.83	0.76	0.75	0.76	0.52	0.49	0.27	0.83	0.07	9.1%
NC_945	20	4433	0.61	0.60	0.08	0.60	0.46	0.58	0.61	0.60	0.44	0.42	0.25	0.61	0.01	1.3%
NC_946	10	4364	0.87	0.88	0.09	0.89	0.89	0.79	0.79	0.79	0.54	0.50	0.28	0.89	0.00	-0.1%
NC_947	20	4433	0.60	0.58	0.08	0.59	0.46	0.57	0.60	0.59	0.43	0.41	0.24	0.60	0.01	1.2%
NC_948	45	4528	3.49	3.53	0.25	3.60	1.38	2.57	2.63	2.62	3.16	3.14	2.08	3.16	-0.45	-12.4%
NC_949	45	4534	7.77	7.81	0.38	7.96	3.27	5.67	5.84	5.82	7.23	7.26	5.24	7.26	-0.70	-8.8%
NC_950	720	4785	6.57	6.12	3.00	6.66	0.70	0.71	0.71	0.71	0.74	1.90	4.14	4.14	-2.52	-37.8%
NC_951	30	4498	4.47	4.44	0.36	4.50	2.51	3.87	4.08	4.06	3.71	3.60	2.28	4.08	-0.42	-9.3%
NC_952	10	4364	0.90	0.91	0.09	0.92	0.92	0.83	0.82	0.82	0.57	0.53	0.29	0.92	0.00	-0.1%
NC_953	10	4357	1.02	1.02	0.11	1.03	1.03	0.91	0.90	0.90	0.62	0.57	0.32	1.03	0.00	0.3%
NC_954	20	4433	0.70	0.68	0.10	0.69	0.57	0.67	0.69	0.69	0.50	0.47	0.28	0.69	0.00	0.0%
NC_955	20	4433	0.66	0.64	0.09	0.65	0.52	0.63	0.65	0.65	0.47	0.44	0.26	0.65	0.00	-0.2%
NC_956	720	4785	10.30	9.51	4.47	10.27	4.71	6.82	7.09	7.05	7.44	7.27	6.44	7.44	-2.83	-27.6%
NC_957	20	4433	3.56	3.41	0.39	3.42	3.24	3.21	3.50	3.42	2.41	2.31	1.35	3.50	0.08	2.3%
NC_958	20	4433	0.63	0.61	0.08	0.62	0.48	0.60	0.62	0.62	0.45	0.43	0.26	0.62	0.00	0.6%
NC_959	20	4429	2.53	2.43	0.30	2.47	2.45	2.23	2.47	2.40	1.63	1.56	0.90	2.47	0.00	-0.1%
NC_960	25	4394	15.19	15.40	1.01	15.47	11.01	13.48	14.90	14.58	13.21	12.45	8.56	14.90	-0.57	-3.7%
NC_961	20	4433	1.54	1.47	0.19	1.49	1.37	1.45	1.49	1.49	1.07	1.00	0.60	1.49	0.00	0.2%
NC_962	20	4433	0.60	0.59	0.08	0.59	0.45	0.57	0.60	0.59	0.43	0.42	0.25	0.60	0.01	1.4%
NC_963	20	4429	1.81	1.73	0.25	1.74	1.74	1.65	1.74	1.71	1.17	1.10	0.64	1.74	0.00	-0.1%
NC_964	45	4534	12.12	12.21	0.63	12.41	4.99	8.76	8.99	8.97	11.27	11.27	7.95	11.27	-1.14	-9.2%
NC_965	25	4460	1.10	1.10	0.09	1.10	0.66	1.01	1.09	1.07	0.90	0.85	0.53	1.09	-0.01	-1.3%
NC_966	20	4433	0.80	0.76	0.12	0.77	0.74	0.76	0.76	0.77	0.54	0.50	0.29	0.77	-0.01	-0.6%
NC_967	30	4498	14.89	14.54	1.34	14.81	9.93	13.04	14.26	14.06	13.00	12.73	8.72	14.26	-0.55	-3.7%
NC_968	25	4460	1.83	1.85	0.16	1.88	1.27	1.68	1.84	1.80	1.48	1.41	0.87	1.84	-0.04	-2.1%
NC_969	720	4785	6.47	6.00	2.97	6.55	0.16	0.30	0.30	0.30	0.48	2.09	4.22	4.22	-2.33	-35.5%
NC_970	20	4429	3.42	3.45	0.24	3.47	2.75	2.89	3.47	3.35	2.38	2.34	1.34	3.47	-0.01	-0.1%
NC_971	45	4496	9.80	9.80	0.32	9.99	4.11	6.86	7.12	7.12	8.14	7.95	5.57	8.14	-1.85	-18.5%
NC_972	20	4399	5.31	5.20	0.51	5.21	4.78	4.53	5.30	5.03	3.59	3.49	1.98	5.30	0.09	1.7%
NC_973	180	4599	26.02	26.17	1.57	26.28	9.82	14.78	14.86	14.86	25.42	26.10	26.05	26.10	-0.18	-0.7%
NC_974	90	4532	38.72	38.90	1.29	39.02	16.00	24.06	24.90	24.84	38.78	39.02	37.70	39.02	0.00	0.0%
NC_975	10	4364	1.40	1.41	0.10	1.42	1.42	1.18	1.26	1.24	0.81	0.78	0.44	1.42	0.00	-0.4%
NC_976	90	4532	38.66	38.87	1.34	38.99	15.97	23.98	24.83	24.77	38.74	38.94	37.34	38.94	-0.05	-0.1%
NC_977	90	4532	38.38	38.62	1.50	38.76	15.73	23.54	24.38	24.31	38.48	38.58	36.21	38.58	-0.18	-0.5%
NC_978	120	4499	65.37	65.06	4.41	65.79	25.65	39.58	40.41	40.37	62.91	65.79	65.09	65.79	0.00	0.0%
NC_979	120	4499	66.90	66.86	3.93	67.84	25.85	40.35	40.99	41.00	63.39	67.84	66.91	67.84	0.00	0.0%
NC_980	60	4558	51.70	50.95	2.06	50.98	21.50	34.97	35.52	35.56	48.26	47.80	41.67	48.26	-2.72	-5.3%
NC_981	120	4499	117.55	116.45	9.89	118.39	44.91	73.34	73.95	74.04	115.07	118.39	116.88	118.39	0.00	0.0%
NC_982	60	4558	44.25	43.12	2.94	43.28	14.74	28.80	29.47	29.43	39.63	42.42	30.01	42.42	-0.86	-2.0%
NC_983	60	4558	44.31	43.14	2.57	43.28	14.61	28.46	29.07	29.04	39.71	42.41	31.15	42.41	-0.87	-2.0%
NC_984	10	4364	2.26	2.27	0.13	2.28	2.28	1.88	2.09	2.03	1.34	1.29	0.73	2.28	0.00	0.1%
NC_985	20	4433	1.11	1.03	0.18	1.03	1.11	1.02	1.02	1.03	0.71	0.66	0.37	1.11	0.08	7.7%
NC_986	25	4394	4.40	4.47	0.33	4.48	3.13	3.94	4.42	4.34	3.21	3.14	1.87	4.42	-0.06	-1.4%
NC_987	20	4429	0.69	0.66	0.10	0.66	0.61	0.66	0.66	0.66	0.47	0.43	0.25	0.66	0.00	0.2%
NC_988	20	4371	0.86	0.80	0.14	0.80	0.86	0.80	0.80	0.80	0.56	0.52	0.29	0.86	0.05	6.9%
NC_989	15	4401	5.27	5.05	0.57	5.08	5.18	4.45	5.13	4.93	3.28	3.19	1.82	5.18	0.10	2.0%
NC_990	45	4534	38.87	38.84	2.19	39.94	11.72	27.95	29.01	28.88	32.72	35.07	21.91	35.07	-4.87	-12.2%
NC_991	20	4371	0.69	0.64	0.12	0.64	0.68	0.64	0.63	0.64	0.44	0.41	0.23	0.68	0.04	6.6%
NC_992	45	4496	3.89	3.84	0.52	3.85	2.64	3.15	3.23	3.22	3.08	3.05	2.42	3.23	-0.63	-16.2%
NC_993	20	4429	1.71	1.62	0.23	1.64	1.70	1.50	1.64	1.60	1.08	1.03	0.58	1.70	0.06	3.7%
NC_994	20	4429	1.30	1.22	0.20	1.23	1.28	1.17	1.23	1.21	0.82	0.78	0.44	1.28	0.05	4.4%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_995	20	4429	1.94	1.83	0.26	1.86	1.95	1.70	1.86	1.81	1.22	1.16	0.66	1.95	0.09	4.6%
NC_996	10	4364	1.83	1.85	0.12	1.85	1.85	1.56	1.71	1.66	1.11	1.07	0.60	1.85	0.00	0.2%
NC_997	20	4399	6.36	6.28	0.51	6.31	5.46	5.58	6.36	6.14	4.73	4.53	2.70	6.36	0.05	0.7%
NC_998	10	4364	0.77	0.78	0.08	0.79	0.79	0.69	0.68	0.69	0.47	0.44	0.24	0.79	0.00	-0.5%
NC_999	10	4364	1.61	1.62	0.13	1.63	1.63	1.41	1.48	1.46	0.97	0.92	0.52	1.63	0.00	0.1%
NC_1000	25	4394	4.09	4.10	0.22	4.11	2.89	3.75	3.98	3.96	3.31	3.14	2.02	3.98	-0.13	-3.1%
NC_1001	20	4399	3.01	2.99	0.21	3.00	2.42	2.78	3.01	2.95	2.40	2.28	1.41	3.01	0.01	0.5%
NC_1002	10	4364	1.50	1.51	0.12	1.52	1.52	1.31	1.37	1.35	0.90	0.86	0.48	1.52	-0.01	-0.3%
NC_1003	20	4429	1.23	1.17	0.18	1.17	1.19	1.12	1.17	1.16	0.79	0.75	0.42	1.19	0.02	2.0%
NC_1004	20	4433	1.69	1.62	0.20	1.63	1.47	1.54	1.67	1.63	1.15	1.11	0.64	1.67	0.04	2.3%
NC_1005	20	4429	8.73	8.66	0.68	8.73	7.45	7.49	8.73	8.38	6.43	6.17	3.65	8.73	0.00	0.0%
NC_1006	10	4357	0.85	0.86	0.09	0.87	0.87	0.77	0.76	0.76	0.52	0.49	0.27	0.87	0.00	-0.5%
NC_1007	20	4429	18.84	18.88	1.22	18.95	14.64	16.14	18.95	18.44	13.61	13.46	7.97	18.95	0.00	0.0%
NC_1008	15	4401	2.86	2.74	0.30	2.76	2.82	2.39	2.77	2.66	1.76	1.71	0.98	2.82	0.06	2.1%
NC_1009	20	4433	0.93	0.87	0.15	0.88	0.90	0.87	0.87	0.88	0.61	0.57	0.32	0.90	0.02	2.7%
NC_1010	20	4399	2.04	1.98	0.20	1.99	1.86	1.78	2.03	1.96	1.32	1.29	0.74	2.03	0.04	1.9%
NC_1011	20	4371	0.68	0.64	0.11	0.64	0.66	0.64	0.64	0.64	0.45	0.41	0.23	0.66	0.02	3.8%
NC_1012	20	4433	0.56	0.54	0.08	0.55	0.45	0.53	0.55	0.55	0.39	0.37	0.22	0.55	0.00	0.0%
NC_1013	20	4433	1.38	1.35	0.15	1.36	1.00	1.29	1.38	1.36	1.01	0.98	0.58	1.38	0.02	1.5%
NC_1014	20	4399	2.02	1.99	0.18	2.00	1.41	1.86	2.04	1.99	1.53	1.48	0.88	2.04	0.04	2.1%
NC_1015	60	4558	27.61	27.42	1.02	27.43	6.56	15.40	15.47	15.48	27.13	27.45	23.12	27.45	0.02	0.1%
NC_1016	45	4528	8.41	8.35	0.67	8.66	4.40	7.01	7.51	7.41	7.22	7.19	4.56	7.51	-1.15	-13.3%
NC_1017	60	4558	23.94	23.72	1.37	23.73	6.19	14.22	14.32	14.32	22.74	23.15	18.41	23.15	-0.58	-2.5%
NC_1018	60	4405	6.10	6.02	0.73	6.03	2.13	3.03	3.06	3.05	6.34	6.30	4.49	6.34	0.31	5.1%
NC_1019	25	4461	0.98	0.99	0.06	1.00	0.67	0.87	0.95	0.94	0.81	0.78	0.49	0.95	-0.05	-4.7%
NC_1020	60	4558	21.92	21.65	1.76	21.66	6.50	14.29	14.46	14.45	20.61	20.89	15.41	20.89	-0.77	-3.6%
NC_1021	25	4394	2.81	2.85	0.20	2.86	1.87	2.47	2.75	2.69	2.25	2.19	1.34	2.75	-0.11	-3.7%
NC_1022	45	4528	1.56	1.56	0.13	1.60	0.69	1.23	1.28	1.27	1.38	1.35	0.86	1.38	-0.22	-13.7%
NC_1023	60	4558	23.28	23.03	1.68	23.04	6.54	14.67	14.80	14.79	21.87	22.24	16.72	22.24	-0.80	-3.5%
NC_1024	45	4534	17.68	17.79	0.93	18.20	7.37	13.02	13.39	13.34	16.24	16.35	11.56	16.35	-1.85	-10.2%
NC_1025	25	4461	6.48	6.59	0.59	6.63	4.28	5.78	6.47	6.28	5.24	5.04	3.06	6.47	-0.16	-2.4%
NC_1026	25	4462	2.45	2.47	0.24	2.51	1.61	2.26	2.46	2.40	1.99	1.90	1.15	2.46	-0.05	-2.2%
NC_1027	25	4461	4.05	4.11	0.39	4.16	2.80	3.63	4.08	3.95	3.26	3.11	1.89	4.08	-0.08	-1.9%
NC_1028	20	4429	0.72	0.69	0.10	0.69	0.63	0.69	0.69	0.69	0.50	0.46	0.27	0.69	0.00	0.6%
NC_1029	20	4433	0.65	0.61	0.10	0.62	0.59	0.61	0.61	0.62	0.43	0.40	0.23	0.62	-0.01	-0.8%
NC_1030	10	4357	0.35	0.36	0.04	0.36	0.36	0.33	0.31	0.32	0.22	0.20	0.11	0.36	0.00	-0.3%
NC_1031	20	4399	0.54	0.54	0.05	0.54	0.36	0.50	0.55	0.54	0.40	0.39	0.23	0.55	0.01	1.5%
NC_1032	20	4433	1.07	1.06	0.10	1.06	0.78	1.01	1.07	1.06	0.81	0.78	0.47	1.07	0.01	1.0%
NC_1033	45	4528	1.92	1.91	0.17	1.96	0.85	1.55	1.60	1.58	1.69	1.64	1.04	1.69	-0.27	-13.9%
NC_1034	45	4528	3.35	3.38	0.18	3.41	1.31	2.40	2.42	2.42	3.27	3.16	2.33	3.27	-0.14	-4.0%
NC_1035	20	4433	0.61	0.57	0.10	0.57	0.56	0.57	0.57	0.57	0.40	0.37	0.21	0.57	0.00	0.5%
NC_1036	720	4747	1.32	1.09	0.62	1.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.11	-100.0%
NC_1037	30	4498	1.92	1.91	0.15	1.93	0.97	1.65	1.73	1.72	1.65	1.58	1.00	1.73	-0.20	-10.5%
NC_1038	45	4528	1.63	1.63	0.14	1.66	0.69	1.27	1.30	1.30	1.45	1.41	0.91	1.45	-0.22	-13.0%
NC_1039	45	4534	2.00	2.01	0.09	2.04	0.87	1.49	1.53	1.52	1.86	1.87	1.36	1.87	-0.17	-8.5%
NC_1040	20	4433	0.37	0.36	0.05	0.36	0.30	0.35	0.37	0.36	0.25	0.24	0.14	0.37	0.01	1.7%
NC_1041	45	4534	2.04	2.04	0.07	2.06	0.87	1.50	1.54	1.53	1.89	1.91	1.42	1.91	-0.15	-7.2%
NC_1042	20	4399	0.84	0.83	0.08	0.83	0.65	0.76	0.85	0.82	0.59	0.57	0.33	0.85	0.02	1.8%
NC_1043	45	4528	2.81	2.80	0.22	2.89	1.35	2.29	2.40	2.38	2.45	2.42	1.55	2.45	-0.44	-15.4%
NC_1044	45	4534	6.16	6.16	0.23	6.21	2.46	4.42	4.54	4.52	5.45	5.65	3.98	5.65	-0.56	-9.0%
NC_1045	90	4532	37.72	37.89	2.16	38.34	14.53	21.36	22.27	22.13	37.43	37.21	33.79	37.43	-0.91	-2.4%
NC_1046	60	4405	16.15	16.01	1.38	16.01	6.53	11.45	11.78	11.73	15.37	15.24	11.28	15.37	-0.64	-4.0%
NC_1047	60	4558	17.46	17.30	1.27	17.31	6.87	11.99	12.28	12.26	16.50	16.49	12.64	16.50	-0.81	-4.7%
NC_1048	25	4394	7.75	7.84	0.45	7.89	5.36	6.83	7.53	7.41	7.26	6.76	4.82	7.53	-0.36	-4.6%
NC_1049	45	4531	5.47	5.51	0.38	5.51	2.81	4.25	4.47	4.41	5.40	4.92	3.88	5.40	-0.11	-2.0%
NC_1050	45	4528	4.35	4.35	0.17	4.35	2.03	3.21	3.24	3.22	4.22	3.88	3.12	4.22	-0.13	-3.0%
NC_1051	20	4371	0.38	0.35	0.07	0.35	0.38	0.35	0.34	0.35	0.24	0.22	0.12	0.38	0.03	9.7%
NC_1052	45	4528	6.20	6.21	0.51	6.25	4.03	5.30	5.77	5.69	6.00	5.56	4.01	6.00	-0.26	-4.1%
NC_1053	15	4401	1.25	1.19	0.14	1.20	1.23	1.08	1.22	1.19	0.77	0.75	0.43	1.23	0.03	2.3%
NC_1054	45	4496	3.13	3.13	0.08	3.14	1.84	2.63	2.69	2.69	2.76	2.77	2.15	2.77	-0.37	-11.8%
NC_1055	10	4364	0.85	0.86	0.09	0.86	0.86	0.77	0.76	0.77	0.53	0.49	0.27	0.86	0.00	0.3%
NC_1056	10	4364	1.23	1.24	0.11	1.25	1.25	1.03	1.06	1.05	0.70	0.66	0.37	1.25	0.00	-0.1%
NC_1057	10	4357	0.69	0.69	0.07	0.70	0.70	0.59	0.57	0.59	0.40	0.37	0.20	0.70	0.00	-0.4%
NC_1058	45	4528	3.77	3.77	0.07	3.77	1.85	2.78	2.81	2.81	3.56	3.36	2.72	3.56	-0.21	-5.6%
NC_1059	60	4558	3.48	3.43	0.25	3.43	1.35	2.41	2.46	2.45	3.10	3.13	2.27	3.13	-0.30	-8.8%
NC_1060	15	4401	1.46	1.39	0.15	1.40	1.43	1.28	1.43	1.39	0.89	0.87	0.50	1.43	0.03	1.9%
NC_1061	45	4528	5.57	5.47	0.65	5.75	2.09	2.91	3.37	3.28	4.68	4.22	2.57	4.68	-1.07	-18.6%
NC_1062	45	4496	5.71	5.72	0.34	5.78	2.37	3.85	3.87	3.84	4.54	4.35	3.38	4.54	-1.24	-21.5%
NC_1063	25	4461	1.67	1.69	0.13	1.71	1.13	1.51	1.68	1.65	1.23	1.19	0.71	1.68	-0.03	-1.8%
NC_1064	25	4461	10.52	10.40	0.56	10.40	7.39	9.18	10.22	10.09	7.40	7.58	4.57	10.22	-0.18	-1.7%
NC_1065	25	4461	1.86	1.85	0.08	1.86	1.10	1.61	1.74	1.72	1.42	1.40	0.85	1.74	-0.12	-6.5%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_1066	20	4399	2.74	2.64	0.29	2.64	2.54	2.41	2.72	2.63	1.79	1.75	1.00	2.72	0.08	2.9%
NC_1067	20	4371	0.73	0.68	0.12	0.68	0.73	0.68	0.68	0.68	0.47	0.44	0.24	0.73	0.04	6.6%
NC_1068	20	4367	1.11	1.06	0.15	1.06	1.02	1.00	1.07	1.05	0.72	0.68	0.39	1.07	0.01	0.8%
NC_1069	10	4364	1.00	1.00	0.10	1.01	1.01	0.88	0.85	0.86	0.60	0.55	0.30	1.01	0.00	0.0%
NC_1070	10	4364	1.45	1.46	0.13	1.47	1.47	1.23	1.27	1.26	0.84	0.80	0.44	1.47	0.00	0.0%
NC_1071	10	4364	0.53	0.54	0.06	0.54	0.54	0.48	0.46	0.47	0.33	0.30	0.16	0.54	0.00	0.2%
NC_1072	20	4433	0.76	0.72	0.12	0.72	0.71	0.72	0.72	0.72	0.50	0.47	0.26	0.72	0.00	-0.3%
NC_1073	20	4429	5.40	5.22	0.61	5.29	5.24	4.60	5.29	5.10	3.42	3.32	1.89	5.29	0.00	0.1%
NC_1074	20	4428	8.27	8.29	0.77	8.30	7.40	6.78	8.31	7.87	5.47	5.36	3.00	8.31	0.01	0.2%
NC_1075	20	4429	2.87	2.72	0.41	2.74	2.78	2.58	2.74	2.69	1.86	1.75	0.99	2.78	0.04	1.4%
NC_1076	20	4433	0.53	0.51	0.08	0.52	0.44	0.51	0.52	0.52	0.37	0.34	0.20	0.52	0.00	0.2%
NC_1077	20	4429	0.34	0.33	0.05	0.33	0.30	0.32	0.33	0.33	0.23	0.21	0.12	0.33	0.00	-0.9%
NC_1078	20	4429	2.02	1.97	0.20	1.99	1.93	1.74	1.99	1.93	1.26	1.24	0.70	1.99	0.00	0.1%
NC_1079	20	4429	3.27	3.29	0.18	3.31	2.54	2.91	3.31	3.24	2.30	2.24	1.33	3.31	0.00	-0.1%
NC_1080	10	4364	0.54	0.54	0.06	0.55	0.55	0.48	0.46	0.47	0.32	0.30	0.16	0.55	0.00	-0.5%
NC_1081	25	4464	1.42	1.42	0.10	1.42	0.87	1.31	1.39	1.37	1.18	1.11	0.70	1.39	-0.03	-2.5%
NC_1082	20	4399	1.38	1.36	0.12	1.36	1.14	1.25	1.38	1.35	0.93	0.91	0.53	1.38	0.02	1.4%
NC_1083	20	4429	0.54	0.52	0.08	0.52	0.48	0.51	0.52	0.52	0.36	0.34	0.19	0.52	0.00	-0.2%
NC_1084	20	4433	0.98	0.95	0.13	0.96	0.78	0.94	0.96	0.96	0.71	0.68	0.41	0.96	0.00	0.1%
NC_1085	25	4394	1.44	1.43	0.10	1.44	0.87	1.31	1.40	1.38	1.16	1.10	0.69	1.40	-0.04	-2.8%
NC_1086	20	4433	0.57	0.54	0.09	0.54	0.53	0.54	0.53	0.54	0.37	0.35	0.20	0.54	0.00	-0.6%
NC_1087	45	4528	3.11	3.10	0.25	3.15	2.00	2.72	2.77	2.77	2.75	2.66	1.74	2.77	-0.38	-12.1%
NC_1088	20	4433	1.63	1.58	0.17	1.58	1.45	1.50	1.61	1.58	1.09	1.06	0.62	1.61	0.03	1.7%
NC_1089	20	4399	1.04	1.02	0.10	1.02	0.86	0.96	1.04	1.02	0.72	0.71	0.41	1.04	0.02	2.0%
NC_1090	20	4433	0.64	0.61	0.10	0.61	0.58	0.60	0.61	0.61	0.43	0.39	0.23	0.61	0.00	-0.5%
NC_1091	20	4399	2.47	2.40	0.24	2.40	2.25	2.23	2.45	2.40	1.65	1.61	0.93	2.45	0.05	2.0%
NC_1092	60	4558	19.31	18.92	1.02	18.93	7.86	13.48	13.69	13.68	16.86	16.95	13.42	16.95	-1.98	-10.4%
NC_1093	45	4528	3.43	3.43	0.26	3.50	2.10	2.90	3.02	3.00	3.05	2.96	1.96	3.05	-0.45	-12.8%
NC_1094	20	4429	2.73	2.75	0.17	2.76	2.15	2.38	2.76	2.69	1.98	1.91	1.13	2.76	0.00	0.1%
NC_1095	20	4399	2.63	2.55	0.25	2.56	2.36	2.33	2.61	2.54	1.77	1.72	1.00	2.61	0.05	1.8%
NC_1096	20	4433	1.20	1.18	0.09	1.19	0.82	1.14	1.20	1.19	0.97	0.92	0.57	1.20	0.01	0.6%
NC_1097	30	4498	1.48	1.47	0.12	1.48	0.77	1.29	1.37	1.35	1.29	1.22	0.78	1.37	-0.11	-7.6%
NC_1098	20	4429	0.96	0.93	0.11	0.94	0.92	0.84	0.94	0.91	0.61	0.59	0.34	0.94	0.00	0.0%
NC_1099	20	4399	1.12	1.09	0.12	1.10	1.00	1.00	1.12	1.09	0.73	0.71	0.41	1.12	0.02	1.5%
NC_1100	60	4558	19.22	18.84	0.94	18.86	7.75	13.29	13.50	13.49	16.78	16.86	13.68	16.86	-2.00	-10.6%
NC_1101	45	4496	11.63	11.58	0.47	11.68	5.69	9.25	9.44	9.44	9.40	9.78	6.43	9.78	-1.90	-16.3%
NC_1102	90	4395	186.67	188.36	10.54	189.15	66.06	112.40	112.86	112.99	189.15	193.91	180.77	193.91	4.76	2.5%
NC_1103	20	4399	2.19	2.13	0.21	2.14	2.06	1.92	2.17	2.11	1.37	1.35	0.77	2.17	0.03	1.4%
NC_1104	15	4401	1.03	0.99	0.11	1.00	1.02	0.85	0.99	0.95	0.62	0.61	0.34	1.02	0.02	1.9%
NC_1105	90	4585	7.21	7.34	0.87	7.48	0.60	0.94	0.94	0.94	8.15	9.01	6.69	9.01	1.53	20.4%
NC_1106	90	4395	180.21	181.73	10.34	182.39	65.79	111.57	112.02	112.15	182.39	186.85	174.40	186.85	4.46	2.4%
NC_1107	30	4498	9.22	9.15	0.49	9.32	5.21	7.64	8.14	8.10	7.22	7.76	4.87	8.14	-1.18	-12.7%
NC_1108	15	4401	0.98	0.92	0.12	0.93	0.97	0.84	0.94	0.91	0.60	0.58	0.33	0.97	0.04	4.4%
NC_1109	20	4429	9.66	9.60	0.66	9.67	7.90	8.52	9.67	9.38	7.87	7.39	4.77	9.67	0.00	0.0%
NC_1110	25	4394	8.91	9.01	0.51	9.08	6.08	7.87	8.63	8.51	7.36	7.14	4.66	8.63	-0.45	-4.9%
NC_1111	20	4433	1.81	1.73	0.20	1.74	1.64	1.68	1.76	1.74	1.20	1.15	0.68	1.76	0.02	1.0%
NC_1112	90	4395	207.31	209.09	12.09	210.26	75.65	126.23	126.97	127.00	210.26	215.19	199.48	215.19	4.93	2.3%
NC_1113	90	4395	206.18	206.76	9.81	206.85	70.78	122.80	123.38	123.44	206.85	211.96	204.32	211.96	5.11	2.5%
NC_1114	90	4395	205.75	206.27	9.69	206.32	70.56	122.44	123.02	123.08	206.32	211.40	204.54	211.40	5.08	2.5%
NC_1115	20	4429	1.62	1.52	0.23	1.53	1.61	1.45	1.53	1.51	1.02	0.96	0.55	1.61	0.08	5.3%
NC_1116	20	4429	1.94	1.85	0.26	1.87	1.92	1.71	1.87	1.82	1.23	1.18	0.67	1.92	0.05	2.5%
NC_1117	20	4429	3.85	3.86	0.25	3.90	3.07	3.39	3.90	3.79	2.66	2.59	1.51	3.90	0.00	0.0%
NC_1118	10	4364	0.61	0.61	0.06	0.62	0.62	0.53	0.51	0.52	0.36	0.33	0.18	0.62	0.00	-0.6%
NC_1119	20	4367	18.90	19.05	1.38	19.08	15.14	15.78	18.97	18.48	12.78	12.85	7.34	18.97	-0.11	-0.6%
NC_1120	20	4399	2.61	2.59	0.21	2.60	2.31	2.33	2.61	2.56	1.67	1.64	0.95	2.61	0.01	0.3%
NC_1121	30	4498	28.40	27.98	2.19	28.56	18.22	24.64	26.58	26.39	28.61	28.43	21.34	28.61	0.05	0.2%
NC_1122	10	4364	0.68	0.69	0.07	0.69	0.69	0.62	0.60	0.61	0.42	0.39	0.21	0.69	0.00	0.4%
NC_1123	20	4429	2.01	1.91	0.26	1.94	1.98	1.76	1.94	1.89	1.28	1.22	0.70	1.98	0.04	2.2%
NC_1124	25	4466	27.16	27.13	1.31	27.20	18.47	23.82	26.06	25.77	27.84	27.02	20.28	27.84	0.64	2.3%
NC_1125	25	4466	27.41	27.49	1.42	27.59	18.94	24.11	26.43	26.09	28.00	26.98	20.20	28.00	0.41	1.5%
NC_1126	20	4433	0.85	0.80	0.14	0.80	0.83	0.80	0.79	0.80	0.56	0.51	0.29	0.83	0.03	3.9%
NC_1127	10	4364	2.52	2.53	0.12	2.54	2.54	2.07	2.35	2.27	1.48	1.43	0.82	2.54	0.00	-0.1%
NC_1128	10	4364	1.57	1.58	0.12	1.59	1.59	1.38	1.46	1.43	0.96	0.91	0.51	1.59	0.00	-0.1%
NC_1129	15	4401	3.23	3.13	0.29	3.16	3.14	2.62	3.14	3.00	2.00	1.95	1.11	3.14	-0.02	-0.7%
NC_1130	20	4399	5.11	5.00	0.50	5.01	4.71	4.30	5.09	4.86	3.35	3.27	1.85	5.09	0.08	1.7%
NC_1131	60	4558	11.61	11.47	0.46	11.49	3.88	7.57	7.69	7.68	10.65	10.45	8.52	10.65	-0.84	-7.3%
NC_1132	20	4433	1.40	1.31	0.22	1.31	1.40	1.30	1.31	1.31	0.91	0.84	0.47	1.40	0.09	6.9%
NC_1133	20	4399	5.79	5.66	0.56	5.68	5.19	4.98	5.77	5.53	3.81	3.72	2.11	5.77	0.09	1.6%
NC_1134	20	4429	2.82	2.70	0.36	2.74	2.74	2.48	2.74	2.66	1.80	1.73	0.99	2.74	0.00	0.0%
NC_1135	20	4371	0.69	0.65	0.11	0.65	0.67	0.65	0.64	0.65	0.45	0.42	0.23	0.67	0.02	2.3%
NC_1136	45	4528	2.27	2.26	0.18	2.33	1.07	1.84	1.94	1.92	1.95	1.94	1.22	1.95	-0.38	-16.4%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_1137	25	4466	8.27	8.26	0.56	8.32	5.99	7.14	8.15	7.99	5.85	5.92	3.51	8.15	-0.17	-2.0%
NC_1138	10	4357	0.74	0.75	0.08	0.76	0.76	0.68	0.66	0.67	0.46	0.43	0.23	0.76	0.00	-0.4%
NC_1139	10	4364	1.95	1.96	0.15	1.97	1.97	1.72	1.82	1.79	1.19	1.13	0.64	1.97	0.00	-0.1%
NC_1140	20	4433	1.42	1.37	0.15	1.37	1.31	1.28	1.40	1.37	0.89	0.88	0.51	1.40	0.03	1.9%
NC_1141	45	4528	9.38	9.34	0.64	9.72	4.40	7.85	8.28	8.23	7.92	7.99	5.04	8.28	-1.44	-14.8%
NC_1142	45	4533	9.32	9.29	0.54	9.61	4.13	7.52	7.87	7.84	7.83	8.01	5.17	8.01	-1.60	-16.6%
NC_1143	20	4429	1.24	1.16	0.19	1.17	1.21	1.13	1.17	1.16	0.79	0.75	0.42	1.21	0.04	3.8%
NC_1144	45	4534	9.90	9.85	0.40	9.90	4.15	7.64	7.98	7.95	8.14	8.65	5.71	8.65	-1.25	-12.6%
NC_1145	45	4533	10.30	10.18	0.34	10.24	4.18	7.73	8.06	8.03	8.65	9.08	6.06	9.08	-1.16	-11.3%
NC_1146	10	4364	0.83	0.83	0.09	0.84	0.84	0.76	0.75	0.75	0.52	0.48	0.26	0.84	0.00	0.1%
NC_1147	20	4429	0.91	0.87	0.12	0.88	0.90	0.79	0.88	0.85	0.57	0.55	0.31	0.90	0.02	2.5%
NC_1148	45	4533	10.87	10.80	0.31	10.87	4.48	7.84	8.12	8.10	9.43	9.64	6.58	9.64	-1.23	-11.3%
NC_1149	20	4429	1.16	1.08	0.18	1.08	1.16	1.05	1.08	1.07	0.73	0.69	0.39	1.16	0.08	7.7%
NC_1150	20	4371	0.75	0.70	0.13	0.70	0.76	0.70	0.69	0.69	0.48	0.44	0.25	0.76	0.06	8.9%
NC_1151	20	4399	2.15	2.12	0.18	2.13	1.86	1.87	2.16	2.09	1.42	1.39	0.79	2.16	0.03	1.3%
NC_1152	20	4428	2.55	2.52	0.21	2.53	2.16	2.21	2.57	2.48	1.70	1.67	0.95	2.57	0.04	1.5%
NC_1153	20	4428	2.61	2.58	0.22	2.59	2.24	2.25	2.62	2.53	1.74	1.71	0.97	2.62	0.03	1.2%
NC_1154	20	4429	2.20	2.04	0.35	2.05	2.23	1.99	2.05	2.03	1.39	1.30	0.73	2.23	0.18	8.6%
NC_1155	20	4428	3.92	3.90	0.27	3.92	3.26	3.49	3.95	3.86	2.62	2.56	1.49	3.95	0.03	0.7%
NC_1156	15	4401	3.83	3.83	0.23	3.86	3.45	3.08	3.83	3.62	2.51	2.46	1.38	3.83	-0.03	-0.8%
NC_1157	20	4429	4.69	4.71	0.24	4.72	3.49	4.18	4.72	4.63	3.36	3.28	1.95	4.72	0.00	0.1%
NC_1158	25	4461	8.84	8.73	0.47	8.74	6.02	7.61	8.53	8.41	6.29	6.48	3.86	8.53	-0.21	-2.4%
NC_1159	25	4458	8.99	8.89	0.45	8.92	6.04	7.74	8.63	8.52	6.41	6.66	3.98	8.63	-0.29	-3.2%
NC_1160	25	4458	9.26	9.19	0.41	9.24	6.02	8.00	8.80	8.71	6.67	7.10	4.26	8.80	-0.44	-4.7%
NC_1161	45	4528	3.68	3.64	0.35	3.70	2.41	3.31	3.33	3.33	3.29	3.10	2.05	3.33	-0.37	-9.9%
NC_1162	20	4433	0.97	0.91	0.15	0.91	0.91	0.91	0.91	0.91	0.64	0.59	0.34	0.91	0.00	0.3%
NC_1163	20	4429	1.13	1.06	0.18	1.07	1.13	1.03	1.07	1.06	0.72	0.68	0.38	1.13	0.06	5.5%
NC_1164	45	4528	2.98	2.98	0.23	3.04	1.26	2.28	2.35	2.34	2.61	2.58	1.65	2.61	-0.43	-14.2%
NC_1165	20	4371	0.67	0.63	0.11	0.63	0.65	0.63	0.62	0.63	0.44	0.40	0.23	0.65	0.02	3.0%
NC_1166	10	4364	1.43	1.44	0.14	1.45	1.45	1.25	1.26	1.26	0.86	0.80	0.44	1.45	0.00	0.1%
NC_1167	45	4528	4.66	4.64	0.43	4.72	2.95	3.93	4.19	4.14	4.24	4.01	2.68	4.24	-0.48	-10.3%
NC_1168	45	4496	14.98	14.86	0.69	14.95	7.62	12.12	12.56	12.52	11.91	12.49	7.99	12.56	-2.39	-16.0%
NC_1169	60	4558	2.87	2.86	0.17	2.86	1.00	1.82	1.85	1.84	2.85	2.85	2.29	2.85	-0.01	-0.2%
NC_1170	60	4405	1.80	1.80	0.14	1.80	0.58	1.11	1.13	1.13	1.79	1.77	1.31	1.79	-0.01	-0.4%
NC_1171	20	4433	0.57	0.55	0.07	0.56	0.42	0.53	0.56	0.56	0.40	0.39	0.23	0.56	0.00	0.5%
NC_1172	25	4460	0.91	0.91	0.08	0.91	0.55	0.84	0.91	0.89	0.73	0.70	0.42	0.91	-0.01	-0.5%
NC_1173	60	4558	4.02	4.03	0.21	4.03	1.80	2.81	2.90	2.89	4.23	4.08	3.40	4.23	0.20	5.0%
NC_1174	20	4433	1.02	0.95	0.16	0.96	1.00	0.95	0.95	0.96	0.67	0.62	0.35	1.00	0.04	4.1%
NC_1175	10	4364	0.73	0.74	0.08	0.74	0.74	0.67	0.65	0.66	0.45	0.42	0.23	0.74	0.00	0.1%
NC_1176	30	4498	2.09	2.07	0.18	2.09	1.07	1.80	1.91	1.89	1.79	1.71	1.08	1.91	-0.18	-8.7%
NC_1177	45	4496	15.39	15.27	0.59	15.47	7.49	12.11	12.50	12.47	12.25	12.91	8.54	12.91	-2.56	-16.5%
NC_1178	60	4405	4.18	4.18	0.20	4.18	1.70	2.83	2.90	2.89	4.34	4.28	3.61	4.34	0.16	3.8%
NC_1179	20	4433	0.53	0.51	0.08	0.52	0.43	0.51	0.52	0.52	0.37	0.35	0.20	0.52	0.00	0.6%
NC_1180	20	4371	0.71	0.65	0.12	0.66	0.72	0.66	0.64	0.65	0.45	0.42	0.23	0.72	0.06	8.8%
NC_1181	20	4399	1.79	1.78	0.14	1.79	1.49	1.61	1.80	1.76	1.20	1.17	0.68	1.80	0.01	0.4%
NC_1182	25	4461	2.63	2.67	0.19	2.69	1.79	2.36	2.62	2.58	1.96	1.90	1.14	2.62	-0.07	-2.5%
NC_1183	45	4528	2.65	2.65	0.23	2.71	1.46	2.20	2.35	2.32	2.41	2.32	1.54	2.41	-0.30	-11.2%
NC_1184	20	4399	0.89	0.85	0.10	0.85	0.82	0.77	0.88	0.85	0.56	0.55	0.31	0.88	0.03	2.9%
NC_1185	45	4528	1.95	1.96	0.16	2.00	0.86	1.51	1.57	1.56	1.76	1.73	1.14	1.76	-0.24	-12.1%
NC_1186	20	4433	0.55	0.52	0.08	0.53	0.47	0.52	0.53	0.53	0.37	0.34	0.20	0.53	0.00	-0.4%
NC_1187	60	4405	4.43	4.43	0.24	4.43	1.83	3.05	3.14	3.13	4.61	4.54	3.81	4.61	0.18	4.0%
NC_1188	45	4528	3.84	3.87	0.28	3.96	1.81	3.00	3.16	3.13	3.43	3.43	2.26	3.43	-0.53	-13.4%
NC_1189	20	4371	0.72	0.67	0.12	0.67	0.70	0.67	0.67	0.67	0.47	0.43	0.24	0.70	0.03	4.8%
NC_1190	25	4461	9.68	9.62	0.43	9.64	6.10	8.49	9.19	9.11	7.29	7.51	4.58	9.19	-0.45	-4.7%
NC_1191	10	4364	1.49	1.50	0.14	1.51	1.51	1.32	1.33	1.33	0.91	0.85	0.47	1.51	0.00	0.1%
NC_1192	20	4399	4.25	4.16	0.40	4.18	3.67	3.74	4.25	4.11	2.87	2.79	1.61	4.25	0.07	1.6%
NC_1193	25	4461	6.17	6.11	0.33	6.15	4.12	5.39	5.95	5.89	4.52	4.55	2.73	5.95	-0.21	-3.3%
NC_1194	25	4466	25.85	25.91	1.88	26.23	20.27	22.44	25.85	25.22	18.33	18.35	11.01	25.85	-0.38	-1.5%
NC_1195	20	4429	2.28	2.17	0.29	2.21	2.27	1.98	2.21	2.14	1.43	1.38	0.79	2.27	0.06	2.7%
NC_1196	20	4429	1.84	1.75	0.25	1.77	1.83	1.62	1.77	1.73	1.14	1.10	0.63	1.83	0.05	3.1%
NC_1197	10	4364	0.87	0.87	0.09	0.88	0.88	0.75	0.74	0.75	0.51	0.47	0.26	0.88	0.00	0.0%
NC_1198	10	4364	1.14	1.14	0.11	1.15	1.15	0.98	0.97	0.98	0.67	0.62	0.34	1.15	0.00	0.0%
NC_1199	20	4429	13.71	13.66	0.78	13.78	11.31	12.32	13.78	13.46	9.89	9.58	5.85	13.78	0.00	0.0%
NC_1200	10	4364	1.15	1.15	0.12	1.16	1.16	1.00	0.99	1.00	0.68	0.63	0.35	1.16	0.00	0.1%
NC_1201	20	4429	11.31	11.28	0.60	11.37	9.33	10.27	11.37	11.14	8.24	8.00	4.92	11.37	0.00	0.0%
NC_1202	10	4364	1.39	1.40	0.13	1.41	1.41	1.20	1.22	1.21	0.82	0.77	0.43	1.41	0.00	-0.1%
NC_1203	20	4367	2.31	2.22	0.26	2.22	2.17	2.09	2.25	2.22	1.49	1.44	0.83	2.25	0.03	1.5%
NC_1204	15	4401	2.45	2.33	0.29	2.35	2.44	2.10	2.38	2.30	1.52	1.48	0.84	2.44	0.09	3.8%
NC_1205	10	4364	1.75	1.76	0.14	1.78	1.78	1.50	1.59	1.56	1.03	0.99	0.56	1.78	-0.01	-0.3%
NC_1206	10	4364	0.72	0.72	0.07	0.73	0.73	0.62	0.61	0.61	0.42	0.39	0.21	0.73	0.00	-0.3%
NC_1207	10	4364	1.50	1.51	0.13	1.52	1.52	1.26	1.32	1.30	0.87	0.82	0.46	1.52	0.00	-0.1%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_1208	10	4357	1.04	1.05	0.11	1.05	1.05	0.93	0.93	0.93	0.64	0.60	0.33	1.05	0.00	0.4%
NC_1209	20	4429	1.92	1.82	0.27	1.83	1.92	1.72	1.83	1.80	1.22	1.15	0.66	1.92	0.09	5.0%
NC_1210	20	4433	1.46	1.42	0.15	1.43	1.24	1.36	1.44	1.43	1.02	0.99	0.59	1.44	0.01	0.9%
NC_1211	20	4429	3.54	3.37	0.45	3.43	3.53	3.07	3.43	3.32	2.24	2.15	1.23	3.53	0.10	2.9%
NC_1212	10	4364	2.07	2.08	0.13	2.09	2.09	1.70	1.88	1.83	1.20	1.16	0.65	2.09	0.00	-0.2%
NC_1213	20	4371	0.69	0.64	0.11	0.64	0.66	0.64	0.64	0.64	0.45	0.42	0.23	0.66	0.02	2.3%
NC_1214	10	4364	0.66	0.67	0.07	0.67	0.67	0.61	0.59	0.60	0.41	0.38	0.21	0.67	0.00	0.6%
NC_1215	20	4429	16.09	16.07	0.94	16.20	13.05	14.30	16.20	15.82	11.56	11.19	6.82	16.20	0.00	0.0%
NC_1216	20	4429	4.90	4.87	0.40	4.92	4.22	4.15	4.92	4.70	3.39	3.30	1.90	4.92	0.00	0.0%
NC_1217	10	4357	0.73	0.74	0.08	0.74	0.74	0.65	0.64	0.64	0.44	0.41	0.22	0.74	0.00	0.3%
NC_1218	20	4433	1.53	1.46	0.18	1.47	1.41	1.41	1.49	1.47	0.99	0.94	0.55	1.49	0.02	1.2%
NC_1219	25	4466	4.90	4.88	0.33	4.90	3.51	4.18	4.80	4.70	3.58	3.57	2.13	4.80	-0.11	-2.1%
NC_1220	10	4364	3.23	3.25	0.20	3.27	3.27	2.83	3.06	3.01	1.96	1.88	1.09	3.27	0.00	-0.2%
NC_1221	10	4364	0.80	0.80	0.08	0.81	0.81	0.70	0.69	0.69	0.48	0.44	0.24	0.81	0.00	-0.2%
NC_1222	15	4401	2.85	2.74	0.29	2.77	2.77	2.37	2.79	2.67	1.78	1.73	0.99	2.79	0.02	0.6%
NC_1223	10	4364	1.44	1.45	0.13	1.46	1.46	1.22	1.26	1.25	0.83	0.79	0.44	1.46	0.00	0.2%
NC_1224	20	4429	1.01	0.95	0.16	0.95	0.97	0.94	0.95	0.95	0.66	0.62	0.35	0.97	0.02	1.9%
NC_1225	20	4399	2.71	2.66	0.24	2.68	2.31	2.43	2.72	2.65	1.82	1.78	1.03	2.72	0.03	1.3%
NC_1226	20	4399	2.26	2.24	0.18	2.24	1.77	2.10	2.26	2.23	1.62	1.56	0.95	2.26	0.02	0.8%
NC_1227	25	4466	29.00	28.74	1.74	28.80	21.20	25.08	28.52	28.01	20.51	21.02	12.66	28.52	-0.28	-1.0%
NC_1228	25	4458	32.57	32.24	1.69	32.47	22.94	28.12	31.59	31.13	22.95	23.89	14.41	31.59	-0.88	-2.7%
NC_1229	20	4429	4.37	4.36	0.34	4.41	3.81	3.69	4.41	4.25	2.84	2.80	1.58	4.41	0.00	0.0%
NC_1230	10	4364	1.68	1.69	0.14	1.70	1.70	1.42	1.50	1.47	0.98	0.93	0.52	1.70	0.00	-0.1%
NC_1231	15	4401	2.64	2.52	0.32	2.53	2.66	2.25	2.52	2.44	1.61	1.56	0.89	2.66	0.13	5.3%
NC_1232	20	4433	1.05	1.02	0.14	1.03	0.85	1.01	1.03	1.03	0.77	0.73	0.44	1.03	0.00	0.2%
NC_1233	20	4428	4.87	4.84	0.38	4.86	3.77	4.33	4.92	4.76	3.73	3.58	2.14	4.92	0.06	1.2%
NC_1234	20	4399	4.01	3.97	0.34	3.97	2.97	3.61	4.05	3.93	3.05	2.94	1.73	4.05	0.08	2.0%
NC_1235	45	4528	2.97	2.94	0.26	3.02	1.78	2.55	2.70	2.68	2.64	2.50	1.64	2.70	-0.32	-10.5%
NC_1236	20	4371	0.65	0.61	0.11	0.61	0.62	0.61	0.61	0.61	0.43	0.40	0.22	0.62	0.01	2.1%
NC_1237	45	4528	3.96	3.95	0.33	3.99	2.50	3.48	3.56	3.57	3.60	3.44	2.32	3.60	-0.39	-9.8%
NC_1238	20	4433	1.09	1.04	0.13	1.04	0.99	0.98	1.07	1.04	0.70	0.68	0.39	1.07	0.02	2.4%
NC_1239	30	4500	4.84	4.80	0.34	4.83	3.55	4.51	4.71	4.67	4.38	4.06	2.77	4.71	-0.12	-2.5%
NC_1240	25	4460	5.34	5.36	0.35	5.41	4.04	4.95	5.24	5.17	4.81	4.42	3.02	5.24	-0.17	-3.2%
NC_1241	20	4429	1.19	1.10	0.19	1.11	1.20	1.07	1.11	1.10	0.74	0.70	0.39	1.20	0.09	8.4%
NC_1242	20	4429	1.55	1.46	0.22	1.48	1.56	1.36	1.48	1.44	0.97	0.93	0.52	1.56	0.08	5.3%
NC_1243	10	4364	1.34	1.35	0.11	1.36	1.36	1.19	1.24	1.23	0.82	0.78	0.44	1.36	0.00	-0.3%
NC_1244	20	4429	2.96	2.78	0.42	2.82	2.97	2.56	2.82	2.73	1.86	1.77	1.00	2.97	0.15	5.4%
NC_1245	10	4364	1.21	1.22	0.11	1.23	1.23	1.09	1.12	1.11	0.75	0.71	0.40	1.23	0.00	-0.3%
NC_1246	10	4364	0.87	0.87	0.09	0.88	0.88	0.77	0.76	0.76	0.53	0.49	0.27	0.88	0.00	0.0%
NC_1247	10	4364	1.29	1.30	0.12	1.31	1.31	1.11	1.13	1.13	0.76	0.71	0.40	1.31	0.00	0.1%
NC_1248	20	4429	1.88	1.77	0.27	1.78	1.90	1.67	1.78	1.75	1.17	1.11	0.63	1.90	0.12	6.7%
NC_1249	20	4399	0.96	0.96	0.07	0.96	0.63	0.90	0.97	0.95	0.77	0.73	0.45	0.97	0.01	1.0%
NC_1250	20	4428	4.80	4.79	0.37	4.80	3.73	4.30	4.84	4.68	3.65	3.50	2.09	4.84	0.04	0.8%
NC_1251	20	4433	0.52	0.50	0.08	0.51	0.44	0.50	0.51	0.51	0.36	0.33	0.19	0.51	0.00	-0.4%
NC_1252	20	4399	2.35	2.32	0.22	2.33	1.83	2.08	2.38	2.29	1.70	1.65	0.96	2.38	0.05	2.0%
NC_1253	20	4433	1.58	1.55	0.17	1.56	1.15	1.46	1.60	1.56	1.15	1.12	0.66	1.60	0.03	2.2%
NC_1254	20	4433	0.55	0.53	0.08	0.54	0.43	0.52	0.54	0.54	0.38	0.37	0.22	0.54	0.00	-0.2%
NC_1255	20	4399	3.36	3.35	0.26	3.38	2.37	2.98	3.40	3.28	2.57	2.48	1.45	3.40	0.02	0.6%
NC_1256	25	4461	4.37	4.46	0.28	4.46	2.53	3.82	4.17	4.12	3.51	3.38	2.06	4.17	-0.29	-6.4%
NC_1257	25	4394	4.50	4.59	0.27	4.61	2.60	3.92	4.28	4.22	3.62	3.53	2.15	4.28	-0.33	-7.2%
NC_1258	20	4433	0.59	0.56	0.09	0.56	0.53	0.56	0.56	0.56	0.39	0.36	0.21	0.56	0.00	0.2%
NC_1259	25	4394	11.87	12.08	0.84	12.11	7.34	10.41	11.52	11.30	9.40	9.20	5.55	11.52	-0.59	-4.9%
NC_1260	20	4429	0.83	0.79	0.12	0.80	0.72	0.79	0.80	0.80	0.57	0.53	0.31	0.80	0.00	-0.3%
NC_1261	120	4499	215.52	216.08	18.26	218.04	71.77	125.00	125.57	125.64	212.66	218.04	220.07	220.07	2.03	0.9%
NC_1262	25	4462	0.90	0.91	0.09	0.92	0.55	0.81	0.89	0.87	0.73	0.69	0.42	0.89	-0.03	-2.9%
NC_1263	20	4433	2.11	2.01	0.24	2.01	2.01	1.99	2.01	2.01	1.59	1.46	0.93	2.01	0.00	0.2%
NC_1264	20	4404	1.97	1.97	0.15	1.97	1.32	1.77	2.01	1.94	1.52	1.46	0.86	2.01	0.04	1.9%
NC_1265	20	4428	2.74	2.72	0.22	2.73	1.96	2.42	2.79	2.68	2.06	1.99	1.16	2.79	0.06	2.2%
NC_1266	25	4461	5.05	5.14	0.48	5.16	3.37	4.42	5.05	4.88	3.95	3.82	2.26	5.05	-0.11	-2.1%
NC_1267	20	4429	0.59	0.56	0.09	0.56	0.53	0.56	0.56	0.57	0.40	0.37	0.21	0.57	0.00	0.9%
NC_1268	20	4371	0.62	0.58	0.10	0.58	0.60	0.58	0.58	0.58	0.40	0.37	0.21	0.60	0.02	3.3%
NC_1269	25	4394	5.33	5.44	0.45	5.48	3.41	4.58	5.23	5.07	4.17	4.08	2.42	5.23	-0.25	-4.5%
NC_1270	20	4367	1.40	1.34	0.20	1.36	1.29	1.28	1.36	1.33	0.93	0.87	0.50	1.36	0.00	-0.3%
NC_1271	25	4394	5.27	5.36	0.31	5.37	3.10	4.69	5.04	4.99	4.25	4.11	2.52	5.04	-0.33	-6.1%
NC_1272	20	4433	0.24	0.22	0.04	0.23	0.20	0.22	0.23	0.23	0.15	0.14	0.08	0.23	0.00	-0.9%
NC_1273	60	4558	8.50	8.41	0.70	8.41	3.58	6.18	6.36	6.34	8.38	8.49	6.63	8.49	0.08	1.0%
NC_1274	20	4428	2.44	2.40	0.21	2.41	2.10	2.10	2.45	2.36	1.60	1.58	0.89	2.45	0.04	1.7%
NC_1275	25	4458	4.26	4.22	0.20	4.23	2.83	3.69	4.07	4.02	3.02	3.13	1.86	4.07	-0.16	-3.8%
NC_1276	10	4364	1.44	1.45	0.12	1.46	1.46	1.28	1.34	1.32	0.88	0.84	0.47	1.46	0.00	-0.3%
NC_1277	20	4399	1.69	1.65	0.18	1.65	1.31	1.52	1.70	1.64	1.20	1.16	0.67	1.70	0.05	2.8%
NC_1278	15	4401	10.39	10.16	0.93	10.23	10.34	8.60	9.72	9.14	6.11	5.96	3.36	10.34	0.11	1.1%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_1279	15	4401	15.49	15.49	0.83	15.62	14.12	12.19	15.08	14.37	9.48	9.40	5.27	15.08	-0.54	-3.5%
NC_1280	10	4364	2.29	2.30	0.18	2.31	2.31	1.85	1.96	1.93	1.27	1.21	0.68	2.31	0.00	0.2%
NC_1281	10	4364	0.97	0.97	0.09	0.98	0.98	0.82	0.81	0.82	0.56	0.52	0.28	0.98	-0.01	-0.5%
NC_1282	10	4364	0.70	0.71	0.07	0.71	0.71	0.62	0.61	0.61	0.42	0.39	0.21	0.71	0.00	0.3%
NC_1283	10	4364	10.00	9.96	0.42	9.99	9.99	8.19	9.24	8.81	5.81	5.65	3.20	9.99	0.00	0.0%
NC_1284	10	4364	1.59	1.60	0.14	1.61	1.61	1.30	1.35	1.33	0.89	0.84	0.47	1.61	0.00	0.0%
NC_1285	10	4357	0.85	0.86	0.09	0.86	0.86	0.76	0.74	0.75	0.52	0.48	0.26	0.86	0.00	0.5%
NC_1286	10	4364	0.71	0.71	0.07	0.72	0.72	0.62	0.61	0.61	0.42	0.39	0.21	0.72	-0.01	-0.7%
NC_1287	10	4364	0.66	0.67	0.07	0.68	0.68	0.61	0.59	0.60	0.41	0.38	0.21	0.68	-0.01	-0.7%
NC_1288	10	4364	2.09	2.10	0.17	2.12	2.12	1.78	1.87	1.85	1.22	1.16	0.65	2.12	0.00	-0.2%
NC_1289	10	4364	0.66	0.66	0.07	0.67	0.67	0.59	0.57	0.58	0.40	0.37	0.20	0.67	-0.01	-0.7%
NC_1290	10	4364	1.27	1.28	0.10	1.29	1.29	1.14	1.19	1.18	0.79	0.75	0.42	1.29	0.00	-0.1%
NC_1291	10	4364	0.77	0.78	0.08	0.78	0.78	0.71	0.70	0.70	0.49	0.45	0.25	0.78	0.00	0.1%
NC_1292	20	4429	0.90	0.84	0.14	0.84	0.87	0.83	0.84	0.84	0.58	0.54	0.31	0.87	0.03	4.0%
NC_1293	20	4429	1.41	1.34	0.20	1.35	1.37	1.28	1.35	1.33	0.90	0.85	0.49	1.37	0.02	1.6%
NC_1294	20	4399	2.08	2.00	0.22	2.00	1.92	1.85	2.05	2.00	1.36	1.32	0.76	2.05	0.05	2.7%
NC_1295	20	4371	0.63	0.58	0.11	0.58	0.63	0.58	0.57	0.58	0.40	0.37	0.20	0.63	0.05	9.0%
NC_1296	20	4429	5.12	4.97	0.60	5.05	4.86	4.33	5.05	4.81	3.31	3.20	1.81	5.05	0.00	0.1%
NC_1297	25	4466	7.35	7.37	0.50	7.42	5.10	6.36	7.20	7.06	5.35	5.36	3.18	7.20	-0.22	-3.0%
NC_1298	10	4364	0.72	0.72	0.08	0.73	0.73	0.64	0.62	0.63	0.43	0.40	0.22	0.73	0.00	0.0%
NC_1299	10	4364	0.68	0.68	0.07	0.69	0.69	0.62	0.61	0.61	0.42	0.39	0.21	0.69	0.00	-0.4%
NC_1300	10	4364	0.73	0.74	0.08	0.74	0.74	0.67	0.66	0.66	0.46	0.42	0.23	0.74	0.00	0.5%
NC_1301	45	4534	42.62	42.52	1.73	42.93	13.27	29.47	30.29	30.23	36.86	39.81	26.33	39.81	-3.12	-7.3%
NC_1302	10	4364	0.74	0.74	0.08	0.75	0.75	0.66	0.64	0.65	0.45	0.41	0.23	0.75	0.00	-0.1%
NC_1303	20	4399	1.06	1.02	0.11	1.02	0.97	0.94	1.04	1.02	0.67	0.66	0.38	1.04	0.02	2.4%
NC_1304	25	4394	6.63	6.73	0.53	6.78	4.87	5.83	6.64	6.49	4.82	4.76	2.81	6.64	-0.14	-2.1%
NC_1305	10	4364	0.73	0.73	0.08	0.74	0.74	0.66	0.64	0.65	0.45	0.41	0.23	0.74	0.00	-0.3%
NC_1306	10	4364	1.30	1.31	0.11	1.32	1.32	1.13	1.17	1.16	0.78	0.74	0.41	1.32	0.00	-0.3%
NC_1307	20	4429	1.98	1.87	0.27	1.89	2.00	1.74	1.89	1.85	1.24	1.18	0.67	2.00	0.11	5.7%
NC_1308	10	4364	0.68	0.68	0.07	0.69	0.69	0.61	0.59	0.60	0.41	0.38	0.21	0.69	0.00	-0.1%
NC_1309	10	4364	1.20	1.20	0.11	1.21	1.21	1.03	1.06	1.05	0.71	0.67	0.37	1.21	0.00	0.2%
NC_1310	20	4399	6.83	6.67	0.72	6.68	6.40	5.66	6.81	6.41	4.46	4.35	2.44	6.81	0.13	1.9%
NC_1311	20	4429	5.18	5.04	0.59	5.11	4.92	4.40	5.11	4.83	3.35	3.25	1.84	5.11	0.00	-0.1%
NC_1312	20	4429	1.37	1.31	0.17	1.32	1.32	1.24	1.32	1.30	0.85	0.81	0.47	1.32	0.00	0.0%
NC_1313	10	4364	1.67	1.68	0.13	1.69	1.69	1.48	1.56	1.54	1.03	0.97	0.55	1.69	0.00	-0.2%
NC_1314	10	4364	0.70	0.70	0.07	0.71	0.71	0.62	0.61	0.61	0.42	0.39	0.21	0.71	-0.01	-0.7%
NC_1315	10	4357	0.72	0.73	0.08	0.74	0.74	0.66	0.65	0.66	0.45	0.42	0.23	0.74	0.00	-0.4%
NC_1316	20	4371	0.74	0.68	0.13	0.68	0.75	0.68	0.67	0.68	0.47	0.43	0.24	0.75	0.07	10.0%
NC_1317	20	4429	2.80	2.67	0.37	2.71	2.74	2.46	2.71	2.63	1.79	1.71	0.97	2.74	0.03	1.0%
NC_1318	10	4364	0.81	0.82	0.09	0.83	0.83	0.74	0.72	0.73	0.50	0.47	0.25	0.83	0.00	-0.2%
NC_1319	60	4405	10.08	10.02	0.39	10.04	4.11	6.39	6.60	6.60	8.25	7.77	6.54	8.25	-1.80	-17.9%
NC_1320	10	4364	1.46	1.47	0.12	1.48	1.48	1.27	1.32	1.31	0.87	0.83	0.46	1.48	0.00	0.0%
NC_1321	30	4498	6.96	6.88	0.50	7.02	4.68	6.12	6.57	6.52	5.35	5.58	3.55	6.57	-0.45	-6.5%
NC_1322	30	4498	6.95	6.87	0.47	7.01	4.62	6.08	6.51	6.47	5.33	5.62	3.61	6.51	-0.50	-7.2%
NC_1323	20	4371	0.44	0.41	0.08	0.41	0.42	0.41	0.40	0.41	0.28	0.26	0.14	0.42	0.01	3.2%
NC_1324	45	4534	24.51	24.43	1.24	24.86	13.58	20.17	21.20	21.10	20.99	21.33	14.81	21.33	-3.53	-14.2%
NC_1325	25	4461	7.47	7.55	0.52	7.63	5.28	6.79	7.35	7.23	6.09	5.77	3.65	7.35	-0.28	-3.7%
NC_1326	20	4371	0.50	0.47	0.08	0.47	0.47	0.47	0.47	0.47	0.33	0.30	0.17	0.47	0.00	-0.2%
NC_1327	45	4528	7.48	7.42	0.49	7.66	4.24	6.30	6.68	6.63	6.30	6.30	4.04	6.68	-0.98	-12.8%
NC_1328	20	4429	1.05	1.01	0.12	1.03	1.02	0.92	1.03	1.00	0.65	0.64	0.36	1.03	0.00	-0.1%
NC_1329	20	4371	0.77	0.72	0.13	0.72	0.75	0.72	0.71	0.72	0.50	0.46	0.26	0.75	0.03	3.5%
NC_1330	25	4460	3.34	3.36	0.22	3.37	2.14	3.03	3.28	3.24	2.68	2.55	1.60	3.28	-0.09	-2.6%
NC_1331	20	4399	1.02	1.01	0.09	1.01	0.78	0.93	1.03	1.00	0.73	0.71	0.42	1.03	0.02	1.6%
NC_1332	20	4429	0.78	0.74	0.11	0.75	0.70	0.74	0.75	0.75	0.53	0.49	0.28	0.75	0.00	-0.4%
NC_1333	30	4498	5.64	5.61	0.39	5.67	3.42	4.94	5.19	5.17	4.86	4.67	3.02	5.19	-0.48	-8.5%
NC_1334	30	4498	4.08	4.04	0.38	4.09	2.40	3.56	3.84	3.79	3.46	3.32	2.09	3.84	-0.26	-6.2%
NC_1335	20	4404	6.08	6.04	0.48	6.05	4.95	5.46	6.13	5.96	4.51	4.35	2.59	6.13	0.08	1.3%
NC_1336	20	4428	4.29	4.24	0.35	4.26	3.75	3.74	4.31	4.13	3.13	3.01	1.78	4.31	0.05	1.2%
NC_1337	20	4399	9.66	9.62	0.66	9.72	7.69	8.54	9.73	9.46	7.05	6.85	4.03	9.73	0.01	0.1%
NC_1338	20	4429	1.97	1.87	0.28	1.88	1.89	1.78	1.88	1.85	1.26	1.20	0.68	1.89	0.01	0.7%
NC_1339	20	4433	1.08	1.07	0.08	1.07	0.73	1.03	1.08	1.07	0.87	0.83	0.51	1.08	0.01	1.3%
NC_1340	20	4371	0.64	0.59	0.11	0.60	0.63	0.60	0.59	0.59	0.41	0.38	0.21	0.63	0.03	5.7%
NC_1341	20	4433	1.59	1.54	0.17	1.55	1.37	1.50	1.56	1.55	1.14	1.09	0.66	1.56	0.01	0.5%
NC_1342	20	4433	0.84	0.83	0.09	0.83	0.64	0.79	0.84	0.83	0.62	0.60	0.36	0.84	0.01	1.4%
NC_1343	20	4433	3.09	3.00	0.30	3.00	2.66	2.83	3.07	3.00	2.21	2.13	1.27	3.07	0.07	2.2%
NC_1344	20	4429	0.98	0.93	0.14	0.94	0.87	0.93	0.94	0.94	0.67	0.62	0.36	0.94	0.00	-0.5%
NC_1345	20	4429	0.53	0.51	0.08	0.51	0.46	0.50	0.51	0.51	0.36	0.33	0.19	0.51	0.00	-0.2%
NC_1346	20	4433	0.62	0.58	0.10	0.58	0.58	0.58	0.58	0.58	0.41	0.38	0.21	0.58	0.00	0.5%
NC_1347	20	4433	3.33	3.16	0.42	3.19	2.95	3.03	3.25	3.19	2.24	2.12	1.22	3.25	0.06	2.0%
NC_1348	10	4357	0.63	0.64	0.07	0.65	0.65	0.58	0.57	0.58	0.40	0.37	0.20	0.65	-0.01	-0.8%
NC_1349	20	4429	1.97	1.87	0.27	1.88	1.93	1.77	1.88	1.85	1.24	1.18	0.68	1.93	0.05	2.8%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_1350	20	4428	10.66	10.50	1.00	10.53	9.33	8.99	10.69	10.10	7.31	7.12	4.02	10.69	0.16	1.6%
NC_1351	20	4429	1.36	1.27	0.21	1.28	1.36	1.22	1.28	1.26	0.85	0.80	0.46	1.36	0.08	6.0%
NC_1352	10	4364	0.79	0.80	0.08	0.81	0.81	0.73	0.72	0.73	0.50	0.47	0.26	0.81	0.00	-0.2%
NC_1353	20	4371	0.68	0.63	0.12	0.63	0.69	0.63	0.62	0.63	0.43	0.40	0.22	0.69	0.06	8.7%
NC_1354	20	4429	2.00	1.91	0.27	1.92	1.95	1.80	1.92	1.89	1.27	1.21	0.70	1.95	0.03	1.3%
NC_1355	20	4429	1.30	1.21	0.20	1.22	1.31	1.17	1.22	1.21	0.82	0.77	0.43	1.31	0.09	7.0%
NC_1356	20	4399	11.16	11.07	0.99	11.16	9.55	9.31	11.20	10.62	7.78	7.57	4.29	11.20	0.04	0.4%
NC_1357	10	4364	0.45	0.45	0.05	0.45	0.45	0.40	0.38	0.39	0.27	0.25	0.13	0.45	0.00	0.9%
NC_1358	20	4367	2.77	2.69	0.29	2.69	2.59	2.39	2.75	2.65	1.78	1.75	0.99	2.75	0.06	2.3%
NC_1359	10	4364	0.74	0.75	0.08	0.75	0.75	0.68	0.67	0.67	0.46	0.43	0.24	0.75	0.00	0.1%
NC_1360	20	4429	1.33	1.24	0.21	1.25	1.34	1.20	1.25	1.23	0.84	0.79	0.44	1.34	0.09	7.4%
NC_1361	60	4405	6.43	6.41	1.02	6.43	1.95	3.11	3.16	3.15	6.99	6.66	4.15	6.99	0.56	8.7%
NC_1362	20	4429	3.23	3.14	0.36	3.19	3.06	2.77	3.19	3.06	2.10	2.03	1.16	3.19	0.00	0.0%
NC_1363	20	4429	2.68	2.56	0.35	2.59	2.61	2.38	2.59	2.53	1.71	1.64	0.94	2.61	0.02	0.8%
NC_1364	10	4364	1.12	1.13	0.10	1.14	1.14	1.00	1.03	1.02	0.69	0.65	0.36	1.14	0.00	-0.3%
NC_1365	20	4399	7.18	7.03	0.72	7.04	6.63	6.01	7.17	6.79	4.73	4.62	2.60	7.17	0.13	1.9%
NC_1366	20	4429	4.39	4.27	0.50	4.33	4.14	3.74	4.33	4.15	2.84	2.75	1.57	4.33	0.00	0.0%
NC_1367	20	4429	2.09	2.00	0.27	2.03	2.06	1.82	2.03	1.97	1.32	1.27	0.72	2.06	0.03	1.5%
NC_1368	25	4460	3.38	3.36	0.22	3.37	2.59	3.20	3.31	3.30	2.87	2.68	1.75	3.31	-0.06	-1.8%
NC_1369	10	4357	0.66	0.66	0.07	0.67	0.67	0.60	0.58	0.59	0.41	0.38	0.20	0.67	0.00	0.0%
NC_1370	20	4429	1.51	1.43	0.22	1.44	1.49	1.37	1.44	1.42	0.96	0.91	0.52	1.49	0.05	3.5%
NC_1371	90	4395	34.34	34.93	3.33	35.05	8.71	18.44	18.51	18.52	35.05	35.05	29.36	35.05	0.00	0.0%
NC_1372	20	4429	1.59	1.51	0.22	1.52	1.56	1.42	1.52	1.49	1.02	0.96	0.55	1.56	0.04	2.8%
NC_1373	60	4558	27.79	27.58	1.09	27.59	6.69	15.64	15.71	15.72	27.08	27.46	22.71	27.46	-0.13	-0.5%
NC_1374	10	4364	0.45	0.45	0.05	0.45	0.45	0.40	0.39	0.39	0.27	0.25	0.14	0.45	0.00	0.7%
NC_1375	20	4429	0.93	0.87	0.15	0.87	0.91	0.86	0.87	0.87	0.60	0.56	0.31	0.91	0.04	4.6%
NC_1376	20	4429	1.79	1.70	0.25	1.71	1.78	1.61	1.71	1.68	1.14	1.08	0.62	1.78	0.07	3.9%
NC_1377	20	4433	0.78	0.75	0.11	0.76	0.65	0.74	0.76	0.76	0.55	0.51	0.30	0.76	0.00	-0.3%
NC_1378	20	4433	0.62	0.58	0.10	0.58	0.57	0.58	0.58	0.58	0.41	0.38	0.21	0.58	0.00	0.5%
NC_1379	20	4399	2.90	2.89	0.21	2.90	2.30	2.66	2.92	2.85	2.30	2.19	1.34	2.92	0.02	0.6%
NC_1380	20	4429	3.20	3.10	0.35	3.14	3.04	2.78	3.14	3.04	2.13	2.04	1.18	3.14	0.00	0.1%
NC_1381	20	4433	0.68	0.65	0.10	0.65	0.62	0.64	0.65	0.65	0.46	0.42	0.24	0.65	0.00	-0.3%
NC_1382	20	4371	0.95	0.87	0.16	0.88	0.96	0.88	0.87	0.87	0.60	0.56	0.31	0.96	0.08	8.6%
NC_1383	20	4399	1.90	1.85	0.18	1.86	1.67	1.69	1.89	1.84	1.26	1.24	0.71	1.89	0.03	1.8%
NC_1384	20	4429	1.33	1.24	0.20	1.25	1.32	1.20	1.25	1.24	0.84	0.79	0.45	1.32	0.07	5.5%
NC_1385	10	4364	0.78	0.78	0.08	0.78	0.78	0.67	0.66	0.66	0.46	0.42	0.23	0.78	0.00	0.4%
NC_1386	60	4558	21.45	21.29	1.63	21.31	8.89	15.02	15.38	15.38	20.36	20.34	15.48	20.36	-0.95	-4.4%
NC_1387	20	4399	2.03	2.00	0.17	2.01	1.72	1.88	2.02	2.00	1.46	1.40	0.86	2.02	0.01	0.6%
NC_1388	30	4498	2.53	2.51	0.19	2.54	1.56	2.24	2.37	2.35	2.15	2.05	1.32	2.37	-0.17	-6.8%
NC_1389	20	4371	0.64	0.60	0.11	0.60	0.63	0.60	0.59	0.60	0.42	0.38	0.21	0.63	0.03	5.2%
NC_1390	20	4429	2.43	2.30	0.34	2.33	2.43	2.17	2.33	2.28	1.53	1.46	0.83	2.43	0.09	4.1%
NC_1391	20	4371	0.76	0.70	0.13	0.70	0.77	0.70	0.70	0.70	0.48	0.45	0.25	0.77	0.07	9.7%
NC_1392	20	4429	1.14	1.06	0.18	1.06	1.16	1.03	1.06	1.06	0.71	0.67	0.38	1.16	0.10	9.2%
NC_1393	60	4558	29.99	29.72	2.35	29.75	13.70	21.95	22.61	22.60	28.59	28.46	21.67	28.59	-1.16	-3.9%
NC_1394	45	4528	7.83	7.80	0.48	8.05	4.79	6.62	7.16	7.09	7.17	7.02	5.05	7.17	-0.88	-10.9%
NC_1395	45	4528	7.80	7.75	0.55	7.96	5.04	6.74	7.35	7.26	7.24	6.93	4.94	7.35	-0.61	-7.7%
NC_1396	20	4428	1.79	1.79	0.11	1.79	1.28	1.63	1.81	1.77	1.36	1.31	0.78	1.81	0.02	1.1%
NC_1397	10	4364	0.83	0.84	0.09	0.84	0.84	0.75	0.74	0.74	0.51	0.47	0.26	0.84	0.00	0.2%
NC_1398	20	4404	2.02	2.00	0.17	2.00	1.79	1.77	2.03	1.97	1.30	1.29	0.73	2.03	0.03	1.3%
NC_1399	10	4364	0.73	0.73	0.08	0.74	0.74	0.66	0.64	0.65	0.45	0.41	0.23	0.74	0.00	-0.4%
NC_1400	20	4371	0.69	0.64	0.12	0.64	0.70	0.64	0.63	0.64	0.44	0.41	0.23	0.70	0.05	8.6%
NC_1401	10	4364	1.03	1.04	0.06	1.04	1.04	0.84	0.94	0.91	0.60	0.58	0.33	1.04	0.00	0.4%
NC_1402	10	4365	0.05	0.05	0.00	0.05	0.04	0.05	0.03	0.04	0.03	0.02	0.01	0.05	0.00	-8.0%
NC_1403	20	4433	1.10	1.06	0.12	1.07	0.98	1.02	1.08	1.07	0.74	0.71	0.42	1.08	0.01	0.7%
NC_1404	20	4429	1.72	1.66	0.19	1.68	1.64	1.55	1.68	1.65	1.14	1.09	0.63	1.68	0.00	0.0%
NC_1405	20	4429	2.20	2.20	0.10	2.21	1.57	2.07	2.21	2.20	1.53	1.48	0.90	2.21	0.00	0.0%
NC_1406	10	4354	0.06	0.05	0.00	0.06	0.05	0.05	0.04	0.05	0.03	0.03	0.01	0.05	-0.01	-13.3%
NC_1407	20	4371	0.24	0.22	0.05	0.23	0.24	0.23	0.22	0.22	0.15	0.14	0.08	0.24	0.01	4.8%
NC_1408	20	4429	1.82	1.73	0.25	1.75	1.79	1.64	1.75	1.72	1.16	1.10	0.63	1.79	0.04	2.3%
NC_1409	20	4433	0.98	0.91	0.16	0.91	0.97	0.91	0.90	0.91	0.63	0.58	0.33	0.97	0.06	6.5%
NC_1410	10	4357	0.75	0.76	0.08	0.76	0.76	0.66	0.65	0.65	0.45	0.42	0.23	0.76	0.00	0.3%
NC_1411	10	4364	1.55	1.56	0.15	1.57	1.57	1.39	1.41	1.41	0.96	0.90	0.50	1.57	0.00	-0.1%
NC_1412	20	4428	1.87	1.84	0.16	1.86	1.64	1.58	1.88	1.81	1.21	1.19	0.67	1.88	0.02	1.2%
NC_1413	10	4357	0.33	0.33	0.04	0.34	0.34	0.30	0.28	0.28	0.20	0.18	0.10	0.34	-0.01	-1.5%
NC_1414	10	4364	0.80	0.80	0.08	0.81	0.81	0.69	0.67	0.68	0.47	0.43	0.23	0.81	0.00	-0.1%
NC_1415	20	4429	4.28	4.29	0.25	4.32	3.47	3.76	4.32	4.22	2.93	2.85	1.69	4.32	0.00	-0.1%
NC_1416	20	4429	2.02	1.96	0.21	1.98	1.96	1.78	1.98	1.93	1.34	1.28	0.74	1.98	0.00	0.2%
NC_1417	20	4428	3.05	3.03	0.21	3.07	2.63	2.67	3.07	2.99	2.06	2.01	1.18	3.07	0.00	0.1%
NC_1418	10	4364	0.83	0.82	0.08	0.83	0.83	0.71	0.67	0.70	0.47	0.43	0.23	0.83	0.00	-0.5%
NC_1419	25	4461	4.31	4.28	0.28	4.30	3.21	3.80	4.27	4.22	3.04	3.01	1.80	4.27	-0.03	-0.7%
NC_1420	20	4429	8.70	8.71	0.48	8.76	6.90	7.74	8.76	8.57	6.10	5.93	3.55	8.76	0.00	-0.1%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_1421	60	4558	51.98	51.21	2.14	51.25	21.78	35.30	35.89	35.92	48.45	48.05	41.31	48.45	-2.81	-5.5%
NC_1422	10	4364	1.67	1.67	0.14	1.68	1.68	1.38	1.37	1.39	0.90	0.85	0.48	1.68	0.00	-0.2%
NC_1423	15	4401	5.24	5.04	0.56	5.05	5.20	4.42	5.08	4.87	3.30	3.18	1.81	5.20	0.15	2.9%
NC_1424	20	4433	0.56	0.53	0.09	0.53	0.51	0.53	0.53	0.53	0.37	0.35	0.20	0.53	0.00	0.8%
NC_1425	60	4558	37.71	37.21	2.05	37.24	15.70	25.80	26.36	26.37	35.63	35.31	29.13	35.63	-1.61	-4.3%
NC_1426	20	4429	2.08	2.00	0.26	2.02	2.00	1.84	2.02	1.97	1.31	1.27	0.73	2.02	0.00	0.2%
NC_1427	10	4364	4.04	4.06	0.18	4.08	4.08	3.26	3.69	3.56	2.33	2.26	1.28	4.08	0.00	-0.1%
NC_1428	10	4364	2.03	2.03	0.16	2.05	2.05	1.65	1.70	1.68	1.10	1.05	0.59	2.05	0.00	-0.1%
NC_1429	10	4364	1.54	1.54	0.14	1.55	1.55	1.31	1.28	1.30	0.87	0.81	0.44	1.55	0.00	-0.1%
NC_1430	10	4364	1.63	1.64	0.16	1.65	1.65	1.40	1.41	1.41	0.95	0.89	0.49	1.65	0.00	0.1%
NC_1431	10	4364	1.86	1.87	0.15	1.88	1.88	1.54	1.56	1.55	1.02	0.97	0.54	1.88	0.00	-0.1%
NC_1432	10	4364	2.75	2.77	0.17	2.78	2.78	2.32	2.55	2.49	1.64	1.57	0.89	2.78	0.00	0.0%
NC_1433	15	4401	9.92	9.75	0.76	9.85	9.50	7.97	9.59	9.08	6.02	5.93	3.33	9.59	-0.26	-2.6%
NC_1434	15	4401	16.53	16.40	1.05	16.54	15.01	13.45	16.37	15.66	10.66	10.50	5.91	16.37	-0.17	-1.0%
NC_1435	20	4428	3.45	3.43	0.26	3.47	2.97	2.97	3.48	3.37	2.26	2.22	1.26	3.48	0.01	0.3%
NC_1436	20	4433	0.92	0.86	0.14	0.86	0.87	0.86	0.86	0.86	0.61	0.56	0.32	0.87	0.01	1.2%
NC_1437	10	4364	0.77	0.78	0.08	0.78	0.78	0.68	0.67	0.68	0.46	0.43	0.23	0.78	0.00	0.4%
NC_1438	10	4364	1.68	1.69	0.16	1.70	1.70	1.45	1.46	1.47	0.99	0.93	0.51	1.70	0.00	0.0%
NC_1439	20	4433	0.53	0.50	0.08	0.51	0.43	0.50	0.51	0.51	0.36	0.34	0.20	0.51	0.00	0.4%
NC_1440	10	4364	2.38	2.40	0.15	2.41	2.41	2.03	2.23	2.17	1.45	1.38	0.78	2.41	0.00	-0.1%
NC_1441	10	4364	0.74	0.74	0.08	0.74	0.74	0.64	0.62	0.63	0.43	0.40	0.22	0.74	0.00	0.5%
NC_1442	10	4364	1.34	1.35	0.12	1.36	1.36	1.17	1.20	1.20	0.81	0.76	0.42	1.36	0.00	-0.1%
NC_1443	20	4429	14.85	14.89	1.26	14.89	12.85	12.23	14.89	14.22	9.93	9.79	5.53	14.89	0.00	0.0%
NC_1444	10	4364	0.72	0.72	0.07	0.72	0.72	0.62	0.61	0.61	0.42	0.39	0.21	0.72	0.00	0.6%
NC_1445	10	4364	0.77	0.78	0.08	0.78	0.78	0.68	0.67	0.67	0.46	0.43	0.23	0.78	0.00	0.3%
NC_1446	20	4429	6.98	6.95	0.54	7.01	5.94	5.89	7.01	6.73	5.03	4.88	2.86	7.01	0.00	-0.1%
NC_1447	10	4357	0.70	0.71	0.07	0.71	0.71	0.62	0.60	0.61	0.42	0.39	0.21	0.71	0.00	0.3%
NC_1448	60	4558	44.19	43.06	2.83	43.22	14.66	28.65	29.28	29.24	39.62	42.34	30.30	42.34	-0.88	-2.0%
NC_1449	10	4364	2.12	2.13	0.16	2.14	2.14	1.82	1.92	1.90	1.25	1.19	0.67	2.14	0.00	0.1%
NC_1450	10	4364	0.90	0.90	0.09	0.91	0.91	0.78	0.76	0.77	0.53	0.49	0.27	0.91	-0.01	-0.5%
NC_1451	10	4364	0.89	0.90	0.09	0.90	0.90	0.81	0.80	0.80	0.55	0.51	0.28	0.90	0.00	0.3%
NC_1452	10	4364	0.81	0.82	0.09	0.82	0.82	0.73	0.72	0.73	0.50	0.47	0.26	0.82	0.00	0.4%
NC_1453	10	4364	0.75	0.75	0.08	0.76	0.76	0.66	0.65	0.66	0.45	0.42	0.23	0.76	0.00	-0.1%
NC_1454	10	4364	2.15	2.16	0.16	2.18	2.18	1.87	1.98	1.95	1.29	1.23	0.70	2.18	0.00	-0.1%
NC_1455	25	4464	2.32	2.31	0.14	2.32	1.43	2.13	2.22	2.21	2.01	1.87	1.22	2.22	-0.10	-4.3%
NC_1456	20	4371	0.64	0.60	0.11	0.60	0.62	0.60	0.59	0.60	0.41	0.38	0.21	0.62	0.02	2.8%
NC_1457	20	4433	0.77	0.76	0.09	0.76	0.57	0.74	0.77	0.76	0.57	0.55	0.33	0.77	0.01	1.3%
NC_1458	10	4364	1.46	1.47	0.14	1.48	1.48	1.33	1.34	1.34	0.92	0.85	0.48	1.48	0.00	-0.1%
NC_1459	20	4433	0.57	0.54	0.08	0.55	0.48	0.54	0.55	0.55	0.39	0.36	0.21	0.55	0.00	-0.2%
NC_1460	25	4394	1.89	1.89	0.12	1.89	1.23	1.72	1.84	1.82	1.54	1.46	0.91	1.84	-0.05	-2.9%
NC_1461	25	4460	2.39	2.40	0.19	2.41	1.83	2.25	2.39	2.37	1.92	1.83	1.14	2.39	-0.02	-0.8%
NC_1462	20	4399	2.70	2.68	0.18	2.69	2.14	2.51	2.70	2.66	2.16	2.05	1.27	2.70	0.01	0.4%
NC_1463	20	4399	7.60	7.44	0.63	7.47	6.56	6.98	7.54	7.38	5.58	5.30	3.28	7.54	0.07	1.0%
NC_1464	10	4364	0.71	0.72	0.08	0.72	0.72	0.65	0.64	0.64	0.44	0.41	0.22	0.72	0.00	0.3%
NC_1465	20	4429	12.28	12.27	0.90	12.38	10.01	10.45	12.38	11.90	9.01	8.73	5.17	12.38	0.00	0.0%
NC_1466	10	4364	0.74	0.75	0.08	0.75	0.75	0.67	0.65	0.66	0.45	0.42	0.23	0.75	0.00	0.5%
NC_1467	10	4364	0.67	0.68	0.07	0.69	0.69	0.61	0.60	0.60	0.42	0.39	0.21	0.69	0.00	-0.7%
NC_1468	10	4364	0.72	0.73	0.08	0.73	0.73	0.66	0.65	0.65	0.45	0.42	0.23	0.73	0.00	0.3%
NC_1469	10	4364	1.67	1.68	0.13	1.69	1.69	1.46	1.54	1.51	1.01	0.96	0.54	1.69	0.00	-0.1%
NC_1470	10	4364	0.73	0.74	0.08	0.75	0.75	0.66	0.65	0.66	0.45	0.42	0.23	0.75	0.00	-0.5%
NC_1471	10	4364	1.76	1.77	0.14	1.78	1.78	1.55	1.63	1.61	1.07	1.01	0.58	1.78	0.00	0.0%
NC_1472	10	4364	0.67	0.68	0.07	0.68	0.68	0.61	0.59	0.60	0.41	0.38	0.21	0.68	0.00	0.4%
NC_1473	10	4364	0.70	0.70	0.07	0.71	0.71	0.62	0.60	0.61	0.42	0.39	0.21	0.71	0.00	-0.4%
NC_1474	10	4364	0.73	0.74	0.08	0.74	0.74	0.65	0.63	0.64	0.44	0.41	0.22	0.74	0.00	0.3%
NC_1475	20	4433	1.15	1.06	0.19	1.06	1.16	1.06	1.06	1.06	0.73	0.68	0.38	1.16	0.10	9.4%
NC_1476	10	4364	0.46	0.46	0.05	0.46	0.46	0.40	0.38	0.39	0.27	0.25	0.13	0.46	0.00	0.2%
NC_1477	20	4429	1.31	1.22	0.20	1.23	1.32	1.17	1.23	1.21	0.81	0.77	0.44	1.32	0.09	7.2%
NC_1478	720	4785	17.71	16.84	3.58	17.42	7.30	10.59	10.60	10.60	16.37	16.55	17.45	17.45	0.03	0.1%
NC_1479	25	4460	1.66	1.66	0.15	1.67	1.08	1.58	1.65	1.63	1.45	1.35	0.89	1.65	-0.02	-1.4%
NC_1480	25	4461	4.62	4.69	0.28	4.70	2.43	4.02	4.35	4.26	4.09	3.86	2.48	4.35	-0.35	-7.4%
NC_1481	30	4498	5.49	5.41	0.54	5.48	2.81	4.69	5.07	4.98	4.79	4.62	2.93	5.07	-0.41	-7.5%
NC_1482	25	4394	15.83	16.08	1.05	16.19	9.73	13.74	15.18	14.87	12.63	12.58	7.60	15.18	-1.02	-6.3%
NC_1483	25	4461	3.00	3.06	0.28	3.08	1.96	2.60	3.01	2.90	2.34	2.26	1.33	3.01	-0.08	-2.4%
NC_1484	20	4433	0.76	0.74	0.09	0.75	0.55	0.72	0.76	0.75	0.57	0.55	0.33	0.76	0.01	1.1%
NC_1485	20	4433	1.23	1.18	0.16	1.19	1.05	1.17	1.20	1.19	0.88	0.82	0.50	1.20	0.01	0.4%
NC_1486	20	4433	0.74	0.72	0.08	0.73	0.52	0.70	0.74	0.73	0.55	0.53	0.32	0.74	0.01	0.8%
NC_1487	25	4461	6.24	6.15	0.36	6.18	4.27	5.39	6.03	5.96	4.42	4.52	2.65	6.03	-0.15	-2.4%
NC_1488	25	4394	3.71	3.74	0.19	3.75	2.51	3.39	3.60	3.59	3.01	2.87	1.84	3.60	-0.15	-4.0%
NC_1489	60	4558	21.96	21.70	1.85	21.70	6.71	14.57	14.75	14.74	20.68	20.93	15.27	20.93	-0.77	-3.6%
NC_1490	20	4433	1.04	1.02	0.11	1.02	0.73	0.99	1.03	1.02	0.82	0.78	0.48	1.03	0.01	1.4%
NC_1491	20	4428	5.30	5.29	0.49	5.29	4.77	4.39	5.30	5.01	3.54	3.45	1.95	5.30	0.01	0.2%

ARR2019 Results for 0.5%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4371	4429	4433	4395	4499	4653		m^3/s	%
NC_1492	15	4401	15.45	15.46	0.84	15.61	14.13	12.13	15.12	14.42	9.47	9.35	5.24	15.12	-0.49	-3.1%
NC_1493	60	4559	23.02	22.79	1.97	23.24	16.75	20.35	22.52	22.09	24.88	23.40	17.82	24.88	1.64	7.0%
NC_1494	20	4429	1.77	1.66	0.26	1.68	1.80	1.59	1.68	1.65	1.10	1.04	0.60	1.80	0.12	6.8%
NC_1495	10	4364	1.50	1.50	0.14	1.51	1.51	1.28	1.24	1.27	0.84	0.79	0.43	1.51	0.00	-0.1%
NC_1496	10	4364	1.97	1.98	0.15	1.99	1.99	1.70	1.81	1.78	1.18	1.12	0.64	1.99	0.00	0.0%
NC_1497	15	4401	3.03	2.88	0.35	2.89	3.04	2.58	2.90	2.81	1.84	1.79	1.02	3.04	0.15	5.1%
NC_1498	20	4371	0.51	0.48	0.09	0.48	0.49	0.48	0.48	0.48	0.33	0.31	0.17	0.49	0.01	1.9%
NC_1499	20	4371	0.64	0.59	0.11	0.59	0.65	0.59	0.58	0.59	0.41	0.38	0.21	0.65	0.06	10.5%
NC_1500	20	4399	5.03	4.88	0.51	4.90	4.52	4.32	5.01	4.80	3.37	3.27	1.86	5.01	0.11	2.2%
NC_1501	90	4532	39.26	39.71	1.84	39.89	17.22	24.79	26.20	25.99	39.52	38.81	35.68	39.52	-0.37	-0.9%
NC_1502	10	4364	0.58	0.58	0.06	0.59	0.59	0.51	0.49	0.50	0.34	0.32	0.17	0.59	0.00	-0.7%
NC_1503	20	4429	2.92	2.80	0.36	2.84	2.84	2.58	2.84	2.77	1.85	1.79	1.02	2.84	0.00	0.1%
NC_1504	20	4371	0.52	0.48	0.09	0.49	0.52	0.49	0.47	0.48	0.33	0.31	0.17	0.52	0.03	6.1%
NC_1505	10	4364	0.31	0.31	0.03	0.31	0.31	0.27	0.25	0.26	0.18	0.17	0.09	0.31	0.00	0.0%
NC_1506	20	4429	2.26	2.14	0.31	2.16	2.26	2.02	2.16	2.13	1.45	1.37	0.78	2.26	0.09	4.4%
NC_1507	20	4429	2.37	2.26	0.31	2.28	2.34	2.13	2.28	2.24	1.50	1.43	0.82	2.34	0.06	2.8%
NC_1508	20	4433	1.01	0.94	0.17	0.94	1.01	0.93	0.93	0.94	0.65	0.60	0.34	1.01	0.06	6.9%
NC_1509	20	4429	1.60	1.51	0.24	1.51	1.55	1.49	1.51	1.51	1.06	0.98	0.56	1.55	0.04	2.5%
NC_1510	20	4429	4.09	4.00	0.43	4.06	3.79	3.49	4.06	3.89	2.72	2.63	1.50	4.06	0.00	-0.1%
NC_1511	10	4364	0.87	0.88	0.09	0.89	0.89	0.79	0.77	0.78	0.54	0.50	0.27	0.89	0.00	-0.2%
NC_1512	20	4429	1.67	1.57	0.24	1.58	1.70	1.49	1.58	1.56	1.04	0.99	0.56	1.70	0.12	7.3%
NC_1513	20	4429	2.02	1.94	0.26	1.95	1.95	1.82	1.95	1.92	1.30	1.24	0.71	1.95	0.00	0.2%
NC_1514	20	4433	1.03	0.96	0.17	0.96	1.02	0.96	0.96	0.96	0.67	0.62	0.35	1.02	0.06	6.0%
NC_1515	20	4433	1.08	1.00	0.18	1.00	1.08	0.99	0.99	1.00	0.69	0.64	0.36	1.08	0.08	7.7%
NC_1516	20	4433	1.37	1.27	0.22	1.27	1.37	1.26	1.27	1.27	0.88	0.81	0.46	1.37	0.10	8.0%
NC_1517	20	4429	2.00	1.89	0.28	1.91	2.00	1.79	1.91	1.88	1.27	1.20	0.69	2.00	0.09	4.5%
NC_1518	20	4371	0.71	0.66	0.12	0.66	0.70	0.66	0.65	0.66	0.46	0.42	0.23	0.70	0.04	6.1%
NC_1519	20	4429	1.40	1.33	0.20	1.34	1.35	1.27	1.34	1.32	0.90	0.85	0.49	1.35	0.01	0.7%
NC_1520	45	4528	9.38	9.32	0.68	9.70	4.49	7.96	8.41	8.36	7.95	7.96	5.00	8.41	-1.29	-13.3%
NC_1521	20	4429	3.41	3.27	0.42	3.31	3.28	3.04	3.31	3.23	2.23	2.12	1.22	3.31	0.00	-0.2%
NC_1522	20	4429	4.99	4.79	0.59	4.86	4.86	4.30	4.86	4.70	3.22	3.08	1.76	4.86	0.00	0.0%
NC_1523	20	4404	4.28	4.19	0.44	4.23	3.96	3.65	4.25	4.03	2.86	2.77	1.57	4.25	0.02	0.4%
NC_1524	20	4429	1.77	1.65	0.27	1.65	1.78	1.63	1.65	1.65	1.14	1.06	0.60	1.78	0.13	7.6%
NC_1525	25	4394	9.54	9.68	0.53	9.68	4.95	8.41	9.00	8.91	8.09	7.81	4.88	9.00	-0.68	-7.1%
NC_1526	25	4466	4.70	4.69	0.17	4.70	3.89	4.36	4.64	4.61	3.75	3.73	2.33	4.64	-0.06	-1.3%
NC_1527	10	4357	1.14	1.15	0.10	1.16	1.16	0.95	0.99	0.98	0.65	0.62	0.34	1.16	0.00	-0.2%
NC_1528	10	4364	0.78	0.78	0.08	0.79	0.79	0.66	0.66	0.66	0.45	0.42	0.23	0.79	0.00	-0.3%
NC_1529	10	4357	0.54	0.55	0.06	0.55	0.55	0.50	0.49	0.49	0.34	0.31	0.17	0.55	0.00	0.4%
NC_1530	45	4528	33.46	33.28	2.34	34.72	10.83	25.61	26.78	26.62	28.07	29.30	18.00	29.30	-5.42	-15.6%
NC_1531	10	4364	0.49	0.49	0.06	0.49	0.49	0.45	0.44	0.44	0.31	0.28	0.15	0.49	0.00	0.8%
NC_1532	720	4443	19.79	17.55	8.16	18.11	8.45	11.39	11.45	11.45	17.94	16.54	17.04	17.94	-0.17	-0.9%
NC_1533	720	4787	19.37	17.38	6.90	17.59	7.52	10.95	10.98	10.98	17.18	17.16	17.63	17.63	0.04	0.2%
NC_1534	25	4466	5.27	5.33	0.31	5.36	3.51	4.64	5.11	5.04	4.06	3.96	2.42	5.11	-0.25	-4.6%
NC_1535	20	4429	7.17	7.14	0.54	7.21	6.01	6.15	7.21	6.93	4.99	4.86	2.81	7.21	0.00	0.0%
NC_1536	10	4364	0.72	0.73	0.08	0.73	0.73	0.65	0.64	0.64	0.44	0.41	0.22	0.73	0.00	0.5%
NC_1537	25	4466	3.42	3.48	0.25	3.49	2.43	2.98	3.39	3.33	2.54	2.48	1.48	3.39	-0.10	-2.8%
NC_1538	10	4364	1.59	1.59	0.15	1.60	1.60	1.34	1.33	1.34	0.90	0.84	0.46	1.60	0.00	0.0%

ARR2019 Results for 0.2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4399	4429	4433	4532	4617	4653		m^3/s	%
NC_1	120	4617	267.93	267.89	14.22	269.95	86.38	150.76	150.36	150.43	255.33	269.95	276.48	276.48	6.53	2.4%
NC_2	25	4464	1.29	1.29	0.11	1.29	0.80	1.26	1.28	1.26	0.77	1.03	0.62	1.28	-0.01	-1.0%
NC_3	20	4429	0.65	0.62	0.10	0.62	0.58	0.60	0.62	0.62	0.30	0.38	0.23	0.62	0.00	0.3%
NC_4	30	4498	1.67	1.66	0.13	1.67	0.83	1.52	1.52	1.51	1.09	1.44	0.87	1.52	-0.15	-9.0%
NC_5	20	4404	9.07	8.88	0.90	8.90	8.46	8.86	9.02	8.59	4.18	5.52	3.32	9.02	0.12	1.4%
NC_6	10	4364	1.95	1.96	0.15	1.98	1.98	1.74	1.81	1.79	0.82	1.02	0.64	1.98	0.00	-0.2%
NC_7	20	4433	1.58	1.47	0.25	1.47	1.60	1.41	1.47	1.47	0.69	0.84	0.52	1.60	0.13	8.9%
NC_8	20	4433	0.92	0.90	0.11	0.91	0.69	0.90	0.92	0.91	0.49	0.64	0.39	0.92	0.01	0.9%
NC_9	20	4399	2.75	2.70	0.24	2.72	2.42	2.72	2.74	2.69	1.30	1.70	1.02	2.74	0.02	0.7%
NC_10	45	4534	8.91	8.84	0.46	8.90	4.77	7.72	7.63	7.60	6.13	7.66	4.88	7.72	-1.18	-13.3%
NC_11	20	4429	5.33	5.18	0.56	5.25	5.05	5.11	5.25	5.07	2.47	3.22	1.94	5.25	0.00	0.0%
NC_12	20	4433	1.11	1.04	0.17	1.04	1.06	1.00	1.04	1.04	0.50	0.62	0.38	1.06	0.02	1.7%
NC_13	20	4433	0.74	0.71	0.10	0.72	0.62	0.70	0.73	0.72	0.36	0.47	0.28	0.73	0.01	0.8%
NC_14	20	4429	2.17	2.04	0.31	2.06	2.18	1.98	2.06	2.02	0.94	1.18	0.73	2.18	0.12	6.0%
NC_15	30	4498	2.32	2.30	0.21	2.33	1.24	2.17	2.16	2.14	1.47	1.95	1.17	2.17	-0.17	-7.1%
NC_16	20	4371	0.92	0.85	0.15	0.85	0.92	0.81	0.85	0.85	0.40	0.48	0.30	0.92	0.07	8.0%
NC_17	20	4433	0.73	0.70	0.10	0.71	0.58	0.70	0.72	0.71	0.36	0.47	0.28	0.72	0.01	1.0%
NC_18	20	4433	2.40	2.30	0.26	2.31	2.20	2.29	2.35	2.31	1.17	1.52	0.92	2.35	0.04	1.7%
NC_19	25	4460	1.21	1.22	0.11	1.22	0.78	1.20	1.21	1.20	0.71	0.95	0.57	1.21	-0.01	-0.8%
NC_20	20	4433	0.71	0.70	0.09	0.70	0.55	0.69	0.71	0.70	0.36	0.48	0.29	0.71	0.01	1.4%
NC_21	45	4534	10.87	10.82	0.56	10.93	5.73	9.26	9.16	9.15	7.63	9.40	6.04	9.40	-1.53	-14.0%
NC_22	20	4429	0.88	0.84	0.13	0.84	0.79	0.81	0.84	0.84	0.41	0.52	0.31	0.84	0.00	-0.2%
NC_23	30	4498	4.01	3.97	0.34	4.03	2.07	3.64	3.64	3.60	2.62	3.42	2.08	3.64	-0.39	-9.6%
NC_24	20	4399	1.99	1.97	0.15	1.98	1.43	1.98	2.00	1.96	1.07	1.43	0.86	2.00	0.02	1.1%
NC_25	20	4433	1.26	1.17	0.21	1.17	1.27	1.12	1.17	1.17	0.54	0.67	0.42	1.27	0.10	8.8%
NC_26	20	4433	0.79	0.75	0.11	0.76	0.68	0.74	0.76	0.76	0.38	0.48	0.29	0.76	0.00	0.1%
NC_27	10	4364	1.13	1.13	0.11	1.14	1.14	0.96	0.97	0.98	0.44	0.61	0.34	1.14	0.00	0.4%
NC_28	20	4433	1.52	1.47	0.17	1.48	1.32	1.45	1.49	1.48	0.77	1.00	0.60	1.49	0.01	0.5%
NC_29	20	4433	1.47	1.36	0.23	1.36	1.48	1.30	1.36	1.36	0.63	0.78	0.48	1.48	0.12	8.9%
NC_30	45	4534	14.96	15.09	0.84	15.39	6.45	11.42	11.36	11.33	11.90	14.03	9.43	14.03	-1.36	-8.8%
NC_31	20	4433	0.73	0.70	0.10	0.71	0.59	0.69	0.72	0.71	0.36	0.47	0.28	0.72	0.01	0.7%
NC_32	20	4399	2.58	2.55	0.21	2.56	1.78	2.56	2.60	2.55	1.44	1.92	1.15	2.60	0.04	1.5%
NC_33	20	4433	0.76	0.74	0.10	0.74	0.61	0.73	0.75	0.74	0.38	0.49	0.30	0.75	0.01	1.1%
NC_34	45	4528	20.82	20.97	1.43	21.45	9.42	16.67	16.59	16.54	16.02	19.27	12.70	19.27	-2.18	-10.2%
NC_35	20	4433	1.17	1.12	0.15	1.14	0.99	1.10	1.14	1.14	0.59	0.75	0.46	1.14	0.00	-0.2%
NC_36	20	4399	4.59	4.58	0.33	4.61	3.31	4.61	4.63	4.49	2.58	3.44	2.06	4.63	0.02	0.4%
NC_37	20	4433	0.94	0.87	0.15	0.87	0.93	0.83	0.87	0.87	0.41	0.50	0.31	0.93	0.06	6.6%
NC_38	10	4364	1.15	1.15	0.12	1.16	1.16	0.97	1.00	1.00	0.46	0.62	0.35	1.16	0.00	0.2%
NC_39	20	4433	0.91	0.87	0.12	0.88	0.78	0.85	0.88	0.88	0.44	0.56	0.34	0.88	0.00	-0.3%
NC_40	45	4528	20.82	20.95	1.24	21.49	9.25	16.41	16.35	16.28	16.16	19.40	12.93	19.40	-2.09	-9.7%
NC_41	20	4433	1.70	1.63	0.19	1.64	1.56	1.62	1.66	1.64	0.79	1.02	0.61	1.66	0.02	1.0%
NC_42	20	4399	1.42	1.40	0.13	1.40	1.15	1.40	1.42	1.39	0.71	0.95	0.57	1.42	0.02	1.6%
NC_43	20	4429	1.88	1.79	0.26	1.81	1.82	1.74	1.81	1.78	0.84	1.06	0.65	1.82	0.01	0.6%
NC_44	20	4371	0.93	0.86	0.16	0.86	0.94	0.81	0.85	0.86	0.40	0.48	0.30	0.94	0.08	9.1%
NC_45	20	4433	1.21	1.12	0.20	1.12	1.23	1.07	1.11	1.12	0.52	0.63	0.40	1.23	0.11	10.0%
NC_46	20	4433	0.82	0.79	0.11	0.80	0.66	0.78	0.81	0.80	0.41	0.54	0.32	0.81	0.01	1.0%
NC_47	10	4364	2.45	2.47	0.18	2.48	2.48	2.19	2.28	2.24	1.02	1.29	0.80	2.48	0.00	0.0%
NC_48	20	4367	2.57	2.47	0.28	2.48	2.42	2.45	2.51	2.47	1.18	1.52	0.92	2.51	0.03	1.3%
NC_49	60	4558	23.72	23.41	1.41	23.44	8.95	12.09	11.92	11.92	21.44	23.44	17.43	23.44	0.00	0.0%
NC_50	20	4433	0.84	0.82	0.11	0.83	0.65	0.81	0.84	0.83	0.44	0.57	0.34	0.84	0.01	0.7%
NC_51	20	4429	2.86	2.76	0.33	2.80	2.74	2.72	2.80	2.72	1.28	1.65	1.01	2.80	0.00	0.0%
NC_52	20	4433	2.51	2.48	0.23	2.48	2.01	2.48	2.51	2.48	1.37	1.81	1.09	2.51	0.03	1.3%
NC_53	20	4399	3.98	3.94	0.34	3.96	2.99	3.96	4.01	3.90	2.17	2.89	1.73	4.01	0.05	1.3%
NC_54	20	4429	1.78	1.67	0.26	1.68	1.76	1.62	1.68	1.66	0.77	0.97	0.60	1.76	0.08	4.6%
NC_55	20	4433	0.88	0.82	0.14	0.82	0.85	0.78	0.82	0.82	0.39	0.48	0.30	0.85	0.03	3.5%
NC_56	10	4364	0.97	0.98	0.10	0.99	0.99	0.83	0.87	0.88	0.40	0.50	0.31	0.99	0.00	-0.2%
NC_57	20	4433	1.35	1.27	0.20	1.27	1.29	1.22	1.27	1.27	0.61	0.77	0.47	1.29	0.02	1.7%
NC_58	60	4558	23.39	23.08	1.32	23.10	8.93	12.01	11.90	11.90	21.31	23.16	17.59	23.16	0.06	0.3%
NC_59	20	4433	1.37	1.26	0.22	1.27	1.37	1.21	1.26	1.27	0.59	0.72	0.45	1.37	0.10	8.2%
NC_60	10	4364	0.95	0.96	0.10	0.97	0.97	0.83	0.87	0.87	0.40	0.49	0.31	0.97	0.00	-0.4%
NC_61	20	4433	1.07	1.02	0.15	1.02	0.99	0.98	1.02	1.02	0.50	0.63	0.38	1.02	0.00	0.3%
NC_62	20	4428	10.74	10.67	0.63	10.70	9.23	10.75	10.75	10.59	5.87	7.73	4.69	10.75	0.05	0.5%
NC_63	10	4364	1.02	1.02	0.11	1.03	1.03	0.87	0.91	0.92	0.42	0.53	0.32	1.03	0.00	0.3%
NC_64	20	4428	3.00	2.99	0.19	3.02	2.28	3.03	3.03	2.97	1.55	2.09	1.25	3.03	0.01	0.4%
NC_65	10	4364	1.44	1.45	0.14	1.46	1.46	1.22	1.25	1.25	0.57	0.78	0.43	1.46	0.00	-0.2%
NC_66	10	4364	1.07	1.08	0.11	1.09	1.09	0.90	0.95	0.95	0.43	0.56	0.33	1.09	0.00	-0.4%
NC_67	20	4428	3.60	3.60	0.22	3.63	2.77	3.64	3.64	3.57	2.01	2.69	1.62	3.64	0.01	0.2%
NC_68	10	4364	1.08	1.08	0.11	1.09	1.09	0.92	0.92	0.93	0.42	0.58	0.32	1.09	0.00	-0.1%
NC_69	25	4461	3.87	3.91	0.20	3.92	2.52	3.81	3.74	3.72	2.32	3.07	1.86	3.81	-0.11	-2.9%
NC_70	20	4371	0.94	0.87	0.16	0.87	0.95	0.82	0.86	0.87	0.40	0.49	0.31	0.95	0.08	9.5%
NC_71	20	4371	0.92	0.85	0.15	0.85	0.92	0.81	0.85	0.85	0.39	0.48	0.30	0.92	0.07	8.1%
NC_72	20	4371	0.97	0.89	0.16	0.89	0.98	0.85	0.89	0.89	0.41	0.50	0.31	0.98	0.09	9.7%

ARR2019 Results for 0.2%AEP Event

Subcatch ID	ARR2019 Discharge Statistics for All Durations and Temp. Patterns						Peak Discharge for the Reduced Set of Durations and Temporal Patterns (m^3/s)							Max of the Reduced Set (m^3/s)	Difference between the Reduced Set and Adopted	
	Critical Duration (mins)	Adopted Temp. Pattern	Discharge (m^3/s)				10 min	20 min	20 min	20 min	90 min	120 min	180 min			
			Average	Median	Standard Dev	Adopted	4364	4399	4429	4433	4532	4617	4653		m^3/s	%
NC_73	20	4433	2.12	2.07	0.21	2.07	1.88	2.06	2.10	2.07	1.04	1.36	0.82	2.10	0.03	1.3%
NC_74	20	4429	0.78	0.74	0.11	0.75	0.68	0.73	0.75	0.75	0.37	0.47	0.28	0.75	0.00	0.1%
NC_75	20	4429	12.77	12.68	0.73	12.77	10.79	12.82	12.77	12.51	6.88	9.07	5.50	12.82	0.05	0.4%
NC_76	20	4429	3.00	2.91	0.34	2.95	2.84	2.87	2.95	2.85	1.34	1.74	1.06	2.95	0.00	0.0%
NC_77	20	4399	3.75	3.74	0.26	3.74	3.07	3.74	3.76	3.68	2.13	2.83	1.70	3.76	0.02	0.5%
NC_78	20	4429	1.03	0.96	0.16	0.96	1.02	0.92	0.96	0.95	0.44	0.54	0.34	1.02	0.06	6.7%
NC_79	20	4433	1.23	1.13	0.20	1.14	1.24	1.08	1.13	1.14	0.53	0.64	0.40	1.24	0.10	8.9%
NC_80	20	4399	2.60	2.56	0.24	2.56	2.04	2.56	2.61	2.56	1.40	1.86	1.12	2.61	0.05	1.8%
NC_81	20	4399	1.79	1.75	0.18	1.75	1.57	1.75	1.77	1.74	0.84	1.10	0.66	1.77	0.02	1.4%
NC_82	20	4429	5.06	5.08	0.28	5.11	3.77	5.16	5.11	5.00	2.70	3.66	2.17	5.16	0.04	0.9%
NC_83	10	4364	1.26	1.26	0.12	1.27	1.27	1.08	1.06	1.07	0.48	0.70	0.37	1.27	0.00	-0.1%
NC_84	20	4433	1.21	1.12	0.19	1.13	1.19	1.08	1.12	1.13	0.53	0.65	0.40	1.19	0.06	5.6%
NC_85	20	4433	0.86	0.81	0.13	0.81	0.79	0.78	0.81	0.81	0.39	0.49	0.30	0.81	0.00	0.4%
NC_86	15	4401	5.13	4.94	0.51	4.99	5.02	4.85	4.97	4.76	2.16	2.83	1.74	5.02	0.03	0.6%
NC_87	10	4364	1.58	1.59	0.16	1.60	1.60	1.33	1.37	1.38	0.63	0.86	0.48	1.60	0.00	-0.1%
NC_88	20	4367	4.21	4.03	0.50	4.05	3.73	4.01	4.14	4.00	1.96	2.54	1.53	4.14	0.09	2.3%
NC_89	20	4433	0.69	0.68	0.09	0.68	0.54	0.67	0.69	0.68	0.35	0.46	0.27	0.69	0.01	1.2%
NC_90	20	4399	7.22	7.15	0.58	7.16	6.28	7.16	7.22	6.94	3.73	4.95	2.97	7.22	0.06	0.8%
NC_91	20	4371	0.93	0.86	0.16	0.86	0.93	0.82	0.85	0.86	0.40	0.49	0.30	0.93	0.07	7.7%
NC_92	20	4433	0.89	0.83	0.14	0.84	0.84	0.80	0.83	0.84	0.40	0.49	0.30	0.84	0.00	-0.2%
NC_93	20	4433	1.61	1.57	0.18	1.59	1.31	1.56	1.60	1.59	0.86	1.12	0.68	1.60	0.01	0.4%
NC_94	20	4429	2.11	1.99	0.30	2.00	2.11	1.93	2.00	1.97	0.91	1.15	0.71	2.11	0.11	5.5%
NC_95	20	4429	1.84	1.73	0.27	1.75	1.84	1.68	1.75	1.72	0.80	1.00	0.62	1.84	0.09	5.1%
NC_96	20	4399	2.80	2.73	0.27	2.74	2.45	2.74	2.78	2.72	1.32	1.73	1.03	2.78	0.04	1.5%
NC_97	20	4433	0.94	0.88	0.16	0.88	0.94	0.84	0.87	0.88	0.41	0.50	0.31	0.94	0.06	6.5%
NC_98	20	4399	2.93	2.85	0.28	2.85	2.66	2.85	2.90	2.84	1.41	1.84	1.11	2.90	0.05	1.7%
NC_99	15	4401	6.20	5.97	0.59	6.03	6.01	6.00	6.13	5.90	2.73	3.59	2.18	6.13	0.10	1.7%
NC_100	20	4433	1.09	1.02	0.17	1.02	1.05	0.98	1.02	1.02	0.49	0.60	0.37	1.05	0.03	2.9%
NC_101	20	4429	2.65	2.51	0.37	2.53	2.60	2.43	2.53	2.49	1.16	1.46	0.90	2.60	0.07	2.8%
NC_102	60	4558	23.19	22.84	1.15	22.87	8.92	11.99	11.91	11.91	21.43	23.05	18.39	23.05	0.18	0.8%
NC_103	10	4364	0.99	1.00	0.10	1.01	1.01	0.86	0.90	0.91	0.42	0.51	0.32	1.01	0.00	0.0%
NC_104	20	4433	0.76	0.73	0.10	0.74	0.64	0.72	0.74	0.74	0.37	0.47	0.29	0.74	0.00	0.0%
NC_105	20	4367	8.40	8.14	0.96	8.23	7.62	8.05	8.30	7.94	3.85	5.02	3.03	8.30	0.07	0.8%
NC_106	10	4364	0.96	0.97	0.10	0.98	0.98	0.83	0.87	0.87	0.40	0.49	0.30	0.98	-0.01	-0.5%
NC_107	20	4433	1.45	1.41	0.16	1.42	1.22	1.41	1.44	1.42	0.73	0.95	0.57	1.44	0.02	1.2%
NC_108	20	4433	1.16	1.08	0.18	1.08	1.13	1.04	1.08	1.08	0.51	0.63	0.39	1.13	0.05	4.5%
NC_109	15	4401	11.94	11.86	0.78	11.98	10.90	11.92	11.90	11.30	5.29	7.11	4.24	11.92	-0.06	-0.5%
NC_110	10	4364	1.03	1.04	0.11	1.05	1.05	0.88	0.92	0.93	0.43	0.54	0.32	1.05	0.00	-0.1%
NC_111	10	4364	1.04	1.05	0.11	1.06	1.06	0.89	0.89	0.90	0.41	0.57	0.31	1.06	0.00	-0.4%
NC_112	25	4460	1.28	1.28	0.11	1.28	0.81	1.26	1.27	1.26	0.76	1.02	0.61	1.27	-0.01	-0.6%
NC_113	10	4364	1.34	1.35	0.13	1.36	1.36	1.16	1.21	1.21	0.56	0.70	0.43	1.36	0.00	0.3%
NC_114	20	4433	1.08	1.00	0.18	1.00	1.08	0.95	0.99	1.00	0.47	0.57	0.35	1.08	0.08	7.8%
NC_115	20	4433	0.73	0.70	0.10	0.71	0.60	0.70	0.72	0.71	0.36	0.47	0.28	0.72	0.01	1.0%
NC_116	20	4429	3.57	3.45	0.41	3.51	3.46	3.40	3.51	3.38	1.58	2.04	1.25	3.51	0.00	-0.1%
NC_117	20	4429	1.93	1.81	0.28	1.82	1.95	1.75	1.82	1.79	0.83	1.03	0.64	1.95	0.13	7.0%
NC_118	20	4433	0.82	0.79	0.11	0.80	0.68	0.78	0.80	0.80	0.41	0.52	0.31	0.80	0.00	0.5%
NC_119	20	4404	9.13	8.97	0.93	8.99	8.13	8.95	9.13	8.59	4.24	5.61	3.36	9.13	0.14	1.5%
NC_120	20	4429	1.82	1.74	0.25	1.74	1.69	1.68	1.74	1.74	0.87	1.10	0.67	1.74	0.00	-0.1%
NC_121	30	4498	1.64	1.63	0.13	1.65	0.83	1.50	1.50	1.49	1.07	1.41	0.85	1.50	-0.15	-9.0%
NC_122	20	4371	0.95	0.87	0.16	0.87	0.96	0.83	0.87	0.87	0.40	0.49	0.31	0.96	0.09	10.1%
NC_123	20	4428	2.15	2.14	0.14	2.15	1.54	2.16	2.18	2.12	1.14	1.54	0.92	2.18	0.02	1.2%
NC_124	20	4429	30.36	30.33	2.00	30.44	25.13	30.91	30.44	29.52	15.38	20.50	12.34	30.91	0.47	1.5%
NC_125	10	4364	1.11	1.10	0.11	1.11	1.11	0.95	0.93	0.93	0.42	0.61	0.32	1.11	0.00	0.4%
NC_126	20	4429	1.73	1.67	0.19	1.68	1.64	1.64	1.68	1.66	0.78	0.99	0.60	1.68	0.00	-0.1%
NC_127	20	4433	1.09	1.02	0.18	1.02	1.09	0.97	1.02	1.02	0.48	0.59	0.36	1.09	0.06	6.4%
NC_128	10	4364	1.94	1.95	0.15	1.96	1.96	1.74	1.81	1.79	0.82	1.02	0.64	1.96	0.00	-0.1%
NC_129	25	4460	5.01	5.05	0.40	5.11	3.28	4.90	4.94	4.84	3.00	3.99	2.40	4.94	-0.17	-3.3%
NC_130	20	4371	1.02	0.94	0.17	0.94	1.03	0.90	0.94	0.94	0.44	0.53	0.33	1.03	0.09	9.7%
NC_131	30	4498	2.22	2.21	0.19	2.22	1.17	2.06	2.06	2.04	1.43	1.88	1.14	2.06	-0.16	-7.0%
NC_132	20	4433	0.90	0.84	0.15	0.84	0.89	0.80	0.83	0.84	0.39	0.48	0.30	0.89	0.05	6.1%
NC_133	20	4429	2.90	2.79	0.34	2.83	2.82	2.75	2.83	2.75	1.28	1.65	1.01	2.83	0.00	0.1%
NC_134	10	4364	1.05	1.06	0.11	1.07	1.07	0.91	0.96	0.96	0.44	0.54	0.34	1.07	0.00	0.0%
NC_135	30	4498	1.64	1.63	0.14	1.64	0.84	1.50	1.49	1.48	1.06	1.40	0.84	1.50	-0.14	-8.8%
NC_136	10	4357	1.00	1.01	0.11	1.02	1.02	0.84	0.88	0.89	0.40	0.53	0.31	1.02	0.00	-0.3%
NC_137	20	4433	0.73	0.70	0.10	0.71	0.59	0.69	0.71	0.71	0.36	0.46	0.28	0.71	0.00	0.1%
NC_138	20	4429	12.52	12.47	0.96	12.57	10.53	12.64	12.57	12.06	6.40	8.57	5.12	12.64	0.07	0.5%
NC_139	25	4460	1.28	1.28	0.11	1.29	0.81	1.26	1.28	1.26	0.75	1.01	0.60	1.28	-0.01	-1.1%
NC_140	20	4429	1.98	1.85	0.29	1.87	1.99	1.79	1.87	1.84	0.85	1.06	0.66	1.99	0.12	6.4%
NC_141	10	4364	1.03	1.04	0.11	1.05	1.05	0.88	0.89	0.90	0.41	0.56	0.31	1.05	0.00	-0.4%
NC_142	10	4364	2.09	2.10	0.17	2.12	2.12	1.78	1.82	1.80	0.80	1.12	0.63	2.12	0.00	-0.1%
NC_143	20	4433	0.75	0.72	0.10	0.73	0.62	0.71	0.73	0.73	0.37	0.47	0.28	0.73	0.00	0.1%
NC_144	20	4371	0.94	0.87	0.16	0.87	0.94	0.83	0.86	0.87	0.40	0.49	0.31	0.94	0.07	8.3%

PEAK DESIGN FLOOD DISCHARGES - 20% AEP (ARR1987)

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1	37.76	54.04	68.77	81.98	93.05	119.38	139.72	162.35	179.08	**184.82**	181.01	184.67	180.69	146.28	134.49	171.50	148.34	166.88	177.03	124.58
NC_2	0.31	0.45	0.55	0.61	0.62	0.66	0.75	0.80	**0.83**	0.65	0.60	0.53	0.45	0.47	0.33	0.31	0.24	0.24	0.25	0.17
NC_3	0.25	0.31	0.35	0.42	0.39	0.32	0.40	**0.45**	0.39	0.29	0.25	0.20	0.17	0.17	0.12	0.11	0.08	0.09	0.09	0.06
NC_4	0.31	0.50	0.67	0.77	0.80	0.89	1.01	1.01	**1.07**	0.82	0.86	0.74	0.62	0.66	0.47	0.45	0.34	0.35	0.36	0.24
NC_5	4.29	5.02	5.58	**6.05**	5.68	5.06	5.67	5.94	5.86	4.26	3.66	2.91	2.50	2.54	1.72	1.66	1.26	1.29	1.31	0.92
NC_6	1.00	1.19	1.19	**1.40**	1.31	1.07	1.25	1.32	1.17	0.83	0.72	0.54	0.46	0.46	0.31	0.30	0.23	0.24	0.24	0.17
NC_7	0.80	1.00	0.94	**1.15**	1.07	0.85	1.03	1.10	0.97	0.68	0.59	0.44	0.38	0.38	0.26	0.25	0.19	0.20	0.20	0.14
NC_8	0.28	0.35	0.45	0.50	0.47	0.43	0.53	**0.61**	0.59	0.45	0.39	0.33	0.28	0.29	0.20	0.19	0.14	0.15	0.15	0.10
NC_9	1.22	1.36	1.61	1.76	1.65	1.48	1.68	**1.82**	1.74	1.32	1.11	0.90	0.78	0.79	0.54	0.52	0.39	0.40	0.41	0.29
NC_10	2.12	3.01	3.74	4.30	4.62	5.13	5.66	5.66	**5.74**	4.57	4.84	4.10	3.57	3.61	2.76	2.69	2.07	2.13	2.16	1.50
NC_11	2.56	2.95	3.25	**3.58**	3.36	2.93	3.32	3.54	3.39	2.48	2.14	1.69	1.46	1.48	1.01	0.97	0.74	0.76	0.77	0.54
NC_12	0.50	0.63	0.63	0.76	0.71	0.57	0.71	**0.77**	0.67	0.49	0.42	0.33	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_13	0.26	0.31	0.38	0.45	0.41	0.35	0.45	**0.51**	0.46	0.35	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_14	1.10	1.30	1.33	**1.55**	1.45	1.19	1.39	1.48	1.32	0.95	0.82	0.62	0.54	0.54	0.36	0.35	0.27	0.27	0.28	0.19
NC_15	0.47	0.75	0.98	1.11	1.15	1.24	1.43	1.44	**1.52**	1.16	1.16	1.00	0.85	0.89	0.63	0.61	0.46	0.47	0.48	0.32
NC_16	0.45	0.56	0.53	**0.66**	0.61	0.48	0.60	0.64	0.57	0.39	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_17	0.24	0.28	0.37	0.42	0.39	0.34	0.43	**0.49**	0.46	0.34	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_18	1.08	1.26	1.38	1.57	1.46	1.25	1.47	**1.62**	1.51	1.13	0.98	0.80	0.68	0.70	0.48	0.46	0.35	0.36	0.36	0.25
NC_19	0.30	0.43	0.52	0.57	0.58	0.62	0.70	0.77	**0.78**	0.61	0.56	0.49	0.42	0.43	0.30	0.29	0.22	0.22	0.23	0.15
NC_20	0.22	0.27	0.35	0.40	0.37	0.33	0.41	**0.48**	0.45	0.34	0.30	0.25	0.21	0.21	0.15	0.14	0.10	0.11	0.11	0.07
NC_21	2.59	3.65	4.53	5.20	5.60	6.25	6.86	6.85	**6.92**	5.54	5.92	5.03	4.38	4.44	3.42	3.33	2.58	2.65	2.69	1.87
NC_22	0.35	0.44	0.47	0.57	0.53	0.43	0.55	**0.61**	0.53	0.39	0.34	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.08
NC_23	0.78	1.25	1.63	1.90	1.98	2.17	2.47	2.49	**2.62**	2.01	2.07	1.76	1.51	1.57	1.12	1.08	0.82	0.84	0.85	0.58
NC_24	0.62	0.80	0.96	1.04	0.97	0.99	1.15	1.28	**1.29**	0.99	0.87	0.75	0.64	0.65	0.45	0.43	0.33	0.34	0.34	0.23
NC_25	0.63	0.79	0.74	**0.92**	0.85	0.67	0.82	0.88	0.78	0.54	0.47	0.35	0.30	0.30	0.21	0.20	0.15	0.15	0.16	0.11
NC_26	0.29	0.36	0.41	0.49	0.45	0.38	0.48	**0.54**	0.48	0.36	0.31	0.25	0.21	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_27	0.59	0.74	0.69	**0.82**	0.76	0.62	0.72	0.75	0.68	0.44	0.38	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.13	0.09
NC_28	0.63	0.75	0.82	0.95	0.89	0.75	0.92	**1.03**	0.95	0.72	0.63	0.52	0.45	0.46	0.31	0.30	0.23	0.24	0.24	0.17
NC_29	0.74	0.92	0.87	**1.06**	0.99	0.78	0.96	1.02	0.90	0.63	0.54	0.41	0.35	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_30	2.59	3.97	5.15	6.13	6.81	8.09	8.96	8.96	**9.09**	7.45	8.38	7.31	6.54	6.77	5.13	5.07	3.97	4.08	4.15	2.84
NC_31	0.24	0.29	0.37	0.43	0.40	0.34	0.43	**0.49**	0.45	0.34	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_32	0.72	0.99	1.20	1.33	1.24	1.28	1.48	1.67	**1.68**	1.29	1.15	0.99	0.85	0.88	0.60	0.58	0.43	0.45	0.45	0.31
NC_33	0.25	0.30	0.38	0.45	0.41	0.36	0.45	**0.51**	0.48	0.36	0.31	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_34	3.74	5.79	7.52	8.88	9.72	11.26	12.44	12.46	**12.71**	10.06	11.53	9.94	8.81	9.17	6.92	6.80	5.28	5.43	5.51	3.76
NC_35	0.44	0.53	0.61	0.72	0.67	0.56	0.71	**0.80**	0.72	0.54	0.48	0.39	0.33	0.34	0.23	0.22	0.17	0.17	0.18	0.12
NC_36	1.39	1.94	2.31	2.53	2.39	2.34	2.79	3.00	**3.06**	2.31	2.09	1.79	1.52	1.58	1.09	1.05	0.79	0.81	0.82	0.56
NC_37	0.45	0.56	0.54	**0.67**	0.62	0.49	0.61	0.66	0.58	0.40	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_38	0.59	0.75	0.70	**0.84**	0.78	0.62	0.73	0.77	0.69	0.46	0.39	0.29	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_39	0.34	0.42	0.48	0.57	0.52	0.44	0.55	**0.62**	0.56	0.42	0.36	0.29	0.25	0.25	0.17	0.17	0.12	0.13	0.13	0.09
NC_40	3.65	5.67	7.38	8.75	9.63	11.31	12.53	12.54	**12.79**	10.21	11.57	10.10	8.98	9.14	6.98	6.89	5.40	5.55	5.63	3.85
NC_41	0.77	0.90	0.98	1.13	1.05	0.90	1.06	**1.15**	1.05	0.79	0.67	0.54	0.46	0.47	0.32	0.31	0.23	0.24	0.24	0.17
NC_42	0.53	0.62	0.76	0.83	0.77	0.70	0.83	**0.93**	0.91	0.69	0.60	0.50	0.42	0.43	0.30	0.28	0.22	0.22	0.22	0.15
NC_43	0.89	1.05	1.11	**1.30**	1.21	1.00	1.19	1.28	1.15	0.84	0.72	0.56	0.48	0.48	0.33	0.31	0.24	0.24	0.25	0.17
NC_44	0.46	0.58	0.54	**0.68**	0.63	0.49	0.61	0.65	0.58	0.39	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_45	0.61	0.77	0.72	**0.89**	0.82	0.64	0.79	0.85	0.75	0.51	0.44	0.33	0.29	0.29	0.19	0.19	0.14	0.15	0.15	0.10
NC_46	0.27	0.33	0.41	0.48	0.44	0.38	0.49	**0.56**	0.51	0.39	0.34	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.08
NC_47	1.27	1.50	1.51	**1.76**	1.65	1.35	1.56	1.64	1.46	1.05	0.90	0.68	0.58	0.58	0.40	0.38	0.29	0.30	0.30	0.21
NC_48	1.22	1.40	1.54	**1.73**	1.62	1.39	1.60	1.73	1.60	1.19	1.02	0.80	0.69	0.70	0.48	0.46	0.35	0.36	0.36	0.25
NC_49	5.26	6.84	7.96	8.67	9.22	10.50	11.17	11.52	**11.69**	11.07	10.80	10.81	10.25	9.44	8.08	8.68	9.87	9.02	10.76	6.13
NC_50	0.26	0.32	0.41	0.47	0.44	0.39	0.49	**0.57**	0.53	0.40	0.35	0.29	0.25	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_51	1.36	1.55	1.73	**1.94**	1.81	1.57	1.78	1.91	1.80	1.31	1.12	0.87	0.75	0.75	0.51	0.49	0.37	0.38	0.39	0.27
NC_52	0.95	1.10	1.30	1.46	1.36	1.23	1.45	**1.66**	1.62	1.24	1.09	0.94	0.81	0.83	0.57	0.55	0.42	0.43	0.44	0.30
NC_53	1.28	1.68	2.01	2.21	2.06	1.96	2.35	2.60	**2.61**	1.98	1.76	1.50	1.28	1.32	0.91	0.87	0.66	0.68	0.69	0.47
NC_54	0.87	1.04	1.06	**1.25**	1.17	0.96	1.14	1.22	1.08	0.78	0.67	0.51	0.44	0.44	0.30	0.29	0.22	0.22	0.23	0.16
NC_55	0.40	0.51	0.50	**0.61**	0.57	0.45	0.56	**0.61**	0.54	0.38	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_56	0.49	0.62	0.58	**0.71**	0.66	0.51	0.63	0.67	0.60	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_57	0.62	0.77	0.77	0.93	0.86	0.69	0.86	**0.94**	0.81	0.60	0.52	0.40	0.35	0.35	0.24	0.23	0.17	0.18	0.18	0.12
NC_58	5.23	6.80	7.94	8.65	9.19	10.47	11.16	11.57	**11.74**	11.16	10.89	10.89	10.31	9.45	8.11	8.77	9.92	9.10	10.88	6.21
NC_59	0.68	0.85	0.81	**0.99**	0.92	0.72	0.89	0.95	0.84	0.59	0.51	0.38	0.33	0.33	0.22	0.22	0.16	0.17	0.17	0.12
NC_60	0.48	0.60	0.56	**0.70**	0.65	0.50	0.62	0.66	0.59	0.40	0.34	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_61	0.45	0.56	0.59	0.71	0.66	0.54	0.67	**0.74**	0.65	0.48	0.42	0.33	0.28	0.29	0.19	0.19	0.14	0.14	0.15	0.10
NC_62	5.01	5.84	6.60	6.97	6.63	6.22	6.95	**7.31**	7.23	5.70	4.90	4.21	3.64	3.71	2.60	2.49	1.90	1.95	2.01	1.46
NC_63	0.52	0.65	0.60	**0.74**	0.69	0.54	0.66	0.70	0.63	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_64	1.09	1.38	1.59	1.70	1.61	1.53	1.80	1.92	**1.94**	1.49	1.29	1.10	0.94	0.96	0.66	0.64	0.49	0.50	0.50	0.35
NC_65	0.75	0.94	0.88	**1.05**	0.97	0.78	0.92	0.96	0.86	0.57	0.49	0.36	0.31	0.31	0.21	0.20	0.16	0.16	0.16	0.11
NC_66	0.55	0.69	0.64	**0.78**	0.73	0.57	0.69	0.73	0.65	0.43	0.37	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_67	1.36	1.65	1.92	2.04	1.93	1.86	2.16	2.31	**2.35**	1.82	1.62	1.41	1.21	1.24	0.87	0.84	0.64	0.66	0.66	0.46
NC_68	0.56	0.71	0.66	**0.78**	0.73	0.58	0.68	0.72	0.65	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_69	1.22	1.64	1.91	2.06	2.06	2.13	2.39	2.41	**2.50**	1.95	1.87	1.62	1.38	1.43	1.02	0.99	0.76	0.78	0.79	0.55
NC_70	0.47	0.59	0.55	**0.69**	0.64	0.50	0.62	0.66	0.58	0.40	0.34	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_71	0.45	0.56	0.53	**0.66**	0.61	0.48	0.60	0.64	0.57	0.39	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_72	0.48	0.61	0.57	**0.70**	0.65	0.51	0.63	0.68	0.60	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_73	0.93	1.07	1.21	1.36	1.27	1.11	1.30	**1.43**	1.34	1.01	0.87	0.72	0.61	0.62	0.43	0.41	0.32	0.32	0.33	0.23
NC_74	0.30	0.36	0.41	0.49	0.45	0.38	0.48	**0.54**	0.47	0.36	0.31	0.25	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_75	5.70	6.89	7.74	8.21	7.81	7.35	8.25	**8.60**	8.53	6.67	5.78	4.93	4.26	4.34	3.04	2.92	2.23	2.28	2.34	1.70
NC_76	1.41	1.64	1.82	**2.03**	1.90	1.65	1.88	2.00	1.90	1.38	1.18	0.92	0.79	0.80	0.54	0.52	0.39	0.40	0.41	0.29
NC_77	1.52	1.80	2.06	2.23	2.10	1.93	2.27	2.47	**2.47**	1.89	1.71	1.52	1.30	1.33	0.92	0.88	0.67	0.69	0.70	0.49
NC_78	0.49	0.60	0.61	**0.73**	0.68	0.55	0.66	0.71	0.63	0.44	0.38	0.28	0.25	0.25	0.17	0.16	0.12	0.12	0.13	0.09
NC_79	0.62	0.77	0.73	**0.89**	0.83	0.65	0.80	0.86	0.76	0.52	0.45	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_80	0.92	1.08	1.34	1.47	1.36	1.25	1.50	**1.70**	1.68	1.28	1.13	0.97	0.83	0.84	0.59	0.56	0.43	0.44	0.44	0.31
NC_81	0.76	0.86	1.03	1.13	1.06	0.94	1.09	**1.19**	1.13	0.85	0.72	0.58	0.50	0.50	0.34	0.33	0.25	0.26	0.26	0.18
NC_82	1.78	2.35	2.70	2.89	2.75	2.70	3.12	3.26	**3.31**	2.56	2.26	1.93	1.65	1.69	1.17	1.13	0.86	0.88	0.90	0.62
NC_83	0.66	0.83	0.78	**0.91**	0.85	0.69	0.79	0.83	0.75	0.48	0.42	0.31	0.26	0.26	0.18	0.17	0.13	0.14	0.14	0.10
NC_84	0.58	0.73	0.70	**0.86**	0.80	0.63	0.78	0.84	0.74	0.52	0.45	0.34	0.30	0.30	0.20	0.19	0.15	0.15	0.15	0.11
NC_85	0.36	0.45	0.47	0.57	0.53	0.43	0.54	**0.59**	0.51	0.38	0.33	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_86	2.59	2.97	3.27	**3.56**	3.34	2.94	3.21	3.32	3.20	2.30	1.96	1.49	1.29	1.29	0.87	0.84	0.64	0.66	0.66	0.47
NC_87	0.83	1.03	0.96	**1.15**	1.07	0.86	1.00	1.05	0.94	0.63	0.54	0.40	0.35	0.35	0.23	0.23	0.17	0.18	0.18	0.13
NC_88	1.75	2.11	2.39	2.70	2.52	2.19	2.61	**2.82**	2.68	1.95	1.68	1.33	1.14	1.16	0.78	0.75	0.57	0.58	0.59	0.41
NC_89	0.22	0.27	0.34	0.39	0.36	0.32	0.40	**0.47**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.10	0.07
NC_90	3.10	3.70	4.20	4.54	4.27	3.87	4.44	**4.74**	4.71	3.52	3.11	2.64	2.28	2.32	1.58	1.52	1.16	1.19	1.20	0.84
NC_91	0.45	0.57	0.54	**0.67**	0.62	0.48	0.60	0.65	0.57	0.39	0.34	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_92	0.39	0.49	0.49	0.61	0.56	0.45	0.56	**0.62**	0.54	0.39	0.34	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.11	0.08
NC_93	0.60	0.71	0.83	0.95	0.88	0.77	0.95	**1.08**	1.02	0.78	0.69	0.59	0.50	0.51	0.35	0.34	0.26	0.27	0.27	0.19
NC_94	1.06	1.25	1.28	**1.50**	1.40	1.15	1.35	1.44	1.28	0.93	0.80	0.60	0.52	0.52	0.35	0.34	0.26	0.27	0.27	0.19
NC_95	0.91	1.09	1.11	**1.31**	1.22	1.00	1.18	1.26	1.12	0.81	0.69	0.52	0.45	0.45	0.31	0.29	0.22	0.23	0.23	0.16
NC_96	1.20	1.35	1.61	1.77	1.65	1.48	1.70	**1.85**	1.77	1.33	1.13	0.91	0.78	0.80	0.54	0.52	0.40	0.41	0.41	0.29
NC_97	0.45	0.57	0.55	**0.68**	0.63	0.49	0.61	0.66	0.58	0.40	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_98	1.33	1.52	1.72	1.90	1.78	1.57	1.80	**1.95**	1.85	1.39	1.19	0.97	0.84	0.85	0.58	0.56	0.43	0.44	0.44	0.31
NC_99	3.07	3.51	3.91	**4.21**	3.96	3.53	3.87	4.02	3.94	2.87	2.44	1.90	1.64	1.65	1.12	1.07	0.82	0.84	0.85	0.60
NC_100	0.50	0.63	0.62	**0.76**	0.70	0.56	0.70	0.76	0.66	0.47	0.41	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_101	1.28	1.51	1.59	**1.85**	1.72	1.43	1.68	1.80	1.63	1.17	1.01	0.77	0.66	0.67	0.45	0.43	0.33	0.34	0.34	0.24
NC_102	5.21	6.78	7.94	8.65	9.20	10.49	11.21	11.86	**12.09**	11.62	11.38	11.29	10.67	9.65	8.31	9.22	10.17	9.48	11.42	6.59
NC_103	0.50	0.63	0.59	**0.73**	0.68	0.52	0.65	0.69	0.62	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_104	0.27	0.33	0.39	0.46	0.43	0.36	0.46	**0.52**	0.47	0.35	0.31	0.25	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_105	3.67	4.37	4.92	5.48	5.12	4.49	5.22	**5.59**	5.39	3.89	3.35	2.63	2.27	2.29	1.55	1.48	1.13	1.15	1.17	0.81
NC_106	0.48	0.61	0.57	**0.70**	0.65	0.51	0.63	0.67	0.59	0.40	0.34	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_107	0.57	0.67	0.78	0.89	0.82	0.72	0.87	**0.97**	0.92	0.70	0.60	0.50	0.43	0.43	0.30	0.28	0.22	0.22	0.22	0.16
NC_108	0.54	0.68	0.66	**0.81**	0.76	0.60	0.75	0.81	0.71	0.50	0.43	0.33	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.10
NC_109	5.53	6.66	7.42	**7.90**	7.46	6.82	7.46	7.59	7.64	5.61	4.77	3.76	3.25	3.27	2.22	2.13	1.63	1.67	1.69	1.19
NC_110	0.52	0.66	0.61	**0.75**	0.70	0.55	0.67	0.71	0.63	0.42	0.37	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_111	0.54	0.69	0.64	**0.76**	0.71	0.57	0.66	0.70	0.63	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_112	0.31	0.45	0.54	0.60	0.61	0.66	0.74	0.80	**0.83**	0.64	0.60	0.53	0.45	0.46	0.32	0.31	0.23	0.24	0.24	0.17
NC_113	0.69	0.86	0.80	**0.98**	0.91	0.71	0.87	0.92	0.82	0.56	0.48	0.36	0.31	0.31	0.21	0.20	0.15	0.16	0.16	0.11
NC_114	0.53	0.66	0.63	**0.78**	0.72	0.57	0.70	0.75	0.66	0.46	0.40	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_115	0.25	0.30	0.37	0.44	0.40	0.34	0.44	**0.50**	0.45	0.34	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_116	1.73	1.98	2.20	**2.43**	2.27	1.99	2.23	2.37	2.26	1.63	1.40	1.07	0.93	0.93	0.63	0.60	0.46	0.47	0.48	0.33
NC_117	0.98	1.16	1.18	**1.38**	1.29	1.06	1.24	1.32	1.17	0.84	0.72	0.54	0.47	0.47	0.32	0.31	0.23	0.24	0.24	0.17
NC_118	0.29	0.35	0.42	0.50	0.46	0.39	0.50	**0.56**	0.51	0.38	0.33	0.27	0.23	0.24	0.16	0.15	0.12	0.12	0.12	0.08
NC_119	3.91	4.76	5.38	5.88	5.51	4.94	5.69	**6.00**	5.97	4.31	3.72	2.95	2.54	2.57	1.73	1.66	1.26	1.30	1.31	0.91
NC_120	0.80	0.98	1.02	1.22	1.13	0.92	1.14	**1.26**	1.10	0.82	0.72	0.58	0.49	0.50	0.34	0.33	0.25	0.26	0.26	0.18
NC_121	0.31	0.50	0.66	0.76	0.79	0.87	0.99	1.00	**1.06**	0.81	0.84	0.72	0.61	0.64	0.46	0.44	0.34	0.34	0.35	0.24
NC_122	0.47	0.60	0.56	**0.69**	0.64	0.50	0.62	0.66	0.59	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_123	0.67	0.92	1.08	1.17	1.10	1.09	1.28	1.38	**1.40**	1.08	0.95	0.81	0.69	0.70	0.48	0.46	0.35	0.36	0.37	0.25
NC_124	12.61	15.97	18.11	19.27	18.37	17.39	19.50	19.85	**20.01**	15.27	13.27	11.07	9.56	9.75	6.76	6.49	4.96	5.08	5.18	3.70
NC_125	0.58	0.73	0.69	**0.80**	0.74	0.61	0.69	0.73	0.66	0.42	0.37	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_126	0.83	0.97	1.04	**1.18**	1.11	0.95	1.09	1.17	1.06	0.79	0.67	0.53	0.45	0.46	0.31	0.30	0.23	0.23	0.24	0.17
NC_127	0.53	0.66	0.64	**0.78**	0.73	0.57	0.71	0.76	0.67	0.47	0.41	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_128	0.99	1.18	1.18	**1.39**	1.30	1.06	1.25	1.32	1.17	0.84	0.72	0.54	0.47	0.47	0.32	0.30	0.23	0.24	0.24	0.17
NC_129	1.34	1.89	2.28	2.50	2.42	2.59	2.95	3.18	**3.27**	2.52	2.35	2.06	1.76	1.83	1.28	1.23	0.93	0.96	0.97	0.66
NC_130	0.51	0.64	0.60	**0.74**	0.69	0.54	0.67	0.71	0.63	0.43	0.37	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_131	0.43	0.70	0.92	1.03	1.08	1.18	1.35	1.35	**1.43**	1.10	1.12	0.97	0.82	0.87	0.61	0.59	0.45	0.46	0.46	0.32
NC_132	0.43	0.54	0.52	**0.64**	0.60	0.47	0.59	0.63	0.56	0.39	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_133	1.41	1.62	1.78	**1.99**	1.86	1.61	1.82	1.93	1.82	1.32	1.13	0.87	0.75	0.75	0.51	0.49	0.37	0.38	0.39	0.27
NC_134	0.53	0.67	0.62	**0.77**	0.72	0.56	0.69	0.73	0.65	0.44	0.38	0.28	0.24	0.24	0.17	0.16	0.12	0.12	0.13	0.09
NC_135	0.31	0.50	0.67	0.77	0.80	0.88	1.00	1.00	**1.06**	0.81	0.83	0.72	0.61	0.64	0.45	0.44	0.33	0.34	0.34	0.23
NC_136	0.51	0.65	0.60	**0.73**	0.68	0.54	0.65	0.68	0.61	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_137	0.25	0.30	0.37	0.43	0.40	0.34	0.43	**0.49**	0.45	0.34	0.29	0.24	0.20	0.21	0.14	0.14	0.10	0.10	0.11	0.07
NC_138	5.10	6.47	7.29	7.81	7.38	6.85	7.80	8.11	**8.22**	6.12	5.42	4.56	3.93	4.01	2.73	2.63	2.00	2.05	2.08	1.45
NC_139	0.31	0.47	0.56	0.62	0.61	0.66	0.75	0.80	**0.83**	0.65	0.59	0.52	0.44	0.46	0.32	0.31	0.23	0.24	0.24	0.16
NC_140	1.00	1.19	1.20	**1.42**	1.32	1.08	1.27	1.35	1.19	0.86	0.74	0.56	0.48	0.48	0.33	0.31	0.24	0.25	0.25	0.18
NC_141	0.53	0.68	0.63	**0.75**	0.70	0.56	0.66	0.69	0.62	0.41	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.12	0.08
NC_142	1.11	1.33	1.27	**1.50**	1.40	1.13	1.30	1.35	1.21	0.83	0.72	0.53	0.46	0.45	0.31	0.30	0.23	0.23	0.24	0.17
NC_143	0.26	0.31	0.38	0.45	0.41	0.35	0.45	**0.51**	0.46	0.35	0.30	0.25	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_144	0.46	0.58	0.55	**0.68**	0.63	0.49	0.61	0.66	0.58	0.40	0.34	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_145	0.43	0.53	0.55	0.67	0.62	0.50	0.63	**0.70**	0.60	0.45	0.39	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_146	4.07	4.87	5.49	5.95	5.61	5.11	5.90	**6.28**	6.18	4.69	4.13	3.55	3.09	3.17	2.20	2.11	1.62	1.66	1.68	1.18
NC_147	1.17	1.39	1.39	**1.63**	1.52	1.24	1.44	1.52	1.35	0.96	0.83	0.62	0.54	0.54	0.36	0.35	0.27	0.27	0.28	0.19
NC_148	2.06	2.56	2.89	3.07	2.90	2.71	3.04	3.12	**3.17**	2.38	2.01	1.63	1.41	1.42	0.96	0.93	0.71	0.72	0.73	0.52
NC_149	0.57	0.72	0.67	**0.82**	0.76	0.60	0.72	0.77	0.68	0.46	0.39	0.29	0.25	0.25	0.17	0.16	0.13	0.13	0.13	0.09
NC_150	0.50	0.63	0.59	**0.72**	0.67	0.52	0.64	0.67	0.60	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_151	1.01	1.18	1.26	**1.44**	1.34	1.13	1.30	1.38	1.27	0.90	0.78	0.59	0.51	0.51	0.34	0.33	0.25	0.26	0.26	0.18
NC_152	1.86	4.20	6.60	8.64	10.29	14.00	16.37	17.19	**17.80**	15.59	16.18	15.57	14.12	13.36	10.54	10.76	8.71	8.96	9.11	6.68
NC_153	0.24	0.30	0.38	0.43	0.40	0.36	0.45	**0.52**	0.49	0.37	0.33	0.27	0.23	0.24	0.16	0.16	0.12	0.12	0.12	0.08
NC_154	3.49	4.81	5.78	6.32	6.32	6.46	7.26	7.29	**7.47**	5.82	5.33	4.52	3.88	4.00	2.82	2.72	2.07	2.12	2.15	1.51
NC_155	1.74	2.03	2.12	**2.41**	2.25	1.90	2.15	2.25	2.10	1.49	1.28	0.96	0.83	0.83	0.56	0.54	0.41	0.42	0.43	0.30
NC_156	1.68	2.47	3.02	3.33	3.24	3.44	3.95	4.19	**4.34**	3.33	3.14	2.74	2.33	2.43	1.70	1.64	1.24	1.27	1.29	0.88
NC_157	2.22	2.53	2.80	**3.01**	2.83	2.51	2.73	2.83	2.77	1.98	1.69	1.29	1.11	1.12	0.76	0.72	0.55	0.57	0.57	0.40
NC_158	1.82	4.13	6.44	8.45	10.07	13.76	16.15	17.11	**17.78**	15.64	16.08	15.64	14.20	13.40	10.50	10.83	8.82	9.08	9.23	6.76
NC_159	0.55	0.70	0.65	**0.78**	0.73	0.58	0.69	0.73	0.65	0.43	0.37	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_160	0.62	0.78	0.73	**0.90**	0.83	0.65	0.80	0.86	0.76	0.52	0.45	0.34	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.11
NC_161	0.50	0.64	0.59	**0.73**	0.67	0.53	0.64	0.68	0.61	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_162	0.45	0.57	0.54	**0.66**	0.62	0.48	0.60	0.64	0.57	0.39	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_163	0.52	0.66	0.61	**0.75**	0.69	0.54	0.67	0.71	0.63	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.08
NC_164	1.15	1.37	1.40	**1.63**	1.52	1.26	1.47	1.56	1.39	1.01	0.87	0.66	0.57	0.57	0.38	0.37	0.28	0.29	0.29	0.21
NC_165	0.52	0.66	0.61	**0.74**	0.69	0.54	0.65	0.69	0.62	0.41	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_166	0.59	0.73	0.69	**0.84**	0.78	0.62	0.74	0.79	0.70	0.47	0.41	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_167	4.78	5.83	6.55	7.05	6.66	6.12	7.01	**7.37**	7.35	5.54	4.88	4.17	3.62	3.73	2.57	2.48	1.89	1.94	1.97	1.38
NC_168	7.36	9.43	10.72	11.42	10.81	10.15	11.49	11.85	**12.07**	9.05	7.94	6.64	5.72	5.85	3.98	3.82	2.91	2.98	3.02	2.11
NC_169	0.88	1.09	1.02	**1.24**	1.16	0.91	1.10	1.17	1.04	0.72	0.62	0.46	0.40	0.40	0.27	0.26	0.20	0.20	0.21	0.15
NC_170	0.55	0.69	0.66	**0.81**	0.75	0.59	0.74	0.79	0.70	0.49	0.42	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_171	2.50	3.66	4.49	4.96	4.92	5.25	6.03	6.30	**6.55**	5.04	4.86	4.23	3.59	3.81	2.66	2.56	1.94	1.99	2.02	1.38
NC_172	6.02	7.57	8.55	9.16	8.63	7.97	9.04	9.34	**9.53**	6.95	6.04	4.84	4.17	4.24	2.86	2.74	2.09	2.14	2.17	1.51
NC_173	0.90	1.07	1.11	**1.30**	1.21	1.00	1.18	1.27	1.13	0.82	0.71	0.54	0.46	0.47	0.31	0.30	0.23	0.24	0.24	0.17
NC_174	1.69	1.98	2.27	**2.44**	2.29	2.07	2.31	2.42	2.40	1.75	1.49	1.16	1.01	1.01	0.68	0.65	0.50	0.51	0.52	0.36
NC_175	1.61	1.83	2.00	**2.24**	2.09	1.80	2.02	2.14	2.00	1.45	1.24	0.95	0.82	0.82	0.56	0.54	0.41	0.42	0.42	0.30
NC_176	0.97	1.48	1.88	2.19	2.42	2.87	3.09	3.14	**3.22**	2.96	3.03	3.00	2.90	2.83	2.25	2.38	2.06	2.11	2.19	1.58
NC_177	0.58	0.74	0.69	**0.82**	0.76	0.61	0.72	0.76	0.68	0.44	0.38	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.13	0.09
NC_178	1.00	1.20	1.18	**1.39**	1.30	1.05	1.23	1.29	1.15	0.81	0.70	0.52	0.45	0.45	0.30	0.29	0.22	0.23	0.23	0.16
NC_179	0.76	1.02	1.22	1.35	1.42	1.54	1.76	1.77	**1.86**	1.46	1.47	1.28	1.08	1.16	0.81	0.78	0.59	0.60	0.61	0.42
NC_180	0.57	0.72	0.67	**0.82**	0.76	0.60	0.73	0.77	0.69	0.47	0.40	0.30	0.26	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_181	1.00	1.41	1.80	2.12	2.36	2.86	3.22	3.36	**3.51**	3.24	3.19	3.31	3.21	3.12	2.50	2.62	2.30	2.36	2.46	1.77
NC_182	0.64	0.80	0.77	**0.94**	0.87	0.69	0.86	0.92	0.81	0.57	0.49	0.38	0.32	0.33	0.22	0.21	0.16	0.17	0.17	0.12
NC_183	0.52	0.65	0.61	**0.74**	0.68	0.54	0.65	0.69	0.62	0.41	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_184	0.53	0.67	0.62	**0.77**	0.72	0.56	0.69	0.73	0.65	0.44	0.38	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.13	0.09
NC_185	0.94	1.12	1.14	**1.34**	1.25	1.03	1.21	1.29	1.14	0.83	0.71	0.54	0.46	0.47	0.31	0.30	0.23	0.24	0.24	0.17
NC_186	0.25	0.31	0.40	0.45	0.42	0.38	0.47	**0.55**	0.52	0.40	0.35	0.29	0.25	0.25	0.17	0.17	0.12	0.13	0.13	0.09
NC_187	0.52	0.66	0.62	**0.75**	0.69	0.55	0.66	0.70	0.62	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_188	1.23	1.46	1.44	**1.69**	1.58	1.29	1.49	1.56	1.39	0.98	0.85	0.63	0.54	0.54	0.37	0.35	0.27	0.28	0.28	0.20
NC_189	0.28	0.34	0.40	0.47	0.43	0.37	0.46	**0.52**	0.47	0.35	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_190	3.15	4.20	5.09	5.75	6.14	6.61	**7.09**	6.96	7.02	5.84	5.88	5.00	4.29	4.46	3.29	3.18	2.43	2.51	2.59	1.92
NC_191	0.61	0.76	0.71	**0.86**	0.80	0.63	0.77	0.81	0.72	0.49	0.42	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_192	7.87	10.15	11.57	12.32	11.68	11.01	12.46	12.82	**13.08**	9.84	8.62	7.21	6.24	6.37	4.33	4.16	3.17	3.25	3.29	2.30
NC_193	4.74	6.23	7.42	8.28	8.96	10.79	12.02	13.74	14.41	**14.61**	14.12	14.19	13.38	11.71	9.88	12.13	12.13	11.75	14.41	9.02
NC_194	0.49	0.71	0.90	1.02	1.07	1.16	1.33	1.33	**1.41**	1.08	1.11	0.96	0.81	0.86	0.61	0.58	0.44	0.45	0.46	0.31
NC_195	0.60	0.74	0.72	**0.89**	0.82	0.65	0.81	0.87	0.77	0.55	0.47	0.36	0.31	0.31	0.21	0.20	0.16	0.16	0.16	0.11
NC_196	0.38	0.54	0.64	0.70	0.66	0.68	0.79	0.86	**0.88**	0.68	0.60	0.52	0.44	0.45	0.31	0.30	0.23	0.23	0.24	0.16
NC_197	0.36	0.44	0.48	0.58	0.53	0.44	0.55	**0.61**	0.53	0.40	0.34	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.08
NC_198	0.52	0.65	0.61	**0.74**	0.69	0.54	0.66	0.69	0.62	0.41	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_199	1.31	1.52	1.57	**1.80**	1.68	1.41	1.59	1.67	1.53	1.09	0.93	0.70	0.61	0.61	0.41	0.39	0.30	0.31	0.31	0.22
NC_200	2.14	2.44	2.64	**2.96**	2.77	2.37	2.66	2.80	2.60	1.88	1.61	1.22	1.06	1.06	0.72	0.69	0.53	0.54	0.55	0.38
NC_201	0.31	0.40	0.51	0.58	0.53	0.52	0.61	**0.71**	0.69	0.53	0.47	0.40	0.34	0.35	0.24	0.24	0.18	0.18	0.19	0.13
NC_202	1.28	1.46	1.62	**1.81**	1.69	1.46	1.66	1.77	1.66	1.20	1.03	0.79	0.68	0.69	0.46	0.44	0.34	0.35	0.35	0.25
NC_203	0.84	0.96	1.11	1.23	1.15	1.02	1.17	**1.28**	1.20	0.90	0.77	0.62	0.54	0.54	0.37	0.36	0.27	0.28	0.28	0.20
NC_204	0.26	0.30	0.40	0.46	0.42	0.37	0.47	**0.54**	0.50	0.38	0.33	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.08
NC_205	4.89	6.11	6.84	7.34	6.94	6.45	7.38	7.68	**7.72**	5.83	5.15	4.39	3.82	3.95	2.72	2.62	2.00	2.05	2.08	1.46
NC_206	0.38	0.57	0.69	0.76	0.72	0.73	0.86	0.96	**0.97**	0.74	0.65	0.56	0.47	0.49	0.33	0.32	0.24	0.25	0.25	0.17
NC_207	2.43	2.80	3.11	**3.37**	3.17	2.80	3.09	3.21	3.12	2.25	1.92	1.48	1.27	1.28	0.87	0.83	0.63	0.65	0.66	0.46
NC_208	0.49	0.63	0.58	**0.71**	0.66	0.52	0.63	0.67	0.60	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_209	0.21	0.27	0.34	0.39	0.36	0.32	0.40	**0.47**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.11	0.07
NC_210	8.21	10.68	12.24	13.04	12.39	11.76	13.33	13.64	**13.92**	10.52	9.24	7.75	6.71	6.87	4.66	4.48	3.41	3.49	3.54	2.48
NC_211	0.58	0.73	0.68	**0.84**	0.78	0.61	0.75	0.80	0.71	0.48	0.42	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_212	0.21	0.26	0.34	0.39	0.36	0.32	0.40	**0.46**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.10	0.07
NC_213	4.33	6.07	7.46	8.41	8.62	9.04	10.06	9.99	**10.24**	8.04	7.69	6.52	5.59	5.78	4.14	3.99	3.04	3.12	3.16	2.21
NC_214	0.36	0.51	0.63	0.70	0.72	0.79	0.89	0.90	**0.95**	0.73	0.76	0.65	0.56	0.58	0.42	0.41	0.31	0.32	0.33	0.25
NC_215	2.75	3.46	4.01	4.26	4.45	5.48	6.63	6.75	**6.88**	5.31	5.06	4.64	4.30	4.07	3.40	3.48	2.88	2.95	3.00	2.18
NC_216	0.25	0.30	0.37	0.44	0.40	0.35	0.44	**0.50**	0.45	0.34	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.10	0.11	0.07
NC_217	0.28	0.41	0.50	0.56	0.56	0.60	0.68	0.73	**0.76**	0.59	0.54	0.48	0.41	0.42	0.29	0.28	0.21	0.22	0.22	0.15

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_218	2.36	3.24	3.92	4.73	5.39	6.90	7.85	8.01	**8.20**	6.71	6.74	6.14	5.37	4.96	4.08	4.13	3.46	3.55	3.61	2.55
NC_219	0.47	0.66	0.79	0.87	0.84	0.91	1.03	1.14	**1.17**	0.90	0.81	0.71	0.61	0.63	0.43	0.42	0.31	0.32	0.33	0.22
NC_220	1.78	2.02	2.32	**2.51**	2.35	2.10	2.33	2.46	2.41	1.75	1.50	1.16	1.00	1.01	0.68	0.65	0.50	0.51	0.52	0.36
NC_221	0.49	0.61	0.58	**0.71**	0.66	0.52	0.64	0.69	0.61	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.08
NC_222	0.46	0.58	0.55	**0.68**	0.63	0.50	0.62	0.67	0.59	0.41	0.35	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_223	0.63	0.79	0.73	**0.90**	0.83	0.65	0.80	0.84	0.75	0.51	0.44	0.33	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_224	0.50	0.64	0.59	**0.74**	0.68	0.53	0.66	0.70	0.63	0.43	0.37	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_225	3.23	4.48	5.45	6.13	6.36	6.67	7.38	7.32	**7.40**	5.82	5.58	4.63	3.99	4.06	2.95	2.85	2.17	2.22	2.25	1.57
NC_226	2.68	3.17	3.56	**3.80**	3.57	3.23	3.55	3.65	3.65	2.65	2.25	1.75	1.51	1.52	1.03	0.99	0.76	0.77	0.78	0.55
NC_227	1.45	1.69	1.80	2.12	2.37	2.87	3.30	3.49	**3.64**	3.36	3.27	3.48	3.39	3.36	2.66	2.78	2.42	2.48	2.59	1.86
NC_228	0.42	0.53	0.53	0.65	0.60	0.48	0.60	**0.65**	0.57	0.41	0.36	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.08
NC_229	4.70	6.10	7.22	8.10	8.79	10.50	11.52	13.03	13.93	**14.44**	14.10	14.18	13.55	11.62	10.23	12.49	12.37	12.36	14.44	9.76
NC_230	0.27	0.33	0.40	0.47	0.44	0.37	0.47	**0.53**	0.49	0.37	0.32	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.11	0.08
NC_231	0.82	0.97	1.07	1.22	1.14	0.98	1.17	**1.31**	1.21	0.92	0.80	0.67	0.57	0.59	0.40	0.39	0.30	0.30	0.31	0.21
NC_232	8.26	10.80	12.44	13.28	12.64	12.05	13.66	13.92	**14.24**	10.74	9.50	7.97	6.90	7.09	4.81	4.62	3.52	3.61	3.66	2.56
NC_233	0.25	0.30	0.37	0.44	0.40	0.35	0.44	**0.50**	0.46	0.35	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_234	4.48	6.33	7.81	8.85	9.17	9.71	10.76	10.67	**10.93**	8.62	8.34	7.06	6.04	6.24	4.51	4.35	3.31	3.40	3.44	2.40
NC_235	0.53	0.68	0.62	**0.77**	0.71	0.56	0.68	0.72	0.65	0.43	0.37	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_236	0.53	0.83	1.04	1.16	1.11	1.17	1.37	1.46	**1.51**	1.15	1.05	0.90	0.77	0.80	0.55	0.53	0.40	0.41	0.41	0.28
NC_237	2.40	3.33	4.07	4.78	5.46	7.02	8.04	8.24	**8.43**	7.00	6.94	6.39	5.58	5.17	4.26	4.35	3.63	3.72	3.79	2.67
NC_238	15.61	21.44	25.99	29.20	30.37	32.22	35.46	35.25	**35.56**	28.26	27.16	22.96	19.87	19.96	14.84	14.35	10.97	11.43	11.78	8.06
NC_239	1.20	2.88	4.97	6.79	7.53	8.42	9.70	10.08	**10.54**	7.72	7.67	6.55	5.69	5.89	4.05	3.90	2.98	3.49	3.27	2.25
NC_240	4.06	5.86	7.35	8.55	9.32	10.51	**11.52**	11.43	11.51	9.22	9.53	8.06	6.98	7.04	5.35	5.19	3.98	4.08	4.14	2.87
NC_241	0.45	0.55	0.59	0.71	0.66	0.54	0.68	**0.76**	0.66	0.50	0.43	0.35	0.30	0.30	0.20	0.20	0.15	0.15	0.15	0.11
NC_242	0.29	0.34	0.42	0.50	0.46	0.39	0.50	**0.57**	0.52	0.39	0.34	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.08
NC_243	1.72	2.02	2.34	2.56	2.41	2.33	2.61	**2.91**	2.89	2.26	2.16	1.91	1.65	1.72	1.20	1.16	0.88	0.91	0.92	0.64
NC_244	16.40	22.39	27.00	30.15	31.02	32.27	35.67	35.45	**35.84**	28.31	26.92	22.65	19.55	19.66	14.52	14.02	10.70	11.08	11.50	7.87
NC_245	0.79	1.27	1.67	1.89	1.94	2.06	2.39	2.44	**2.57**	1.96	1.90	1.64	1.39	1.45	1.02	0.98	0.74	0.76	0.77	0.52
NC_246	0.57	0.72	0.67	**0.80**	0.75	0.59	0.71	0.74	0.67	0.44	0.38	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_247	0.49	0.62	0.59	**0.73**	0.67	0.53	0.66	0.70	0.62	0.43	0.37	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_248	0.38	0.56	0.72	0.84	0.89	0.99	1.10	1.11	**1.14**	0.89	0.98	0.83	0.72	0.75	0.55	0.54	0.41	0.42	0.43	0.32
NC_249	0.81	1.03	1.20	1.32	1.34	1.41	1.61	1.66	**1.73**	1.36	1.26	1.10	0.94	0.98	0.68	0.65	0.49	0.51	0.51	0.35
NC_250	0.22	0.27	0.34	0.39	0.36	0.32	0.40	**0.47**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.11	0.07
NC_251	0.21	0.27	0.34	0.39	0.36	0.32	0.40	**0.46**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.14	0.10	0.10	0.11	0.07
NC_252	2.41	3.37	4.14	4.80	5.48	7.07	8.13	8.37	**8.55**	7.15	7.04	6.55	5.70	5.30	4.41	4.49	3.73	3.83	3.90	2.74
NC_253	0.99	1.17	1.38	1.50	1.56	1.68	1.90	1.87	**1.97**	1.55	1.59	1.37	1.17	1.24	0.88	0.85	0.65	0.66	0.67	0.46
NC_254	0.21	0.26	0.34	0.39	0.36	0.32	0.40	**0.46**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.10	0.07
NC_255	0.33	0.44	0.55	0.62	0.57	0.58	0.66	**0.78**	0.77	0.59	0.52	0.46	0.39	0.40	0.28	0.27	0.20	0.21	0.21	0.14
NC_256	0.24	0.29	0.37	0.43	0.40	0.35	0.44	**0.50**	0.46	0.35	0.30	0.25	0.21	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_257	0.40	0.56	0.67	0.74	0.69	0.69	0.82	0.92	**0.92**	0.70	0.61	0.52	0.44	0.45	0.31	0.30	0.22	0.23	0.23	0.16
NC_258	2.70	3.41	3.98	4.27	4.48	5.43	6.74	7.17	**7.35**	6.10	5.53	5.56	5.19	4.76	4.09	4.18	3.56	3.66	3.71	2.68
NC_259	0.29	0.34	0.42	0.50	0.46	0.39	0.50	**0.56**	0.51	0.39	0.34	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.08
NC_260	10.23	13.46	15.61	17.94	19.19	20.91	24.37	25.12	**26.27**	19.22	18.80	15.97	13.83	14.33	9.78	9.40	7.17	7.77	7.62	5.29
NC_261	0.55	0.69	0.65	**0.77**	0.71	0.58	0.67	0.70	0.63	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_262	4.00	4.87	5.45	**5.85**	5.51	5.00	5.56	5.72	5.75	4.18	3.58	2.82	2.43	2.45	1.65	1.59	1.21	1.24	1.26	0.88
NC_263	37.80	54.09	68.83	82.05	93.12	119.46	139.79	162.37	179.02	**184.42**	180.36	184.07	180.26	146.04	133.47	170.77	147.62	165.67	175.80	123.75
NC_264	0.22	0.27	0.35	0.40	0.37	0.33	0.41	**0.47**	0.45	0.34	0.29	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_265	0.74	0.92	0.86	**1.05**	0.98	0.77	0.94	1.00	0.89	0.61	0.53	0.40	0.34	0.34	0.23	0.22	0.17	0.17	0.18	0.12
NC_266	1.08	1.21	1.45	1.58	1.48	1.33	1.53	**1.66**	1.60	1.20	1.02	0.83	0.71	0.72	0.49	0.47	0.36	0.37	0.37	0.26
NC_267	0.31	0.47	0.57	0.64	0.66	0.70	0.80	0.84	**0.88**	0.69	0.65	0.58	0.49	0.51	0.36	0.34	0.26	0.27	0.27	0.18
NC_268	4.51	6.68	8.66	10.57	12.69	17.71	21.35	24.41	**25.79**	23.88	22.83	24.44	22.94	20.56	16.68	18.08	15.21	15.65	15.97	11.16
NC_269	0.27	0.41	0.50	0.56	0.56	0.60	0.68	0.73	**0.76**	0.59	0.54	0.47	0.40	0.42	0.29	0.28	0.21	0.21	0.22	0.15
NC_270	0.90	1.28	1.58	1.76	1.79	1.86	2.10	2.10	**2.17**	1.68	1.58	1.33	1.14	1.17	0.84	0.80	0.61	0.63	0.64	0.44
NC_271	2.63	3.36	3.92	4.24	4.46	5.38	6.60	7.22	**7.49**	6.36	5.79	5.88	5.46	5.06	4.27	4.44	3.83	3.94	4.00	2.88
NC_272	4.68	6.08	7.21	8.08	8.77	10.49	11.51	13.02	13.95	14.68	14.42	14.52	13.85	11.66	10.76	12.76	12.68	12.76	**14.69**	10.18
NC_273	0.29	0.45	0.56	0.62	0.64	0.69	0.79	0.82	**0.85**	0.67	0.64	0.56	0.47	0.49	0.34	0.33	0.25	0.26	0.26	0.18
NC_274	2.65	3.76	4.66	5.37	5.76	7.45	8.60	8.92	**9.13**	7.76	7.52	7.12	6.20	5.90	4.90	4.97	4.09	4.20	4.27	3.00
NC_275	10.25	13.52	15.75	17.96	19.28	21.09	24.51	25.23	**26.37**	19.29	19.05	16.16	14.00	14.56	9.92	9.54	7.28	7.88	7.73	5.37
NC_276	0.43	0.54	0.52	**0.64**	0.59	0.47	0.58	0.63	0.55	0.39	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_277	0.82	1.20	1.51	1.75	1.88	2.04	2.27	2.26	**2.30**	1.82	1.85	1.53	1.32	1.35	1.00	0.96	0.74	0.75	0.77	0.53
NC_278	0.42	0.53	0.52	0.64	0.60	0.47	0.59	**0.64**	0.56	0.40	0.35	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_279	11.06	14.81	17.46	19.24	20.54	22.72	26.14	26.66	**27.74**	20.43	20.89	17.87	15.58	16.21	11.09	10.67	8.20	8.77	8.63	6.00
NC_280	37.81	54.11	68.86	82.08	93.16	119.50	139.84	162.41	179.05	**184.39**	180.32	183.99	180.25	146.00	133.36	170.70	147.54	165.53	175.66	123.65
NC_281	0.42	0.53	0.52	**0.64**	0.59	0.47	0.58	0.63	0.55	0.39	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_282	0.24	0.31	0.39	0.44	0.40	0.37	0.46	**0.53**	0.51	0.39	0.34	0.28	0.24	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_283	0.83	0.99	1.00	**1.19**	1.10	0.90	1.06	1.13	1.01	0.72	0.62	0.46	0.40	0.40	0.27	0.26	0.20	0.20	0.21	0.14
NC_284	0.63	0.98	1.28	1.52	1.67	1.89	2.09	2.10	**2.15**	1.69	1.89	1.60	1.39	1.44	1.07	1.04	0.80	0.82	0.83	0.59
NC_285	15.45	21.33	25.96	29.33	30.79	33.24	36.53	36.29	**36.57**	29.22	28.33	24.10	20.94	20.70	15.70	15.21	11.65	12.08	12.46	8.51
NC_286	0.21	0.27	0.34	0.39	0.36	0.32	0.40	**0.46**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.14	0.10	0.10	0.11	0.07
NC_287	37.77	54.06	68.79	82.00	93.07	119.40	139.75	162.37	179.08	**184.76**	180.91	184.58	180.58	146.27	134.32	171.39	148.21	166.67	176.82	124.43
NC_288	0.74	0.92	0.87	**1.07**	0.99	0.78	0.96	1.03	0.90	0.63	0.55	0.41	0.36	0.36	0.24	0.23	0.18	0.18	0.18	0.13
NC_289	2.71	3.42	3.87	4.15	3.92	3.64	4.12	4.24	**4.27**	3.17	2.73	2.20	1.90	1.91	1.30	1.25	0.95	0.97	0.98	0.69
NC_290	0.49	0.62	0.57	**0.71**	0.66	0.51	0.63	0.68	0.60	0.40	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_291	0.57	0.71	0.68	**0.83**	0.77	0.61	0.76	0.81	0.72	0.50	0.43	0.33	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_292	0.42	0.55	0.69	0.76	0.74	0.80	0.90	1.00	**1.01**	0.79	0.74	0.66	0.56	0.58	0.41	0.40	0.30	0.31	0.31	0.21
NC_293	4.59	6.67	8.39	9.79	10.69	12.34	13.58	13.51	**13.67**	11.06	11.39	9.81	8.55	8.42	6.52	6.39	4.93	5.05	5.12	3.55
NC_294	1.22	1.92	2.51	2.99	3.31	3.90	4.35	4.35	**4.44**	3.54	3.92	3.39	2.97	2.96	2.26	2.23	1.72	1.77	1.81	1.27
NC_295	0.50	0.63	0.60	**0.74**	0.69	0.54	0.67	0.72	0.63	0.44	0.38	0.28	0.25	0.25	0.17	0.16	0.12	0.12	0.13	0.09
NC_296	0.49	0.62	0.58	**0.72**	0.66	0.52	0.64	0.69	0.61	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.08
NC_297	0.70	0.83	0.95	1.07	0.99	0.86	1.01	**1.10**	1.03	0.75	0.65	0.51	0.44	0.44	0.30	0.28	0.21	0.22	0.22	0.15
NC_298	2.29	3.04	3.59	3.87	3.77	3.68	4.16	4.18	**4.27**	3.25	2.89	2.40	2.08	2.11	1.45	1.39	1.06	1.09	1.10	0.77
NC_299	19.90	28.29	35.12	40.37	43.34	48.86	53.84	53.77	**54.52**	43.96	44.71	38.60	33.64	33.12	25.64	25.14	19.39	19.91	20.44	14.03
NC_300	0.55	0.69	0.64	**0.80**	0.74	0.58	0.71	0.76	0.67	0.46	0.40	0.30	0.26	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_301	1.02	1.27	1.20	**1.47**	1.36	1.08	1.30	1.38	1.25	0.84	0.73	0.54	0.47	0.47	0.32	0.30	0.23	0.24	0.24	0.17
NC_302	37.89	54.20	68.98	82.22	93.31	119.67	140.02	162.57	179.18	**184.46**	180.33	184.02	180.22	145.91	133.37	170.68	147.45	165.41	175.54	123.57
NC_303	1.32	1.74	1.99	2.13	2.02	1.93	2.26	2.37	**2.40**	1.85	1.59	1.35	1.15	1.17	0.81	0.78	0.59	0.61	0.61	0.43
NC_304	0.53	0.82	1.06	1.23	1.29	1.41	1.60	1.60	**1.68**	1.29	1.36	1.16	0.99	1.03	0.74	0.72	0.55	0.56	0.57	0.39
NC_305	0.44	0.55	0.54	**0.66**	0.61	0.48	0.60	0.65	0.57	0.40	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_306	1.33	2.12	2.79	3.34	3.75	4.63	5.17	5.21	**5.37**	4.44	4.77	4.26	3.77	3.70	2.88	2.86	2.24	2.30	2.36	1.69
NC_307	0.58	0.82	0.99	1.09	1.13	1.21	1.39	1.42	**1.48**	1.17	1.12	0.98	0.84	0.87	0.61	0.59	0.44	0.46	0.46	0.32
NC_308	5.52	8.19	10.47	12.38	13.81	16.66	18.46	18.55	**18.89**	15.63	16.28	14.32	12.60	12.08	9.70	9.58	7.42	7.62	7.72	5.32
NC_309	0.44	0.67	0.82	0.91	0.92	0.98	1.12	1.19	**1.24**	0.97	0.90	0.80	0.68	0.70	0.49	0.48	0.36	0.37	0.38	0.25
NC_310	2.95	3.90	4.58	4.94	5.12	5.99	6.75	7.67	**8.04**	7.06	6.92	6.70	6.22	6.05	4.90	5.12	4.44	4.57	4.64	3.33
NC_311	1.36	1.70	1.94	2.07	1.96	1.82	2.06	2.14	**2.16**	1.62	1.38	1.12	0.96	0.97	0.66	0.63	0.48	0.49	0.50	0.35
NC_312	0.95	1.13	1.13	**1.34**	1.25	1.02	1.19	1.26	1.12	0.80	0.69	0.52	0.45	0.45	0.30	0.29	0.22	0.23	0.23	0.16
NC_313	4.52	6.57	8.27	9.65	10.56	12.28	13.55	13.53	**13.72**	11.15	11.44	9.93	8.68	8.47	6.57	6.48	5.03	5.16	5.23	3.63
NC_314	0.34	0.40	0.50	0.59	0.54	0.47	0.59	**0.68**	0.63	0.48	0.42	0.35	0.30	0.31	0.21	0.20	0.15	0.16	0.16	0.11
NC_315	1.56	1.79	1.92	**2.17**	2.03	1.72	1.95	2.06	1.91	1.37	1.17	0.89	0.77	0.77	0.52	0.50	0.38	0.39	0.39	0.28
NC_316	1.40	2.22	2.92	3.52	3.97	5.00	5.58	5.65	**5.83**	4.89	5.22	4.67	4.16	4.12	3.22	3.19	2.48	2.55	2.62	1.87
NC_317	0.48	0.60	0.56	**0.70**	0.65	0.51	0.63	0.67	0.59	0.40	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_318	37.53	53.61	68.21	81.26	92.18	118.05	137.96	158.51	171.76	**171.79**	165.55	171.42	168.55	140.87	122.88	154.24	133.62	147.25	155.21	109.45
NC_319	0.52	0.66	0.61	**0.75**	0.69	0.55	0.66	0.70	0.62	0.41	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_320	1.42	2.26	2.98	3.59	4.06	5.16	5.76	5.85	**6.05**	5.11	5.42	4.87	4.35	4.36	3.38	3.35	2.60	2.68	2.74	1.95
NC_321	0.57	0.72	0.67	**0.83**	0.77	0.60	0.74	0.79	0.70	0.47	0.41	0.31	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.10
NC_322	0.25	0.30	0.37	0.44	0.40	0.35	0.44	**0.50**	0.46	0.34	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_323	1.08	1.33	1.32	**1.58**	1.47	1.20	1.46	1.58	1.37	1.02	0.89	0.70	0.60	0.61	0.42	0.40	0.31	0.31	0.32	0.22
NC_324	2.85	4.38	5.58	6.33	6.93	8.30	9.11	9.09	**9.17**	7.79	8.76	7.56	6.70	7.02	5.32	5.22	4.02	4.13	4.21	2.96
NC_325	6.07	8.23	9.65	10.91	11.95	14.52	16.53	18.76	19.54	**20.18**	19.70	19.88	19.13	16.88	14.66	17.76	16.28	17.20	19.80	13.94
NC_326	2.67	4.18	5.45	6.42	7.07	8.58	9.46	9.46	**9.64**	8.24	9.04	7.98	7.10	7.24	5.59	5.52	4.29	4.41	4.50	3.16
NC_327	0.35	0.44	0.55	0.62	0.57	0.60	0.68	**0.79**	0.78	0.60	0.54	0.47	0.40	0.41	0.29	0.28	0.21	0.21	0.22	0.15
NC_328	0.47	0.59	0.56	**0.69**	0.64	0.51	0.62	0.66	0.59	0.40	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_329	0.54	0.68	0.64	**0.79**	0.74	0.58	0.72	0.76	0.68	0.47	0.40	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_330	0.47	0.60	0.56	**0.69**	0.64	0.50	0.62	0.66	0.59	0.40	0.34	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_331	4.66	6.79	8.57	10.03	11.02	12.97	14.38	14.43	**14.66**	12.02	12.24	10.76	9.44	9.05	7.22	7.11	5.50	5.64	5.72	3.96
NC_332	1.56	1.81	1.94	**2.21**	2.07	1.75	2.02	2.17	2.00	1.47	1.27	1.00	0.86	0.87	0.59	0.57	0.44	0.45	0.45	0.32
NC_333	2.73	3.66	4.28	4.60	4.41	4.30	4.95	5.07	**5.16**	3.95	3.48	2.92	2.50	2.54	1.76	1.69	1.29	1.32	1.34	0.93
NC_334	0.49	0.62	0.58	**0.72**	0.67	0.52	0.65	0.70	0.62	0.43	0.37	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_335	0.21	0.26	0.34	0.39	0.36	0.32	0.40	**0.46**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.10	0.07
NC_336	0.22	0.27	0.35	0.40	0.36	0.32	0.41	**0.47**	0.44	0.33	0.29	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_337	0.63	0.79	0.73	**0.90**	0.84	0.66	0.81	0.86	0.76	0.52	0.45	0.34	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.10
NC_338	0.24	0.30	0.39	0.44	0.41	0.37	0.46	**0.53**	0.51	0.38	0.33	0.28	0.24	0.24	0.17	0.16	0.12	0.12	0.13	0.08
NC_339	0.97	1.16	1.30	**1.41**	1.32	1.19	1.33	1.39	1.37	0.99	0.85	0.67	0.58	0.58	0.39	0.38	0.29	0.29	0.30	0.21
NC_340	0.32	0.40	0.43	0.52	0.49	0.40	0.50	**0.56**	0.49	0.36	0.31	0.25	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.08
NC_341	6.06	8.20	9.64	10.89	11.93	14.51	16.49	18.80	19.55	**20.26**	19.81	19.97	19.22	16.89	14.74	17.87	16.40	17.33	19.97	14.06
NC_342	2.86	3.27	3.63	**4.00**	3.74	3.27	3.65	3.86	3.69	2.67	2.29	1.76	1.52	1.53	1.03	0.99	0.76	0.78	0.79	0.55
NC_343	0.47	0.63	0.78	0.86	0.80	0.76	0.93	**1.05**	1.04	0.79	0.69	0.58	0.50	0.51	0.35	0.34	0.25	0.26	0.26	0.18
NC_344	0.97	1.16	1.18	**1.39**	1.29	1.06	1.25	1.34	1.19	0.86	0.74	0.56	0.48	0.48	0.33	0.31	0.24	0.25	0.25	0.17
NC_345	0.21	0.27	0.34	0.39	0.36	0.32	0.40	**0.46**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.14	0.10	0.10	0.11	0.07
NC_346	2.76	3.22	3.49	**3.90**	3.65	3.14	3.55	3.74	3.53	2.53	2.17	1.66	1.43	1.44	0.97	0.93	0.71	0.73	0.74	0.52
NC_347	0.51	0.65	0.60	**0.73**	0.68	0.53	0.65	0.69	0.62	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_348	0.27	0.42	0.52	0.58	0.59	0.63	0.72	0.75	**0.79**	0.61	0.57	0.50	0.43	0.44	0.31	0.29	0.22	0.23	0.23	0.16
NC_349	0.40	0.56	0.69	0.77	0.83	0.90	1.03	1.02	**1.08**	0.85	0.88	0.76	0.64	0.67	0.48	0.46	0.35	0.36	0.37	0.25
NC_350	2.72	4.26	5.57	6.61	7.33	8.98	9.94	9.99	**10.26**	8.81	9.50	8.53	7.65	7.65	5.98	5.94	4.65	4.78	4.88	3.42
NC_351	0.30	0.41	0.51	0.56	0.55	0.59	0.67	0.74	**0.75**	0.58	0.53	0.46	0.40	0.41	0.28	0.27	0.20	0.21	0.21	0.14
NC_352	0.45	0.63	0.79	0.93	0.99	1.11	1.24	1.25	**1.30**	1.00	1.12	0.96	0.81	0.86	0.63	0.61	0.46	0.48	0.48	0.33
NC_353	0.85	0.98	1.09	1.23	1.15	0.99	1.16	**1.26**	1.16	0.87	0.74	0.59	0.51	0.51	0.35	0.34	0.26	0.26	0.27	0.19
NC_354	5.51	8.18	10.45	12.35	13.77	16.59	18.34	18.40	**18.71**	15.44	16.14	14.15	12.43	12.02	9.55	9.44	7.31	7.50	7.61	5.24
NC_355	37.53	53.62	68.21	81.27	92.19	118.07	137.97	158.52	**171.77**	171.75	165.49	171.35	168.49	140.83	122.80	154.18	133.56	147.17	155.09	109.37
NC_356	2.66	3.72	4.56	5.45	6.25	8.44	9.87	10.55	**10.90**	9.94	9.65	9.39	8.39	8.24	6.85	7.12	5.83	5.97	6.08	4.26
NC_357	0.56	0.70	0.65	**0.80**	0.74	0.58	0.70	0.75	0.67	0.45	0.38	0.28	0.25	0.25	0.17	0.16	0.12	0.12	0.13	0.09
NC_358	1.74	2.79	3.63	4.19	4.30	4.61	5.31	5.45	**5.68**	4.34	4.29	3.64	3.13	3.28	2.30	2.22	1.68	1.73	1.75	1.19
NC_359	0.98	1.15	1.22	**1.39**	1.30	1.09	1.25	1.33	1.23	0.87	0.75	0.57	0.49	0.49	0.33	0.32	0.24	0.25	0.25	0.18
NC_360	0.42	0.63	0.76	0.84	0.79	0.83	0.97	1.07	**1.10**	0.84	0.74	0.64	0.55	0.56	0.39	0.37	0.28	0.29	0.29	0.20
NC_361	0.80	0.97	1.17	1.27	1.19	1.25	1.40	1.55	**1.57**	1.22	1.10	0.97	0.82	0.85	0.59	0.57	0.43	0.44	0.45	0.31
NC_362	37.54	53.63	68.22	81.29	92.20	118.08	137.98	158.53	**171.76**	171.73	165.42	171.25	168.41	140.79	122.71	154.12	133.50	147.07	154.97	109.29
NC_363	0.25	0.30	0.39	0.45	0.42	0.37	0.46	**0.53**	0.50	0.38	0.33	0.27	0.23	0.24	0.16	0.15	0.12	0.12	0.12	0.08

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_364	0.48	0.61	0.57	**0.71**	0.65	0.51	0.63	0.67	0.60	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_365	0.32	0.51	0.68	0.80	0.84	0.93	1.05	1.05	**1.11**	0.85	0.90	0.77	0.66	0.69	0.49	0.48	0.36	0.37	0.38	0.26
NC_366	0.71	0.89	0.85	**1.04**	0.96	0.76	0.93	1.00	0.88	0.62	0.54	0.41	0.35	0.35	0.24	0.23	0.17	0.18	0.18	0.13
NC_367	0.30	0.46	0.56	0.63	0.64	0.68	0.78	0.81	**0.85**	0.66	0.62	0.54	0.46	0.48	0.33	0.32	0.24	0.25	0.25	0.17
NC_368	2.01	3.13	3.96	4.42	4.30	4.48	5.26	5.57	**5.77**	4.38	4.08	3.49	2.99	3.14	2.17	2.09	1.57	1.61	1.64	1.11
NC_369	0.23	0.29	0.37	0.43	0.39	0.35	0.44	**0.51**	0.48	0.36	0.31	0.26	0.22	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_370	0.48	0.61	0.57	**0.71**	0.66	0.51	0.64	0.68	0.61	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_371	0.97	1.45	1.77	1.97	1.85	1.89	2.24	2.45	**2.50**	1.88	1.70	1.45	1.24	1.28	0.88	0.84	0.63	0.65	0.66	0.45
NC_372	37.55	53.63	68.23	81.30	92.21	118.09	137.99	158.54	**171.77**	171.70	165.37	171.22	168.39	140.75	122.62	154.07	133.44	146.99	154.85	109.21
NC_373	0.50	0.63	0.59	**0.72**	0.67	0.52	0.64	0.68	0.61	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_374	0.41	0.55	0.69	0.76	0.70	0.74	0.84	**0.98**	0.97	0.75	0.68	0.61	0.52	0.54	0.38	0.37	0.28	0.29	0.29	0.20
NC_375	1.84	2.79	3.59	4.22	4.62	5.41	5.99	6.00	**6.11**	5.17	5.63	5.12	4.79	4.72	3.64	3.77	3.13	3.25	3.33	2.29
NC_376	0.55	0.70	0.65	**0.80**	0.75	0.58	0.72	0.76	0.68	0.46	0.40	0.30	0.26	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_377	3.22	4.97	6.46	7.67	8.46	10.22	11.32	11.35	**11.62**	10.00	10.83	9.72	8.72	8.79	6.81	6.79	5.34	5.49	5.59	3.92
NC_378	0.28	0.34	0.40	0.48	0.44	0.37	0.47	**0.53**	0.48	0.36	0.31	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_379	0.58	0.74	0.68	**0.83**	0.77	0.61	0.73	0.77	0.69	0.46	0.40	0.29	0.25	0.25	0.17	0.16	0.13	0.13	0.13	0.09
NC_380	1.94	3.00	3.77	4.18	4.02	4.21	4.93	5.27	**5.44**	4.13	3.82	3.28	2.80	2.93	2.03	1.95	1.47	1.51	1.53	1.04
NC_381	2.70	3.81	4.70	5.50	6.27	8.48	9.95	10.68	**11.06**	10.11	9.80	9.57	8.57	8.49	7.05	7.30	5.97	6.12	6.23	4.37
NC_382	0.43	0.54	0.53	**0.65**	0.60	0.48	0.59	0.63	0.56	0.39	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_383	0.68	0.80	0.99	1.13	1.04	0.92	1.13	**1.29**	1.22	0.92	0.80	0.66	0.56	0.57	0.39	0.38	0.29	0.29	0.30	0.20
NC_384	0.28	0.35	0.45	0.51	0.47	0.42	0.53	**0.61**	0.58	0.44	0.39	0.33	0.28	0.28	0.19	0.19	0.14	0.14	0.15	0.10
NC_385	9.06	12.39	15.08	17.08	18.13	20.87	22.94	26.32	**28.28**	27.47	26.11	28.22	27.57	24.90	19.70	22.39	19.48	20.13	20.52	14.30
NC_386	0.54	0.69	0.64	**0.76**	0.71	0.57	0.66	0.70	0.63	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_387	0.41	0.51	0.54	0.66	0.61	0.50	0.63	**0.69**	0.60	0.45	0.39	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_388	0.34	0.45	0.57	0.63	0.58	0.59	0.68	**0.80**	0.79	0.60	0.54	0.47	0.40	0.42	0.29	0.28	0.21	0.22	0.22	0.15
NC_389	1.16	1.69	2.05	2.26	2.21	2.37	2.70	2.89	**2.97**	2.30	2.21	1.93	1.64	1.74	1.22	1.17	0.89	0.91	0.93	0.63
NC_390	0.25	0.33	0.41	0.47	0.43	0.40	0.49	**0.57**	0.55	0.42	0.36	0.31	0.26	0.27	0.18	0.18	0.13	0.14	0.14	0.09
NC_391	1.49	1.77	1.88	**2.17**	2.02	1.70	2.01	2.15	1.95	1.42	1.23	0.95	0.82	0.82	0.55	0.53	0.40	0.41	0.42	0.29
NC_392	0.23	0.30	0.38	0.43	0.40	0.37	0.45	**0.52**	0.50	0.38	0.33	0.28	0.24	0.24	0.17	0.16	0.12	0.12	0.12	0.08
NC_393	1.60	1.91	1.86	**2.19**	2.05	1.66	1.91	2.01	1.81	1.26	1.08	0.80	0.69	0.69	0.47	0.45	0.35	0.35	0.36	0.25
NC_394	37.81	53.94	68.65	81.77	92.72	118.66	138.57	158.98	**171.96**	170.99	164.24	170.10	167.66	140.26	121.18	152.76	132.49	144.62	152.53	107.53
NC_395	0.47	0.59	0.55	**0.68**	0.63	0.49	0.61	0.66	0.58	0.40	0.34	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_396	0.90	1.41	1.76	1.95	1.90	2.01	2.32	2.49	**2.58**	1.97	1.83	1.60	1.36	1.42	0.99	0.96	0.72	0.74	0.76	0.51
NC_397	1.88	2.24	2.51	2.69	2.76	2.88	**3.01**	3.00	2.99	2.63	2.61	2.32	2.07	2.14	1.69	1.65	1.29	1.32	1.34	0.94
NC_398	0.22	0.27	0.35	0.40	0.37	0.33	0.41	**0.47**	0.44	0.33	0.29	0.24	0.21	0.21	0.14	0.14	0.10	0.10	0.11	0.07
NC_399	37.55	53.64	68.24	81.31	92.22	118.11	138.01	158.55	**171.77**	171.65	165.31	171.19	168.39	140.71	122.54	154.02	133.39	146.91	154.75	109.14
NC_400	0.53	0.67	0.63	**0.75**	0.70	0.56	0.66	0.69	0.62	0.41	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_401	3.79	4.98	6.04	6.72	7.06	8.94	10.49	11.30	**11.81**	10.89	10.67	10.46	9.46	9.57	7.89	8.11	6.58	6.75	6.87	4.82
NC_402	1.24	1.44	1.51	**1.73**	1.61	1.35	1.54	1.63	1.49	1.08	0.93	0.71	0.61	0.61	0.42	0.40	0.30	0.31	0.32	0.22
NC_403	37.66	53.76	68.40	81.49	92.41	118.32	138.22	158.69	**171.75**	171.10	164.49	170.38	167.78	140.30	121.47	153.22	132.73	145.41	153.12	108.03
NC_404	37.56	53.65	68.25	81.32	92.23	118.12	138.02	158.56	**171.78**	171.63	165.26	171.15	168.38	140.67	122.46	153.97	133.34	146.83	154.64	109.07
NC_405	0.25	0.29	0.37	0.43	0.40	0.34	0.43	**0.49**	0.45	0.34	0.29	0.24	0.20	0.21	0.14	0.14	0.10	0.10	0.11	0.07
NC_406	2.39	2.82	2.87	**3.31**	3.09	2.57	2.95	3.09	2.83	2.00	1.71	1.28	1.11	1.11	0.75	0.72	0.55	0.56	0.57	0.40
NC_407	0.48	0.61	0.57	**0.71**	0.66	0.51	0.64	0.68	0.61	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_408	1.05	1.48	1.79	1.96	1.94	2.09	2.37	2.54	**2.60**	2.02	1.95	1.70	1.45	1.52	1.07	1.03	0.78	0.80	0.81	0.56
NC_409	0.59	0.75	0.69	**0.84**	0.78	0.62	0.74	0.79	0.70	0.47	0.40	0.30	0.26	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_410	0.88	1.04	1.13	1.32	1.22	1.03	1.23	**1.35**	1.22	0.90	0.78	0.61	0.53	0.53	0.36	0.35	0.26	0.27	0.27	0.19
NC_411	1.73	1.96	2.17	**2.39**	2.24	1.96	2.16	2.27	2.16	1.56	1.34	1.03	0.89	0.89	0.60	0.58	0.44	0.45	0.46	0.32
NC_412	0.97	1.16	1.22	1.43	1.33	1.10	1.32	**1.43**	1.28	0.94	0.81	0.63	0.54	0.55	0.37	0.36	0.27	0.28	0.28	0.20
NC_413	0.56	0.71	0.66	**0.80**	0.75	0.59	0.71	0.75	0.67	0.45	0.39	0.29	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_414	0.48	0.60	0.56	**0.69**	0.65	0.50	0.62	0.66	0.59	0.40	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_415	0.69	0.87	0.81	**0.98**	0.91	0.72	0.86	0.91	0.81	0.55	0.47	0.35	0.30	0.30	0.20	0.20	0.15	0.15	0.16	0.11
NC_416	0.67	0.84	0.78	**0.95**	0.89	0.69	0.85	0.90	0.80	0.54	0.47	0.35	0.30	0.30	0.20	0.20	0.15	0.15	0.16	0.11
NC_417	0.98	1.13	1.37	1.51	1.42	1.52	1.69	**1.83**	1.81	1.45	1.35	1.19	1.01	1.05	0.74	0.72	0.55	0.56	0.57	0.39
NC_418	0.62	0.78	0.73	**0.87**	0.80	0.65	0.76	0.79	0.71	0.47	0.40	0.30	0.26	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_419	2.01	2.49	2.81	3.00	2.84	2.62	2.92	3.00	**3.02**	2.25	1.90	1.52	1.32	1.32	0.90	0.86	0.66	0.67	0.68	0.48
NC_420	0.52	0.65	0.60	**0.74**	0.69	0.54	0.65	0.69	0.62	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_421	0.42	0.65	0.85	0.98	1.03	1.14	1.28	1.28	**1.34**	1.04	1.10	0.94	0.80	0.84	0.61	0.59	0.45	0.46	0.46	0.32
NC_422	37.83	53.95	68.66	81.78	92.72	118.64	138.53	158.79	**171.47**	169.69	162.58	168.63	166.35	139.64	119.61	151.07	131.02	142.28	149.81	105.68
NC_423	0.52	0.66	0.61	**0.75**	0.70	0.54	0.67	0.72	0.64	0.43	0.37	0.28	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_424	1.61	2.46	3.12	3.48	3.46	3.56	4.14	4.26	**4.45**	3.38	3.14	2.66	2.27	2.37	1.62	1.56	1.17	1.20	1.22	0.83
NC_425	0.38	0.55	0.67	0.75	0.70	0.69	0.83	0.93	**0.94**	0.71	0.62	0.53	0.45	0.46	0.31	0.30	0.23	0.23	0.24	0.16
NC_426	0.50	0.63	0.58	**0.73**	0.67	0.52	0.65	0.69	0.61	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_427	2.50	2.86	3.12	**3.42**	3.21	2.80	3.08	3.21	3.07	2.20	1.88	1.43	1.24	1.24	0.84	0.80	0.61	0.63	0.64	0.45
NC_428	0.69	0.79	0.88	1.00	0.94	0.81	0.94	**1.00**	0.92	0.68	0.58	0.45	0.39	0.39	0.27	0.26	0.20	0.20	0.20	0.14
NC_429	0.49	0.62	0.57	**0.71**	0.66	0.51	0.63	0.67	0.60	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_430	0.81	1.02	0.96	**1.11**	1.03	0.85	0.96	0.99	0.90	0.58	0.50	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_431	0.30	0.37	0.42	0.50	0.46	0.39	0.49	**0.55**	0.49	0.37	0.32	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_432	2.13	2.43	2.75	**2.95**	2.77	2.49	2.70	2.80	2.75	2.00	1.70	1.32	1.14	1.15	0.78	0.75	0.57	0.58	0.59	0.42
NC_433	1.33	1.63	1.90	2.03	1.91	1.78	2.04	2.16	**2.17**	1.64	1.38	1.13	0.97	0.98	0.67	0.64	0.49	0.50	0.51	0.36
NC_434	0.21	0.26	0.34	0.38	0.35	0.32	0.40	**0.46**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.11	0.07
NC_435	0.58	0.74	0.69	**0.81**	0.76	0.61	0.71	0.74	0.67	0.44	0.38	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_436	1.66	2.22	2.64	2.83	2.77	2.74	3.07	3.07	**3.14**	2.43	2.14	1.80	1.54	1.58	1.09	1.04	0.80	0.82	0.83	0.58

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_437	37.92	54.06	68.81	81.95	92.90	118.85	138.75	158.98	**171.64**	169.75	162.60	168.63	166.38	139.61	119.73	150.86	130.92	142.24	149.66	105.58
NC_438	1.06	1.28	1.23	**1.46**	1.36	1.09	1.27	1.33	1.19	0.83	0.71	0.53	0.46	0.46	0.31	0.30	0.23	0.23	0.24	0.17
NC_439	0.21	0.26	0.34	0.38	0.35	0.32	0.40	**0.46**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.11	0.07
NC_440	1.93	2.36	2.75	2.95	2.78	2.86	3.21	3.44	**3.49**	2.73	2.53	2.23	1.90	1.98	1.40	1.35	1.03	1.06	1.07	0.75
NC_441	0.70	0.82	0.98	1.10	1.02	0.89	1.07	**1.19**	1.12	0.83	0.72	0.57	0.49	0.50	0.34	0.32	0.24	0.25	0.25	0.18
NC_442	0.46	0.57	0.57	0.70	0.65	0.52	0.65	**0.71**	0.62	0.45	0.39	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_443	6.91	9.13	10.65	11.47	11.24	11.67	13.13	13.43	**13.79**	12.83	13.37	12.58	11.55	12.06	9.69	9.95	8.03	8.24	8.39	5.88
NC_444	0.75	0.87	0.97	1.10	1.03	0.89	1.03	**1.11**	1.03	0.77	0.65	0.52	0.45	0.45	0.31	0.29	0.22	0.23	0.23	0.16
NC_445	0.25	0.31	0.40	0.46	0.42	0.38	0.47	**0.55**	0.52	0.39	0.34	0.29	0.24	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_446	1.54	1.77	1.82	**2.07**	1.94	1.62	1.81	1.88	1.73	1.23	1.05	0.78	0.68	0.68	0.46	0.44	0.34	0.35	0.35	0.25
NC_447	1.05	1.22	1.32	**1.51**	1.41	1.19	1.39	1.49	1.36	0.99	0.86	0.66	0.57	0.57	0.39	0.37	0.28	0.29	0.29	0.21
NC_448	0.98	1.56	2.01	2.24	2.25	2.39	2.76	2.89	**3.01**	2.30	2.21	1.92	1.63	1.70	1.20	1.15	0.87	0.90	0.91	0.62
NC_449	1.73	2.33	2.70	2.90	2.77	2.73	3.13	3.21	**3.27**	2.54	2.21	1.87	1.60	1.62	1.12	1.08	0.82	0.84	0.85	0.60
NC_450	1.40	2.12	2.66	2.95	2.89	2.96	3.46	3.58	**3.72**	2.82	2.60	2.20	1.88	1.95	1.34	1.28	0.97	0.99	1.01	0.69
NC_451	1.31	1.97	2.44	2.69	2.60	2.65	3.11	3.24	**3.36**	2.55	2.32	1.97	1.69	1.73	1.19	1.14	0.86	0.88	0.89	0.61
NC_452	1.01	1.65	2.16	2.59	2.95	3.80	4.40	4.99	5.25	5.20	4.93	5.25	**5.43**	4.69	3.79	4.63	4.11	4.35	4.60	3.44
NC_453	0.81	0.98	1.02	1.19	1.11	0.93	1.13	**1.24**	1.12	0.85	0.73	0.60	0.51	0.52	0.36	0.34	0.26	0.27	0.27	0.19
NC_454	0.45	0.62	0.74	0.82	0.86	0.92	1.05	1.07	**1.11**	0.88	0.85	0.74	0.63	0.65	0.46	0.44	0.34	0.35	0.35	0.24
NC_455	0.65	1.02	1.28	1.42	1.41	1.50	1.72	1.83	**1.90**	1.46	1.37	1.20	1.02	1.06	0.74	0.71	0.54	0.55	0.56	0.38
NC_456	1.27	1.52	1.45	**1.71**	1.60	1.29	1.48	1.54	1.37	0.95	0.82	0.60	0.52	0.52	0.35	0.34	0.26	0.27	0.27	0.19
NC_457	37.98	54.12	68.90	82.05	93.01	118.98	138.89	159.11	**171.75**	169.79	162.61	168.63	166.41	139.78	119.71	150.77	130.82	142.13	149.55	105.51
NC_458	14.67	20.17	24.74	28.48	31.28	37.44	41.03	45.98	49.35	49.43	47.79	**49.44**	48.64	43.96	35.64	41.61	38.34	39.92	43.14	30.23
NC_459	0.56	0.72	0.67	**0.79**	0.73	0.60	0.68	0.71	0.64	0.42	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_460	0.56	0.71	0.67	**0.79**	0.73	0.59	0.69	0.72	0.65	0.42	0.37	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_461	1.53	1.78	2.05	2.15	2.03	1.90	2.07	**2.18**	2.14	1.62	1.35	1.09	0.94	0.95	0.65	0.62	0.48	0.49	0.49	0.35
NC_462	1.44	1.71	1.77	**2.04**	1.91	1.59	1.84	1.95	1.78	1.28	1.10	0.83	0.71	0.72	0.48	0.46	0.35	0.36	0.37	0.26
NC_463	1.75	2.00	2.10	**2.36**	2.21	1.88	2.09	2.18	2.02	1.45	1.24	0.94	0.81	0.81	0.55	0.53	0.40	0.41	0.42	0.30
NC_464	0.29	0.36	0.41	0.49	0.45	0.38	0.48	**0.53**	0.47	0.35	0.31	0.25	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_465	1.25	1.49	1.49	**1.74**	1.63	1.33	1.55	1.64	1.45	1.04	0.90	0.67	0.58	0.58	0.39	0.38	0.29	0.30	0.30	0.21
NC_466	8.85	11.72	14.04	16.52	19.44	26.06	30.18	30.91	**31.71**	25.83	27.30	25.23	23.51	23.65	16.30	17.79	14.03	14.35	14.58	10.49
NC_467	0.21	0.26	0.34	0.39	0.35	0.32	0.40	**0.46**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.11	0.07
NC_468	0.70	0.87	0.82	**1.00**	0.93	0.73	0.90	0.96	0.85	0.59	0.51	0.38	0.33	0.33	0.22	0.22	0.16	0.17	0.17	0.12
NC_469	1.06	1.27	1.50	1.60	1.50	1.39	1.59	**1.69**	1.68	1.26	1.07	0.88	0.75	0.76	0.52	0.50	0.38	0.39	0.40	0.28
NC_470	1.59	2.19	2.65	2.88	2.92	3.08	3.45	3.48	**3.60**	2.81	2.81	2.41	2.06	2.16	1.56	1.51	1.16	1.19	1.20	0.84
NC_471	0.56	0.72	0.67	**0.79**	0.73	0.59	0.69	0.72	0.65	0.42	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_472	0.38	0.49	0.60	0.66	0.62	0.62	0.72	**0.82**	0.81	0.63	0.55	0.47	0.40	0.41	0.28	0.27	0.21	0.21	0.21	0.15
NC_473	0.58	0.74	0.69	**0.83**	0.77	0.61	0.73	0.77	0.69	0.46	0.40	0.29	0.25	0.25	0.17	0.16	0.13	0.13	0.13	0.09
NC_474	0.21	0.26	0.34	0.38	0.35	0.32	0.40	**0.46**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.11	0.07
NC_475	0.58	0.74	0.70	**0.80**	0.74	0.61	0.69	0.72	0.65	0.41	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_476	0.35	0.43	0.46	0.55	0.51	0.42	0.53	**0.58**	0.50	0.37	0.32	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_477	0.48	0.60	0.56	**0.70**	0.65	0.51	0.63	0.67	0.60	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_478	1.10	1.32	1.26	**1.49**	1.39	1.12	1.29	1.34	1.20	0.83	0.71	0.52	0.45	0.45	0.31	0.29	0.23	0.23	0.23	0.17
NC_479	1.77	2.02	2.06	**2.33**	2.19	1.84	2.02	2.08	1.92	1.36	1.16	0.86	0.75	0.75	0.51	0.49	0.37	0.38	0.39	0.27
NC_480	0.97	1.21	1.14	**1.32**	1.23	1.01	1.14	1.18	1.06	0.70	0.60	0.44	0.38	0.38	0.26	0.25	0.19	0.20	0.20	0.14
NC_481	0.30	0.46	0.57	0.63	0.64	0.69	0.79	0.83	**0.86**	0.68	0.64	0.56	0.48	0.50	0.35	0.34	0.25	0.26	0.26	0.18
NC_482	1.19	1.43	1.36	**1.62**	1.51	1.21	1.41	1.47	1.30	0.91	0.78	0.58	0.50	0.50	0.34	0.32	0.25	0.25	0.26	0.18
NC_483	9.10	12.18	14.69	16.65	19.39	26.07	30.56	31.58	**32.42**	26.92	27.80	26.34	24.68	24.34	16.56	18.78	14.87	15.23	15.46	11.11
NC_484	1.57	2.20	2.66	2.99	3.19	3.99	4.66	4.82	**4.96**	4.47	4.43	4.26	3.60	3.28	2.76	2.97	2.60	2.68	2.72	1.91
NC_485	2.70	3.69	4.44	4.92	4.98	5.19	5.81	5.86	**6.01**	4.71	5.02	4.41	3.86	3.95	2.98	3.02	2.40	2.46	2.49	1.73
NC_486	0.66	0.83	0.77	**0.95**	0.88	0.69	0.85	0.90	0.80	0.54	0.47	0.35	0.30	0.30	0.21	0.20	0.15	0.15	0.16	0.11
NC_487	0.70	0.89	0.85	**0.94**	0.88	0.74	0.81	0.84	0.76	0.48	0.42	0.30	0.26	0.26	0.18	0.17	0.13	0.14	0.14	0.10
NC_488	1.02	1.67	2.19	2.63	2.99	3.85	4.48	5.20	5.54	5.59	5.35	5.61	**5.80**	4.91	4.01	5.08	4.46	4.76	5.13	3.81
NC_489	0.73	0.91	0.85	**1.05**	0.97	0.77	0.94	1.00	0.88	0.61	0.53	0.40	0.34	0.34	0.23	0.22	0.17	0.17	0.18	0.12
NC_490	0.70	0.89	0.84	**0.95**	0.89	0.74	0.82	0.85	0.77	0.49	0.43	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_491	0.72	0.92	0.87	**0.98**	0.91	0.76	0.84	0.87	0.78	0.50	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_492	8.69	12.42	15.46	17.88	19.56	23.46	26.47	26.97	**27.76**	24.07	24.96	23.53	21.18	20.16	16.09	16.66	13.72	14.10	14.33	9.97
NC_493	1.01	1.21	1.20	**1.42**	1.32	1.08	1.26	1.33	1.18	0.84	0.72	0.54	0.46	0.46	0.31	0.30	0.23	0.24	0.24	0.17
NC_494	1.07	1.29	1.24	**1.47**	1.37	1.10	1.28	1.34	1.19	0.83	0.71	0.53	0.46	0.45	0.31	0.30	0.23	0.23	0.23	0.17
NC_495	0.44	0.55	0.54	**0.66**	0.61	0.48	0.60	0.65	0.57	0.40	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_496	0.54	0.69	0.65	**0.76**	0.71	0.57	0.67	0.70	0.63	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_497	0.27	0.44	0.55	0.62	0.63	0.68	0.78	0.80	**0.84**	0.65	0.62	0.55	0.46	0.48	0.34	0.32	0.25	0.25	0.26	0.17
NC_498	0.68	0.85	0.79	**0.96**	0.89	0.70	0.85	0.90	0.80	0.54	0.47	0.35	0.30	0.30	0.20	0.20	0.15	0.15	0.16	0.11
NC_499	14.66	20.16	24.74	28.49	31.33	37.59	41.27	46.01	49.44	49.63	48.01	**49.64**	48.82	44.28	35.99	41.84	38.60	40.18	43.40	30.41
NC_500	0.90	1.29	1.53	1.69	1.59	1.53	1.86	1.97	**2.02**	1.52	1.34	1.13	0.97	0.98	0.67	0.64	0.48	0.50	0.50	0.34
NC_501	1.77	2.02	2.09	**2.36**	2.22	1.87	2.06	2.14	1.96	1.40	1.20	0.89	0.77	0.77	0.52	0.50	0.38	0.39	0.40	0.28
NC_502	38.03	54.19	68.99	82.15	93.12	119.11	139.03	159.23	**171.86**	169.82	162.62	168.64	166.36	139.79	119.61	150.99	130.69	142.03	149.45	105.44
NC_503	1.29	1.55	1.47	**1.69**	1.58	1.31	1.43	1.47	1.32	0.90	0.77	0.57	0.49	0.49	0.33	0.32	0.25	0.25	0.25	0.18
NC_504	0.77	1.00	1.20	1.33	1.24	1.14	1.38	**1.50**	1.49	1.10	0.96	0.78	0.67	0.68	0.46	0.44	0.33	0.34	0.35	0.24
NC_505	0.73	0.87	0.94	1.08	1.01	0.86	1.03	**1.13**	1.03	0.78	0.67	0.55	0.47	0.48	0.33	0.31	0.24	0.24	0.25	0.17
NC_506	1.60	2.24	2.69	3.00	3.19	4.06	4.63	4.73	**4.86**	4.37	4.41	4.12	3.49	3.25	2.69	2.87	2.49	2.57	2.61	1.83
NC_507	2.66	3.04	3.09	**3.48**	3.26	2.75	2.98	3.07	2.84	2.00	1.72	1.27	1.10	1.10	0.74	0.71	0.55	0.56	0.57	0.41
NC_508	0.51	0.62	0.76	0.83	0.77	0.71	0.84	**0.94**	0.92	0.70	0.60	0.50	0.43	0.43	0.30	0.29	0.22	0.22	0.23	0.16
NC_509	0.36	0.54	0.65	0.72	0.68	0.69	0.82	0.91	**0.92**	0.70	0.61	0.52	0.44	0.46	0.31	0.30	0.22	0.23	0.23	0.16

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_510	1.73	1.99	2.04	**2.32**	2.17	1.82	2.02	2.09	1.92	1.36	1.17	0.87	0.75	0.75	0.51	0.49	0.37	0.38	0.39	0.28
NC_511	1.06	1.27	1.22	**1.45**	1.35	1.09	1.26	1.32	1.18	0.82	0.70	0.52	0.45	0.45	0.30	0.29	0.22	0.23	0.23	0.16
NC_512	0.69	0.87	0.81	**0.98**	0.91	0.72	0.87	0.91	0.81	0.55	0.47	0.35	0.30	0.30	0.21	0.20	0.15	0.15	0.16	0.11
NC_513	1.54	1.79	1.78	**2.03**	1.90	1.58	1.75	1.80	1.65	1.15	0.99	0.73	0.63	0.63	0.43	0.41	0.32	0.32	0.33	0.23
NC_514	0.85	1.07	1.01	**1.15**	1.07	0.89	0.98	1.02	0.92	0.60	0.51	0.37	0.32	0.32	0.22	0.21	0.16	0.17	0.17	0.12
NC_515	0.49	0.78	0.96	1.07	1.02	1.07	1.25	1.35	**1.39**	1.05	0.95	0.81	0.69	0.72	0.49	0.47	0.35	0.36	0.37	0.25
NC_516	1.69	1.92	1.97	**2.21**	2.07	1.75	1.90	1.95	1.82	1.28	1.10	0.82	0.71	0.71	0.48	0.46	0.35	0.36	0.37	0.26
NC_517	0.26	0.33	0.42	0.48	0.44	0.41	0.50	**0.58**	0.56	0.43	0.38	0.32	0.27	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_518	2.18	2.46	2.64	**2.87**	2.70	2.36	2.52	2.57	2.47	1.76	1.50	1.12	0.97	0.97	0.66	0.63	0.48	0.50	0.50	0.36
NC_519	38.09	54.25	69.08	82.25	93.23	119.23	139.16	159.34	**171.94**	169.74	162.49	168.50	166.33	139.66	119.43	150.96	130.51	141.71	149.12	105.21
NC_520	14.63	20.13	24.71	28.47	31.32	37.60	41.35	46.00	49.47	49.71	48.10	**49.71**	48.90	44.31	36.14	41.93	38.71	40.29	43.51	30.50
NC_521	0.21	0.27	0.34	0.39	0.36	0.32	0.40	**0.47**	0.45	0.34	0.29	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_522	1.49	1.77	1.73	**2.03**	1.90	1.55	1.78	1.86	1.64	1.18	1.01	0.75	0.65	0.65	0.44	0.42	0.32	0.33	0.34	0.24
NC_523	1.23	1.47	1.40	**1.65**	1.54	1.25	1.42	1.47	1.31	0.91	0.78	0.57	0.50	0.49	0.33	0.32	0.25	0.25	0.26	0.18
NC_524	8.59	12.30	15.34	17.77	19.47	23.42	26.46	27.03	**27.81**	24.18	24.97	23.67	21.25	20.21	16.18	16.81	13.83	14.22	14.45	10.06
NC_525	0.46	0.69	0.83	0.91	0.92	0.96	1.08	1.11	**1.15**	0.91	0.83	0.72	0.61	0.63	0.44	0.42	0.32	0.33	0.33	0.23
NC_526	10.97	14.10	16.14	17.23	16.52	16.54	18.77	19.31	**19.74**	15.43	16.64	15.03	13.89	14.86	11.79	12.08	9.66	9.91	10.08	7.08
NC_527	0.46	0.70	0.90	1.05	1.09	1.18	1.33	1.32	**1.38**	1.07	1.08	0.93	0.78	0.82	0.59	0.56	0.43	0.44	0.45	0.31
NC_528	0.68	1.04	1.35	1.60	1.78	2.10	2.33	2.33	**2.37**	1.89	2.09	1.78	1.55	1.56	1.19	1.16	0.90	0.92	0.93	0.64
NC_529	0.67	1.03	1.34	1.60	1.79	2.19	2.44	2.44	**2.50**	2.06	2.21	1.93	1.70	1.68	1.31	1.28	1.00	1.03	1.05	0.72
NC_530	0.63	0.79	0.74	**0.89**	0.83	0.66	0.78	0.83	0.74	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_531	0.55	0.69	0.64	**0.79**	0.73	0.57	0.70	0.74	0.66	0.45	0.38	0.29	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_532	38.17	54.35	69.21	82.41	93.40	119.43	139.37	159.53	**172.08**	169.72	162.45	168.48	166.22	139.86	119.51	150.95	130.50	141.83	148.86	105.03
NC_533	0.58	0.74	0.69	**0.80**	0.74	0.61	0.69	0.72	0.65	0.42	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_534	0.68	1.04	1.33	1.53	1.61	1.78	1.99	1.99	**2.08**	1.62	1.68	1.43	1.22	1.27	0.92	0.89	0.68	0.69	0.70	0.48
NC_535	38.23	54.42	69.31	82.52	93.52	119.57	139.51	159.64	**172.11**	169.53	162.21	168.20	166.09	139.77	119.32	150.60	130.33	141.34	148.36	104.69
NC_536	0.67	1.04	1.34	1.58	1.73	1.95	2.16	2.16	**2.22**	1.75	1.89	1.59	1.37	1.41	1.05	1.02	0.78	0.80	0.81	0.56
NC_537	0.59	0.76	0.72	**0.81**	0.75	0.63	0.70	0.72	0.66	0.42	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_538	2.36	2.64	2.88	**3.13**	2.95	2.58	2.77	2.84	2.72	1.96	1.66	1.26	1.09	1.09	0.74	0.71	0.54	0.55	0.56	0.40
NC_539	8.49	12.18	15.21	17.64	19.35	23.33	26.43	27.05	**27.83**	24.27	24.96	23.75	21.33	20.14	16.13	16.88	13.92	14.33	14.56	10.13
NC_540	0.57	0.72	0.68	**0.79**	0.73	0.60	0.68	0.71	0.64	0.41	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_541	1.65	2.30	2.72	3.02	3.20	4.24	4.67	4.69	**4.81**	4.23	4.52	4.04	3.38	3.19	2.63	2.76	2.35	2.42	2.46	1.72
NC_542	0.56	0.72	0.67	**0.79**	0.73	0.59	0.68	0.72	0.65	0.42	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_543	2.69	3.05	3.40	**3.58**	3.39	3.06	3.21	3.25	3.22	2.32	1.96	1.49	1.30	1.30	0.88	0.84	0.65	0.66	0.67	0.48
NC_544	0.40	0.50	0.55	0.66	0.61	0.50	0.64	**0.71**	0.63	0.47	0.41	0.33	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.10
NC_545	0.59	0.68	0.84	0.94	0.87	0.78	0.94	**1.06**	1.02	0.78	0.67	0.56	0.48	0.49	0.34	0.33	0.25	0.25	0.26	0.18
NC_546	0.29	0.36	0.46	0.53	0.49	0.44	0.55	**0.64**	0.61	0.46	0.40	0.34	0.29	0.30	0.21	0.20	0.15	0.15	0.16	0.11
NC_547	0.24	0.29	0.36	0.42	0.39	0.34	0.43	**0.49**	0.45	0.34	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_548	0.67	0.77	0.77	**0.88**	0.83	0.69	0.75	0.77	0.71	0.50	0.43	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_549	0.46	0.59	0.55	**0.68**	0.63	0.49	0.61	0.65	0.58	0.39	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_550	0.59	0.69	0.84	0.96	0.89	0.77	0.94	**1.05**	0.98	0.73	0.63	0.50	0.43	0.44	0.30	0.29	0.22	0.22	0.22	0.15
NC_551	0.75	1.00	1.20	1.32	1.23	1.14	1.39	1.53	**1.54**	1.15	1.01	0.84	0.72	0.74	0.50	0.48	0.36	0.37	0.38	0.26
NC_552	1.00	1.19	1.22	**1.43**	1.33	1.09	1.29	1.37	1.22	0.88	0.76	0.57	0.49	0.50	0.33	0.32	0.24	0.25	0.25	0.18
NC_553	0.83	0.96	1.07	1.20	1.12	0.98	1.13	**1.21**	1.12	0.84	0.71	0.56	0.48	0.49	0.33	0.32	0.24	0.25	0.25	0.18
NC_554	0.22	0.29	0.37	0.41	0.38	0.35	0.43	**0.50**	0.48	0.36	0.31	0.26	0.22	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_555	4.84	5.54	5.92	**6.47**	6.09	5.30	5.75	5.88	5.59	4.01	3.41	2.58	2.24	2.23	1.51	1.45	1.11	1.14	1.15	0.82
NC_556	0.31	0.38	0.43	0.51	0.47	0.39	0.50	**0.55**	0.49	0.36	0.31	0.25	0.21	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_557	0.58	0.73	0.68	**0.84**	0.78	0.61	0.75	0.80	0.71	0.48	0.41	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_558	8.47	12.17	15.20	17.65	19.40	23.50	26.86	27.69	**28.49**	24.97	25.40	24.53	22.05	20.42	16.45	17.42	14.52	14.94	15.17	10.57
NC_559	5.12	5.92	6.42	**6.89**	6.50	5.78	6.19	6.27	6.15	4.41	3.73	2.85	2.47	2.47	1.67	1.61	1.23	1.26	1.28	0.91
NC_560	1.14	1.70	2.23	2.68	3.05	3.94	4.59	5.41	5.78	5.91	5.69	5.91	**6.12**	5.13	4.27	5.42	4.78	5.11	5.54	4.09
NC_561	5.85	6.85	7.49	**7.96**	7.52	6.79	7.22	7.25	7.22	5.22	4.42	3.41	2.96	2.95	2.00	1.92	1.47	1.51	1.53	1.08
NC_562	1.03	1.29	1.21	**1.40**	1.31	1.07	1.22	1.27	1.14	0.75	0.65	0.48	0.41	0.41	0.28	0.27	0.21	0.21	0.21	0.15
NC_563	0.73	0.91	0.84	**1.03**	0.96	0.75	0.92	0.97	0.86	0.59	0.51	0.38	0.33	0.33	0.22	0.21	0.16	0.17	0.17	0.12
NC_564	0.83	0.96	1.05	**1.18**	1.11	0.95	1.09	1.16	1.06	0.79	0.67	0.52	0.45	0.45	0.31	0.29	0.23	0.23	0.23	0.17
NC_565	0.58	0.74	0.70	**0.80**	0.74	0.61	0.69	0.72	0.65	0.42	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_566	0.64	0.81	0.76	**0.89**	0.83	0.67	0.77	0.81	0.73	0.47	0.41	0.30	0.26	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_567	0.55	0.69	0.65	**0.77**	0.71	0.57	0.67	0.70	0.63	0.41	0.35	0.26	0.23	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_568	0.37	0.46	0.47	0.57	0.53	0.43	0.54	**0.59**	0.51	0.37	0.32	0.25	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_569	0.47	0.54	0.58	**0.66**	0.61	0.52	0.59	0.62	0.58	0.41	0.35	0.27	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_570	0.40	0.50	0.50	0.62	0.57	0.46	0.57	**0.63**	0.55	0.39	0.34	0.26	0.23	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_571	14.80	20.32	24.97	28.90	32.18	39.32	43.37	46.38	50.43	**51.36**	49.89	51.19	50.59	46.24	38.34	43.92	40.69	42.32	45.57	31.96
NC_572	0.59	0.70	0.80	0.91	0.85	0.73	0.88	**0.98**	0.92	0.69	0.60	0.49	0.42	0.43	0.29	0.28	0.21	0.22	0.22	0.15
NC_573	6.17	7.58	8.28	**8.71**	8.27	7.66	8.15	8.04	8.16	6.06	5.09	4.02	3.49	3.49	2.36	2.27	1.74	1.78	1.81	1.28
NC_574	24.12	34.61	43.09	50.07	55.63	68.65	78.53	83.06	**86.38**	82.67	77.87	83.65	82.13	73.20	59.89	69.01	62.13	64.40	67.99	47.66
NC_575	4.97	7.11	8.73	9.64	9.53	9.86	11.40	11.74	**12.21**	9.31	8.70	7.40	6.35	6.58	4.55	4.37	3.30	3.39	3.44	2.36
NC_576	0.50	0.63	0.58	**0.72**	0.67	0.52	0.65	0.69	0.61	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_577	8.73	11.62	14.00	16.26	18.93	25.24	29.74	31.39	**32.33**	27.62	27.56	27.14	25.61	24.11	16.69	19.44	15.90	16.44	16.55	11.87
NC_578	0.36	0.45	0.46	0.56	0.52	0.42	0.53	**0.58**	0.50	0.37	0.32	0.25	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_579	0.52	0.61	0.78	0.88	0.81	0.72	0.88	**1.00**	0.95	0.71	0.61	0.50	0.43	0.43	0.29	0.28	0.21	0.22	0.22	0.15
NC_580	0.64	0.81	0.77	**0.86**	0.81	0.68	0.74	0.77	0.70	0.44	0.38	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.13	0.09
NC_581	8.72	11.12	12.73	13.50	13.05	12.53	**13.65**	13.38	13.55	10.36	8.90	7.30	6.33	6.39	4.37	4.21	3.25	3.30	3.34	2.37
NC_582	0.22	0.27	0.35	0.39	0.36	0.32	0.41	**0.47**	0.45	0.34	0.29	0.24	0.21	0.21	0.14	0.14	0.10	0.10	0.11	0.07

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_583	0.64	0.80	0.75	**0.92**	0.86	0.67	0.83	0.88	0.78	0.54	0.47	0.35	0.30	0.30	0.21	0.20	0.15	0.15	0.16	0.11
NC_584	0.50	0.63	0.58	**0.72**	0.67	0.52	0.65	0.69	0.61	0.41	0.36	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_585	8.37	12.04	15.07	17.51	19.27	23.40	26.77	27.70	**28.52**	25.07	25.37	24.60	22.11	20.34	16.47	17.53	14.65	15.07	15.31	10.66
NC_586	6.63	8.26	9.11	**9.52**	9.07	8.50	9.04	8.88	9.08	6.81	5.71	4.55	3.95	3.96	2.68	2.57	1.97	2.02	2.05	1.45
NC_587	11.60	16.63	20.68	24.02	26.58	32.41	36.92	38.63	**39.79**	35.33	34.90	34.68	31.46	28.38	23.24	25.43	21.30	21.94	22.27	15.68
NC_588	1.74	2.07	2.00	**2.33**	2.18	1.78	2.01	2.09	1.87	1.30	1.12	0.82	0.71	0.71	0.48	0.46	0.35	0.36	0.37	0.26
NC_589	0.61	0.71	0.86	0.98	0.91	0.79	0.96	**1.07**	1.00	0.74	0.65	0.52	0.44	0.45	0.31	0.29	0.22	0.23	0.23	0.16
NC_590	1.93	2.15	2.53	2.76	2.60	2.34	2.65	**2.85**	2.70	2.07	1.73	1.42	1.22	1.24	0.85	0.82	0.63	0.65	0.65	0.46
NC_591	8.06	10.49	12.23	13.23	13.05	12.88	**14.05**	13.74	13.86	10.76	9.44	7.82	6.79	6.89	4.77	4.59	3.54	3.60	3.65	2.58
NC_592	0.63	0.79	0.74	**0.91**	0.84	0.66	0.81	0.86	0.76	0.52	0.45	0.34	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.11
NC_593	24.10	34.59	43.06	50.05	55.60	68.63	78.53	83.15	**86.47**	82.78	77.97	83.70	82.24	73.31	59.95	69.13	62.26	64.53	68.12	47.75
NC_594	0.26	0.31	0.38	0.45	0.41	0.35	0.45	**0.50**	0.46	0.34	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.10	0.11	0.07
NC_595	4.77	6.78	8.29	9.11	8.97	9.26	10.71	11.08	**11.51**	8.78	8.14	6.92	5.93	6.14	4.25	4.09	3.09	3.17	3.21	2.21
NC_596	1.06	1.26	1.30	**1.51**	1.41	1.17	1.36	1.45	1.30	0.94	0.81	0.61	0.53	0.53	0.36	0.35	0.26	0.27	0.27	0.19
NC_597	0.61	0.78	0.74	**0.82**	0.77	0.65	0.70	0.73	0.66	0.42	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_598	37.73	53.38	67.99	80.86	91.55	116.86	136.21	155.03	**165.87**	161.29	153.46	159.99	157.93	135.20	113.78	141.40	122.84	132.29	138.09	97.18
NC_599	1.19	1.43	1.37	**1.61**	1.50	1.22	1.39	1.44	1.29	0.89	0.76	0.56	0.49	0.49	0.33	0.32	0.24	0.25	0.25	0.18
NC_600	7.07	8.92	9.95	**10.39**	9.92	9.39	10.04	9.87	10.05	7.63	6.40	5.16	4.48	4.49	3.04	2.92	2.24	2.29	2.32	1.65
NC_601	24.09	34.56	43.04	50.02	55.57	68.61	78.51	83.23	**86.54**	82.87	78.07	83.80	82.33	73.33	60.01	69.23	62.37	64.65	68.24	47.84
NC_602	1.58	1.83	1.98	**2.26**	2.11	1.79	2.07	2.22	2.03	1.48	1.27	0.97	0.84	0.84	0.57	0.55	0.42	0.43	0.43	0.30
NC_603	24.57	34.98	43.59	50.81	56.77	71.45	82.76	89.85	**93.63**	89.27	85.03	89.57	89.38	79.33	67.80	77.85	69.40	72.16	75.85	53.20
NC_604	32.48	44.62	55.90	66.57	75.37	96.52	111.75	119.84	**124.04**	114.76	109.72	115.38	114.32	103.51	83.54	97.89	85.91	89.14	93.28	65.33
NC_605	38.65	54.87	69.95	83.22	94.25	120.37	140.33	159.98	**171.40**	167.12	159.14	165.87	163.84	139.88	118.09	146.78	127.74	137.50	143.74	101.34
NC_606	24.40	34.89	43.49	50.70	56.69	71.37	82.63	89.90	**93.72**	89.41	85.19	89.77	89.48	79.48	67.43	78.20	69.50	72.35	76.13	53.40
NC_607	24.88	35.04	43.67	50.88	56.83	71.51	82.85	89.87	**93.61**	89.23	85.00	89.50	89.29	79.48	67.62	77.65	69.46	72.05	75.74	53.13
NC_608	8.26	10.20	11.33	**11.93**	11.36	10.63	11.36	11.16	11.29	8.42	7.14	5.69	4.94	4.95	3.36	3.29	2.47	2.53	2.56	1.82
NC_609	6.34	8.20	9.48	10.08	9.83	9.56	**10.42**	10.19	10.33	7.98	6.88	5.72	4.97	5.04	3.43	3.29	2.55	2.69	2.62	1.86
NC_610	32.36	44.47	55.83	66.45	75.24	96.32	111.53	119.98	**124.27**	115.18	109.95	115.78	114.63	103.73	83.95	98.22	86.29	89.74	93.88	65.76
NC_611	0.95	1.19	1.11	**1.31**	1.22	0.99	1.14	1.19	1.06	0.71	0.61	0.45	0.39	0.39	0.26	0.25	0.19	0.20	0.20	0.14
NC_612	2.01	2.30	2.54	**2.79**	2.61	2.29	2.56	2.70	2.59	1.87	1.60	1.23	1.07	1.07	0.72	0.70	0.53	0.54	0.55	0.39
NC_613	1.15	1.37	1.38	**1.61**	1.51	1.24	1.44	1.52	1.36	0.98	0.84	0.63	0.55	0.55	0.37	0.36	0.27	0.28	0.28	0.20
NC_614	0.88	1.22	1.44	1.58	1.49	1.40	1.70	1.82	**1.85**	1.39	1.22	1.01	0.86	0.89	0.60	0.58	0.44	0.45	0.45	0.31
NC_615	0.39	0.48	0.51	0.61	0.57	0.46	0.57	**0.62**	0.55	0.40	0.34	0.26	0.22	0.23	0.15	0.15	0.11	0.11	0.11	0.08
NC_616	24.30	34.83	43.38	50.46	56.15	69.83	80.50	85.80	**89.31**	85.24	80.71	85.91	84.99	75.16	63.46	72.39	65.00	67.34	70.96	49.76
NC_617	0.61	0.76	0.72	**0.89**	0.83	0.65	0.80	0.86	0.76	0.53	0.46	0.35	0.30	0.30	0.20	0.19	0.15	0.15	0.15	0.11
NC_618	0.54	0.68	0.64	**0.76**	0.71	0.57	0.66	0.70	0.63	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_619	32.33	44.43	55.82	66.45	75.24	96.30	111.48	119.70	**123.93**	114.76	109.66	115.40	114.25	103.57	83.68	97.80	85.83	89.27	93.41	65.42
NC_620	37.75	53.40	68.03	80.90	91.59	116.91	136.27	155.04	**165.78**	161.01	153.12	159.77	157.61	135.02	113.81	140.96	122.55	131.79	137.58	96.83
NC_621	38.59	54.81	69.86	83.13	94.15	120.25	140.20	159.89	**171.44**	167.34	159.43	166.04	164.03	139.68	118.31	146.98	128.13	137.99	144.24	101.68
NC_622	0.30	0.45	0.54	0.59	0.58	0.62	0.71	0.76	**0.79**	0.61	0.55	0.48	0.41	0.42	0.29	0.28	0.21	0.22	0.22	0.15
NC_623	24.26	34.77	43.31	50.40	56.15	70.02	80.92	87.31	**90.89**	86.93	82.49	87.34	86.55	76.55	64.49	74.98	66.97	69.36	73.01	51.20
NC_624	0.64	0.81	0.77	**0.88**	0.82	0.68	0.76	0.79	0.71	0.46	0.39	0.29	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_625	1.62	2.14	2.44	2.61	2.50	2.44	2.76	2.80	**2.84**	2.22	1.91	1.62	1.39	1.42	0.98	0.95	0.72	0.74	0.75	0.53
NC_626	11.70	16.76	20.83	24.18	26.74	32.54	37.05	38.64	**39.73**	35.24	34.92	34.64	31.42	28.38	23.17	25.39	21.19	21.80	22.13	15.58
NC_627	0.26	0.32	0.39	0.46	0.42	0.36	0.46	**0.52**	0.47	0.36	0.31	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_628	0.28	0.34	0.40	0.47	0.44	0.37	0.46	**0.52**	0.47	0.35	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_629	24.29	34.83	43.38	50.46	56.16	69.90	80.70	86.30	**89.86**	85.81	81.29	86.37	85.48	75.63	64.30	73.20	65.62	67.97	71.61	50.22
NC_630	0.65	0.93	1.12	1.23	1.16	1.12	1.36	1.48	**1.50**	1.13	1.00	0.85	0.72	0.74	0.51	0.49	0.37	0.38	0.38	0.26
NC_631	0.62	0.78	0.75	**0.83**	0.77	0.65	0.70	0.73	0.66	0.42	0.36	0.26	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_632	0.56	0.71	0.66	**0.78**	0.73	0.59	0.68	0.72	0.65	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_633	0.58	0.74	0.70	**0.81**	0.75	0.61	0.70	0.73	0.66	0.43	0.37	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_634	7.95	10.56	12.50	13.73	13.82	13.95	**15.26**	14.97	15.06	11.80	10.66	8.83	7.68	7.76	5.48	5.27	4.04	4.13	4.19	2.95
NC_635	10.07	13.66	16.44	18.35	18.97	20.03	22.13	22.09	**22.39**	17.80	18.95	17.56	16.18	16.64	13.29	13.97	11.27	11.58	11.77	8.27
NC_636	0.46	0.58	0.55	**0.68**	0.63	0.50	0.62	0.66	0.59	0.40	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_637	8.24	11.88	14.90	17.35	19.16	23.45	27.09	28.48	**29.46**	26.12	25.90	25.64	23.07	20.77	16.88	18.55	15.60	16.07	16.32	11.38
NC_638	1.23	1.48	1.42	**1.68**	1.57	1.27	1.47	1.54	1.37	0.97	0.83	0.62	0.53	0.53	0.36	0.35	0.27	0.27	0.28	0.20
NC_639	3.87	5.51	6.73	7.39	7.31	7.55	8.71	8.99	**9.36**	7.17	6.61	5.64	4.84	4.99	3.45	3.32	2.51	2.57	2.61	1.80
NC_640	0.26	0.40	0.49	0.55	0.55	0.59	0.67	0.71	**0.74**	0.58	0.53	0.47	0.40	0.41	0.28	0.27	0.21	0.21	0.21	0.14
NC_641	0.61	0.77	0.73	**0.82**	0.76	0.64	0.70	0.73	0.66	0.42	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_642	4.82	6.98	8.56	9.82	10.68	12.31	**13.36**	13.25	13.29	10.98	11.22	9.77	8.64	8.42	6.69	6.69	5.24	5.40	5.47	3.94
NC_643	0.60	0.76	0.72	**0.81**	0.76	0.63	0.70	0.72	0.66	0.42	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_644	8.83	10.50	11.76	**12.48**	11.79	10.76	11.67	11.88	11.89	8.72	7.42	5.81	5.02	5.05	3.42	3.28	2.51	2.57	2.60	1.84
NC_645	0.49	0.62	0.60	**0.73**	0.68	0.54	0.67	0.72	0.63	0.44	0.38	0.29	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_646	0.22	0.27	0.35	0.39	0.36	0.32	0.41	**0.47**	0.45	0.34	0.29	0.24	0.21	0.21	0.14	0.14	0.10	0.10	0.11	0.07
NC_647	0.60	0.76	0.71	**0.82**	0.77	0.63	0.71	0.75	0.67	0.43	0.37	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_648	1.88	2.20	2.53	2.71	2.55	2.34	2.64	**2.77**	2.73	2.06	1.74	1.42	1.22	1.23	0.85	0.81	0.62	0.64	0.64	0.45
NC_649	1.23	1.38	1.64	1.79	1.68	1.51	1.72	**1.87**	1.77	1.35	1.13	0.92	0.79	0.80	0.55	0.53	0.40	0.41	0.42	0.29
NC_650	24.27	34.79	43.33	50.41	56.12	69.86	80.67	86.45	**90.00**	85.99	81.48	86.50	85.65	75.80	63.64	73.49	65.84	68.20	71.84	50.38
NC_651	0.80	0.99	0.93	**1.11**	1.04	0.82	0.98	1.03	0.92	0.62	0.53	0.39	0.34	0.34	0.23	0.22	0.17	0.17	0.18	0.12
NC_652	37.72	53.34	67.96	80.80	91.46	116.70	135.92	153.84	**163.59**	157.70	149.35	156.90	154.95	134.02	112.26	137.25	119.60	127.54	133.28	93.80
NC_653	0.94	1.13	1.15	**1.35**	1.26	1.03	1.22	1.30	1.15	0.83	0.71	0.54	0.47	0.47	0.32	0.30	0.23	0.24	0.24	0.17
NC_654	1.00	1.18	1.23	**1.43**	1.33	1.11	1.30	1.39	1.25	0.91	0.78	0.60	0.51	0.52	0.35	0.34	0.26	0.26	0.27	0.19
NC_655	0.77	0.95	1.16	1.27	1.19	1.08	1.30	**1.43**	1.41	1.05	0.91	0.74	0.63	0.64	0.43	0.42	0.31	0.32	0.33	0.23

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_656	7.70	9.10	10.19	**10.87**	10.25	9.29	10.12	10.34	10.31	7.51	6.40	4.99	4.31	4.33	2.93	2.81	2.15	2.20	2.23	1.57
NC_657	24.29	34.81	43.36	50.46	56.20	70.05	80.95	87.15	**90.72**	86.73	82.26	87.16	86.38	76.48	64.82	74.62	66.69	69.08	72.73	51.00
NC_658	36.90	51.08	62.90	72.78	82.73	106.83	124.51	135.53	**140.92**	131.41	123.95	131.38	129.16	117.18	95.92	111.29	97.46	101.44	105.87	74.16
NC_659	0.88	1.04	1.10	**1.28**	1.19	0.99	1.17	1.26	1.13	0.82	0.71	0.54	0.47	0.47	0.32	0.30	0.23	0.24	0.24	0.17
NC_660	24.25	34.77	43.31	50.38	56.10	69.85	80.65	86.53	**90.07**	86.08	81.57	86.59	85.75	75.96	63.80	73.64	65.95	68.32	71.96	50.46
NC_661	1.07	1.24	1.29	**1.47**	1.38	1.17	1.34	1.41	1.25	0.93	0.79	0.61	0.53	0.53	0.36	0.35	0.27	0.27	0.28	0.20
NC_662	0.54	0.68	0.85	0.94	0.88	0.80	0.98	**1.11**	1.09	0.82	0.72	0.60	0.51	0.52	0.36	0.34	0.26	0.26	0.27	0.18
NC_663	0.45	0.57	0.54	**0.67**	0.62	0.49	0.61	0.65	0.58	0.40	0.34	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_664	1.39	1.59	1.77	**1.97**	1.84	1.60	1.80	1.92	1.81	1.31	1.13	0.87	0.75	0.75	0.51	0.49	0.37	0.38	0.39	0.27
NC_665	0.59	0.69	0.83	0.94	0.87	0.76	0.92	**1.03**	0.96	0.71	0.62	0.49	0.42	0.43	0.29	0.28	0.21	0.21	0.22	0.15
NC_666	37.77	53.40	68.05	80.89	91.56	116.83	136.07	153.97	**163.69**	157.72	149.35	156.92	154.99	134.23	112.30	136.99	119.46	127.44	133.17	93.72
NC_667	0.35	0.43	0.49	0.59	0.54	0.45	0.58	**0.65**	0.58	0.44	0.38	0.31	0.26	0.27	0.18	0.17	0.13	0.14	0.14	0.09
NC_668	0.27	0.33	0.40	0.47	0.44	0.37	0.47	**0.54**	0.49	0.37	0.32	0.26	0.22	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_669	0.52	0.65	0.60	**0.75**	0.69	0.54	0.67	0.71	0.63	0.42	0.37	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_670	0.61	0.77	0.72	**0.85**	0.80	0.64	0.75	0.78	0.70	0.46	0.40	0.29	0.25	0.25	0.17	0.16	0.13	0.13	0.13	0.09
NC_671	0.35	0.43	0.49	0.58	0.53	0.45	0.57	**0.64**	0.57	0.43	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_672	1.19	1.39	1.51	**1.71**	1.60	1.37	1.57	1.66	1.55	1.13	0.97	0.74	0.64	0.64	0.43	0.41	0.32	0.32	0.33	0.23
NC_673	0.67	0.85	0.80	**0.92**	0.86	0.70	0.80	0.83	0.75	0.49	0.42	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_674	0.46	0.58	0.55	**0.68**	0.63	0.49	0.61	0.65	0.58	0.40	0.34	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_675	1.62	1.88	2.13	**2.32**	2.18	1.93	2.17	2.30	2.24	1.63	1.40	1.09	0.94	0.95	0.64	0.62	0.47	0.48	0.49	0.34
NC_676	1.07	1.23	1.42	1.58	1.47	1.29	1.48	**1.61**	1.53	1.11	0.96	0.75	0.64	0.65	0.44	0.42	0.32	0.33	0.33	0.23
NC_677	0.67	0.85	0.79	**0.94**	0.88	0.70	0.83	0.87	0.78	0.52	0.44	0.33	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_678	1.24	1.63	1.86	2.00	1.91	1.97	2.22	2.32	**2.35**	1.87	1.62	1.40	1.20	1.23	0.86	0.83	0.63	0.65	0.66	0.46
NC_679	2.62	3.05	3.45	**3.75**	3.52	3.13	3.51	3.69	3.62	2.62	2.25	1.75	1.51	1.52	1.03	0.99	0.75	0.77	0.78	0.55
NC_680	0.35	0.44	0.46	0.56	0.52	0.42	0.53	**0.58**	0.50	0.37	0.32	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_681	5.53	6.46	7.23	**7.68**	7.24	6.55	7.08	7.24	7.25	5.25	4.46	3.46	2.99	3.01	2.03	1.95	1.49	1.53	1.55	1.09
NC_682	0.85	0.99	1.14	1.30	1.21	1.05	1.25	**1.38**	1.28	0.94	0.81	0.64	0.55	0.56	0.37	0.36	0.27	0.28	0.28	0.20
NC_683	0.23	0.28	0.36	0.41	0.38	0.34	0.42	**0.49**	0.46	0.35	0.30	0.25	0.21	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_684	0.89	1.07	1.09	**1.28**	1.19	0.98	1.16	1.24	1.10	0.79	0.68	0.52	0.45	0.45	0.30	0.29	0.22	0.23	0.23	0.16
NC_685	0.34	0.41	0.45	0.53	0.49	0.41	0.51	**0.56**	0.50	0.37	0.32	0.25	0.21	0.21	0.15	0.14	0.11	0.11	0.11	0.08
NC_686	4.95	7.14	8.67	9.84	10.53	11.62	**12.63**	12.55	12.55	10.23	10.37	8.91	7.82	7.75	6.07	5.99	4.69	4.92	4.88	3.53
NC_687	2.89	3.71	4.20	4.49	4.26	3.99	4.53	4.65	**4.72**	3.53	3.05	2.48	2.14	2.17	1.47	1.42	1.08	1.11	1.12	0.78
NC_688	1.28	1.53	1.55	**1.83**	1.70	1.39	1.64	1.75	1.57	1.12	0.96	0.73	0.63	0.63	0.43	0.41	0.31	0.32	0.32	0.23
NC_689	0.52	0.66	0.61	**0.75**	0.70	0.55	0.67	0.71	0.64	0.43	0.37	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_690	0.98	1.22	1.42	1.54	1.62	1.71	1.89	1.94	**1.94**	1.60	1.42	1.23	1.05	1.08	0.77	0.75	0.57	0.58	0.63	0.47
NC_691	0.34	0.42	0.49	0.58	0.53	0.45	0.57	**0.64**	0.58	0.44	0.38	0.31	0.26	0.27	0.18	0.18	0.13	0.14	0.14	0.09
NC_692	0.89	1.06	1.25	1.32	1.25	1.16	1.31	**1.40**	1.36	1.04	0.86	0.70	0.60	0.61	0.42	0.40	0.33	0.33	0.36	0.28
NC_693	1.48	1.81	2.07	2.20	2.16	2.29	2.55	2.65	**2.70**	2.18	1.99	1.72	1.46	1.52	1.10	1.06	0.81	0.83	0.88	0.65
NC_694	0.43	0.51	0.62	0.72	0.66	0.57	0.71	**0.79**	0.73	0.54	0.47	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.16	0.11
NC_695	1.08	1.22	1.41	1.55	1.46	1.31	1.50	**1.62**	1.53	1.18	0.99	0.82	0.71	0.71	0.49	0.47	0.36	0.37	0.38	0.27
NC_696	36.87	51.06	62.91	72.86	82.76	106.86	124.56	135.94	**141.40**	132.05	124.46	131.94	129.81	117.27	96.21	112.26	98.21	102.22	106.65	74.72
NC_697	0.85	0.99	1.05	**1.20**	1.12	0.95	1.10	1.17	1.06	0.79	0.67	0.53	0.45	0.46	0.31	0.30	0.23	0.23	0.24	0.17
NC_698	0.24	0.30	0.39	0.45	0.41	0.37	0.46	**0.53**	0.51	0.38	0.34	0.28	0.24	0.24	0.17	0.16	0.12	0.12	0.13	0.09
NC_699	0.58	0.73	0.69	**0.80**	0.74	0.61	0.69	0.73	0.66	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_700	37.84	53.47	68.15	81.00	91.68	116.97	136.22	154.02	**163.35**	157.05	148.53	156.27	154.38	134.12	111.82	136.22	118.70	126.64	132.02	92.93
NC_701	8.01	10.23	11.61	12.37	11.75	11.05	12.29	12.34	**12.59**	9.37	8.10	6.53	5.65	5.72	3.87	3.71	2.83	2.90	2.94	2.07
NC_702	0.54	0.68	0.64	**0.76**	0.70	0.56	0.66	0.70	0.63	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_703	0.56	0.71	0.66	**0.78**	0.73	0.59	0.68	0.71	0.64	0.42	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_704	0.26	0.31	0.39	0.46	0.42	0.37	0.46	**0.53**	0.49	0.37	0.32	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_705	0.32	0.39	0.49	0.57	0.52	0.45	0.58	**0.66**	0.61	0.46	0.41	0.34	0.29	0.30	0.20	0.19	0.15	0.15	0.15	0.10
NC_706	3.31	3.84	4.22	**4.47**	4.21	3.79	4.05	4.12	4.11	2.93	2.50	1.91	1.65	1.66	1.12	1.08	0.82	0.84	0.86	0.61
NC_707	1.07	1.27	1.27	**1.50**	1.40	1.14	1.34	1.41	1.25	0.90	0.77	0.58	0.50	0.50	0.34	0.33	0.25	0.25	0.26	0.18
NC_708	7.97	10.10	11.39	12.12	11.49	10.74	11.92	12.04	**12.25**	9.07	7.81	6.27	5.42	5.48	3.70	3.55	2.71	2.78	2.81	1.98
NC_709	4.17	5.69	6.87	7.67	7.92	8.33	9.18	9.13	**9.19**	7.30	6.89	5.81	5.02	4.95	3.71	3.59	2.75	2.81	2.85	2.00
NC_710	1.70	2.32	2.74	2.96	2.90	3.00	3.38	3.49	**3.56**	2.80	2.53	2.18	1.86	1.92	1.36	1.31	1.00	1.02	1.04	0.72
NC_711	0.35	0.44	0.46	0.56	0.51	0.42	0.52	**0.58**	0.50	0.37	0.32	0.25	0.21	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_712	0.47	0.60	0.56	**0.69**	0.64	0.50	0.62	0.66	0.59	0.40	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_713	0.65	0.76	0.90	1.03	0.96	0.83	1.00	**1.12**	1.04	0.77	0.67	0.53	0.46	0.46	0.31	0.30	0.23	0.23	0.24	0.16
NC_714	37.90	53.53	68.25	81.10	91.78	117.09	136.34	153.92	**162.84**	156.13	147.47	155.53	153.67	134.01	111.37	135.27	117.85	125.63	130.64	91.97
NC_715	0.86	1.05	1.28	1.40	1.31	1.19	1.43	**1.57**	1.56	1.16	1.00	0.82	0.70	0.72	0.48	0.47	0.35	0.36	0.37	0.25
NC_716	0.36	0.44	0.51	0.61	0.56	0.47	0.60	**0.68**	0.62	0.47	0.41	0.33	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.10
NC_717	0.74	0.87	0.95	1.11	1.03	0.87	1.03	**1.12**	1.02	0.75	0.64	0.50	0.43	0.43	0.29	0.28	0.21	0.22	0.22	0.15
NC_718	0.92	1.13	1.39	1.57	1.46	1.30	1.60	**1.78**	1.71	1.27	1.10	0.90	0.77	0.78	0.53	0.51	0.38	0.39	0.40	0.27
NC_719	1.19	1.62	1.92	2.16	2.33	2.72	2.91	2.98	**3.03**	2.69	2.67	2.48	2.25	2.16	1.77	1.78	1.46	1.50	1.52	1.07
NC_720	1.54	1.98	2.35	2.56	2.40	2.22	2.66	2.88	**2.90**	2.16	1.88	1.55	1.33	1.36	0.92	0.88	0.67	0.69	0.69	0.48
NC_721	0.50	0.63	0.58	**0.72**	0.67	0.52	0.65	0.69	0.61	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_722	0.84	1.01	1.06	**1.24**	1.15	0.95	1.14	1.24	1.10	0.80	0.69	0.53	0.46	0.46	0.31	0.30	0.23	0.23	0.24	0.17
NC_723	0.72	0.85	0.90	1.03	0.96	0.82	0.96	**1.05**	0.97	0.73	0.62	0.50	0.43	0.43	0.30	0.28	0.22	0.22	0.23	0.16
NC_724	0.45	0.56	0.59	0.71	0.66	0.53	0.67	**0.74**	0.64	0.48	0.42	0.33	0.28	0.28	0.19	0.19	0.14	0.14	0.15	0.10
NC_725	4.45	6.02	7.21	7.98	8.09	8.30	9.20	9.17	**9.26**	7.29	6.75	5.67	4.90	4.89	3.57	3.45	2.64	2.70	2.74	1.92
NC_726	0.24	0.29	0.36	0.42	0.39	0.34	0.43	**0.49**	0.45	0.34	0.29	0.24	0.20	0.21	0.14	0.14	0.10	0.10	0.11	0.07
NC_727	0.42	0.53	0.51	**0.63**	0.59	0.46	0.58	0.62	0.55	0.38	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_728	0.44	0.54	0.57	0.69	0.64	0.52	0.65	**0.72**	0.62	0.47	0.40	0.32	0.27	0.28	0.19	0.18	0.14	0.14	0.14	0.10

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_729	7.34	9.00	10.14	**10.83**	10.23	9.38	10.39	10.65	10.71	7.84	6.71	5.31	4.60	4.63	3.13	3.00	2.29	2.35	2.38	1.67
NC_730	37.11	51.42	63.37	73.47	83.49	107.70	126.15	138.92	**144.87**	135.51	127.01	135.89	134.44	121.01	98.73	116.24	101.83	105.92	110.41	77.37
NC_731	0.48	0.61	0.56	**0.70**	0.65	0.50	0.62	0.66	0.59	0.40	0.34	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_732	37.98	53.61	68.37	81.21	91.90	117.24	136.51	153.68	**161.71**	154.16	145.12	153.83	152.04	133.57	110.59	132.85	116.42	123.01	127.73	89.96
NC_733	0.74	0.86	0.98	1.10	1.03	0.90	1.05	**1.14**	1.06	0.80	0.68	0.54	0.47	0.47	0.32	0.31	0.24	0.24	0.24	0.17
NC_734	0.47	0.59	0.55	**0.69**	0.64	0.50	0.62	0.66	0.59	0.40	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_735	0.55	0.68	0.64	**0.77**	0.71	0.57	0.67	0.70	0.63	0.41	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_736	1.22	1.51	1.41	**1.67**	1.56	1.25	1.46	1.52	1.36	0.92	0.80	0.59	0.51	0.51	0.35	0.33	0.25	0.26	0.26	0.19
NC_737	2.93	3.38	3.60	**3.94**	3.70	3.22	3.52	3.63	3.48	2.48	2.12	1.60	1.39	1.39	0.94	0.90	0.69	0.71	0.72	0.51
NC_738	0.23	0.27	0.36	0.41	0.38	0.33	0.42	**0.48**	0.45	0.34	0.29	0.24	0.20	0.21	0.14	0.14	0.10	0.10	0.11	0.07
NC_739	0.64	0.80	0.75	**0.90**	0.84	0.67	0.80	0.84	0.75	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_740	3.04	4.35	5.43	6.32	6.89	7.70	**8.40**	8.32	8.36	6.69	6.97	5.88	5.10	5.26	3.93	3.82	2.92	3.01	3.04	2.12
NC_741	37.89	53.50	68.22	81.05	91.71	117.00	136.21	153.47	**161.83**	154.55	145.66	154.17	152.30	133.64	110.78	133.57	116.62	123.56	128.54	90.52
NC_742	1.51	1.73	1.81	**2.05**	1.92	1.62	1.81	1.89	1.73	1.24	1.06	0.79	0.69	0.69	0.46	0.44	0.34	0.35	0.35	0.25
NC_743	0.39	0.49	0.50	0.61	0.57	0.46	0.58	**0.63**	0.55	0.40	0.35	0.27	0.23	0.24	0.16	0.15	0.12	0.12	0.12	0.08
NC_744	3.48	4.73	5.61	6.12	5.79	5.56	6.63	6.99	**7.15**	5.37	4.86	4.11	3.52	3.60	2.49	2.40	1.81	1.86	1.89	1.30
NC_745	5.89	7.11	8.06	**8.63**	8.13	7.41	8.20	8.46	8.45	6.18	5.29	4.16	3.60	3.62	2.44	2.35	1.79	1.83	1.86	1.30
NC_746	0.50	0.63	0.58	**0.72**	0.67	0.52	0.64	0.67	0.60	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_747	0.90	1.05	1.10	**1.26**	1.18	0.99	1.15	1.22	1.09	0.81	0.69	0.53	0.46	0.46	0.32	0.30	0.23	0.24	0.24	0.17
NC_748	0.41	0.52	0.51	**0.63**	0.58	0.46	0.58	0.62	0.55	0.39	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_749	3.63	4.73	5.50	5.89	5.74	5.68	6.35	6.41	**6.47**	5.04	4.43	3.77	3.24	3.30	2.33	2.24	1.72	1.76	1.78	1.26
NC_750	42.23	58.99	73.03	84.87	94.45	120.24	140.16	154.50	**161.11**	150.92	141.75	150.88	148.69	134.44	109.56	128.95	112.08	116.94	121.59	85.14
NC_751	0.52	0.65	0.61	**0.73**	0.68	0.54	0.65	0.68	0.61	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_752	1.05	1.26	1.22	**1.45**	1.36	1.09	1.28	1.34	1.18	0.84	0.72	0.53	0.46	0.46	0.31	0.30	0.23	0.23	0.24	0.17
NC_753	0.66	0.82	0.77	**0.95**	0.88	0.69	0.85	0.91	0.80	0.55	0.48	0.36	0.31	0.31	0.21	0.20	0.15	0.16	0.16	0.11
NC_754	0.38	0.53	0.64	0.71	0.76	0.81	0.92	0.93	**0.98**	0.77	0.75	0.65	0.55	0.57	0.40	0.39	0.29	0.30	0.31	0.21
NC_755	0.67	0.80	0.86	1.00	0.93	0.79	0.95	**1.05**	0.97	0.73	0.63	0.52	0.45	0.45	0.31	0.30	0.23	0.23	0.24	0.17
NC_756	42.42	59.23	73.30	85.11	94.56	120.35	140.37	154.56	**161.16**	150.83	141.62	150.82	148.66	134.44	109.75	128.58	112.08	116.67	121.31	84.94
NC_757	0.34	0.42	0.44	0.54	0.50	0.41	0.51	**0.57**	0.49	0.36	0.31	0.25	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.08
NC_758	0.41	0.52	0.51	**0.62**	0.58	0.46	0.57	0.62	0.54	0.38	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_759	0.60	0.76	0.71	**0.84**	0.78	0.63	0.74	0.78	0.70	0.46	0.39	0.29	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_760	2.55	2.98	3.04	**3.47**	3.25	2.71	3.07	3.20	2.94	2.09	1.79	1.35	1.17	1.17	0.79	0.76	0.58	0.59	0.60	0.42
NC_761	0.26	0.32	0.38	0.45	0.42	0.35	0.45	**0.51**	0.46	0.34	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_762	0.71	0.81	0.98	1.07	1.00	0.90	1.04	**1.13**	1.09	0.82	0.69	0.56	0.48	0.48	0.33	0.32	0.24	0.25	0.25	0.17
NC_763	0.95	1.24	1.48	1.63	1.52	1.40	1.70	1.85	**1.85**	1.38	1.20	0.99	0.84	0.86	0.58	0.56	0.42	0.43	0.44	0.30
NC_764	0.29	0.35	0.41	0.48	0.45	0.37	0.47	**0.53**	0.47	0.36	0.31	0.25	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_765	0.83	1.13	1.31	1.40	1.35	1.31	1.48	1.49	**1.52**	1.19	1.01	0.84	0.72	0.73	0.50	0.48	0.36	0.37	0.38	0.27
NC_766	1.35	1.60	1.57	**1.84**	1.72	1.40	1.61	1.69	1.52	1.08	0.93	0.69	0.60	0.60	0.41	0.39	0.30	0.31	0.31	0.22
NC_767	4.02	5.94	7.56	8.92	9.96	12.25	13.96	14.46	**14.84**	12.91	12.98	12.24	10.85	9.83	7.93	8.28	6.81	6.99	7.09	4.92
NC_768	0.53	0.68	0.63	**0.75**	0.70	0.56	0.66	0.69	0.62	0.41	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.12	0.08
NC_769	2.83	3.95	4.81	5.39	5.54	5.75	6.43	6.43	**6.55**	5.10	5.00	4.18	3.61	3.73	2.67	2.59	1.97	2.02	2.05	1.42
NC_770	42.07	58.78	72.80	84.67	94.36	120.13	139.99	154.37	**161.02**	150.89	141.75	150.87	148.75	134.10	109.82	128.96	111.90	117.06	121.70	85.22
NC_771	0.75	0.94	0.87	**1.05**	0.98	0.77	0.93	0.98	0.87	0.59	0.51	0.38	0.33	0.33	0.22	0.21	0.16	0.17	0.17	0.12
NC_772	0.48	0.61	0.56	**0.70**	0.65	0.51	0.63	0.67	0.59	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_773	0.37	0.46	0.47	0.57	0.53	0.43	0.54	**0.59**	0.51	0.37	0.32	0.25	0.21	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_774	2.64	3.07	3.13	**3.59**	3.36	2.80	3.15	3.31	3.02	2.16	1.85	1.39	1.20	1.20	0.82	0.78	0.60	0.61	0.62	0.44
NC_775	0.77	0.96	0.89	**1.09**	1.01	0.79	0.97	1.03	0.91	0.62	0.54	0.40	0.35	0.35	0.24	0.23	0.17	0.18	0.18	0.13
NC_776	0.46	0.56	0.69	0.79	0.73	0.64	0.80	**0.90**	0.86	0.64	0.57	0.48	0.41	0.41	0.28	0.27	0.21	0.21	0.21	0.15
NC_777	3.04	4.12	4.90	5.37	5.28	5.26	5.98	6.02	**6.18**	4.73	4.42	3.71	3.19	3.32	2.32	2.24	1.71	1.75	1.78	1.23
NC_778	0.50	0.64	0.59	**0.72**	0.67	0.53	0.64	0.68	0.61	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_779	3.52	4.67	5.46	5.86	5.65	5.73	6.49	6.69	**6.85**	5.31	5.09	4.43	3.83	4.01	2.87	2.80	2.14	2.20	2.23	1.55
NC_780	2.23	2.97	3.51	3.78	3.70	3.81	4.31	4.41	**4.55**	3.53	3.54	3.06	2.65	2.76	1.99	1.94	1.48	1.52	1.54	1.07
NC_781	0.40	0.57	0.68	0.75	0.70	0.72	0.85	0.95	**0.96**	0.73	0.64	0.55	0.47	0.48	0.33	0.32	0.24	0.25	0.25	0.17
NC_782	0.77	0.96	0.90	**1.06**	0.99	0.80	0.93	0.97	0.87	0.58	0.50	0.37	0.32	0.32	0.21	0.21	0.16	0.16	0.16	0.12
NC_783	0.66	0.78	0.90	1.04	0.96	0.82	0.99	**1.10**	1.01	0.75	0.64	0.51	0.44	0.44	0.30	0.29	0.22	0.22	0.23	0.16
NC_784	2.87	3.35	3.58	**3.95**	3.70	3.21	3.56	3.70	3.54	2.50	2.14	1.62	1.40	1.41	0.95	0.91	0.70	0.71	0.72	0.51
NC_785	1.55	2.01	2.40	2.63	2.46	2.28	2.77	3.03	**3.05**	2.29	2.01	1.68	1.43	1.46	1.00	0.96	0.73	0.74	0.76	0.52
NC_786	0.56	0.71	0.66	**0.79**	0.73	0.58	0.69	0.73	0.65	0.43	0.37	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_787	3.46	4.53	5.26	5.64	5.39	5.17	5.94	6.07	**6.23**	4.71	4.25	3.56	3.06	3.17	2.19	2.11	1.60	1.65	1.67	1.16
NC_788	0.27	0.32	0.41	0.47	0.44	0.38	0.48	**0.55**	0.50	0.38	0.33	0.27	0.23	0.24	0.16	0.15	0.12	0.12	0.12	0.08
NC_789	4.07	6.00	7.64	9.02	10.06	12.34	14.03	14.44	**14.80**	12.80	12.99	12.11	10.76	9.84	7.93	8.16	6.69	6.87	6.96	4.83
NC_790	0.60	0.73	0.71	**0.86**	0.80	0.64	0.76	0.81	0.72	0.49	0.43	0.32	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_791	1.03	1.23	1.21	**1.43**	1.33	1.08	1.25	1.32	1.18	0.83	0.71	0.53	0.46	0.46	0.31	0.30	0.23	0.23	0.24	0.17
NC_792	3.18	3.71	4.04	**4.45**	4.17	3.65	4.06	4.23	4.06	2.91	2.49	1.92	1.65	1.66	1.12	1.08	0.82	0.84	0.85	0.60
NC_793	1.72	1.96	2.07	**2.32**	2.17	1.85	2.04	2.13	1.97	1.41	1.21	0.91	0.79	0.79	0.53	0.51	0.39	0.40	0.41	0.29
NC_794	3.71	4.42	4.92	**5.33**	5.01	4.48	4.98	5.15	5.10	3.67	3.13	2.44	2.11	2.12	1.43	1.38	1.05	1.07	1.09	0.76
NC_795	0.61	0.77	0.73	**0.83**	0.77	0.64	0.72	0.74	0.67	0.43	0.37	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_796	0.41	0.58	0.69	0.76	0.74	0.79	0.90	0.96	**1.00**	0.78	0.71	0.62	0.53	0.55	0.38	0.37	0.28	0.29	0.29	0.20
NC_797	3.31	3.87	4.37	4.69	4.41	3.97	4.47	**4.72**	4.72	3.46	3.02	2.45	2.11	2.16	1.47	1.41	1.08	1.10	1.12	0.78
NC_798	0.40	0.50	0.54	0.65	0.60	0.50	0.63	**0.70**	0.62	0.46	0.40	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_799	0.49	0.62	0.57	**0.71**	0.66	0.51	0.63	0.67	0.60	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_800	0.33	0.40	0.46	0.55	0.51	0.42	0.53	**0.59**	0.52	0.39	0.33	0.26	0.23	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_801	0.26	0.30	0.39	0.45	0.42	0.36	0.46	**0.53**	0.49	0.37	0.32	0.26	0.22	0.23	0.16	0.15	0.11	0.12	0.12	0.08

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_802	1.22	1.38	1.59	**1.72**	1.62	1.44	1.59	1.68	1.62	1.18	1.00	0.78	0.67	0.67	0.45	0.44	0.33	0.34	0.35	0.24
NC_803	1.30	1.54	1.81	1.96	1.91	2.13	2.35	2.38	**2.43**	1.95	2.09	1.80	1.55	1.63	1.18	1.14	0.87	0.90	0.91	0.63
NC_804	1.26	1.50	1.48	**1.73**	1.62	1.32	1.52	1.60	1.42	1.01	0.87	0.64	0.56	0.56	0.38	0.36	0.28	0.28	0.29	0.20
NC_805	2.55	3.03	3.06	**3.54**	3.31	2.74	3.15	3.30	3.02	2.12	1.82	1.36	1.18	1.18	0.80	0.76	0.58	0.60	0.61	0.43
NC_806	0.60	0.76	0.70	**0.87**	0.81	0.63	0.77	0.82	0.73	0.49	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_807	0.58	0.73	0.68	**0.82**	0.76	0.61	0.72	0.76	0.68	0.45	0.39	0.28	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_808	0.22	0.27	0.35	0.40	0.37	0.32	0.41	**0.47**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.11	0.07
NC_809	0.96	1.12	1.16	**1.34**	1.25	1.04	1.19	1.25	1.12	0.81	0.69	0.52	0.45	0.45	0.30	0.29	0.22	0.23	0.23	0.16
NC_810	0.31	0.37	0.44	0.51	0.47	0.40	0.50	**0.56**	0.51	0.37	0.32	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_811	0.35	0.43	0.47	0.56	0.52	0.43	0.54	**0.60**	0.53	0.40	0.34	0.27	0.23	0.24	0.16	0.15	0.12	0.12	0.12	0.08
NC_812	0.61	0.77	0.72	**0.87**	0.81	0.64	0.76	0.80	0.72	0.48	0.41	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.10
NC_813	0.50	0.63	0.59	**0.72**	0.67	0.52	0.64	0.68	0.61	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_814	2.47	2.90	3.27	3.56	3.33	2.98	3.42	**3.66**	3.63	2.67	2.33	1.91	1.64	1.69	1.15	1.10	0.84	0.86	0.87	0.61
NC_815	4.10	6.05	7.69	9.07	10.12	12.37	13.96	14.28	**14.61**	12.53	12.87	11.80	10.52	9.75	7.79	7.95	6.47	6.64	6.73	4.67
NC_816	0.48	0.61	0.56	**0.70**	0.65	0.51	0.63	0.67	0.59	0.40	0.34	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_817	0.60	0.75	0.71	**0.84**	0.78	0.62	0.73	0.77	0.69	0.45	0.39	0.29	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_818	0.56	0.71	0.66	**0.79**	0.73	0.58	0.69	0.72	0.65	0.43	0.37	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_819	0.60	0.77	0.72	**0.83**	0.78	0.64	0.72	0.76	0.68	0.44	0.38	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_820	0.53	0.67	0.62	**0.75**	0.70	0.55	0.66	0.70	0.62	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_821	0.57	0.72	0.67	**0.82**	0.77	0.60	0.73	0.78	0.69	0.47	0.40	0.30	0.26	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_822	0.58	0.73	0.69	**0.82**	0.76	0.61	0.71	0.75	0.67	0.44	0.38	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_823	0.31	0.38	0.42	0.51	0.47	0.39	0.49	**0.55**	0.48	0.36	0.31	0.25	0.21	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_824	2.19	2.55	2.84	3.16	2.95	2.58	3.00	**3.27**	3.15	2.33	2.03	1.66	1.42	1.46	1.00	0.96	0.73	0.75	0.76	0.53
NC_825	0.39	0.48	0.56	0.66	0.61	0.52	0.66	**0.75**	0.68	0.52	0.45	0.37	0.32	0.33	0.22	0.21	0.16	0.17	0.17	0.12
NC_826	0.52	0.65	0.60	**0.74**	0.69	0.54	0.66	0.70	0.63	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.08
NC_827	4.10	6.04	7.69	9.05	10.08	12.26	13.68	13.85	**14.16**	12.00	12.53	11.25	10.01	9.53	7.51	7.57	6.09	6.26	6.34	4.40
NC_828	0.68	0.79	0.89	1.02	0.95	0.82	0.97	**1.07**	0.99	0.75	0.64	0.52	0.45	0.45	0.31	0.30	0.23	0.23	0.23	0.16
NC_829	0.94	1.15	1.37	1.56	1.66	1.84	2.04	2.04	**2.09**	1.63	1.80	1.52	1.29	1.37	1.00	0.97	0.74	0.76	0.77	0.54
NC_830	1.32	1.54	1.76	1.99	1.85	1.61	1.93	**2.16**	2.07	1.55	1.36	1.14	0.98	1.00	0.69	0.66	0.50	0.51	0.52	0.36
NC_831	0.49	0.62	0.57	**0.71**	0.66	0.51	0.63	0.67	0.60	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_832	0.84	1.07	1.30	1.45	1.53	1.63	1.86	1.84	**1.94**	1.51	1.53	1.32	1.12	1.17	0.84	0.81	0.62	0.63	0.64	0.44
NC_833	0.42	0.52	0.51	**0.63**	0.59	0.46	0.58	0.63	0.55	0.39	0.34	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_834	4.17	6.13	7.79	9.16	10.19	12.36	13.68	13.77	**14.05**	11.85	12.52	11.08	9.83	9.50	7.42	7.42	5.96	6.12	6.20	4.30
NC_835	0.51	0.62	0.72	0.82	0.76	0.71	0.83	**0.97**	0.93	0.72	0.64	0.56	0.48	0.49	0.34	0.33	0.25	0.26	0.26	0.18
NC_836	0.36	0.42	0.49	0.55	0.51	0.44	0.52	**0.57**	0.53	0.39	0.34	0.26	0.23	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_837	0.26	0.32	0.38	0.45	0.42	0.35	0.45	**0.51**	0.46	0.34	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.10	0.11	0.07
NC_838	0.33	0.39	0.46	0.52	0.48	0.42	0.50	**0.54**	0.51	0.37	0.32	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_839	3.93	5.77	7.33	8.64	9.63	11.69	12.89	12.93	**13.18**	11.06	11.75	10.33	9.14	8.94	6.98	6.93	5.53	5.68	5.76	3.99
NC_840	0.73	1.04	1.24	1.35	1.30	1.37	1.57	1.67	**1.72**	1.33	1.21	1.06	0.90	0.93	0.65	0.62	0.47	0.48	0.49	0.34
NC_841	0.38	0.46	0.50	0.61	0.56	0.46	0.58	**0.64**	0.57	0.42	0.37	0.29	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_842	0.73	0.99	1.22	1.36	1.42	1.55	1.75	1.76	**1.85**	1.43	1.50	1.29	1.09	1.15	0.83	0.81	0.61	0.63	0.64	0.44
NC_843	0.47	0.56	0.69	0.77	0.71	0.67	0.79	**0.91**	0.89	0.68	0.59	0.51	0.43	0.44	0.30	0.29	0.22	0.23	0.23	0.16
NC_844	0.52	0.65	0.62	**0.76**	0.71	0.56	0.69	0.74	0.65	0.45	0.39	0.29	0.25	0.25	0.17	0.17	0.13	0.13	0.13	0.09
NC_845	3.95	5.77	7.33	8.64	9.65	11.70	12.84	12.82	**13.04**	10.90	11.71	10.19	9.00	8.87	6.98	6.88	5.43	5.57	5.65	3.92
NC_846	1.59	1.85	2.19	2.34	2.20	2.02	2.33	**2.50**	2.49	1.89	1.62	1.35	1.16	1.18	0.81	0.78	0.59	0.61	0.62	0.43
NC_847	1.53	2.10	2.53	2.74	2.75	2.82	3.16	3.18	**3.27**	2.55	2.37	2.03	1.73	1.79	1.27	1.22	0.93	0.96	0.97	0.68
NC_848	0.35	0.43	0.47	0.56	0.52	0.43	0.54	**0.61**	0.53	0.40	0.35	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.08
NC_849	0.25	0.30	0.37	0.44	0.40	0.35	0.44	**0.50**	0.46	0.34	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_850	1.11	1.35	1.58	1.69	1.67	1.80	2.01	2.05	**2.08**	1.69	1.79	1.53	1.30	1.39	1.03	1.00	0.78	0.80	0.81	0.56
NC_851	3.18	4.73	6.04	7.14	7.97	9.59	10.55	10.54	**10.71**	8.83	9.43	8.22	7.23	7.09	5.50	5.44	4.32	4.43	4.49	3.11
NC_852	0.30	0.44	0.53	0.59	0.60	0.64	0.73	0.78	**0.81**	0.63	0.58	0.51	0.43	0.45	0.31	0.30	0.23	0.23	0.24	0.16
NC_853	0.53	0.68	0.63	**0.76**	0.71	0.56	0.68	0.72	0.64	0.43	0.37	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_854	1.35	1.83	2.11	2.27	2.19	2.20	2.49	2.55	**2.61**	2.04	1.82	1.56	1.33	1.37	0.96	0.92	0.70	0.72	0.73	0.51
NC_855	0.75	0.93	0.92	1.10	1.03	0.83	1.02	**1.11**	0.97	0.72	0.63	0.50	0.43	0.43	0.30	0.28	0.22	0.22	0.23	0.16
NC_856	0.45	0.55	0.69	0.77	0.71	0.71	0.81	**0.94**	0.92	0.71	0.63	0.55	0.47	0.48	0.33	0.32	0.24	0.25	0.25	0.17
NC_857	0.54	0.69	0.64	**0.77**	0.72	0.57	0.68	0.72	0.64	0.43	0.37	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_858	1.07	1.22	1.42	1.57	1.47	1.48	1.65	**1.81**	1.78	1.43	1.45	1.25	1.06	1.12	0.82	0.79	0.61	0.63	0.64	0.44
NC_859	0.29	0.36	0.41	0.49	0.45	0.37	0.48	**0.53**	0.47	0.35	0.31	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_860	2.51	3.71	4.72	5.56	6.18	7.42	8.20	8.21	**8.35**	6.88	7.17	6.29	5.53	5.33	4.19	4.14	3.27	3.36	3.40	2.35
NC_861	0.52	0.66	0.62	**0.74**	0.69	0.55	0.66	0.69	0.62	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_862	0.78	0.92	1.04	1.17	1.10	1.16	1.29	**1.41**	1.39	1.11	1.08	0.94	0.80	0.84	0.60	0.58	0.44	0.45	0.46	0.32
NC_863	2.46	3.62	4.59	5.38	5.93	6.97	7.67	7.65	**7.76**	6.29	6.61	5.71	5.00	4.88	3.80	3.73	2.92	3.00	3.04	2.10
NC_864	0.52	0.66	0.61	**0.75**	0.70	0.54	0.67	0.71	0.63	0.43	0.37	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_865	0.46	0.56	0.69	0.76	0.70	0.67	0.78	**0.90**	0.88	0.67	0.59	0.50	0.43	0.43	0.30	0.29	0.22	0.22	0.23	0.16
NC_866	0.35	0.43	0.45	0.55	0.51	0.41	0.52	**0.57**	0.49	0.37	0.32	0.25	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_867	0.69	0.79	0.95	1.06	0.99	0.88	1.03	**1.14**	1.08	0.82	0.70	0.57	0.49	0.49	0.34	0.32	0.25	0.25	0.26	0.18
NC_868	1.62	2.35	2.96	3.44	3.74	4.15	4.56	4.54	**4.60**	3.68	3.77	3.15	2.72	2.75	2.07	2.01	1.54	1.58	1.60	1.11
NC_869	1.01	1.50	1.90	2.23	2.42	2.80	3.11	3.10	**3.15**	2.51	2.67	2.28	1.99	1.97	1.52	1.48	1.15	1.18	1.19	0.82
NC_870	0.98	1.47	1.87	2.20	2.42	2.88	3.20	3.20	**3.27**	2.66	2.78	2.44	2.14	2.06	1.62	1.60	1.25	1.28	1.30	0.90
NC_871	0.43	0.51	0.64	0.72	0.67	0.63	0.75	**0.86**	0.83	0.64	0.56	0.48	0.41	0.42	0.29	0.27	0.21	0.21	0.22	0.15
NC_872	1.25	1.78	2.20	2.54	2.73	2.95	3.24	3.21	**3.24**	2.59	2.59	2.15	1.85	1.89	1.40	1.35	1.03	1.06	1.08	0.75
NC_873	0.67	0.89	1.04	1.12	1.09	1.15	1.29	1.37	**1.40**	1.10	0.98	0.86	0.73	0.76	0.53	0.51	0.39	0.40	0.40	0.28
NC_874	0.40	0.50	0.50	0.61	0.57	0.45	0.56	**0.61**	0.54	0.38	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_875	1.05	1.54	1.95	2.26	2.42	2.66	2.96	2.97	**3.03**	2.38	2.49	2.10	1.81	1.84	1.37	1.33	1.02	1.05	1.06	0.73
NC_876	1.20	1.65	2.00	2.25	2.31	2.40	2.66	2.65	**2.68**	2.11	2.00	1.67	1.44	1.47	1.07	1.03	0.79	0.81	0.82	0.57
NC_877	1.09	1.60	2.00	2.28	2.34	2.51	2.82	2.84	**2.93**	2.28	2.29	1.94	1.66	1.72	1.24	1.20	0.92	0.94	0.96	0.66
NC_878	0.69	0.81	0.91	1.04	0.97	0.84	1.00	**1.11**	1.02	0.77	0.67	0.54	0.47	0.47	0.32	0.31	0.24	0.24	0.25	0.17
NC_879	1.31	1.76	2.09	2.25	2.22	2.24	2.50	2.51	**2.56**	1.99	1.78	1.51	1.29	1.32	0.93	0.89	0.68	0.70	0.71	0.50
NC_880	0.32	0.50	0.65	0.74	0.78	0.86	0.98	0.98	**1.04**	0.79	0.82	0.71	0.60	0.63	0.45	0.43	0.33	0.34	0.34	0.23
NC_881	0.56	0.71	0.66	**0.79**	0.74	0.59	0.70	0.73	0.66	0.43	0.37	0.28	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_882	0.38	0.46	0.52	0.62	0.58	0.48	0.61	**0.69**	0.62	0.46	0.40	0.33	0.28	0.28	0.19	0.19	0.14	0.14	0.15	0.10
NC_883	1.18	1.69	2.04	2.22	2.23	2.33	2.65	2.70	**2.80**	2.18	2.06	1.78	1.52	1.57	1.11	1.07	0.82	0.84	0.85	0.59
NC_884	0.49	0.62	0.58	**0.72**	0.67	0.52	0.65	0.69	0.61	0.42	0.36	0.27	0.23	0.24	0.16	0.15	0.12	0.12	0.12	0.08
NC_885	0.53	0.67	0.62	**0.75**	0.69	0.55	0.66	0.69	0.62	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_886	1.40	1.58	1.85	1.98	1.87	1.70	1.90	**2.04**	1.99	1.51	1.27	1.04	0.89	0.90	0.62	0.60	0.46	0.47	0.47	0.33
NC_887	0.80	0.93	1.00	**1.15**	1.07	0.91	1.06	1.14	1.04	0.78	0.66	0.52	0.45	0.45	0.31	0.30	0.23	0.23	0.23	0.17
NC_888	0.49	0.62	0.58	**0.72**	0.67	0.52	0.65	0.69	0.61	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.08
NC_889	0.25	0.30	0.37	0.44	0.40	0.34	0.44	**0.50**	0.45	0.34	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_890	0.52	0.75	0.90	0.99	0.98	1.04	1.19	1.26	**1.31**	1.02	0.93	0.82	0.70	0.72	0.50	0.48	0.36	0.37	0.38	0.26
NC_891	0.27	0.33	0.39	0.46	0.43	0.36	0.46	**0.52**	0.47	0.35	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_892	0.31	0.38	0.43	0.51	0.47	0.39	0.50	**0.55**	0.49	0.37	0.32	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_893	0.33	0.39	0.49	0.57	0.53	0.45	0.57	**0.66**	0.61	0.46	0.40	0.33	0.28	0.29	0.20	0.19	0.14	0.15	0.15	0.10
NC_894	0.40	0.49	0.55	0.65	0.60	0.50	0.63	**0.71**	0.63	0.47	0.41	0.33	0.28	0.29	0.20	0.19	0.14	0.15	0.15	0.10
NC_895	0.24	0.28	0.36	0.42	0.39	0.34	0.43	**0.49**	0.45	0.34	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.11	0.07
NC_896	0.22	0.28	0.35	0.40	0.37	0.33	0.42	**0.48**	0.46	0.34	0.30	0.25	0.21	0.22	0.15	0.14	0.11	0.11	0.11	0.07
NC_897	0.26	0.31	0.38	0.45	0.42	0.35	0.45	**0.51**	0.46	0.35	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_898	0.54	0.85	1.05	1.17	1.16	1.22	1.41	1.49	**1.55**	1.19	1.09	0.94	0.80	0.83	0.57	0.55	0.41	0.43	0.43	0.29
NC_899	0.26	0.32	0.41	0.46	0.43	0.39	0.48	**0.56**	0.53	0.40	0.35	0.29	0.25	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_900	0.42	0.54	0.66	0.73	0.69	0.74	0.83	0.94	**0.94**	0.73	0.66	0.58	0.50	0.51	0.36	0.34	0.26	0.27	0.27	0.18
NC_901	0.35	0.43	0.47	0.56	0.52	0.43	0.54	**0.60**	0.52	0.39	0.34	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_902	0.50	0.58	0.73	0.81	0.76	0.68	0.82	**0.94**	0.91	0.69	0.60	0.51	0.43	0.44	0.30	0.29	0.22	0.23	0.23	0.16
NC_903	0.89	1.16	1.38	1.50	1.47	1.56	1.79	1.92	**1.99**	1.54	1.39	1.21	1.03	1.07	0.73	0.71	0.53	0.55	0.55	0.38
NC_904	0.52	0.65	0.61	**0.73**	0.68	0.54	0.65	0.68	0.61	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_905	0.75	1.11	1.37	1.51	1.54	1.63	1.87	1.90	**1.99**	1.54	1.49	1.29	1.10	1.14	0.81	0.78	0.59	0.61	0.62	0.42
NC_906	0.25	0.30	0.39	0.45	0.41	0.36	0.46	**0.53**	0.50	0.38	0.33	0.27	0.23	0.24	0.16	0.16	0.12	0.12	0.12	0.08
NC_907	0.91	1.06	1.16	1.32	1.24	1.06	1.24	**1.34**	1.22	0.92	0.78	0.62	0.53	0.54	0.37	0.35	0.27	0.28	0.28	0.20
NC_908	0.67	0.99	1.29	1.56	1.77	2.12	2.33	2.32	**2.36**	2.05	2.25	1.98	1.79	1.84	1.42	1.41	1.12	1.15	1.17	0.97
NC_909	0.37	0.46	0.47	0.58	0.53	0.43	0.54	**0.59**	0.51	0.38	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_910	0.23	0.27	0.35	0.41	0.38	0.33	0.42	**0.48**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.11	0.07
NC_911	0.27	0.35	0.33	**0.42**	0.39	0.30	0.38	0.41	0.36	0.25	0.21	0.16	0.14	0.14	0.09	0.09	0.07	0.07	0.07	0.05
NC_912	0.47	0.59	0.55	**0.69**	0.64	0.49	0.62	0.66	0.58	0.40	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_913	1.87	2.14	2.39	**2.59**	2.43	2.16	2.38	2.50	2.45	1.76	1.51	1.16	1.00	1.01	0.68	0.66	0.50	0.51	0.52	0.36
NC_914	1.53	1.75	1.93	**2.16**	2.02	1.75	2.00	2.14	1.99	1.48	1.26	1.00	0.86	0.86	0.59	0.57	0.43	0.44	0.45	0.32
NC_915	1.48	1.70	1.85	**2.08**	1.94	1.67	1.90	2.02	1.89	1.36	1.17	0.89	0.77	0.78	0.52	0.50	0.38	0.39	0.40	0.28
NC_916	0.56	0.71	0.66	**0.80**	0.74	0.59	0.70	0.74	0.66	0.44	0.38	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_917	0.39	0.63	0.79	0.87	0.89	0.94	1.08	1.13	**1.17**	0.91	0.85	0.74	0.63	0.65	0.45	0.43	0.33	0.34	0.34	0.23
NC_918	0.28	0.34	0.40	0.47	0.43	0.36	0.46	**0.52**	0.47	0.35	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_919	0.87	1.02	1.25	1.37	1.27	1.29	1.45	**1.63**	1.63	1.27	1.13	1.00	0.85	0.88	0.61	0.59	0.45	0.46	0.47	0.32
NC_920	2.04	2.35	2.68	2.88	2.71	2.44	2.81	**3.01**	3.01	2.24	1.95	1.62	1.39	1.43	0.98	0.94	0.71	0.73	0.74	0.52
NC_921	0.53	0.67	0.62	**0.76**	0.71	0.55	0.68	0.72	0.64	0.43	0.37	0.28	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_922	0.22	0.27	0.35	0.40	0.37	0.32	0.41	**0.47**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.11	0.07
NC_923	0.27	0.41	0.50	0.55	0.55	0.59	0.67	0.72	**0.75**	0.58	0.53	0.47	0.40	0.41	0.28	0.27	0.20	0.21	0.21	0.14
NC_924	0.23	0.27	0.35	0.41	0.37	0.33	0.41	**0.47**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.11	0.07
NC_925	1.66	2.34	2.90	3.34	3.52	3.86	4.27	4.27	**4.35**	3.44	3.72	3.13	2.72	2.82	2.10	2.05	1.58	1.62	1.65	1.14
NC_926	0.42	0.67	0.88	1.00	1.04	1.12	1.29	1.30	**1.37**	1.05	1.05	0.91	0.77	0.80	0.56	0.54	0.41	0.42	0.43	0.29
NC_927	0.26	0.30	0.38	0.45	0.41	0.35	0.45	**0.51**	0.47	0.35	0.31	0.25	0.21	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_928	0.39	0.47	0.53	0.64	0.59	0.49	0.62	**0.70**	0.62	0.47	0.41	0.33	0.28	0.28	0.19	0.19	0.14	0.14	0.15	0.10
NC_929	1.57	1.85	2.07	2.31	2.16	1.90	2.25	**2.47**	2.38	1.78	1.56	1.30	1.11	1.14	0.78	0.75	0.57	0.58	0.59	0.41
NC_930	6.01	7.90	9.21	9.88	9.49	9.29	10.67	10.93	**11.19**	8.55	7.73	6.57	5.62	5.81	4.03	3.87	2.95	3.03	3.07	2.14
NC_931	0.64	0.81	0.75	**0.90**	0.84	0.67	0.80	0.84	0.75	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_932	1.53	2.36	3.07	3.63	3.97	4.59	5.05	5.07	**5.19**	4.10	4.70	4.05	3.61	3.75	2.84	2.80	2.19	2.25	2.29	1.57
NC_933	0.51	0.65	0.60	**0.74**	0.68	0.54	0.65	0.69	0.62	0.41	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_934	0.53	0.67	0.62	**0.75**	0.70	0.55	0.67	0.70	0.63	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_935	0.46	0.59	0.71	0.78	0.72	0.73	0.85	**0.96**	0.96	0.74	0.65	0.56	0.48	0.49	0.34	0.33	0.25	0.25	0.26	0.18
NC_936	0.43	0.70	0.93	1.11	1.20	1.34	1.51	1.52	**1.58**	1.22	1.32	1.11	0.95	0.99	0.72	0.70	0.53	0.54	0.55	0.37
NC_937	1.91	2.62	3.20	3.64	3.89	4.32	4.74	4.72	**4.78**	3.81	4.19	3.55	3.09	3.19	2.41	2.36	1.83	1.88	1.91	1.33
NC_938	0.96	1.15	1.14	**1.35**	1.26	1.02	1.20	1.28	1.13	0.81	0.69	0.52	0.45	0.45	0.30	0.29	0.22	0.23	0.23	0.16
NC_939	0.36	0.45	0.50	0.59	0.55	0.45	0.57	**0.64**	0.57	0.42	0.37	0.29	0.25	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_940	1.63	2.47	3.19	3.78	4.16	4.90	5.42	5.43	**5.52**	4.47	5.05	4.41	3.95	4.03	3.09	3.06	2.42	2.49	2.52	1.74
NC_941	0.45	0.73	0.97	1.16	1.30	1.53	1.70	1.70	**1.74**	1.37	1.54	1.30	1.13	1.15	0.86	0.84	0.64	0.66	0.67	0.45
NC_942	0.30	0.37	0.41	0.50	0.46	0.38	0.48	**0.54**	0.47	0.35	0.31	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_943	0.75	0.94	0.87	**1.07**	0.99	0.78	0.94	1.00	0.89	0.60	0.52	0.39	0.34	0.34	0.23	0.22	0.17	0.17	0.17	0.12
NC_944	0.47	0.59	0.55	**0.69**	0.64	0.50	0.62	0.66	0.58	0.40	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_945	0.23	0.27	0.36	0.41	0.38	0.33	0.42	**0.48**	0.45	0.34	0.30	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_946	0.51	0.65	0.60	**0.73**	0.68	0.53	0.65	0.69	0.61	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_947	0.23	0.27	0.35	0.41	0.37	0.33	0.41	**0.48**	0.44	0.33	0.29	0.24	0.20	0.21	0.14	0.13	0.10	0.10	0.11	0.07

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_948	0.65	1.05	1.40	1.68	1.87	2.20	2.43	2.44	**2.49**	1.96	2.26	1.92	1.66	1.72	1.28	1.25	0.96	0.98	1.00	0.68
NC_949	1.63	2.48	3.20	3.79	4.19	5.00	5.54	5.54	**5.66**	4.65	5.15	4.57	4.11	4.10	3.17	3.16	2.52	2.59	2.63	1.81
NC_950	0.38	0.48	0.48	0.59	0.55	0.44	0.55	0.60	0.53	0.49	0.66	1.66	2.79	**4.11**	2.53	3.19	3.95	3.59	4.09	1.29
NC_951	1.31	1.91	2.39	2.65	2.73	2.89	3.27	3.26	**3.41**	2.63	2.61	2.24	1.90	1.99	1.42	1.38	1.05	1.08	1.09	0.76
NC_952	0.53	0.66	0.61	**0.76**	0.70	0.55	0.67	0.71	0.64	0.43	0.37	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_953	0.60	0.76	0.70	**0.85**	0.79	0.62	0.74	0.79	0.70	0.47	0.40	0.30	0.26	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_954	0.29	0.35	0.42	0.50	0.46	0.39	0.50	**0.56**	0.51	0.38	0.33	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.08
NC_955	0.26	0.31	0.39	0.46	0.42	0.36	0.46	**0.52**	0.48	0.36	0.31	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_956	2.66	3.56	4.22	4.57	4.76	5.27	5.77	5.74	5.91	4.70	5.18	4.44	4.40	6.14	3.98	4.89	6.04	5.83	**6.36**	2.13
NC_957	1.85	2.14	2.39	2.69	2.51	2.17	2.52	**2.75**	2.59	1.91	1.66	1.33	1.14	1.15	0.79	0.76	0.58	0.59	0.60	0.42
NC_958	0.24	0.28	0.37	0.42	0.39	0.34	0.43	**0.50**	0.46	0.35	0.30	0.25	0.21	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_959	1.43	1.64	1.78	**2.00**	1.87	1.60	1.82	1.95	1.81	1.32	1.13	0.87	0.75	0.76	0.51	0.49	0.38	0.38	0.39	0.27
NC_960	6.26	8.15	9.44	10.13	9.71	9.71	11.09	11.51	**11.78**	9.17	8.87	7.72	6.93	7.27	5.33	5.71	7.63	7.44	7.99	3.28
NC_961	0.76	0.92	0.98	1.15	1.07	0.90	1.10	**1.22**	1.10	0.83	0.72	0.59	0.50	0.51	0.35	0.34	0.26	0.26	0.27	0.19
NC_962	0.22	0.27	0.35	0.40	0.37	0.33	0.41	**0.47**	0.45	0.34	0.29	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_963	0.99	1.18	1.23	**1.44**	1.34	1.11	1.32	1.42	1.27	0.93	0.80	0.62	0.53	0.54	0.36	0.35	0.26	0.27	0.28	0.19
NC_964	2.47	3.79	4.92	5.86	6.51	7.74	8.58	8.58	**8.72**	7.11	8.00	6.99	6.25	6.40	4.88	4.83	3.79	3.89	3.95	2.71
NC_965	0.32	0.48	0.58	0.63	0.62	0.66	0.75	0.81	**0.84**	0.65	0.59	0.51	0.44	0.45	0.31	0.30	0.23	0.23	0.24	0.16
NC_966	0.40	0.50	0.51	0.62	0.58	0.47	0.59	**0.64**	0.56	0.41	0.36	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_967	5.58	7.49	8.88	9.70	9.60	9.88	11.14	11.32	**11.62**	9.10	9.06	7.84	7.07	7.31	5.42	5.71	7.70	7.57	8.12	3.37
NC_968	0.68	0.89	1.05	1.14	1.07	1.11	1.27	1.38	**1.41**	1.09	0.98	0.85	0.73	0.75	0.52	0.50	0.38	0.39	0.39	0.27
NC_969	0.04	0.10	0.16	0.20	0.24	0.30	0.34	0.40	0.43	0.46	0.70	1.65	2.82	**4.10**	2.46	3.14	3.61	3.48	3.98	1.25
NC_970	1.58	2.04	2.30	2.45	2.32	2.19	2.48	2.52	**2.57**	1.94	1.66	1.36	1.17	1.19	0.81	0.78	0.59	0.61	0.61	0.43
NC_971	2.78	3.49	4.03	4.28	4.46	5.69	6.84	6.85	**6.95**	5.24	5.07	4.51	4.18	4.03	3.37	3.38	2.76	2.83	2.88	2.09
NC_972	2.75	3.27	3.68	4.01	3.76	3.36	3.81	**4.01**	3.96	2.88	2.48	1.96	1.69	1.71	1.16	1.11	0.85	0.87	0.88	0.61
NC_973	6.06	8.20	9.65	10.90	11.94	14.51	16.52	19.13	19.99	**20.65**	20.28	20.36	19.59	17.41	15.28	18.43	16.93	17.81	20.63	14.53
NC_974	9.05	12.37	15.08	17.12	18.24	21.10	23.29	26.37	**28.44**	27.77	26.41	28.43	27.81	25.04	19.84	22.69	19.82	20.47	20.87	14.55
NC_975	0.84	0.99	0.98	**1.14**	1.07	0.87	1.00	1.04	0.93	0.65	0.56	0.42	0.36	0.36	0.24	0.23	0.18	0.18	0.19	0.13
NC_976	9.03	12.34	15.04	17.05	18.13	20.90	23.03	26.32	**28.31**	27.55	26.20	28.28	27.62	24.93	19.74	22.48	19.58	20.23	20.62	14.37
NC_977	8.87	12.13	14.76	16.67	17.62	20.23	22.16	26.11	**27.88**	26.92	25.53	27.72	27.09	24.58	19.40	21.85	18.87	19.50	19.89	13.86
NC_978	14.48	19.93	24.43	28.04	30.59	36.55	40.12	45.73	**48.96**	48.80	47.12	48.91	48.03	43.06	34.76	40.98	37.63	39.19	42.40	29.71
NC_979	14.62	20.13	24.71	28.49	31.39	37.80	41.68	46.04	49.62	**49.99**	48.42	49.96	49.18	44.47	36.63	42.25	39.07	40.66	43.89	30.76
NC_980	11.59	16.62	20.68	24.02	26.58	32.41	36.92	38.67	**39.84**	35.37	34.92	34.73	31.48	28.41	23.26	25.47	21.34	21.98	22.32	15.71
NC_981	24.27	34.79	43.34	50.42	56.15	69.96	80.81	86.86	**90.42**	86.42	81.93	86.89	86.09	76.23	64.33	74.15	66.34	68.71	72.36	50.74
NC_982	8.87	11.81	14.22	16.34	19.12	25.58	29.99	31.14	**31.98**	26.87	27.45	26.39	24.83	23.94	16.61	18.93	15.08	15.60	15.70	11.28
NC_983	8.80	11.72	14.12	16.29	19.00	25.38	29.91	31.49	**32.39**	27.60	27.66	27.13	25.62	24.15	16.65	19.50	15.81	16.35	16.46	11.81
NC_984	1.36	1.57	1.61	**1.84**	1.72	1.44	1.61	1.67	1.54	1.09	0.93	0.69	0.60	0.60	0.40	0.39	0.30	0.30	0.31	0.22
NC_985	0.63	0.79	0.75	**0.92**	0.85	0.67	0.82	0.88	0.78	0.54	0.47	0.35	0.30	0.30	0.21	0.20	0.15	0.15	0.16	0.11
NC_986	1.75	2.36	2.74	2.94	2.82	2.79	3.19	3.26	**3.33**	2.61	2.25	1.91	1.64	1.66	1.15	1.10	0.84	0.86	0.87	0.61
NC_987	0.32	0.40	0.43	0.52	0.48	0.39	0.50	**0.55**	0.48	0.36	0.31	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.07
NC_988	0.48	0.61	0.57	**0.71**	0.66	0.52	0.64	0.69	0.61	0.42	0.36	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_989	3.08	3.54	3.82	**4.25**	3.98	3.43	3.82	4.00	3.76	2.70	2.32	1.75	1.51	1.51	1.02	0.98	0.75	0.77	0.78	0.55
NC_990	5.90	7.48	10.76	14.63	17.34	23.01	26.24	26.40	**27.02**	20.35	23.22	20.08	18.45	19.21	13.17	13.53	10.55	10.67	11.23	7.92
NC_991	0.38	0.48	0.45	**0.57**	0.53	0.41	0.51	0.55	0.49	0.33	0.29	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.07
NC_992	1.86	2.22	2.49	2.65	2.68	2.78	**2.92**	2.91	2.91	2.55	2.54	2.23	1.98	2.03	1.62	1.58	1.23	1.26	1.28	0.90
NC_993	0.98	1.16	1.21	**1.39**	1.30	1.08	1.25	1.32	1.21	0.86	0.74	0.56	0.48	0.48	0.33	0.31	0.24	0.24	0.25	0.17
NC_994	0.73	0.88	0.89	**1.06**	0.98	0.80	0.95	1.02	0.91	0.64	0.55	0.42	0.36	0.36	0.24	0.23	0.18	0.18	0.18	0.13
NC_995	1.13	1.34	1.38	**1.59**	1.48	1.24	1.42	1.49	1.36	0.97	0.84	0.63	0.54	0.54	0.37	0.35	0.27	0.28	0.28	0.20
NC_996	1.09	1.28	1.30	**1.50**	1.40	1.16	1.32	1.38	1.27	0.89	0.77	0.57	0.49	0.49	0.33	0.32	0.24	0.25	0.25	0.18
NC_997	3.16	3.81	4.30	4.65	4.37	3.98	4.56	**4.84**	4.84	3.60	3.19	2.71	2.34	2.38	1.63	1.56	1.19	1.22	1.24	0.86
NC_998	0.45	0.57	0.53	**0.65**	0.60	0.47	0.57	0.60	0.54	0.35	0.30	0.22	0.19	0.19	0.13	0.13	0.10	0.10	0.10	0.07
NC_999	0.95	1.14	1.12	**1.33**	1.24	1.00	1.17	1.24	1.10	0.77	0.66	0.49	0.43	0.43	0.29	0.28	0.21	0.22	0.22	0.15
NC_1000	1.67	2.09	2.40	2.56	2.50	2.61	2.91	3.01	**3.05**	2.42	2.28	1.98	1.73	1.79	1.26	1.22	0.93	0.96	0.97	0.68
NC_1001	1.41	1.65	1.90	2.06	1.94	1.81	2.10	**2.31**	2.31	1.78	1.60	1.42	1.21	1.25	0.86	0.83	0.63	0.65	0.65	0.46
NC_1002	0.88	1.06	1.04	**1.23**	1.15	0.93	1.09	1.15	1.02	0.71	0.61	0.46	0.39	0.39	0.27	0.26	0.20	0.20	0.20	0.14
NC_1003	0.67	0.80	0.83	**0.99**	0.92	0.75	0.90	0.97	0.86	0.62	0.53	0.40	0.35	0.35	0.24	0.23	0.17	0.18	0.18	0.12
NC_1004	0.81	0.94	1.10	1.24	1.15	1.00	1.19	**1.31**	1.23	0.91	0.79	0.63	0.54	0.55	0.37	0.36	0.27	0.28	0.28	0.19
NC_1005	4.28	5.30	5.96	6.39	6.03	5.54	6.30	6.59	**6.64**	4.93	4.36	3.67	3.17	3.22	2.20	2.11	1.61	1.65	1.67	1.17
NC_1006	0.50	0.63	0.59	**0.71**	0.66	0.52	0.63	0.67	0.60	0.39	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1007	8.27	10.83	12.51	13.35	12.73	12.16	13.78	14.01	**14.32**	10.82	9.60	8.06	6.98	7.16	4.87	4.67	3.56	3.65	3.70	2.59
NC_1008	1.68	1.91	2.08	**2.28**	2.14	1.87	2.04	2.12	2.03	1.45	1.24	0.94	0.81	0.81	0.55	0.53	0.40	0.41	0.42	0.29
NC_1009	0.50	0.63	0.61	**0.75**	0.70	0.55	0.69	0.75	0.65	0.46	0.40	0.31	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_1010	1.08	1.24	1.42	**1.55**	1.45	1.29	1.45	1.54	1.49	1.09	0.93	0.73	0.63	0.63	0.43	0.41	0.31	0.32	0.32	0.23
NC_1011	0.37	0.46	0.45	**0.56**	0.52	0.40	0.51	0.55	0.48	0.34	0.29	0.22	0.19	0.19	0.13	0.12	0.09	0.10	0.10	0.07
NC_1012	0.22	0.27	0.33	0.39	0.36	0.31	0.39	**0.44**	0.41	0.30	0.26	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.06
NC_1013	0.50	0.63	0.79	0.89	0.82	0.75	0.92	**1.07**	1.04	0.78	0.68	0.57	0.49	0.50	0.34	0.33	0.25	0.25	0.26	0.17
NC_1014	0.73	0.95	1.15	1.26	1.18	1.14	1.37	1.54	**1.55**	1.17	1.02	0.86	0.74	0.76	0.52	0.50	0.37	0.38	0.39	0.27
NC_1015	3.12	4.78	6.77	8.93	10.74	14.99	18.05	20.09	**21.12**	19.18	18.72	19.55	18.00	16.27	13.14	13.88	11.45	11.79	11.98	8.66
NC_1016	2.17	3.29	4.19	4.82	4.97	5.40	6.12	6.22	**6.49**	4.99	5.15	4.38	3.75	3.96	2.83	2.73	2.07	2.13	2.16	1.48
NC_1017	1.81	4.10	6.38	8.37	9.98	13.66	16.08	17.17	**17.88**	15.78	16.09	15.84	14.38	13.42	10.59	10.98	8.98	9.25	9.40	6.89
NC_1018	1.25	1.48	1.80	2.12	2.37	2.87	3.26	3.43	**3.58**	3.31	3.23	3.40	3.31	3.25	2.59	2.71	2.37	2.43	2.53	1.82
NC_1019	0.38	0.49	0.57	0.62	0.60	0.62	0.71	0.74	**0.77**	0.59	0.56	0.48	0.41	0.42	0.30	0.29	0.22	0.22	0.23	0.18
NC_1020	1.88	4.21	6.68	8.65	10.18	13.40	15.26	15.58	**16.04**	13.61	14.67	13.43	12.09	11.78	9.17	9.23	7.37	7.58	7.71	5.73

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1021	1.00	1.39	1.65	1.80	1.73	1.76	2.03	2.12	**2.19**	1.68	1.54	1.32	1.13	1.16	0.81	0.78	0.59	0.61	0.62	0.44
NC_1022	0.32	0.52	0.69	0.82	0.88	0.98	1.10	1.11	**1.16**	0.89	0.97	0.82	0.70	0.73	0.53	0.52	0.39	0.40	0.41	0.28
NC_1023	1.89	4.24	6.73	8.77	10.38	13.89	16.03	16.54	**17.07**	14.68	15.57	14.52	13.13	12.69	9.90	10.02	8.04	8.27	8.41	6.20
NC_1024	3.60	5.61	7.31	8.68	9.57	11.33	12.58	12.59	**12.86**	10.34	11.60	10.20	9.08	9.20	6.99	6.94	5.47	5.63	5.71	3.90
NC_1025	2.15	3.08	3.73	4.11	3.88	3.91	4.63	4.96	**5.09**	3.84	3.51	2.99	2.56	2.67	1.83	1.76	1.33	1.36	1.38	0.94
NC_1026	0.79	1.12	1.37	1.51	1.42	1.45	1.71	1.89	**1.92**	1.45	1.31	1.13	0.97	1.00	0.68	0.66	0.49	0.51	0.51	0.35
NC_1027	1.44	2.01	2.39	2.63	2.48	2.42	2.90	3.11	**3.18**	2.40	2.17	1.85	1.58	1.64	1.13	1.08	0.82	0.84	0.85	0.58
NC_1028	0.33	0.41	0.45	0.54	0.50	0.41	0.52	**0.58**	0.51	0.38	0.33	0.26	0.22	0.23	0.15	0.15	0.11	0.11	0.12	0.08
NC_1029	0.31	0.39	0.41	0.50	0.46	0.37	0.47	**0.52**	0.45	0.33	0.29	0.22	0.19	0.19	0.13	0.12	0.09	0.10	0.10	0.07
NC_1030	0.20	0.26	0.24	**0.30**	0.28	0.21	0.27	0.28	0.26	0.16	0.14	0.10	0.09	0.09	0.06	0.06	0.04	0.04	0.05	0.03
NC_1031	0.17	0.25	0.30	0.33	0.30	0.31	0.37	0.41	**0.41**	0.31	0.27	0.22	0.19	0.19	0.13	0.12	0.09	0.10	0.10	0.07
NC_1032	0.41	0.49	0.61	0.69	0.64	0.61	0.71	**0.83**	0.81	0.62	0.54	0.47	0.40	0.41	0.28	0.27	0.20	0.21	0.21	0.15
NC_1033	0.40	0.65	0.86	1.03	1.09	1.21	1.37	1.37	**1.44**	1.10	1.18	1.00	0.85	0.89	0.64	0.62	0.47	0.48	0.49	0.33
NC_1034	0.65	0.99	1.29	1.56	1.76	2.13	2.34	2.33	**2.37**	2.06	2.26	1.99	1.81	1.86	1.43	1.42	1.13	1.16	1.18	0.98
NC_1035	0.30	0.38	0.39	0.47	0.44	0.35	0.44	**0.49**	0.42	0.31	0.26	0.20	0.17	0.17	0.12	0.11	0.09	0.09	0.09	0.06
NC_1036	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.47	0.50	0.44	**0.57**
NC_1037	0.48	0.73	0.96	1.08	1.13	1.21	1.38	1.39	**1.47**	1.12	1.13	0.98	0.83	0.86	0.61	0.59	0.45	0.46	0.47	0.32
NC_1038	0.34	0.53	0.70	0.84	0.91	1.02	1.14	1.15	**1.19**	0.92	1.02	0.86	0.73	0.77	0.56	0.54	0.41	0.42	0.43	0.29
NC_1039	0.41	0.66	0.86	1.02	1.12	1.32	1.45	1.46	**1.47**	1.22	1.35	1.19	1.07	1.07	0.82	0.82	0.66	0.68	0.68	0.77
NC_1040	0.15	0.17	0.22	0.26	0.24	0.21	0.26	**0.29**	0.27	0.20	0.17	0.14	0.12	0.12	0.08	0.08	0.06	0.06	0.06	0.04
NC_1041	0.41	0.66	0.86	1.02	1.13	1.35	1.49	1.50	**1.52**	1.27	1.38	1.24	1.11	1.10	0.86	0.86	0.69	0.70	0.72	0.78
NC_1042	0.34	0.42	0.52	0.56	0.52	0.48	0.57	**0.64**	0.63	0.47	0.40	0.33	0.28	0.28	0.19	0.19	0.14	0.14	0.15	0.10
NC_1043	0.66	1.02	1.32	1.54	1.63	1.79	2.02	2.03	**2.12**	1.63	1.74	1.48	1.27	1.31	0.95	0.93	0.70	0.73	0.75	0.52
NC_1044	1.18	1.88	2.47	2.95	3.29	3.98	4.46	4.49	**4.61**	3.75	4.06	3.61	3.18	3.09	2.38	2.38	1.87	1.93	1.99	1.44
NC_1045	7.99	10.97	13.26	14.71	15.31	18.08	21.59	25.79	**27.49**	25.98	24.47	26.79	25.77	23.19	18.48	20.48	17.48	17.98	18.33	12.82
NC_1046	3.20	4.93	6.42	7.62	8.42	10.21	11.35	11.42	**11.71**	10.05	10.85	9.80	8.81	8.82	6.80	6.86	5.40	5.54	5.65	3.96
NC_1047	3.42	5.20	6.73	8.00	8.89	10.92	12.27	12.49	**12.89**	11.12	11.74	10.90	9.88	9.60	7.54	7.68	6.12	6.29	6.41	4.49
NC_1048	3.01	4.01	4.71	5.06	4.90	4.99	5.66	5.80	**5.98**	4.65	4.89	4.26	3.69	3.91	2.91	2.89	2.28	2.34	2.37	1.65
NC_1049	1.51	2.13	2.61	2.87	3.02	3.54	3.81	3.81	**3.94**	3.59	3.73	3.28	3.00	3.00	2.32	2.38	1.96	2.01	2.04	1.43
NC_1050	1.11	1.53	1.86	2.12	2.39	2.96	3.18	3.24	**3.33**	2.98	3.01	2.72	2.47	2.40	1.89	1.94	1.60	1.64	1.67	1.17
NC_1051	0.21	0.28	0.25	**0.32**	0.30	0.23	0.29	0.30	0.27	0.18	0.15	0.11	0.10	0.10	0.06	0.06	0.05	0.05	0.05	0.03
NC_1052	2.26	3.03	3.51	3.78	3.68	3.90	4.36	4.45	**4.62**	3.61	4.06	3.50	3.06	3.25	2.44	2.41	1.91	1.96	1.98	1.38
NC_1053	0.73	0.82	0.90	**1.00**	0.94	0.82	0.90	0.95	0.89	0.64	0.55	0.42	0.36	0.36	0.24	0.24	0.18	0.18	0.19	0.13
NC_1054	1.06	1.45	1.75	1.97	2.11	2.36	2.51	2.50	**2.51**	2.12	2.22	1.94	1.71	1.70	1.32	1.34	1.09	1.11	1.13	0.80
NC_1055	0.49	0.63	0.58	**0.71**	0.66	0.52	0.63	0.67	0.60	0.40	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1056	0.74	0.90	0.85	**1.01**	0.94	0.76	0.87	0.91	0.81	0.54	0.47	0.34	0.30	0.30	0.20	0.19	0.15	0.15	0.15	0.11
NC_1057	0.41	0.52	0.49	**0.57**	0.53	0.43	0.49	0.51	0.47	0.29	0.25	0.18	0.16	0.16	0.11	0.10	0.08	0.08	0.08	0.06
NC_1058	1.04	1.45	1.77	2.02	2.22	2.69	2.89	2.95	**3.01**	2.64	2.65	2.41	2.17	2.10	1.67	1.70	1.40	1.43	1.46	1.03
NC_1059	0.67	1.03	1.34	1.60	1.80	2.25	2.52	2.55	**2.63**	2.20	2.30	2.06	1.83	1.77	1.39	1.38	1.09	1.12	1.14	0.78
NC_1060	0.86	0.98	1.06	**1.18**	1.11	0.96	1.06	1.11	1.03	0.75	0.64	0.49	0.43	0.42	0.31	0.28	0.23	0.23	0.26	0.21
NC_1061	1.27	1.70	2.00	2.24	2.38	2.66	2.81	2.80	**2.82**	2.44	2.58	2.28	2.04	2.03	1.62	1.62	1.32	1.35	1.37	0.96
NC_1062	1.16	1.65	2.09	2.33	2.62	3.12	3.31	3.39	**3.50**	3.20	3.24	2.93	2.68	2.67	2.10	2.16	1.77	1.93	1.85	1.40
NC_1063	0.61	0.86	1.00	1.08	1.04	1.04	1.19	1.23	**1.26**	0.98	0.85	0.72	0.62	0.63	0.43	0.41	0.31	0.32	0.33	0.23
NC_1064	4.24	5.60	6.59	7.15	7.05	7.04	7.85	7.85	**7.95**	6.19	5.53	4.68	4.03	4.08	2.90	2.80	2.14	2.19	2.22	1.56
NC_1065	0.58	0.84	1.04	1.15	1.17	1.21	1.37	1.37	**1.41**	1.09	1.01	0.86	0.74	0.76	0.53	0.51	0.39	0.40	0.40	0.28
NC_1066	1.47	1.67	1.91	**2.10**	1.96	1.73	1.95	2.09	2.00	1.46	1.25	0.98	0.84	0.85	0.58	0.55	0.42	0.43	0.44	0.30
NC_1067	0.41	0.51	0.49	**0.60**	0.56	0.44	0.55	0.59	0.52	0.36	0.31	0.23	0.20	0.20	0.13	0.13	0.10	0.10	0.10	0.07
NC_1068	0.56	0.67	0.73	0.85	0.79	0.67	0.80	**0.87**	0.78	0.57	0.49	0.38	0.32	0.33	0.22	0.21	0.16	0.16	0.17	0.11
NC_1069	0.58	0.73	0.69	**0.81**	0.76	0.61	0.71	0.75	0.69	0.44	0.38	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_1070	0.86	1.03	1.00	**1.17**	1.09	0.89	1.02	1.06	0.97	0.65	0.56	0.41	0.36	0.36	0.24	0.23	0.18	0.18	0.18	0.13
NC_1071	0.31	0.40	0.37	**0.45**	0.41	0.33	0.39	0.42	0.37	0.24	0.21	0.15	0.13	0.13	0.09	0.08	0.06	0.07	0.07	0.05
NC_1072	0.39	0.49	0.49	0.60	0.56	0.44	0.56	**0.61**	0.53	0.38	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1073	3.10	3.58	3.90	**4.31**	4.04	3.51	3.92	4.10	3.88	2.80	2.40	1.83	1.58	1.59	1.07	1.03	0.79	0.81	0.82	0.57
NC_1074	4.32	5.26	5.89	**6.28**	5.93	5.40	5.96	6.09	6.15	4.48	3.81	3.00	2.59	2.61	1.76	1.69	1.29	1.32	1.34	0.94
NC_1075	1.58	1.89	1.96	**2.29**	2.13	1.76	2.09	2.25	2.03	1.45	1.25	0.95	0.82	0.83	0.56	0.54	0.41	0.42	0.42	0.30
NC_1076	0.22	0.27	0.32	0.38	0.35	0.30	0.38	**0.43**	0.38	0.29	0.25	0.20	0.17	0.17	0.11	0.11	0.08	0.08	0.09	0.06
NC_1077	0.15	0.19	0.21	0.26	0.24	0.20	0.25	**0.27**	0.24	0.17	0.15	0.12	0.10	0.10	0.07	0.06	0.05	0.05	0.05	0.03
NC_1078	1.14	1.29	1.45	**1.58**	1.48	1.31	1.45	1.52	1.45	1.06	0.89	0.69	0.60	0.60	0.40	0.39	0.30	0.30	0.31	0.22
NC_1079	1.47	1.88	2.13	2.26	2.15	2.05	2.34	2.43	**2.44**	1.89	1.61	1.35	1.16	1.18	0.81	0.78	0.60	0.61	0.62	0.44
NC_1080	0.31	0.41	0.38	**0.45**	0.42	0.33	0.39	0.41	0.38	0.24	0.21	0.15	0.13	0.13	0.09	0.08	0.06	0.07	0.07	0.05
NC_1081	0.45	0.62	0.73	0.81	0.82	0.88	0.99	1.03	**1.07**	0.85	0.78	0.69	0.58	0.60	0.42	0.41	0.31	0.32	0.32	0.22
NC_1082	0.63	0.74	0.89	0.97	0.91	0.83	0.95	**1.04**	1.01	0.76	0.65	0.53	0.45	0.46	0.31	0.30	0.23	0.23	0.24	0.16
NC_1083	0.25	0.31	0.34	0.41	0.38	0.31	0.39	**0.43**	0.38	0.28	0.24	0.19	0.16	0.16	0.11	0.10	0.08	0.08	0.08	0.06
NC_1084	0.40	0.48	0.58	0.68	0.63	0.53	0.68	**0.78**	0.71	0.54	0.47	0.39	0.34	0.34	0.24	0.23	0.17	0.18	0.18	0.12
NC_1085	0.45	0.64	0.76	0.83	0.84	0.89	1.00	1.04	**1.08**	0.85	0.78	0.68	0.58	0.60	0.42	0.40	0.30	0.31	0.32	0.22
NC_1086	0.29	0.36	0.36	0.45	0.42	0.33	0.42	**0.46**	0.40	0.28	0.25	0.19	0.16	0.16	0.11	0.10	0.08	0.08	0.08	0.06
NC_1087	1.15	1.35	1.59	1.72	1.78	1.99	2.20	2.18	**2.26**	1.79	1.95	1.66	1.43	1.51	1.09	1.06	0.81	0.83	0.85	0.59
NC_1088	0.83	0.97	1.07	1.21	1.13	0.98	1.15	**1.26**	1.18	0.89	0.76	0.62	0.53	0.54	0.37	0.35	0.27	0.27	0.28	0.19
NC_1089	0.48	0.55	0.66	0.73	0.68	0.61	0.72	**0.80**	0.77	0.58	0.50	0.41	0.35	0.36	0.25	0.24	0.18	0.18	0.19	0.13
NC_1090	0.31	0.38	0.40	0.49	0.45	0.37	0.47	**0.51**	0.44	0.33	0.28	0.22	0.19	0.19	0.13	0.12	0.09	0.09	0.10	0.07
NC_1091	1.30	1.48	1.68	1.86	1.74	1.53	1.74	**1.89**	1.80	1.34	1.15	0.93	0.80	0.81	0.55	0.53	0.40	0.41	0.42	0.29
NC_1092	4.08	6.02	7.66	9.04	10.08	12.36	14.05	14.43	**14.78**	12.76	12.98	12.06	10.74	9.82	7.91	8.13	6.65	6.83	6.92	4.80
NC_1093	1.17	1.54	1.80	1.95	1.98	2.21	2.43	2.43	**2.53**	1.99	2.17	1.86	1.61	1.69	1.24	1.21	0.92	0.95	0.96	0.67

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1094	1.23	1.59	1.79	1.91	1.81	1.71	1.96	2.03	**2.05**	1.57	1.36	1.15	0.99	1.01	0.69	0.66	0.50	0.52	0.52	0.37
NC_1095	1.38	1.60	1.79	1.98	1.85	1.63	1.87	**2.01**	1.93	1.43	1.23	0.99	0.86	0.87	0.59	0.56	0.43	0.44	0.45	0.31
NC_1096	0.41	0.53	0.65	0.72	0.67	0.71	0.80	**0.92**	0.91	0.71	0.63	0.56	0.48	0.49	0.34	0.33	0.25	0.25	0.26	0.18
NC_1097	0.38	0.59	0.75	0.83	0.87	0.93	1.06	1.08	**1.13**	0.87	0.87	0.76	0.64	0.67	0.47	0.46	0.35	0.36	0.36	0.25
NC_1098	0.53	0.61	0.68	**0.76**	0.71	0.61	0.69	0.73	0.69	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_1099	0.57	0.64	0.76	0.84	0.78	0.70	0.79	**0.86**	0.82	0.60	0.51	0.40	0.35	0.35	0.24	0.23	0.17	0.18	0.18	0.13
NC_1100	4.01	5.93	7.55	8.91	9.95	12.24	13.95	14.46	**14.84**	12.92	12.98	12.24	10.86	9.84	7.94	8.29	6.82	7.01	7.10	4.93
NC_1101	3.06	4.38	5.48	6.37	6.97	7.95	**8.68**	8.59	8.63	6.95	7.25	6.18	5.39	5.46	4.16	4.06	3.11	3.20	3.23	2.25
NC_1102	36.99	51.26	63.22	73.46	83.46	107.60	126.00	138.95	**144.92**	135.71	127.22	136.05	134.53	121.24	98.36	116.75	101.95	106.27	110.77	77.63
NC_1103	1.22	1.37	1.56	**1.70**	1.60	1.42	1.57	1.65	1.57	1.16	0.98	0.76	0.66	0.66	0.45	0.43	0.33	0.34	0.34	0.24
NC_1104	0.60	0.69	0.75	**0.82**	0.77	0.67	0.74	0.76	0.72	0.51	0.44	0.33	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_1105	0.33	0.47	0.59	0.68	0.76	0.93	1.72	3.04	3.52	3.49	3.20	3.93	**5.40**	5.39	3.18	4.27	3.54	3.62	3.68	2.61
NC_1106	36.84	51.02	62.87	72.83	82.75	106.82	124.51	135.92	**141.38**	132.07	124.46	131.99	129.80	117.35	96.22	112.28	98.24	102.25	106.68	74.74
NC_1107	2.81	3.97	4.89	5.59	5.96	6.41	7.08	7.02	**7.08**	5.59	5.70	4.75	4.12	4.28	3.12	3.02	2.31	2.36	2.40	1.67
NC_1108	0.57	0.65	0.70	**0.79**	0.74	0.63	0.71	0.74	0.69	0.49	0.42	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_1109	4.55	5.68	6.42	6.91	6.53	6.09	7.02	7.38	**7.45**	5.65	5.17	4.52	3.87	4.08	2.90	2.84	2.17	2.23	2.26	1.57
NC_1110	3.40	4.56	5.39	5.83	5.71	5.79	6.56	6.69	**6.86**	5.32	5.16	4.48	3.89	4.03	2.92	2.85	2.18	2.23	2.26	1.58
NC_1111	0.94	1.10	1.19	1.37	1.28	1.09	1.29	**1.41**	1.28	0.97	0.83	0.67	0.57	0.58	0.40	0.38	0.29	0.30	0.30	0.21
NC_1112	41.93	58.59	72.59	84.51	94.32	120.06	139.84	154.43	**161.21**	151.26	142.19	151.20	148.93	134.38	109.97	129.11	112.08	117.60	122.25	85.60
NC_1113	38.03	53.66	68.45	81.29	91.99	117.36	136.66	153.81	**161.79**	154.15	145.09	153.86	152.03	133.82	110.43	132.59	116.52	122.90	127.62	89.88
NC_1114	37.90	53.51	68.23	81.06	91.73	117.02	136.23	153.45	**161.69**	154.32	145.37	153.99	152.16	133.55	110.63	133.25	116.38	123.20	128.17	90.27
NC_1115	0.93	1.11	1.12	**1.32**	1.23	1.01	1.19	1.27	1.12	0.81	0.69	0.52	0.45	0.45	0.31	0.29	0.22	0.23	0.23	0.16
NC_1116	1.11	1.30	1.37	**1.57**	1.46	1.23	1.42	1.50	1.38	0.99	0.85	0.64	0.56	0.56	0.38	0.36	0.28	0.28	0.29	0.20
NC_1117	1.79	2.22	2.53	2.68	2.54	2.38	2.71	2.83	**2.87**	2.18	1.84	1.52	1.31	1.32	0.90	0.87	0.66	0.68	0.69	0.48
NC_1118	0.36	0.46	0.43	**0.50**	0.47	0.38	0.44	0.46	0.42	0.26	0.23	0.17	0.14	0.14	0.10	0.09	0.07	0.07	0.07	0.05
NC_1119	8.68	11.27	12.87	13.69	13.06	12.40	13.83	13.81	**14.16**	10.66	9.20	7.48	6.47	6.57	4.44	4.26	3.25	3.33	3.37	2.37
NC_1120	1.37	1.54	1.81	1.94	1.83	1.66	1.84	**1.96**	1.88	1.42	1.19	0.95	0.82	0.83	0.56	0.54	0.42	0.43	0.43	0.30
NC_1121	10.31	13.88	16.59	18.34	18.65	19.37	21.53	21.55	**21.94**	17.34	18.47	16.99	15.65	16.23	12.96	13.56	10.90	11.20	11.38	7.99
NC_1122	0.40	0.51	0.47	**0.57**	0.53	0.42	0.51	0.54	0.48	0.31	0.27	0.20	0.17	0.17	0.12	0.11	0.09	0.09	0.09	0.06
NC_1123	1.15	1.36	1.42	**1.63**	1.52	1.28	1.47	1.56	1.43	1.02	0.88	0.67	0.58	0.58	0.39	0.38	0.29	0.29	0.30	0.21
NC_1124	10.53	13.97	16.48	17.90	17.75	18.12	20.33	20.50	**20.99**	16.47	17.62	16.09	14.81	15.53	12.36	12.88	10.32	10.60	10.77	7.56
NC_1125	10.84	14.30	16.78	18.07	17.80	18.07	20.35	20.58	**21.11**	16.53	17.62	16.03	14.75	15.59	12.41	12.80	10.26	10.54	10.71	7.52
NC_1126	0.46	0.58	0.56	**0.69**	0.64	0.51	0.63	0.68	0.60	0.42	0.36	0.28	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_1127	1.54	1.75	1.82	**2.04**	1.91	1.63	1.78	1.84	1.71	1.22	1.04	0.78	0.68	0.68	0.46	0.44	0.34	0.35	0.35	0.25
NC_1128	0.92	1.11	1.09	**1.29**	1.21	0.98	1.15	1.21	1.08	0.76	0.65	0.49	0.42	0.42	0.28	0.27	0.21	0.21	0.22	0.15
NC_1129	1.90	2.17	2.37	**2.56**	2.40	2.13	2.30	2.36	2.30	1.65	1.41	1.08	0.93	0.93	0.63	0.61	0.46	0.48	0.48	0.34
NC_1130	2.76	3.24	3.63	**3.93**	3.69	3.30	3.67	3.82	3.77	2.73	2.33	1.83	1.58	1.59	1.08	1.03	0.79	0.81	0.82	0.57
NC_1131	2.08	2.84	3.74	4.68	5.39	6.99	8.11	8.49	**8.71**	7.58	7.41	7.12	6.24	5.80	4.84	5.04	4.25	4.36	4.45	3.12
NC_1132	0.80	1.00	0.95	**1.16**	1.08	0.85	1.04	1.11	0.98	0.69	0.60	0.45	0.39	0.39	0.27	0.26	0.20	0.20	0.20	0.14
NC_1133	2.99	3.53	4.00	4.37	4.10	3.66	4.15	**4.37**	4.27	3.13	2.66	2.09	1.81	1.82	1.23	1.18	0.90	0.92	0.93	0.65
NC_1134	1.58	1.84	1.98	**2.25**	2.10	1.78	2.04	2.18	2.01	1.45	1.25	0.95	0.82	0.82	0.55	0.53	0.41	0.42	0.42	0.30
NC_1135	0.37	0.46	0.45	**0.56**	0.52	0.41	0.51	0.55	0.49	0.34	0.29	0.22	0.19	0.19	0.13	0.12	0.09	0.10	0.10	0.07
NC_1136	0.52	0.81	1.06	1.25	1.33	1.46	1.64	1.65	**1.72**	1.33	1.39	1.18	1.01	1.05	0.75	0.73	0.55	0.57	0.58	0.39
NC_1137	3.39	4.49	5.27	5.68	5.51	5.41	6.12	6.18	**6.29**	4.83	4.27	3.56	3.06	3.13	2.18	2.09	1.60	1.64	1.66	1.17
NC_1138	0.43	0.55	0.51	**0.62**	0.58	0.45	0.55	0.58	0.52	0.34	0.30	0.22	0.19	0.19	0.13	0.12	0.09	0.10	0.10	0.07
NC_1139	1.15	1.38	1.36	**1.61**	1.50	1.22	1.43	1.50	1.33	0.95	0.82	0.61	0.53	0.53	0.36	0.34	0.26	0.27	0.27	0.19
NC_1140	0.76	0.87	0.98	**1.09**	1.02	0.89	1.02	1.09	1.01	0.75	0.64	0.50	0.43	0.43	0.29	0.28	0.22	0.22	0.22	0.16
NC_1141	2.19	2.72	3.98	4.84	5.23	5.96	6.69	6.76	**6.90**	5.15	5.43	4.54	3.74	3.82	2.66	2.68	2.30	2.36	2.40	1.70
NC_1142	2.13	2.67	3.77	4.62	5.07	5.92	6.64	6.68	**6.79**	5.14	5.46	4.61	3.85	3.79	2.74	2.77	2.39	2.45	2.49	1.76
NC_1143	0.69	0.84	0.84	**1.00**	0.93	0.75	0.91	0.98	0.87	0.62	0.53	0.40	0.35	0.35	0.24	0.23	0.17	0.18	0.18	0.13
NC_1144	2.15	2.71	3.81	4.69	5.20	6.32	7.08	7.10	**7.21**	5.57	5.85	5.04	4.27	3.98	3.14	3.15	2.68	2.75	2.80	1.98
NC_1145	2.20	2.74	3.85	4.75	5.30	6.58	7.37	7.38	**7.50**	5.87	6.13	5.34	4.56	4.20	3.40	3.40	2.87	2.95	3.00	2.12
NC_1146	0.48	0.61	0.56	**0.69**	0.64	0.50	0.62	0.65	0.58	0.39	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1147	0.53	0.61	0.65	**0.74**	0.69	0.59	0.66	0.70	0.65	0.46	0.40	0.30	0.26	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_1148	2.53	3.30	3.89	4.81	5.44	6.90	7.73	7.77	**7.91**	6.30	6.52	5.75	4.97	4.60	3.74	3.78	3.16	3.24	3.29	2.32
NC_1149	0.66	0.81	0.79	**0.96**	0.89	0.71	0.86	0.91	0.82	0.57	0.49	0.37	0.32	0.32	0.21	0.21	0.16	0.16	0.16	0.11
NC_1150	0.43	0.55	0.51	**0.63**	0.59	0.45	0.57	0.60	0.54	0.36	0.31	0.23	0.20	0.20	0.14	0.13	0.10	0.10	0.10	0.07
NC_1151	1.07	1.26	1.47	1.57	1.47	1.34	1.52	**1.60**	1.59	1.17	0.99	0.79	0.68	0.68	0.46	0.45	0.34	0.35	0.35	0.25
NC_1152	1.24	1.49	1.73	1.85	1.74	1.60	1.80	**1.89**	1.89	1.40	1.18	0.95	0.82	0.82	0.56	0.53	0.41	0.42	0.42	0.30
NC_1153	1.28	1.53	1.77	1.90	1.79	1.64	1.85	**1.95**	1.93	1.44	1.22	0.97	0.84	0.85	0.57	0.55	0.42	0.43	0.43	0.30
NC_1154	1.28	1.58	1.52	**1.83**	1.70	1.36	1.63	1.73	1.56	1.07	0.92	0.69	0.60	0.60	0.40	0.39	0.29	0.30	0.31	0.22
NC_1155	1.91	2.27	2.63	2.79	2.63	2.44	2.75	**2.90**	2.87	2.18	1.83	1.50	1.29	1.30	0.89	0.86	0.66	0.67	0.68	0.48
NC_1156	2.03	2.47	2.74	**2.92**	2.75	2.52	2.76	2.80	2.82	2.06	1.76	1.38	1.19	1.20	0.81	0.78	0.59	0.61	0.62	0.43
NC_1157	1.98	2.61	3.00	3.21	3.07	2.98	3.41	3.50	**3.54**	2.74	2.36	1.99	1.70	1.73	1.20	1.15	0.88	0.90	0.91	0.64
NC_1158	3.37	4.55	5.42	5.94	5.88	5.89	6.61	6.59	**6.73**	5.19	4.70	3.92	3.37	3.45	2.42	2.33	1.78	1.82	1.85	1.30
NC_1159	3.37	4.57	5.46	6.01	5.99	6.03	6.75	6.72	**6.85**	5.30	4.83	4.04	3.47	3.56	2.50	2.41	1.84	1.88	1.91	1.34
NC_1160	3.34	4.57	5.50	6.12	6.20	6.34	7.06	7.01	**7.11**	5.55	5.17	4.29	3.70	3.80	2.70	2.60	1.98	2.03	2.06	1.44
NC_1161	1.34	1.59	1.86	2.08	2.04	2.29	2.55	2.63	**2.68**	2.16	2.27	1.96	1.66	1.75	1.26	1.22	0.93	0.95	0.97	0.66
NC_1162	0.50	0.62	0.62	0.76	0.71	0.57	0.71	**0.77**	0.67	0.49	0.42	0.33	0.28	0.28	0.19	0.19	0.14	0.14	0.15	0.10
NC_1163	0.64	0.78	0.77	**0.93**	0.87	0.70	0.84	0.90	0.79	0.56	0.48	0.36	0.31	0.31	0.21	0.20	0.15	0.16	0.16	0.11
NC_1164	0.67	0.95	1.26	1.53	1.69	1.89	2.11	2.12	**2.17**	1.70	1.87	1.57	1.35	1.41	1.03	1.00	0.76	0.78	0.80	0.54
NC_1165	0.36	0.45	0.44	**0.54**	0.50	0.40	0.50	0.54	0.47	0.33	0.28	0.22	0.19	0.19	0.13	0.12	0.09	0.09	0.10	0.07
NC_1166	0.85	1.06	0.99	**1.19**	1.10	0.88	1.04	1.09	0.97	0.65	0.56	0.42	0.36	0.36	0.24	0.23	0.18	0.18	0.19	0.13

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1167	1.70	2.12	2.44	2.62	2.63	2.92	3.24	3.27	**3.44**	2.70	2.93	2.51	2.14	2.27	1.66	1.61	1.24	1.27	1.29	0.89
NC_1168	4.06	5.84	7.31	8.48	9.20	10.26	11.25	11.18	**11.26**	8.99	9.26	7.79	6.75	6.85	5.13	4.99	3.82	3.92	3.97	2.76
NC_1169	0.51	0.77	1.01	1.21	1.35	1.70	1.93	2.00	**2.07**	1.83	1.86	1.82	1.67	1.54	1.21	1.28	1.09	1.12	1.16	0.80
NC_1170	0.31	0.46	0.58	0.69	0.77	1.03	1.19	1.22	**1.27**	1.10	1.13	1.07	0.98	0.88	0.69	0.72	0.61	0.63	0.65	0.45
NC_1171	0.20	0.25	0.33	0.37	0.34	0.31	0.39	**0.44**	0.42	0.32	0.27	0.23	0.19	0.20	0.13	0.13	0.10	0.10	0.10	0.07
NC_1172	0.27	0.40	0.47	0.52	0.51	0.54	0.62	0.68	**0.70**	0.54	0.48	0.42	0.35	0.36	0.25	0.24	0.18	0.19	0.19	0.13
NC_1173	0.96	1.36	1.67	1.86	1.99	2.42	2.66	2.80	**2.91**	2.64	2.65	2.67	2.49	2.36	1.83	1.94	1.67	1.72	1.77	1.23
NC_1174	0.56	0.70	0.68	**0.83**	0.77	0.61	0.76	0.82	0.72	0.51	0.44	0.33	0.29	0.29	0.19	0.19	0.14	0.15	0.15	0.10
NC_1175	0.42	0.54	0.50	**0.61**	0.57	0.44	0.54	0.58	0.52	0.34	0.29	0.22	0.19	0.19	0.13	0.12	0.09	0.09	0.10	0.07
NC_1176	0.52	0.81	1.05	1.18	1.23	1.31	1.51	1.51	**1.59**	1.23	1.22	1.05	0.89	0.93	0.66	0.63	0.48	0.49	0.50	0.34
NC_1177	3.97	5.74	7.21	8.40	9.16	10.49	11.53	11.46	**11.57**	9.32	9.61	8.22	7.16	7.14	5.47	5.34	4.11	4.22	4.27	2.97
NC_1178	0.88	1.30	1.65	1.91	2.09	2.54	2.81	2.93	**3.04**	2.79	2.78	2.82	2.64	2.48	1.91	2.07	1.78	1.84	1.90	1.32
NC_1179	0.22	0.26	0.32	0.38	0.35	0.30	0.38	**0.42**	0.38	0.29	0.25	0.20	0.17	0.17	0.12	0.11	0.08	0.09	0.09	0.06
NC_1180	0.41	0.52	0.48	**0.59**	0.55	0.43	0.53	0.57	0.50	0.34	0.29	0.22	0.19	0.19	0.13	0.12	0.09	0.09	0.10	0.07
NC_1181	0.85	1.00	1.19	1.27	1.19	1.10	1.25	**1.34**	1.31	0.99	0.84	0.68	0.59	0.59	0.40	0.39	0.30	0.30	0.31	0.21
NC_1182	0.98	1.35	1.58	1.71	1.64	1.65	1.89	1.95	**1.99**	1.55	1.35	1.15	0.99	1.01	0.70	0.67	0.51	0.52	0.53	0.37
NC_1183	0.75	1.09	1.34	1.48	1.52	1.67	1.88	1.90	**1.99**	1.54	1.67	1.43	1.23	1.28	0.94	0.93	0.70	0.72	0.73	0.50
NC_1184	0.47	0.54	0.62	**0.68**	0.64	0.56	0.63	0.67	0.64	0.46	0.40	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_1185	0.42	0.65	0.85	1.00	1.09	1.23	1.37	1.37	**1.42**	1.10	1.25	1.06	0.91	0.95	0.70	0.69	0.52	0.54	0.54	0.37
NC_1186	0.24	0.30	0.34	0.40	0.37	0.31	0.39	**0.44**	0.38	0.29	0.25	0.19	0.17	0.17	0.11	0.11	0.08	0.08	0.09	0.06
NC_1187	0.95	1.41	1.79	2.09	2.28	2.71	2.98	3.08	**3.19**	2.94	2.95	2.97	2.79	2.64	2.06	2.19	1.89	1.95	2.01	1.40
NC_1188	0.89	1.37	1.76	2.06	2.21	2.46	2.75	2.76	**2.85**	2.22	2.46	2.09	1.81	1.88	1.39	1.37	1.05	1.07	1.09	0.74
NC_1189	0.39	0.49	0.47	**0.59**	0.54	0.43	0.53	0.58	0.51	0.35	0.30	0.23	0.20	0.20	0.13	0.13	0.10	0.10	0.10	0.07
NC_1190	3.35	4.64	5.61	6.23	6.31	6.53	7.29	7.29	**7.44**	5.82	5.46	4.60	3.95	4.06	2.90	2.81	2.14	2.19	2.22	1.55
NC_1191	0.89	1.10	1.02	**1.24**	1.15	0.91	1.09	1.15	1.02	0.69	0.60	0.44	0.38	0.38	0.26	0.25	0.19	0.20	0.20	0.14
NC_1192	2.10	2.48	2.85	3.13	2.93	2.62	3.03	**3.24**	3.14	2.33	1.99	1.61	1.38	1.40	0.95	0.91	0.69	0.71	0.72	0.50
NC_1193	2.29	3.13	3.74	4.06	4.04	4.07	4.55	4.54	**4.67**	3.61	3.29	2.78	2.37	2.45	1.71	1.65	1.26	1.29	1.31	0.92
NC_1194	11.79	15.18	17.45	18.61	17.91	17.22	19.31	19.50	**19.75**	15.14	13.32	11.14	9.64	9.83	6.86	6.59	5.03	5.16	5.25	3.75
NC_1195	1.33	1.53	1.63	**1.85**	1.73	1.47	1.65	1.75	1.62	1.16	1.00	0.75	0.65	0.65	0.44	0.42	0.32	0.33	0.34	0.24
NC_1196	1.06	1.23	1.30	**1.50**	1.40	1.17	1.35	1.43	1.29	0.93	0.80	0.60	0.52	0.52	0.35	0.33	0.26	0.26	0.26	0.19
NC_1197	0.51	0.65	0.61	**0.72**	0.67	0.54	0.63	0.66	0.59	0.38	0.33	0.24	0.21	0.21	0.14	0.13	0.10	0.11	0.11	0.08
NC_1198	0.68	0.85	0.80	**0.94**	0.87	0.71	0.82	0.86	0.77	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_1199	6.81	8.37	9.42	10.00	9.52	8.95	10.06	**10.43**	10.37	8.04	6.95	5.93	5.13	5.22	3.65	3.50	2.68	2.74	2.81	2.03
NC_1200	0.68	0.86	0.80	**0.95**	0.88	0.71	0.83	0.87	0.78	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_1201	5.69	6.92	7.78	8.25	7.86	7.41	8.32	**8.66**	8.61	6.73	5.83	4.98	4.31	4.39	3.07	2.95	2.25	2.31	2.36	1.72
NC_1202	0.83	1.03	0.97	**1.15**	1.07	0.86	1.00	1.05	0.94	0.63	0.54	0.40	0.35	0.35	0.23	0.22	0.17	0.18	0.18	0.13
NC_1203	1.24	1.44	1.57	**1.77**	1.65	1.43	1.65	1.76	1.64	1.22	1.04	0.82	0.71	0.72	0.49	0.47	0.36	0.37	0.37	0.26
NC_1204	1.44	1.64	1.77	**1.98**	1.85	1.59	1.77	1.86	1.74	1.25	1.07	0.81	0.70	0.70	0.47	0.45	0.35	0.36	0.36	0.25
NC_1205	1.04	1.25	1.22	**1.44**	1.34	1.09	1.26	1.32	1.18	0.82	0.71	0.52	0.45	0.45	0.31	0.29	0.23	0.23	0.23	0.17
NC_1206	0.42	0.54	0.51	**0.59**	0.55	0.45	0.52	0.54	0.49	0.31	0.27	0.20	0.17	0.17	0.11	0.11	0.08	0.09	0.09	0.06
NC_1207	0.89	1.09	1.03	**1.23**	1.15	0.92	1.07	1.11	0.99	0.68	0.59	0.43	0.37	0.37	0.25	0.24	0.18	0.19	0.19	0.14
NC_1208	0.61	0.77	0.71	**0.87**	0.80	0.63	0.77	0.81	0.72	0.48	0.42	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_1209	1.12	1.32	1.35	**1.57**	1.47	1.21	1.41	1.50	1.35	0.97	0.83	0.63	0.54	0.55	0.37	0.36	0.27	0.28	0.28	0.20
NC_1210	0.69	0.81	0.93	1.05	0.98	0.85	1.02	**1.13**	1.07	0.81	0.70	0.58	0.50	0.51	0.35	0.33	0.25	0.26	0.26	0.18
NC_1211	2.08	2.41	2.54	**2.87**	2.69	2.28	2.58	2.71	2.52	1.81	1.55	1.18	1.02	1.02	0.69	0.66	0.50	0.52	0.52	0.37
NC_1212	1.24	1.44	1.46	**1.68**	1.57	1.30	1.46	1.52	1.39	0.97	0.84	0.62	0.53	0.53	0.36	0.35	0.27	0.27	0.28	0.19
NC_1213	0.36	0.45	0.45	0.55	0.51	0.40	0.51	**0.55**	0.48	0.34	0.29	0.22	0.19	0.19	0.13	0.13	0.09	0.10	0.10	0.07
NC_1214	0.38	0.49	0.45	**0.56**	0.52	0.40	0.49	0.52	0.47	0.31	0.27	0.20	0.17	0.17	0.11	0.11	0.08	0.09	0.09	0.06
NC_1215	7.76	9.72	10.95	11.62	11.06	10.46	11.76	**12.16**	12.13	9.40	8.11	6.91	5.98	6.10	4.24	4.08	3.11	3.19	3.26	2.35
NC_1216	2.45	2.98	3.37	3.62	3.41	3.13	3.52	3.66	**3.67**	2.72	2.34	1.89	1.63	1.65	1.13	1.08	0.83	0.85	0.86	0.60
NC_1217	0.43	0.54	0.51	**0.61**	0.57	0.45	0.54	0.57	0.51	0.33	0.29	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.07
NC_1218	0.81	0.95	1.03	1.18	1.10	0.94	1.11	**1.19**	1.08	0.81	0.69	0.54	0.47	0.47	0.32	0.31	0.24	0.24	0.25	0.17
NC_1219	1.97	2.63	3.11	3.34	3.24	3.18	3.61	3.65	**3.73**	2.84	2.56	2.16	1.84	1.89	1.31	1.27	0.97	0.99	1.00	0.70
NC_1220	1.95	2.27	2.31	**2.66**	2.49	2.07	2.36	2.47	2.21	1.61	1.38	1.04	0.90	0.90	0.61	0.59	0.45	0.46	0.47	0.33
NC_1221	0.47	0.60	0.56	**0.66**	0.61	0.49	0.58	0.61	0.55	0.35	0.31	0.22	0.19	0.19	0.13	0.13	0.10	0.10	0.10	0.07
NC_1222	1.64	1.89	2.07	**2.26**	2.12	1.87	2.05	2.12	2.05	1.46	1.25	0.95	0.82	0.82	0.56	0.53	0.41	0.42	0.42	0.30
NC_1223	0.86	1.05	1.00	**1.18**	1.10	0.89	1.03	1.07	0.96	0.65	0.56	0.41	0.36	0.36	0.24	0.23	0.18	0.18	0.18	0.13
NC_1224	0.54	0.67	0.67	**0.81**	0.75	0.60	0.74	0.80	0.71	0.51	0.44	0.34	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.10
NC_1225	1.33	1.55	1.81	1.98	1.85	1.67	1.92	**2.06**	2.00	1.49	1.27	1.03	0.89	0.90	0.61	0.59	0.45	0.46	0.46	0.32
NC_1226	0.99	1.16	1.40	1.53	1.43	1.31	1.54	**1.72**	1.67	1.29	1.10	0.94	0.81	0.82	0.57	0.55	0.42	0.43	0.44	0.30
NC_1227	12.23	16.07	18.77	20.29	19.85	19.53	21.80	21.81	**22.12**	17.11	15.31	12.85	11.10	11.32	7.97	7.67	5.86	6.00	6.11	4.35
NC_1228	13.15	17.45	20.57	22.45	22.24	22.17	24.60	24.45	**24.77**	19.28	17.46	14.66	12.66	12.92	9.15	8.80	6.72	6.89	7.00	4.98
NC_1229	2.26	2.73	3.08	**3.26**	3.08	2.85	3.12	3.18	3.20	2.39	2.00	1.60	1.38	1.39	0.94	0.91	0.69	0.71	0.72	0.51
NC_1230	1.00	1.21	1.16	**1.37**	1.28	1.03	1.20	1.25	1.12	0.77	0.67	0.49	0.43	0.43	0.29	0.28	0.21	0.22	0.22	0.16
NC_1231	1.58	1.81	1.91	**2.15**	2.02	1.71	1.90	1.99	1.84	1.32	1.13	0.85	0.73	0.74	0.50	0.48	0.37	0.37	0.38	0.27
NC_1232	0.44	0.53	0.63	0.74	0.68	0.58	0.73	**0.84**	0.77	0.58	0.51	0.42	0.36	0.37	0.25	0.24	0.19	0.19	0.19	0.13
NC_1233	2.05	2.65	3.08	3.35	3.15	2.93	3.48	3.72	**3.75**	2.82	2.51	2.13	1.82	1.86	1.28	1.23	0.93	0.96	0.97	0.67
NC_1234	1.57	2.05	2.44	2.67	2.50	2.33	2.83	3.09	**3.11**	2.31	2.05	1.72	1.47	1.49	1.02	0.98	0.74	0.76	0.77	0.53
NC_1235	0.98	1.30	1.53	1.67	1.72	1.88	2.11	2.13	**2.24**	1.74	1.82	1.56	1.33	1.40	1.01	0.99	0.75	0.77	0.78	0.54
NC_1236	0.34	0.43	0.42	0.52	0.48	0.38	0.48	**0.52**	0.46	0.32	0.28	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.07
NC_1237	1.42	1.72	2.01	2.16	2.27	2.50	2.77	2.76	**2.88**	2.27	2.52	2.14	1.83	1.95	1.44	1.42	1.09	1.11	1.13	0.78
NC_1238	0.56	0.65	0.73	0.83	0.77	0.66	0.78	**0.84**	0.78	0.57	0.49	0.38	0.33	0.33	0.22	0.21	0.16	0.17	0.17	0.12
NC_1239	2.04	2.37	2.83	3.09	2.90	3.03	3.39	3.64	**3.65**	2.89	2.98	2.59	2.21	2.34	1.70	1.67	1.28	1.31	1.33	0.92

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1240	2.32	2.76	3.23	3.51	3.30	3.34	3.73	4.05	**4.07**	3.20	3.24	2.83	2.41	2.58	1.87	1.83	1.40	1.44	1.46	1.01
NC_1241	0.69	0.84	0.82	**0.99**	0.92	0.74	0.88	0.93	0.84	0.58	0.50	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.16	0.12
NC_1242	0.90	1.06	1.10	**1.27**	1.18	0.99	1.13	1.20	1.10	0.77	0.66	0.50	0.43	0.43	0.29	0.28	0.21	0.22	0.22	0.15
NC_1243	0.78	0.95	0.93	**1.11**	1.03	0.83	0.98	1.04	0.93	0.65	0.56	0.41	0.36	0.36	0.24	0.23	0.18	0.18	0.18	0.13
NC_1244	1.73	2.06	2.10	**2.44**	2.27	1.88	2.18	2.29	2.10	1.47	1.27	0.95	0.82	0.82	0.55	0.53	0.40	0.41	0.42	0.29
NC_1245	0.71	0.87	0.83	**1.01**	0.94	0.74	0.89	0.95	0.85	0.58	0.50	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_1246	0.51	0.65	0.60	**0.72**	0.67	0.53	0.63	0.67	0.60	0.39	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1247	0.77	0.94	0.90	**1.06**	0.99	0.80	0.93	0.97	0.87	0.59	0.50	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_1248	1.11	1.31	1.32	**1.55**	1.45	1.19	1.38	1.46	1.30	0.94	0.80	0.60	0.52	0.52	0.35	0.34	0.26	0.27	0.27	0.19
NC_1249	0.31	0.44	0.52	0.57	0.54	0.57	0.66	0.73	**0.74**	0.57	0.51	0.44	0.37	0.38	0.26	0.25	0.19	0.20	0.20	0.14
NC_1250	2.04	2.59	3.03	3.29	3.09	2.87	3.40	3.66	**3.68**	2.77	2.45	2.07	1.77	1.81	1.25	1.20	0.91	0.93	0.95	0.65
NC_1251	0.22	0.27	0.32	0.38	0.35	0.29	0.37	**0.42**	0.37	0.28	0.24	0.19	0.16	0.16	0.11	0.11	0.08	0.08	0.08	0.06
NC_1252	0.98	1.23	1.47	1.61	1.50	1.38	1.65	**1.80**	1.79	1.33	1.15	0.95	0.81	0.83	0.56	0.54	0.41	0.42	0.42	0.29
NC_1253	0.58	0.75	0.93	1.03	0.96	0.88	1.09	**1.23**	1.20	0.90	0.78	0.64	0.55	0.56	0.38	0.37	0.28	0.28	0.29	0.20
NC_1254	0.21	0.25	0.32	0.38	0.35	0.30	0.38	**0.43**	0.40	0.30	0.26	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.06
NC_1255	1.21	1.70	2.01	2.21	2.08	1.97	2.40	2.57	**2.62**	1.96	1.73	1.44	1.23	1.25	0.86	0.82	0.62	0.64	0.65	0.44
NC_1256	1.27	1.91	2.40	2.63	2.63	2.73	3.13	3.20	**3.34**	2.57	2.39	2.05	1.75	1.80	1.25	1.21	0.91	0.94	0.95	0.65
NC_1257	1.31	1.96	2.46	2.72	2.74	2.84	3.26	3.32	**3.47**	2.67	2.50	2.14	1.82	1.89	1.31	1.26	0.96	0.98	1.00	0.68
NC_1258	0.28	0.35	0.37	0.45	0.42	0.34	0.43	**0.47**	0.41	0.30	0.26	0.20	0.17	0.17	0.12	0.11	0.08	0.09	0.09	0.06
NC_1259	3.82	5.43	6.63	7.26	7.18	7.41	8.55	8.84	**9.19**	7.03	6.48	5.52	4.73	4.89	3.38	3.25	2.46	2.52	2.56	1.76
NC_1260	0.38	0.47	0.51	0.62	0.57	0.47	0.59	**0.66**	0.58	0.44	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_1261	38.35	54.53	69.47	82.69	93.69	119.72	139.63	159.37	**170.99**	167.21	159.36	165.99	163.93	139.51	118.02	147.22	128.36	137.87	144.53	101.93
NC_1262	0.26	0.40	0.49	0.54	0.51	0.53	0.62	0.68	**0.70**	0.53	0.48	0.41	0.35	0.36	0.25	0.24	0.18	0.18	0.19	0.13
NC_1263	1.19	1.46	1.39	1.65	1.54	1.25	1.51	**1.66**	1.49	1.14	1.03	0.89	0.76	0.79	0.56	0.54	0.41	0.42	0.43	0.30
NC_1264	0.66	0.95	1.13	1.25	1.17	1.14	1.38	1.50	**1.54**	1.16	1.01	0.85	0.73	0.75	0.51	0.49	0.37	0.38	0.38	0.26
NC_1265	1.02	1.40	1.64	1.80	1.69	1.59	1.93	2.09	**2.12**	1.59	1.39	1.15	0.98	1.00	0.68	0.66	0.50	0.51	0.52	0.35
NC_1266	1.71	2.45	2.95	3.24	3.08	3.04	3.64	3.84	**3.96**	2.98	2.67	2.24	1.92	1.97	1.35	1.29	0.98	1.00	1.02	0.70
NC_1267	0.28	0.35	0.37	0.45	0.42	0.34	0.43	**0.48**	0.41	0.30	0.26	0.20	0.18	0.18	0.12	0.11	0.09	0.09	0.09	0.06
NC_1268	0.33	0.42	0.40	**0.50**	0.47	0.37	0.46	0.50	0.44	0.30	0.26	0.20	0.17	0.17	0.12	0.11	0.08	0.09	0.09	0.06
NC_1269	1.74	2.51	3.08	3.38	3.27	3.28	3.87	4.03	**4.18**	3.14	2.87	2.41	2.06	2.12	1.46	1.40	1.06	1.09	1.10	0.76
NC_1270	0.70	0.85	0.92	1.08	1.00	0.84	1.02	**1.10**	1.00	0.72	0.62	0.48	0.42	0.42	0.28	0.27	0.20	0.21	0.21	0.15
NC_1271	1.63	2.30	2.84	3.12	3.18	3.32	3.79	3.85	**4.03**	3.13	2.91	2.51	2.16	2.23	1.54	1.48	1.12	1.15	1.17	0.80
NC_1272	0.10	0.12	0.15	0.17	0.16	0.13	0.17	**0.19**	0.17	0.12	0.10	0.08	0.07	0.07	0.05	0.04	0.03	0.03	0.03	0.02
NC_1273	1.80	2.74	3.53	4.17	4.59	5.48	6.09	6.12	**6.26**	5.32	5.73	5.30	4.95	4.79	3.69	3.87	3.24	3.37	3.45	2.38
NC_1274	1.22	1.45	1.68	1.79	1.68	1.54	1.73	**1.81**	1.80	1.33	1.12	0.89	0.77	0.77	0.52	0.50	0.38	0.39	0.40	0.28
NC_1275	1.58	2.15	2.57	2.83	2.83	2.86	3.19	3.16	**3.22**	2.50	2.27	1.90	1.63	1.68	1.17	1.13	0.86	0.88	0.89	0.63
NC_1276	0.84	1.02	1.00	**1.19**	1.11	0.89	1.06	1.12	0.99	0.70	0.60	0.45	0.39	0.39	0.26	0.25	0.19	0.20	0.20	0.14
NC_1277	0.69	0.86	1.04	1.16	1.08	0.97	1.18	**1.30**	1.27	0.94	0.81	0.66	0.57	0.58	0.39	0.37	0.28	0.29	0.29	0.20
NC_1278	6.32	7.29	7.69	**8.32**	7.83	6.87	7.30	7.40	7.16	5.04	4.29	3.23	2.80	2.79	1.89	1.82	1.39	1.43	1.45	1.03
NC_1279	8.55	10.26	11.27	**11.85**	11.24	10.34	10.94	10.87	10.96	8.03	6.76	5.28	4.59	4.58	3.10	3.06	2.29	2.34	2.37	1.69
NC_1280	1.40	1.67	1.61	**1.85**	1.73	1.43	1.58	1.64	1.48	1.01	0.87	0.64	0.55	0.55	0.37	0.36	0.28	0.28	0.29	0.20
NC_1281	0.57	0.73	0.69	**0.79**	0.74	0.61	0.69	0.72	0.65	0.41	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_1282	0.41	0.52	0.49	**0.58**	0.54	0.43	0.51	0.54	0.49	0.31	0.27	0.20	0.17	0.17	0.12	0.11	0.09	0.09	0.09	0.06
NC_1283	6.14	7.05	7.32	**8.06**	7.57	6.52	7.02	7.16	6.79	4.78	4.09	3.05	2.64	2.64	1.79	1.71	1.32	1.35	1.37	0.97
NC_1284	0.96	1.17	1.11	**1.29**	1.21	0.98	1.11	1.15	1.03	0.69	0.60	0.43	0.38	0.38	0.25	0.24	0.19	0.19	0.20	0.14
NC_1285	0.50	0.63	0.59	**0.71**	0.66	0.52	0.62	0.66	0.59	0.39	0.33	0.24	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_1286	0.41	0.53	0.49	**0.59**	0.54	0.44	0.51	0.54	0.49	0.31	0.27	0.20	0.17	0.17	0.12	0.11	0.08	0.09	0.09	0.06
NC_1287	0.38	0.49	0.45	**0.56**	0.52	0.40	0.49	0.52	0.47	0.31	0.26	0.20	0.17	0.17	0.11	0.11	0.08	0.09	0.09	0.06
NC_1288	1.26	1.52	1.44	**1.71**	1.60	1.29	1.50	1.56	1.38	0.97	0.83	0.62	0.53	0.53	0.36	0.35	0.27	0.27	0.28	0.20
NC_1289	0.38	0.49	0.45	**0.55**	0.51	0.40	0.48	0.51	0.46	0.30	0.26	0.19	0.16	0.16	0.11	0.10	0.08	0.08	0.08	0.06
NC_1290	0.74	0.89	0.88	**1.06**	0.98	0.79	0.94	1.00	0.88	0.62	0.53	0.40	0.34	0.34	0.23	0.22	0.17	0.17	0.18	0.12
NC_1291	0.44	0.56	0.52	**0.65**	0.60	0.46	0.58	0.61	0.55	0.36	0.31	0.23	0.20	0.20	0.14	0.13	0.10	0.10	0.10	0.07
NC_1292	0.49	0.61	0.60	**0.73**	0.68	0.54	0.66	0.71	0.64	0.45	0.39	0.29	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_1293	0.78	0.93	0.96	**1.14**	1.06	0.87	1.04	1.11	0.99	0.71	0.62	0.47	0.40	0.40	0.27	0.26	0.20	0.20	0.21	0.14
NC_1294	1.10	1.25	1.43	1.59	1.49	1.30	1.48	**1.59**	1.51	1.11	0.95	0.75	0.64	0.65	0.44	0.42	0.32	0.33	0.33	0.23
NC_1295	0.36	0.45	0.42	**0.52**	0.49	0.37	0.47	0.50	0.45	0.30	0.26	0.19	0.16	0.16	0.11	0.11	0.08	0.08	0.08	0.06
NC_1296	2.85	3.34	3.67	**4.03**	3.78	3.30	3.71	3.89	3.75	2.68	2.29	1.75	1.51	1.52	1.03	0.98	0.75	0.77	0.78	0.55
NC_1297	2.82	3.82	4.55	4.92	4.79	4.76	5.40	5.47	**5.61**	4.29	3.85	3.24	2.77	2.83	1.97	1.89	1.44	1.47	1.49	1.04
NC_1298	0.42	0.54	0.50	**0.60**	0.56	0.45	0.52	0.55	0.50	0.32	0.28	0.20	0.18	0.17	0.12	0.11	0.09	0.09	0.09	0.06
NC_1299	0.39	0.50	0.46	**0.57**	0.53	0.41	0.50	0.53	0.48	0.32	0.27	0.20	0.17	0.17	0.12	0.11	0.09	0.09	0.09	0.06
NC_1300	0.42	0.54	0.50	**0.61**	0.57	0.44	0.55	0.58	0.52	0.34	0.30	0.22	0.19	0.19	0.13	0.12	0.09	0.10	0.10	0.07
NC_1301	8.00	10.35	12.29	16.21	19.07	25.35	29.10	29.59	**30.34**	24.20	26.16	23.65	21.88	22.46	15.52	16.68	12.86	13.39	13.44	9.69
NC_1302	0.43	0.55	0.51	**0.61**	0.57	0.45	0.54	0.57	0.51	0.33	0.29	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.07
NC_1303	0.56	0.63	0.73	**0.81**	0.76	0.67	0.75	0.81	0.76	0.56	0.48	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.16	0.11
NC_1304	2.71	3.61	4.21	4.52	4.32	4.20	4.84	4.97	**5.06**	3.88	3.40	2.85	2.44	2.48	1.72	1.65	1.26	1.29	1.30	0.91
NC_1305	0.42	0.54	0.50	**0.61**	0.56	0.44	0.54	0.57	0.51	0.33	0.29	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.07
NC_1306	0.76	0.93	0.89	**1.07**	1.00	0.80	0.94	0.99	0.88	0.61	0.52	0.39	0.33	0.33	0.23	0.22	0.17	0.17	0.17	0.12
NC_1307	1.17	1.38	1.41	**1.63**	1.52	1.27	1.46	1.53	1.39	0.99	0.85	0.64	0.55	0.56	0.37	0.36	0.27	0.28	0.29	0.20
NC_1308	0.40	0.51	0.47	**0.57**	0.53	0.42	0.50	0.53	0.47	0.31	0.26	0.19	0.17	0.17	0.11	0.11	0.08	0.08	0.09	0.06
NC_1309	0.71	0.87	0.82	**0.99**	0.92	0.73	0.86	0.91	0.81	0.55	0.47	0.35	0.30	0.30	0.20	0.19	0.15	0.15	0.15	0.11
NC_1310	3.73	4.43	4.91	**5.32**	5.00	4.46	4.95	5.12	5.07	3.63	3.09	2.40	2.07	2.08	1.40	1.35	1.03	1.05	1.06	0.75
NC_1311	2.85	3.36	3.69	**4.07**	3.81	3.34	3.75	3.92	3.80	2.71	2.32	1.79	1.54	1.55	1.04	1.00	0.76	0.78	0.79	0.56
NC_1312	0.77	0.91	0.95	**1.09**	1.02	0.86	1.00	1.06	0.94	0.70	0.60	0.46	0.40	0.40	0.27	0.26	0.20	0.20	0.21	0.15

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1313	0.98	1.17	1.16	**1.38**	1.28	1.04	1.23	1.30	1.14	0.82	0.70	0.53	0.45	0.45	0.31	0.29	0.23	0.23	0.23	0.16
NC_1314	0.40	0.52	0.48	**0.58**	0.54	0.43	0.51	0.54	0.48	0.31	0.27	0.20	0.17	0.17	0.12	0.11	0.08	0.09	0.09	0.06
NC_1315	0.42	0.53	0.49	**0.61**	0.56	0.44	0.54	0.57	0.51	0.34	0.29	0.22	0.19	0.19	0.13	0.12	0.09	0.09	0.10	0.07
NC_1316	0.42	0.54	0.50	**0.62**	0.57	0.44	0.55	0.59	0.52	0.35	0.30	0.22	0.19	0.19	0.13	0.13	0.10	0.10	0.10	0.07
NC_1317	1.58	1.84	1.97	**2.24**	2.09	1.77	2.04	2.16	2.00	1.43	1.23	0.93	0.81	0.81	0.55	0.52	0.40	0.41	0.41	0.29
NC_1318	0.47	0.60	0.56	**0.68**	0.63	0.50	0.60	0.64	0.57	0.38	0.32	0.24	0.21	0.21	0.14	0.13	0.10	0.10	0.11	0.08
NC_1319	2.75	3.46	4.02	4.30	4.50	5.50	6.88	7.23	**7.39**	5.94	5.41	5.38	5.02	4.63	3.98	4.04	3.39	3.48	3.53	2.55
NC_1320	0.86	1.04	1.01	**1.20**	1.12	0.90	1.06	1.11	0.99	0.69	0.59	0.44	0.38	0.38	0.26	0.25	0.19	0.19	0.19	0.14
NC_1321	2.82	3.76	4.34	4.72	4.78	4.92	5.41	5.39	**5.46**	4.38	4.17	3.56	3.07	3.11	2.26	2.18	1.67	1.74	1.79	1.35
NC_1322	2.76	3.70	4.29	4.69	4.78	4.97	5.44	5.42	**5.48**	4.42	4.23	3.61	3.11	3.13	2.31	2.23	1.71	1.78	1.83	1.38
NC_1323	0.23	0.29	0.28	**0.36**	0.33	0.26	0.33	0.35	0.31	0.21	0.18	0.14	0.12	0.12	0.08	0.08	0.06	0.06	0.06	0.04
NC_1324	7.47	10.37	12.67	14.32	15.05	16.52	18.22	18.26	**18.54**	14.80	15.52	13.43	12.02	12.07	9.22	9.25	10.71	10.05	11.15	5.55
NC_1325	2.96	3.74	4.37	4.72	4.46	4.66	5.27	5.63	**5.73**	4.47	4.10	3.58	3.04	3.16	2.25	2.17	1.65	1.70	1.72	1.20
NC_1326	0.25	0.32	0.32	0.40	0.37	0.29	0.37	**0.40**	0.35	0.25	0.21	0.16	0.14	0.14	0.09	0.09	0.07	0.07	0.07	0.05
NC_1327	2.29	3.21	3.95	4.48	4.60	4.95	5.52	5.55	**5.70**	4.47	4.60	3.88	3.35	3.47	2.56	2.48	1.91	1.95	1.98	1.38
NC_1328	0.60	0.68	0.75	**0.84**	0.79	0.68	0.76	0.80	0.75	0.54	0.46	0.35	0.31	0.31	0.21	0.20	0.15	0.16	0.16	0.11
NC_1329	0.41	0.52	0.50	**0.62**	0.58	0.45	0.57	0.61	0.54	0.38	0.33	0.25	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.08
NC_1330	1.17	1.61	1.87	2.04	1.99	2.09	2.35	2.44	**2.51**	1.98	1.81	1.58	1.34	1.39	0.98	0.94	0.72	0.74	0.75	0.52
NC_1331	0.41	0.51	0.62	0.67	0.63	0.58	0.69	**0.78**	0.77	0.58	0.50	0.41	0.35	0.36	0.25	0.24	0.18	0.18	0.19	0.13
NC_1332	0.38	0.47	0.49	0.60	0.55	0.45	0.57	**0.63**	0.54	0.40	0.35	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.08
NC_1333	1.97	2.58	3.03	3.29	3.40	3.62	4.08	4.07	**4.26**	3.31	3.41	2.92	2.48	2.61	1.89	1.83	1.40	1.44	1.46	1.01
NC_1334	1.26	1.80	2.21	2.42	2.46	2.60	2.97	3.01	**3.15**	2.43	2.37	2.05	1.74	1.81	1.29	1.25	0.95	0.97	0.99	0.68
NC_1335	2.89	3.35	3.91	4.23	3.96	3.62	4.26	**4.63**	4.63	3.51	3.06	2.57	2.20	2.25	1.55	1.49	1.13	1.16	1.18	0.82
NC_1336	2.20	2.58	2.93	3.14	2.95	2.68	3.06	3.25	**3.26**	2.42	2.12	1.77	1.52	1.55	1.06	1.02	0.78	0.80	0.81	0.56
NC_1337	4.42	5.46	6.27	6.71	6.33	5.93	6.87	7.26	**7.35**	5.52	4.84	4.04	3.47	3.54	2.42	2.33	1.77	1.81	1.84	1.28
NC_1338	1.07	1.27	1.33	**1.57**	1.46	1.20	1.43	1.55	1.38	1.00	0.86	0.66	0.57	0.57	0.38	0.37	0.28	0.29	0.29	0.20
NC_1339	0.37	0.48	0.59	0.65	0.60	0.64	0.73	**0.83**	0.83	0.64	0.57	0.50	0.43	0.44	0.30	0.29	0.22	0.23	0.23	0.16
NC_1340	0.35	0.45	0.42	**0.53**	0.49	0.38	0.48	0.51	0.46	0.31	0.27	0.20	0.17	0.17	0.12	0.11	0.08	0.09	0.09	0.06
NC_1341	0.77	0.92	1.00	1.16	1.08	0.92	1.12	**1.25**	1.16	0.88	0.77	0.64	0.55	0.56	0.39	0.37	0.28	0.29	0.30	0.21
NC_1342	0.34	0.40	0.50	0.56	0.52	0.46	0.57	**0.66**	0.63	0.48	0.42	0.35	0.30	0.31	0.21	0.20	0.15	0.16	0.16	0.11
NC_1343	1.51	1.75	1.99	2.22	2.07	1.82	2.15	**2.38**	2.30	1.73	1.51	1.25	1.07	1.10	0.75	0.72	0.55	0.56	0.57	0.40
NC_1344	0.47	0.58	0.61	0.74	0.68	0.56	0.70	**0.78**	0.68	0.51	0.44	0.35	0.30	0.31	0.21	0.20	0.15	0.16	0.16	0.11
NC_1345	0.24	0.29	0.33	0.39	0.36	0.30	0.38	**0.42**	0.37	0.28	0.24	0.19	0.16	0.16	0.11	0.10	0.08	0.08	0.08	0.06
NC_1346	0.31	0.39	0.40	0.49	0.45	0.36	0.45	**0.50**	0.43	0.31	0.27	0.20	0.18	0.18	0.12	0.11	0.09	0.09	0.09	0.06
NC_1347	1.61	1.92	2.16	2.49	2.31	1.97	2.38	**2.60**	2.40	1.76	1.52	1.19	1.03	1.04	0.70	0.67	0.51	0.52	0.53	0.37
NC_1348	0.37	0.47	0.43	**0.53**	0.49	0.38	0.47	0.50	0.45	0.30	0.26	0.19	0.16	0.16	0.11	0.11	0.08	0.08	0.08	0.06
NC_1349	1.11	1.32	1.36	**1.59**	1.48	1.23	1.44	1.53	1.37	1.00	0.86	0.65	0.56	0.57	0.38	0.37	0.28	0.29	0.29	0.20
NC_1350	5.33	6.44	7.33	7.90	7.42	6.73	7.65	8.02	**8.05**	5.84	5.04	3.99	3.44	3.48	2.35	2.26	1.71	1.76	1.78	1.24
NC_1351	0.78	0.93	0.94	**1.12**	1.04	0.84	1.00	1.07	0.94	0.67	0.58	0.43	0.37	0.37	0.25	0.24	0.18	0.19	0.19	0.13
NC_1352	0.46	0.58	0.54	**0.67**	0.62	0.48	0.60	0.63	0.56	0.38	0.33	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.08
NC_1353	0.39	0.49	0.45	**0.57**	0.53	0.41	0.51	0.54	0.48	0.33	0.28	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.06
NC_1354	1.12	1.32	1.38	**1.60**	1.49	1.24	1.46	1.56	1.40	1.02	0.88	0.67	0.58	0.58	0.40	0.38	0.29	0.30	0.30	0.21
NC_1355	0.75	0.91	0.90	**1.07**	1.00	0.81	0.96	1.02	0.90	0.64	0.55	0.41	0.36	0.36	0.24	0.23	0.18	0.18	0.18	0.13
NC_1356	5.43	6.77	7.64	8.22	7.73	7.09	8.07	8.38	**8.49**	6.17	5.36	4.28	3.68	3.74	2.53	2.43	1.84	1.89	1.92	1.34
NC_1357	0.26	0.34	0.32	**0.37**	0.35	0.28	0.33	0.35	0.31	0.20	0.17	0.12	0.11	0.11	0.07	0.07	0.05	0.05	0.05	0.04
NC_1358	1.50	1.70	1.96	**2.13**	2.00	1.77	1.97	2.10	2.03	1.47	1.26	0.97	0.84	0.84	0.57	0.55	0.42	0.43	0.43	0.30
NC_1359	0.43	0.54	0.50	**0.62**	0.58	0.45	0.55	0.59	0.52	0.35	0.30	0.22	0.19	0.19	0.13	0.12	0.09	0.10	0.10	0.07
NC_1360	0.77	0.93	0.92	**1.10**	1.03	0.83	0.98	1.05	0.94	0.65	0.56	0.42	0.37	0.37	0.25	0.24	0.18	0.18	0.19	0.13
NC_1361	0.98	1.49	1.89	2.21	2.44	2.89	3.14	3.20	**3.27**	3.02	3.08	3.05	2.95	2.89	2.32	2.43	2.11	2.16	2.24	1.61
NC_1362	1.78	2.07	2.29	**2.52**	2.36	2.07	2.33	2.45	2.36	1.70	1.46	1.13	0.97	0.98	0.66	0.63	0.48	0.49	0.50	0.35
NC_1363	1.51	1.76	1.87	**2.14**	2.00	1.68	1.94	2.08	1.89	1.37	1.18	0.90	0.78	0.78	0.53	0.51	0.39	0.40	0.40	0.28
NC_1364	0.65	0.80	0.77	**0.93**	0.87	0.69	0.82	0.87	0.78	0.53	0.46	0.34	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.11
NC_1365	3.84	4.56	5.11	**5.53**	5.19	4.64	5.18	5.38	5.34	3.84	3.28	2.56	2.21	2.23	1.50	1.44	1.10	1.13	1.14	0.80
NC_1366	2.43	2.82	3.12	**3.45**	3.23	2.82	3.17	3.34	3.20	2.30	1.98	1.52	1.32	1.32	0.89	0.86	0.65	0.67	0.68	0.48
NC_1367	1.20	1.37	1.48	**1.68**	1.57	1.33	1.51	1.61	1.49	1.07	0.92	0.70	0.60	0.60	0.41	0.39	0.30	0.30	0.31	0.22
NC_1368	1.47	1.71	2.00	2.22	2.07	2.09	2.34	**2.58**	2.54	2.01	1.94	1.72	1.46	1.54	1.08	1.04	0.79	0.81	0.82	0.57
NC_1369	0.38	0.49	0.45	**0.55**	0.51	0.40	0.49	0.52	0.46	0.30	0.26	0.19	0.17	0.17	0.11	0.11	0.08	0.08	0.08	0.06
NC_1370	0.85	1.02	1.04	**1.23**	1.14	0.94	1.11	1.19	1.05	0.76	0.65	0.49	0.43	0.43	0.29	0.28	0.21	0.22	0.22	0.15
NC_1371	4.74	6.63	8.61	10.77	12.92	17.99	21.63	24.45	**25.79**	23.68	22.77	24.20	22.59	20.35	16.58	17.62	14.80	15.23	15.52	10.85
NC_1372	0.90	1.07	1.10	**1.29**	1.20	0.99	1.17	1.24	1.12	0.81	0.69	0.52	0.45	0.45	0.31	0.29	0.22	0.23	0.23	0.16
NC_1373	3.10	4.78	6.89	9.09	10.91	15.19	18.24	20.08	**21.05**	19.03	18.75	19.36	17.75	16.18	13.04	13.63	11.20	11.52	11.70	8.47
NC_1374	0.26	0.33	0.31	**0.37**	0.35	0.27	0.33	0.35	0.32	0.20	0.17	0.13	0.11	0.11	0.07	0.07	0.05	0.06	0.06	0.04
NC_1375	0.51	0.63	0.62	**0.76**	0.70	0.56	0.69	0.74	0.66	0.46	0.40	0.30	0.26	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_1376	1.02	1.22	1.25	**1.46**	1.36	1.12	1.31	1.40	1.26	0.90	0.78	0.59	0.51	0.51	0.35	0.33	0.25	0.26	0.26	0.18
NC_1377	0.33	0.41	0.47	0.56	0.52	0.43	0.55	**0.62**	0.56	0.42	0.36	0.30	0.25	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_1378	0.30	0.38	0.39	0.48	0.44	0.36	0.45	**0.49**	0.43	0.31	0.27	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.06
NC_1379	1.31	1.55	1.82	1.97	1.85	1.72	2.03	2.22	**2.23**	1.71	1.53	1.32	1.13	1.16	0.81	0.78	0.59	0.61	0.62	0.43
NC_1380	1.79	2.07	2.26	**2.50**	2.34	2.03	2.31	2.45	2.33	1.69	1.46	1.15	0.99	1.01	0.68	0.66	0.50	0.51	0.52	0.37
NC_1381	0.33	0.42	0.43	0.53	0.49	0.39	0.50	**0.55**	0.47	0.35	0.30	0.23	0.20	0.20	0.14	0.13	0.10	0.10	0.10	0.07
NC_1382	0.54	0.69	0.64	**0.79**	0.73	0.57	0.71	0.75	0.67	0.46	0.39	0.29	0.25	0.25	0.17	0.17	0.13	0.13	0.13	0.09
NC_1383	0.96	1.09	1.28	1.40	1.31	1.17	1.33	**1.44**	1.39	1.03	0.88	0.70	0.61	0.61	0.42	0.40	0.30	0.31	0.32	0.22
NC_1384	0.75	0.91	0.91	**1.09**	1.01	0.82	0.98	1.04	0.93	0.66	0.57	0.43	0.37	0.37	0.25	0.24	0.18	0.19	0.19	0.13
NC_1385	0.45	0.58	0.55	**0.64**	0.59	0.48	0.56	0.58	0.53	0.34	0.29	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.10	0.07

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1386	4.60	6.75	8.60	10.13	11.23	13.64	15.19	15.36	**15.82**	13.59	14.41	13.31	12.08	11.87	9.29	9.45	7.53	7.73	7.87	5.51
NC_1387	1.00	1.12	1.32	1.45	1.36	1.22	1.40	**1.55**	1.50	1.15	0.99	0.85	0.72	0.74	0.52	0.50	0.38	0.39	0.39	0.28
NC_1388	0.86	1.16	1.37	1.48	1.52	1.63	1.83	1.84	**1.92**	1.51	1.50	1.29	1.10	1.15	0.83	0.80	0.61	0.62	0.63	0.44
NC_1389	0.35	0.44	0.42	**0.53**	0.49	0.38	0.48	0.52	0.46	0.31	0.27	0.20	0.17	0.17	0.12	0.11	0.09	0.09	0.09	0.06
NC_1390	1.40	1.65	1.71	**1.99**	1.85	1.53	1.78	1.90	1.70	1.22	1.05	0.79	0.69	0.69	0.46	0.45	0.34	0.35	0.35	0.25
NC_1391	0.43	0.55	0.51	**0.64**	0.59	0.46	0.57	0.61	0.54	0.36	0.31	0.23	0.20	0.20	0.14	0.13	0.10	0.10	0.10	0.07
NC_1392	0.66	0.81	0.79	**0.95**	0.88	0.71	0.85	0.90	0.80	0.56	0.48	0.36	0.31	0.31	0.21	0.20	0.15	0.16	0.16	0.11
NC_1393	7.30	10.44	13.05	15.12	16.48	19.41	21.48	21.56	**22.09**	18.95	20.17	18.58	16.86	16.52	12.90	13.20	10.58	10.87	11.05	7.72
NC_1394	2.65	3.64	4.39	4.88	4.98	5.23	5.83	5.87	**6.01**	4.73	5.04	4.45	3.90	3.98	3.02	3.06	2.42	2.48	2.52	1.75
NC_1395	2.80	3.81	4.55	4.99	4.96	5.13	5.77	5.84	**6.01**	4.69	4.99	4.36	3.80	3.94	2.96	2.96	2.35	2.41	2.44	1.70
NC_1396	0.70	0.91	1.06	1.13	1.07	1.06	1.24	1.34	**1.36**	1.05	0.91	0.78	0.66	0.68	0.47	0.45	0.34	0.35	0.35	0.24
NC_1397	0.48	0.61	0.57	**0.69**	0.64	0.51	0.61	0.65	0.58	0.38	0.33	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.08
NC_1398	1.05	1.21	1.41	1.50	1.41	1.29	1.42	**1.50**	1.47	1.09	0.92	0.73	0.63	0.63	0.43	0.41	0.32	0.32	0.33	0.23
NC_1399	0.42	0.54	0.50	**0.61**	0.56	0.44	0.54	0.57	0.51	0.33	0.29	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.07
NC_1400	0.39	0.50	0.46	**0.58**	0.53	0.41	0.52	0.55	0.49	0.33	0.29	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.07
NC_1401	0.62	0.73	0.74	**0.84**	0.79	0.66	0.73	0.75	0.70	0.49	0.42	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_1402	0.03	0.03	0.03	**0.04**	0.03	0.03	0.03	0.03	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00
NC_1403	0.56	0.66	0.71	0.82	0.76	0.65	0.78	**0.86**	0.79	0.60	0.51	0.41	0.36	0.36	0.25	0.24	0.18	0.18	0.19	0.13
NC_1404	0.97	1.12	1.18	**1.34**	1.25	1.07	1.23	1.33	1.24	0.92	0.79	0.63	0.54	0.55	0.37	0.36	0.27	0.28	0.28	0.20
NC_1405	0.90	1.14	1.30	1.38	1.34	1.37	1.54	**1.64**	1.62	1.29	1.07	0.92	0.79	0.80	0.56	0.54	0.41	0.44	0.46	0.36
NC_1406	0.03	0.04	0.04	**0.04**	0.04	0.03	0.04	0.04	0.04	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
NC_1407	0.13	0.17	0.16	**0.20**	0.19	0.14	0.18	0.19	0.17	0.11	0.10	0.07	0.06	0.06	0.04	0.04	0.03	0.03	0.03	0.02
NC_1408	1.03	1.22	1.26	**1.47**	1.37	1.14	1.33	1.43	1.27	0.93	0.80	0.61	0.52	0.53	0.36	0.34	0.26	0.27	0.27	0.19
NC_1409	0.55	0.69	0.65	**0.80**	0.75	0.59	0.73	0.78	0.69	0.48	0.41	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_1410	0.44	0.56	0.53	**0.62**	0.58	0.46	0.55	0.58	0.52	0.34	0.29	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.07
NC_1411	0.91	1.13	1.05	**1.29**	1.20	0.94	1.14	1.21	1.07	0.74	0.64	0.48	0.41	0.41	0.28	0.27	0.20	0.21	0.21	0.15
NC_1412	0.96	1.15	1.31	**1.40**	1.32	1.21	1.33	1.37	1.37	1.01	0.85	0.67	0.58	0.58	0.39	0.38	0.29	0.30	0.30	0.21
NC_1413	0.19	0.25	0.23	**0.28**	0.26	0.21	0.24	0.25	0.23	0.14	0.12	0.09	0.08	0.08	0.05	0.05	0.04	0.04	0.04	0.03
NC_1414	0.47	0.60	0.57	**0.66**	0.61	0.50	0.57	0.60	0.54	0.35	0.30	0.22	0.19	0.19	0.13	0.12	0.09	0.10	0.10	0.07
NC_1415	2.06	2.56	2.88	3.04	2.89	2.73	3.04	3.13	**3.14**	2.42	2.05	1.73	1.49	1.51	1.04	1.00	0.76	0.78	0.79	0.56
NC_1416	1.17	1.34	1.43	**1.59**	1.49	1.29	1.45	1.54	1.47	1.08	0.92	0.74	0.64	0.64	0.44	0.42	0.32	0.33	0.33	0.23
NC_1417	1.58	1.84	2.11	2.21	2.09	1.95	2.15	2.23	**2.24**	1.70	1.43	1.19	1.03	1.04	0.71	0.68	0.52	0.53	0.54	0.38
NC_1418	0.49	0.62	0.59	**0.67**	0.62	0.52	0.58	0.60	0.55	0.35	0.30	0.22	0.19	0.19	0.13	0.12	0.09	0.10	0.10	0.07
NC_1419	1.87	2.43	2.81	2.99	2.89	2.83	3.16	3.17	**3.21**	2.50	2.18	1.87	1.61	1.63	1.14	1.09	0.84	0.86	0.87	0.61
NC_1420	4.06	5.09	5.76	6.13	5.84	5.56	6.30	**6.50**	6.48	5.00	4.28	3.64	3.12	3.17	2.20	2.12	1.62	1.66	1.68	1.19
NC_1421	11.77	16.85	20.93	24.28	26.84	32.63	37.13	38.63	**39.68**	35.16	34.93	34.62	31.41	28.37	23.16	25.31	21.10	21.71	22.04	15.52
NC_1422	1.02	1.24	1.17	**1.34**	1.25	1.04	1.13	1.17	1.05	0.70	0.61	0.44	0.38	0.38	0.26	0.25	0.19	0.20	0.20	0.14
NC_1423	3.12	3.61	3.81	**4.24**	3.97	3.41	3.80	3.97	3.73	2.68	2.30	1.75	1.51	1.52	1.03	0.99	0.75	0.77	0.78	0.55
NC_1424	0.27	0.34	0.36	0.44	0.40	0.32	0.41	**0.45**	0.39	0.29	0.25	0.19	0.16	0.16	0.11	0.11	0.08	0.08	0.08	0.06
NC_1425	8.43	12.11	15.14	17.59	19.34	23.45	26.82	27.69	**28.50**	25.02	25.39	24.57	22.08	20.40	16.42	17.47	14.58	15.00	15.24	10.61
NC_1426	1.15	1.33	1.45	**1.65**	1.54	1.31	1.51	1.61	1.48	1.07	0.92	0.70	0.61	0.61	0.41	0.40	0.30	0.31	0.31	0.22
NC_1427	2.48	2.84	2.92	**3.26**	3.06	2.60	2.83	2.90	2.70	1.91	1.64	1.22	1.06	1.05	0.71	0.69	0.53	0.54	0.55	0.39
NC_1428	1.25	1.50	1.42	**1.63**	1.53	1.26	1.39	1.43	1.28	0.87	0.75	0.55	0.48	0.47	0.32	0.31	0.24	0.24	0.25	0.18
NC_1429	0.93	1.16	1.10	**1.25**	1.17	0.97	1.08	1.12	1.01	0.66	0.57	0.41	0.36	0.36	0.24	0.23	0.18	0.18	0.19	0.13
NC_1430	0.98	1.22	1.14	**1.34**	1.25	1.01	1.17	1.22	1.09	0.73	0.63	0.46	0.40	0.40	0.27	0.26	0.20	0.20	0.21	0.15
NC_1431	1.14	1.38	1.31	**1.50**	1.40	1.16	1.28	1.32	1.20	0.80	0.69	0.50	0.44	0.44	0.30	0.28	0.22	0.22	0.23	0.16
NC_1432	1.67	1.95	1.97	**2.25**	2.10	1.76	1.97	2.04	1.87	1.33	1.14	0.85	0.74	0.74	0.50	0.48	0.37	0.38	0.38	0.27
NC_1433	5.76	6.68	7.30	**7.77**	7.33	6.59	7.01	7.08	7.01	5.04	4.27	3.27	2.84	2.84	1.92	1.84	1.41	1.45	1.47	1.04
NC_1434	8.88	10.64	11.88	**12.60**	11.91	10.91	11.83	12.01	12.06	8.82	7.53	5.91	5.12	5.14	3.48	3.34	2.56	2.62	2.65	1.87
NC_1435	1.76	2.10	2.40	**2.53**	2.39	2.21	2.45	2.53	2.53	1.89	1.58	1.28	1.10	1.11	0.75	0.72	0.55	0.57	0.57	0.40
NC_1436	0.48	0.60	0.60	0.73	0.68	0.54	0.67	**0.73**	0.64	0.46	0.40	0.31	0.26	0.27	0.18	0.17	0.13	0.13	0.14	0.09
NC_1437	0.45	0.58	0.54	**0.64**	0.60	0.48	0.56	0.59	0.53	0.35	0.30	0.22	0.19	0.19	0.13	0.12	0.09	0.10	0.10	0.07
NC_1438	1.01	1.25	1.17	**1.38**	1.29	1.04	1.21	1.26	1.13	0.76	0.65	0.48	0.42	0.42	0.28	0.27	0.21	0.21	0.22	0.15
NC_1439	0.22	0.27	0.32	0.38	0.35	0.29	0.37	**0.42**	0.37	0.28	0.24	0.19	0.17	0.17	0.11	0.11	0.08	0.08	0.08	0.06
NC_1440	1.43	1.68	1.70	**1.95**	1.82	1.52	1.72	1.79	1.64	1.16	1.00	0.75	0.65	0.65	0.44	0.42	0.32	0.33	0.33	0.24
NC_1441	0.43	0.55	0.52	**0.61**	0.56	0.46	0.53	0.55	0.50	0.32	0.28	0.20	0.17	0.17	0.12	0.11	0.09	0.09	0.09	0.06
NC_1442	0.79	0.97	0.92	**1.11**	1.03	0.82	0.97	1.02	0.92	0.63	0.54	0.40	0.35	0.35	0.23	0.22	0.17	0.18	0.18	0.13
NC_1443	7.42	9.25	10.40	**11.10**	10.50	9.70	10.76	10.95	11.05	8.12	7.00	5.57	4.82	4.86	3.28	3.15	2.40	2.46	2.50	1.75
NC_1444	0.42	0.54	0.50	**0.59**	0.55	0.44	0.52	0.54	0.49	0.31	0.27	0.20	0.17	0.17	0.12	0.11	0.08	0.09	0.09	0.06
NC_1445	0.45	0.58	0.54	**0.64**	0.60	0.48	0.56	0.59	0.53	0.34	0.30	0.22	0.19	0.19	0.13	0.12	0.09	0.10	0.10	0.07
NC_1446	3.46	4.29	4.80	5.11	4.83	4.48	5.03	5.20	**5.28**	3.92	3.45	2.84	2.44	2.52	1.72	1.65	1.26	1.29	1.31	0.92
NC_1447	0.41	0.53	0.49	**0.58**	0.54	0.43	0.51	0.54	0.49	0.31	0.27	0.20	0.17	0.17	0.12	0.11	0.08	0.09	0.09	0.06
NC_1448	8.83	11.76	14.15	16.30	19.05	25.48	29.91	31.17	**32.01**	27.03	27.46	26.57	24.98	24.10	16.54	19.11	15.26	15.79	15.89	11.41
NC_1449	1.27	1.52	1.47	**1.74**	1.63	1.32	1.53	1.60	1.41	1.00	0.86	0.64	0.55	0.55	0.37	0.36	0.27	0.28	0.29	0.20
NC_1450	0.53	0.67	0.63	**0.74**	0.69	0.56	0.64	0.68	0.61	0.39	0.34	0.25	0.22	0.21	0.15	0.14	0.11	0.11	0.11	0.08
NC_1451	0.52	0.66	0.61	**0.74**	0.69	0.54	0.66	0.70	0.62	0.42	0.36	0.27	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_1452	0.47	0.60	0.55	**0.68**	0.63	0.49	0.60	0.64	0.57	0.38	0.32	0.24	0.21	0.21	0.14	0.13	0.10	0.11	0.11	0.08
NC_1453	0.44	0.56	0.52	**0.62**	0.58	0.46	0.55	0.58	0.52	0.34	0.29	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.07
NC_1454	1.28	1.53	1.51	**1.77**	1.65	1.35	1.56	1.64	1.45	1.04	0.89	0.66	0.57	0.57	0.39	0.37	0.29	0.29	0.30	0.21
NC_1455	0.74	0.98	1.17	1.28	1.33	1.43	1.63	1.68	**1.73**	1.38	1.35	1.18	1.00	1.04	0.74	0.71	0.54	0.56	0.57	0.39
NC_1456	0.34	0.43	0.42	**0.52**	0.48	0.38	0.47	0.51	0.45	0.31	0.27	0.20	0.18	0.18	0.12	0.11	0.09	0.09	0.09	0.06
NC_1457	0.28	0.34	0.44	0.50	0.46	0.42	0.52	**0.61**	0.58	0.44	0.38	0.32	0.28	0.28	0.19	0.19	0.14	0.14	0.15	0.10
NC_1458	0.86	1.07	0.99	**1.21**	1.13	0.89	1.08	1.15	1.01	0.70	0.61	0.45	0.39	0.39	0.27	0.26	0.20	0.20	0.20	0.14

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1459	0.25	0.30	0.35	0.42	0.38	0.32	0.41	**0.45**	0.40	0.30	0.26	0.20	0.18	0.18	0.12	0.11	0.09	0.09	0.09	0.06
NC_1460	0.68	0.87	1.01	1.10	1.11	1.17	1.32	1.36	**1.42**	1.12	1.03	0.90	0.77	0.79	0.55	0.53	0.41	0.42	0.42	0.29
NC_1461	1.04	1.19	1.43	1.55	1.45	1.46	1.64	1.81	**1.82**	1.43	1.28	1.13	0.96	1.00	0.69	0.67	0.51	0.52	0.53	0.37
NC_1462	1.23	1.42	1.66	1.81	1.70	1.64	1.86	**2.07**	2.06	1.60	1.44	1.27	1.09	1.12	0.78	0.75	0.57	0.58	0.59	0.41
NC_1463	3.84	4.48	5.03	5.54	5.21	4.65	5.40	**5.85**	5.62	4.30	3.76	3.24	2.82	2.87	1.99	1.92	1.47	1.51	1.53	1.07
NC_1464	0.41	0.52	0.48	**0.60**	0.55	0.43	0.53	0.56	0.50	0.33	0.29	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.07
NC_1465	5.67	7.27	8.25	8.81	8.34	7.80	8.88	9.17	**9.36**	6.99	6.17	5.19	4.47	4.57	3.12	2.99	2.28	2.33	2.37	1.65
NC_1466	0.43	0.55	0.51	**0.62**	0.58	0.46	0.55	0.58	0.52	0.34	0.29	0.21	0.19	0.19	0.12	0.12	0.09	0.09	0.10	0.07
NC_1467	0.39	0.50	0.46	**0.56**	0.52	0.41	0.50	0.53	0.48	0.31	0.27	0.20	0.17	0.17	0.12	0.11	0.08	0.09	0.09	0.06
NC_1468	0.42	0.53	0.49	**0.60**	0.56	0.44	0.54	0.57	0.51	0.34	0.29	0.21	0.19	0.19	0.12	0.12	0.09	0.09	0.10	0.07
NC_1469	0.99	1.19	1.16	**1.38**	1.28	1.04	1.22	1.28	1.13	0.80	0.69	0.51	0.44	0.44	0.30	0.29	0.22	0.22	0.23	0.16
NC_1470	0.43	0.55	0.51	**0.61**	0.57	0.45	0.54	0.57	0.51	0.34	0.29	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.10	0.07
NC_1471	1.04	1.25	1.23	**1.45**	1.35	1.10	1.29	1.36	1.20	0.85	0.73	0.55	0.47	0.47	0.32	0.31	0.23	0.24	0.24	0.17
NC_1472	0.39	0.50	0.47	**0.56**	0.52	0.41	0.50	0.52	0.47	0.31	0.26	0.19	0.17	0.17	0.11	0.11	0.08	0.09	0.09	0.06
NC_1473	0.41	0.52	0.49	**0.58**	0.54	0.43	0.51	0.54	0.48	0.31	0.27	0.20	0.17	0.17	0.12	0.11	0.08	0.09	0.09	0.06
NC_1474	0.43	0.55	0.51	**0.61**	0.57	0.45	0.53	0.56	0.51	0.33	0.28	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.06
NC_1475	0.66	0.83	0.78	**0.96**	0.89	0.70	0.86	0.91	0.81	0.56	0.48	0.36	0.31	0.31	0.21	0.20	0.15	0.16	0.16	0.11
NC_1476	0.27	0.35	0.33	**0.38**	0.35	0.29	0.33	0.34	0.31	0.19	0.17	0.12	0.11	0.11	0.07	0.07	0.05	0.05	0.05	0.04
NC_1477	0.76	0.91	0.91	**1.08**	1.01	0.81	0.97	1.03	0.91	0.64	0.55	0.41	0.36	0.36	0.24	0.23	0.18	0.18	0.18	0.13
NC_1478	4.69	6.09	7.22	8.09	8.78	10.49	11.51	13.02	13.93	**14.47**	14.14	14.22	13.58	11.62	10.30	12.50	12.41	12.42	14.46	9.82
NC_1479	0.52	0.71	0.87	0.97	0.90	0.98	1.10	**1.26**	**1.26**	0.98	0.93	0.82	0.71	0.74	0.52	0.51	0.39	0.40	0.41	0.28
NC_1480	1.13	1.82	2.37	2.64	2.69	2.86	3.31	3.42	**3.58**	2.74	2.68	2.34	2.00	2.10	1.48	1.44	1.10	1.13	1.14	0.78
NC_1481	1.31	2.11	2.75	3.14	3.21	3.45	3.97	4.07	**4.28**	3.26	3.23	2.78	2.39	2.48	1.76	1.71	1.29	1.33	1.35	0.91
NC_1482	5.01	7.19	8.84	9.80	9.71	10.06	11.62	11.94	**12.42**	9.46	8.88	7.56	6.49	6.73	4.65	4.47	3.37	3.46	3.51	2.41
NC_1483	0.99	1.45	1.75	1.93	1.84	1.81	2.16	2.27	**2.35**	1.76	1.58	1.33	1.14	1.17	0.79	0.76	0.57	0.59	0.60	0.41
NC_1484	0.27	0.34	0.43	0.49	0.45	0.42	0.51	**0.59**	0.57	0.43	0.38	0.32	0.27	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_1485	0.56	0.68	0.76	0.90	0.83	0.69	0.87	**0.98**	0.88	0.66	0.58	0.48	0.41	0.42	0.29	0.28	0.21	0.21	0.22	0.15
NC_1486	0.25	0.33	0.42	0.47	0.43	0.41	0.49	**0.57**	0.55	0.42	0.37	0.31	0.27	0.27	0.19	0.18	0.13	0.14	0.14	0.10
NC_1487	2.37	3.22	3.85	4.19	4.14	4.13	4.62	4.59	**4.72**	3.63	3.26	2.73	2.37	2.41	1.66	1.59	1.21	1.24	1.26	0.88
NC_1488	1.45	1.86	2.13	2.29	2.29	2.38	2.66	2.69	**2.77**	2.20	2.08	1.81	1.56	1.62	1.15	1.11	0.85	0.87	0.88	0.62
NC_1489	1.93	4.33	6.89	8.89	10.42	13.59	15.36	15.61	**16.05**	13.53	14.70	13.32	11.97	11.71	9.10	9.13	7.28	7.49	7.62	5.67
NC_1490	0.35	0.45	0.58	0.65	0.60	0.58	0.68	**0.81**	0.78	0.60	0.53	0.46	0.39	0.41	0.28	0.27	0.21	0.21	0.21	0.15
NC_1491	2.79	3.36	3.76	**4.03**	3.80	3.45	3.82	3.94	3.93	2.87	2.46	1.94	1.67	1.69	1.15	1.10	0.84	0.86	0.87	0.61
NC_1492	8.56	10.23	11.25	**11.83**	11.22	10.30	10.90	10.83	10.91	8.02	6.73	5.25	4.55	4.55	3.08	3.03	2.27	2.33	2.36	1.68
NC_1493	9.73	12.48	14.31	15.31	14.66	14.72	16.73	17.27	**17.63**	14.29	15.42	14.06	13.01	13.82	10.95	11.27	9.05	9.29	9.44	6.63
NC_1494	1.04	1.25	1.24	**1.47**	1.37	1.12	1.31	1.39	1.22	0.88	0.76	0.57	0.49	0.49	0.33	0.32	0.24	0.25	0.25	0.18
NC_1495	0.90	1.13	1.07	**1.22**	1.14	0.94	1.05	1.09	0.98	0.64	0.55	0.40	0.35	0.35	0.24	0.23	0.17	0.18	0.18	0.13
NC_1496	1.17	1.40	1.37	**1.62**	1.51	1.23	1.42	1.50	1.33	0.94	0.81	0.60	0.52	0.52	0.35	0.34	0.26	0.27	0.27	0.19
NC_1497	1.81	2.05	2.20	**2.46**	2.31	1.97	2.18	2.28	2.11	1.52	1.30	0.98	0.85	0.85	0.57	0.55	0.42	0.43	0.44	0.31
NC_1498	0.27	0.34	0.33	**0.41**	0.38	0.30	0.38	**0.41**	0.36	0.25	0.22	0.16	0.14	0.14	0.10	0.09	0.07	0.07	0.07	0.05
NC_1499	0.37	0.47	0.43	**0.54**	0.50	0.39	0.48	0.51	0.46	0.30	0.26	0.19	0.17	0.17	0.11	0.11	0.08	0.08	0.09	0.06
NC_1500	2.61	3.07	3.47	3.80	3.56	3.16	3.60	**3.81**	3.73	2.71	2.33	1.84	1.58	1.60	1.08	1.04	0.79	0.81	0.82	0.57
NC_1501	9.49	13.04	15.75	17.42	17.81	20.05	21.89	26.41	**28.22**	26.96	25.52	27.87	27.11	24.91	19.43	21.68	18.59	19.15	19.52	13.65
NC_1502	0.34	0.44	0.41	**0.48**	0.45	0.36	0.42	0.44	0.40	0.25	0.22	0.16	0.14	0.14	0.09	0.09	0.07	0.07	0.07	0.05
NC_1503	1.64	1.89	2.06	**2.33**	2.18	1.85	2.11	2.25	2.08	1.51	1.29	0.99	0.85	0.86	0.58	0.56	0.42	0.43	0.44	0.31
NC_1504	0.29	0.37	0.34	**0.43**	0.40	0.31	0.39	0.42	0.37	0.25	0.21	0.16	0.14	0.14	0.09	0.09	0.07	0.07	0.07	0.05
NC_1505	0.18	0.23	0.22	**0.26**	0.24	0.19	0.22	0.24	0.22	0.13	0.11	0.08	0.07	0.07	0.05	0.05	0.04	0.04	0.04	0.03
NC_1506	1.32	1.55	1.59	**1.84**	1.72	1.43	1.65	1.76	1.59	1.15	0.99	0.75	0.65	0.65	0.44	0.43	0.33	0.33	0.34	0.24
NC_1507	1.36	1.60	1.66	**1.92**	1.80	1.50	1.74	1.85	1.66	1.21	1.04	0.79	0.69	0.69	0.47	0.45	0.34	0.35	0.35	0.25
NC_1508	0.57	0.71	0.68	**0.83**	0.77	0.61	0.75	0.80	0.71	0.49	0.42	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_1509	0.88	1.08	1.06	**1.29**	1.20	0.96	1.17	1.27	1.11	0.81	0.70	0.54	0.47	0.47	0.32	0.31	0.23	0.24	0.24	0.17
NC_1510	2.22	2.58	2.88	**3.15**	2.95	2.60	2.94	3.10	3.01	2.18	1.88	1.47	1.27	1.28	0.87	0.83	0.63	0.65	0.66	0.46
NC_1511	0.51	0.65	0.60	**0.73**	0.68	0.54	0.64	0.68	0.61	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1512	0.98	1.17	1.18	**1.39**	1.29	1.06	1.23	1.31	1.16	0.83	0.71	0.53	0.46	0.46	0.31	0.30	0.23	0.23	0.24	0.17
NC_1513	1.12	1.31	1.39	**1.61**	1.50	1.26	1.47	1.58	1.43	1.04	0.90	0.69	0.60	0.60	0.41	0.39	0.30	0.30	0.31	0.22
NC_1514	0.57	0.72	0.69	**0.85**	0.78	0.62	0.77	0.82	0.72	0.51	0.44	0.33	0.29	0.29	0.19	0.19	0.14	0.15	0.15	0.10
NC_1515	0.61	0.77	0.72	**0.89**	0.83	0.65	0.80	0.86	0.76	0.52	0.45	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_1516	0.79	0.98	0.93	**1.13**	1.05	0.83	1.02	1.08	0.96	0.67	0.58	0.44	0.38	0.38	0.26	0.25	0.19	0.19	0.20	0.14
NC_1517	1.16	1.37	1.40	**1.63**	1.52	1.26	1.46	1.56	1.40	1.01	0.87	0.66	0.57	0.57	0.39	0.37	0.28	0.29	0.29	0.21
NC_1518	0.39	0.49	0.47	**0.58**	0.54	0.42	0.53	0.57	0.50	0.34	0.30	0.22	0.19	0.19	0.13	0.12	0.09	0.10	0.10	0.07
NC_1519	0.76	0.91	0.95	**1.12**	1.04	0.86	1.02	1.10	0.97	0.71	0.61	0.47	0.40	0.41	0.28	0.26	0.20	0.21	0.21	0.15
NC_1520	2.20	2.73	4.05	4.91	5.28	5.95	6.69	6.77	**6.93**	5.16	5.41	4.52	3.70	3.85	2.62	2.64	2.27	2.33	2.37	1.68
NC_1521	1.89	2.21	2.36	**2.69**	2.51	2.13	2.46	2.64	2.43	1.77	1.53	1.18	1.02	1.03	0.70	0.67	0.51	0.52	0.53	0.37
NC_1522	2.87	3.35	3.56	**4.00**	3.74	3.20	3.63	3.83	3.58	2.58	2.22	1.70	1.48	1.48	1.00	0.96	0.73	0.75	0.76	0.54
NC_1523	2.30	2.71	3.01	**3.29**	3.08	2.73	3.08	3.23	3.17	2.29	1.97	1.55	1.34	1.35	0.91	0.88	0.67	0.69	0.69	0.49
NC_1524	1.03	1.27	1.21	**1.46**	1.36	1.09	1.31	1.40	1.23	0.88	0.76	0.58	0.50	0.50	0.34	0.33	0.25	0.25	0.26	0.18
NC_1525	2.28	2.84	4.39	5.22	5.44	5.95	6.75	6.91	**7.12**	5.27	5.33	4.47	3.60	3.85	2.53	2.55	2.17	2.23	2.27	1.61
NC_1526	2.49	3.05	3.43	3.62	3.50	3.43	3.81	3.85	**3.89**	3.08	2.75	2.35	2.04	2.07	1.47	1.41	1.08	1.11	1.15	0.86
NC_1527	0.68	0.82	0.79	**0.93**	0.87	0.70	0.81	0.84	0.76	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_1528	0.46	0.58	0.54	**0.64**	0.60	0.48	0.56	0.58	0.52	0.34	0.29	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.07
NC_1529	0.31	0.40	0.37	**0.46**	0.42	0.33	0.41	0.43	0.39	0.25	0.22	0.16	0.14	0.14	0.09	0.09	0.07	0.07	0.07	0.05
NC_1530	4.46	5.20	9.94	13.43	15.72	20.21	22.86	22.99	**23.57**	17.15	19.87	16.81	15.21	15.84	10.96	10.97	8.50	8.65	9.19	6.49
NC_1531	0.28	0.36	0.33	**0.41**	0.38	0.29	0.37	0.39	0.35	0.23	0.19	0.14	0.12	0.12	0.08	0.08	0.06	0.06	0.06	0.04

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1532	5.47	7.11	8.33	9.09	9.70	11.15	12.45	13.42	**13.85**	13.41	12.83	13.09	12.30	11.46	9.59	10.61	11.24	10.55	13.03	7.71
NC_1533	4.74	6.24	7.43	8.28	8.96	10.77	11.97	13.48	**14.02**	14.02	13.52	13.65	12.88	11.41	9.62	11.52	11.73	11.24	13.67	8.50
NC_1534	1.93	2.64	3.14	3.39	3.32	3.39	3.83	3.90	**4.01**	3.11	2.84	2.43	2.07	2.14	1.51	1.45	1.11	1.13	1.15	0.80
NC_1535	3.47	4.29	4.86	5.19	4.90	4.55	5.14	5.34	**5.37**	4.02	3.45	2.82	2.43	2.47	1.68	1.62	1.23	1.27	1.28	0.90
NC_1536	0.42	0.54	0.50	**0.60**	0.56	0.44	0.53	0.56	0.51	0.33	0.28	0.21	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.07
NC_1537	1.35	1.82	2.13	2.30	2.21	2.17	2.49	2.54	**2.60**	2.00	1.77	1.50	1.28	1.31	0.91	0.87	0.66	0.68	0.69	0.48
NC_1538	0.96	1.20	1.13	**1.30**	1.21	1.00	1.12	1.16	1.04	0.68	0.59	0.43	0.37	0.37	0.25	0.24	0.19	0.19	0.19	0.14

PEAK DESIGN FLOOD DISCHARGES - 1% AEP (ARR1987)

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1	57.80	83.54	105.14	123.40	139.14	178.42	207.57	236.74	258.74	**259.92**	252.33	250.37	239.72	197.93	177.82	221.07	194.02	212.37	223.36	158.30
NC_2	0.54	0.73	0.84	0.88	0.89	0.94	1.04	1.11	**1.14**	0.87	0.77	0.67	0.57	0.58	0.41	0.39	0.30	0.31	0.31	0.22
NC_3	0.40	0.45	0.49	0.54	0.51	0.44	0.53	**0.57**	0.51	0.37	0.32	0.25	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_4	0.55	0.84	1.06	1.17	1.18	1.27	1.42	1.40	**1.46**	1.13	1.09	0.94	0.79	0.83	0.59	0.57	0.43	0.44	0.45	0.31
NC_5	6.11	6.85	7.50	**7.68**	7.31	6.71	7.36	7.59	7.49	5.36	4.58	3.59	3.09	3.13	2.13	2.05	1.58	1.61	1.64	1.16
NC_6	1.42	1.57	1.58	**1.73**	1.63	1.38	1.58	1.65	1.47	1.03	0.88	0.66	0.57	0.57	0.39	0.37	0.29	0.29	0.30	0.21
NC_7	1.14	1.30	1.26	**1.41**	1.33	1.10	1.31	1.37	1.22	0.84	0.73	0.55	0.47	0.47	0.32	0.31	0.24	0.24	0.25	0.18
NC_8	0.47	0.54	0.66	0.69	0.65	0.60	0.73	**0.82**	0.78	0.58	0.50	0.42	0.36	0.36	0.25	0.24	0.18	0.19	0.19	0.13
NC_9	1.74	1.86	2.17	2.22	2.12	1.97	2.19	**2.32**	2.22	1.65	1.39	1.11	0.96	0.97	0.66	0.64	0.49	0.50	0.51	0.36
NC_10	3.28	4.55	5.57	6.26	6.66	7.21	**7.82**	7.69	7.79	6.14	6.24	5.20	4.50	4.57	3.45	3.35	2.60	2.66	2.70	1.91
NC_11	3.64	4.00	4.36	**4.52**	4.30	3.88	4.32	4.52	4.34	3.12	2.68	2.09	1.81	1.83	1.25	1.20	0.92	0.94	0.96	0.68
NC_12	0.74	0.85	0.85	0.96	0.90	0.76	0.91	**0.97**	0.86	0.61	0.52	0.40	0.35	0.35	0.24	0.23	0.17	0.18	0.18	0.13
NC_13	0.42	0.46	0.55	0.59	0.55	0.50	0.60	**0.66**	0.60	0.44	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_14	1.56	1.73	1.77	**1.92**	1.82	1.56	1.77	1.85	1.67	1.18	1.01	0.76	0.66	0.66	0.45	0.43	0.33	0.34	0.34	0.24
NC_15	0.83	1.23	1.54	1.66	1.67	1.77	1.98	1.98	**2.06**	1.58	1.48	1.27	1.08	1.12	0.79	0.76	0.58	0.59	0.60	0.42
NC_16	0.65	0.75	0.72	**0.82**	0.77	0.63	0.76	0.80	0.72	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_17	0.40	0.43	0.53	0.57	0.53	0.48	0.59	**0.64**	0.60	0.44	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.10
NC_18	1.57	1.70	1.88	1.98	1.88	1.68	1.93	**2.08**	1.95	1.44	1.24	0.99	0.85	0.86	0.59	0.57	0.44	0.45	0.45	0.32
NC_19	0.53	0.69	0.80	0.83	0.83	0.88	0.97	1.06	**1.07**	0.82	0.72	0.62	0.53	0.54	0.38	0.36	0.28	0.28	0.29	0.20
NC_20	0.37	0.42	0.52	0.54	0.51	0.47	0.57	**0.63**	0.60	0.44	0.38	0.31	0.26	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_21	3.95	5.46	6.69	7.56	8.06	8.78	**9.47**	9.30	9.40	7.44	7.65	6.40	5.53	5.62	4.28	4.16	3.24	3.31	3.36	2.37
NC_22	0.55	0.62	0.66	0.73	0.69	0.59	0.72	**0.78**	0.68	0.50	0.43	0.33	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_23	1.38	2.05	2.59	2.88	2.91	3.10	3.45	3.43	**3.59**	2.75	2.64	2.24	1.91	1.97	1.41	1.36	1.04	1.07	1.08	0.75
NC_24	0.99	1.23	1.41	1.43	1.35	1.37	1.57	1.71	**1.72**	1.30	1.11	0.93	0.80	0.81	0.56	0.54	0.41	0.42	0.43	0.30
NC_25	0.90	1.04	0.99	**1.12**	1.06	0.87	1.04	1.10	0.98	0.67	0.58	0.43	0.37	0.37	0.25	0.24	0.19	0.19	0.19	0.14
NC_26	0.46	0.52	0.59	0.64	0.60	0.53	0.64	**0.70**	0.63	0.46	0.39	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_27	0.82	0.95	0.88	**0.99**	0.93	0.79	0.89	0.93	0.84	0.54	0.47	0.34	0.30	0.30	0.20	0.19	0.15	0.15	0.16	0.11
NC_28	0.93	1.03	1.14	1.22	1.15	1.03	1.22	**1.34**	1.25	0.93	0.80	0.65	0.56	0.57	0.39	0.38	0.29	0.30	0.30	0.21
NC_29	1.05	1.20	1.16	**1.30**	1.23	1.02	1.21	1.27	1.13	0.78	0.67	0.50	0.44	0.44	0.30	0.29	0.22	0.22	0.23	0.16
NC_30	4.35	6.36	8.07	9.40	10.30	11.81	**12.75**	12.52	12.67	10.06	11.11	9.47	8.32	8.63	6.51	6.39	5.61	5.15	6.53	3.64
NC_31	0.40	0.44	0.53	0.57	0.54	0.48	0.59	**0.64**	0.59	0.44	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_32	1.21	1.55	1.80	1.85	1.75	1.79	2.05	2.26	**2.27**	1.71	1.48	1.25	1.06	1.09	0.75	0.72	0.55	0.56	0.57	0.40
NC_33	0.42	0.45	0.56	0.59	0.56	0.51	0.61	**0.67**	0.62	0.46	0.40	0.32	0.27	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_34	6.35	9.32	11.78	13.56	14.59	16.32	17.64	17.34	**17.70**	13.89	15.17	12.88	11.20	11.68	8.76	8.56	7.28	6.85	8.25	4.84
NC_35	0.68	0.76	0.87	0.94	0.88	0.78	0.95	**1.04**	0.95	0.70	0.60	0.49	0.42	0.42	0.29	0.28	0.21	0.22	0.22	0.16
NC_36	2.26	2.97	3.39	3.50	3.31	3.25	3.81	4.02	**4.08**	3.05	2.67	2.24	1.91	1.97	1.36	1.31	1.00	1.02	1.04	0.72
NC_37	0.65	0.75	0.73	**0.83**	0.78	0.64	0.78	0.82	0.73	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_38	0.83	0.96	0.89	**1.01**	0.95	0.80	0.91	0.95	0.86	0.56	0.48	0.36	0.31	0.31	0.21	0.20	0.16	0.16	0.16	0.11
NC_39	0.54	0.60	0.68	0.74	0.69	0.61	0.74	**0.80**	0.72	0.53	0.46	0.36	0.31	0.31	0.21	0.21	0.16	0.16	0.16	0.11
NC_40	6.22	9.15	11.59	13.38	14.47	16.44	**17.81**	17.49	17.81	14.04	15.28	13.07	11.42	11.62	8.86	8.70	7.32	7.00	8.41	4.95
NC_41	1.11	1.21	1.33	1.42	1.34	1.20	1.38	**1.46**	1.35	0.99	0.84	0.66	0.57	0.58	0.39	0.38	0.29	0.30	0.30	0.21
NC_42	0.80	0.91	1.07	1.09	1.03	0.97	1.12	**1.22**	1.20	0.89	0.76	0.62	0.53	0.54	0.37	0.35	0.27	0.28	0.28	0.20
NC_43	1.29	1.42	1.51	**1.63**	1.54	1.33	1.54	1.63	1.46	1.05	0.90	0.68	0.59	0.59	0.40	0.39	0.30	0.30	0.31	0.22
NC_44	0.66	0.76	0.73	**0.83**	0.78	0.64	0.77	0.81	0.72	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_45	0.88	1.01	0.96	**1.08**	1.02	0.84	1.00	1.05	0.94	0.64	0.55	0.41	0.35	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_46	0.45	0.49	0.60	0.64	0.60	0.54	0.66	**0.73**	0.67	0.50	0.43	0.35	0.30	0.30	0.21	0.20	0.15	0.15	0.16	0.11
NC_47	1.79	1.97	1.99	**2.16**	2.05	1.75	1.97	2.05	1.83	1.30	1.11	0.83	0.72	0.72	0.49	0.47	0.36	0.37	0.37	0.27
NC_48	1.74	1.87	2.06	2.17	2.06	1.84	2.07	**2.19**	2.04	1.49	1.27	0.99	0.85	0.86	0.59	0.57	0.44	0.45	0.45	0.32
NC_49	7.24	8.82	10.05	10.89	11.46	15.63	18.81	19.62	**19.96**	16.61	15.59	15.20	17.53	11.86	10.28	13.48	13.40	13.76	14.87	9.59
NC_50	0.44	0.49	0.61	0.64	0.60	0.56	0.67	**0.75**	0.70	0.52	0.45	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_51	1.96	2.12	2.34	**2.45**	2.32	2.08	2.31	2.43	2.29	1.63	1.40	1.07	0.92	0.93	0.63	0.61	0.47	0.48	0.48	0.34
NC_52	1.42	1.55	1.84	1.90	1.80	1.70	1.97	**2.20**	2.15	1.62	1.40	1.18	1.01	1.03	0.72	0.69	0.53	0.54	0.55	0.39
NC_53	2.05	2.54	2.93	3.01	2.84	2.73	3.22	3.47	**3.47**	2.59	2.25	1.88	1.61	1.65	1.13	1.09	0.83	0.85	0.87	0.61
NC_54	1.25	1.39	1.43	**1.56**	1.48	1.26	1.46	1.53	1.36	0.97	0.83	0.63	0.54	0.54	0.37	0.35	0.27	0.28	0.28	0.20
NC_55	0.59	0.68	0.68	0.76	0.72	0.60	0.73	**0.77**	0.68	0.48	0.41	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_56	0.70	0.81	0.76	**0.87**	0.82	0.67	0.79	0.83	0.75	0.49	0.43	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_57	0.91	1.03	1.04	1.16	1.10	0.93	1.11	**1.18**	1.04	0.75	0.64	0.50	0.43	0.43	0.29	0.28	0.22	0.22	0.22	0.16
NC_58	7.20	8.79	10.02	10.88	11.45	15.44	18.54	19.53	**19.94**	16.67	15.55	15.25	17.56	11.86	10.35	13.65	13.42	13.86	15.02	9.70
NC_59	0.98	1.12	1.08	**1.21**	1.14	0.95	1.13	1.19	1.05	0.73	0.63	0.47	0.41	0.41	0.28	0.27	0.20	0.21	0.21	0.15
NC_60	0.68	0.79	0.75	**0.85**	0.80	0.65	0.79	0.82	0.74	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_61	0.69	0.78	0.82	0.90	0.85	0.73	0.88	**0.95**	0.83	0.61	0.52	0.41	0.35	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_62	6.85	7.88	8.72	8.78	8.42	8.11	8.93	**9.31**	9.14	7.18	6.09	5.18	4.47	4.56	3.20	3.08	2.38	2.43	2.50	1.85
NC_63	0.73	0.85	0.79	**0.90**	0.85	0.70	0.83	0.87	0.78	0.52	0.44	0.33	0.29	0.28	0.19	0.19	0.14	0.15	0.15	0.11
NC_64	1.62	2.00	2.25	2.28	2.17	2.11	2.41	2.52	**2.56**	1.93	1.64	1.37	1.18	1.19	0.82	0.79	0.61	0.62	0.63	0.45
NC_65	1.05	1.21	1.12	**1.26**	1.19	1.00	1.14	1.18	1.06	0.70	0.60	0.44	0.39	0.38	0.26	0.25	0.19	0.20	0.20	0.14
NC_66	0.77	0.90	0.83	**0.95**	0.89	0.74	0.87	0.90	0.81	0.53	0.46	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_67	1.98	2.39	2.68	2.71	2.58	2.56	2.91	3.06	**3.12**	2.38	2.07	1.76	1.51	1.54	1.08	1.04	0.80	0.82	0.83	0.59
NC_68	0.78	0.90	0.84	**0.94**	0.89	0.75	0.85	0.88	0.80	0.52	0.45	0.33	0.28	0.28	0.19	0.19	0.14	0.15	0.15	0.11
NC_69	1.77	2.39	2.76	2.86	2.85	2.95	3.24	3.23	**3.32**	2.59	2.37	2.04	1.73	1.79	1.27	1.23	0.95	0.97	0.99	0.70
NC_70	0.67	0.78	0.74	**0.84**	0.79	0.65	0.78	0.82	0.73	0.49	0.42	0.32	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_71	0.65	0.75	0.72	**0.82**	0.77	0.63	0.76	0.80	0.71	0.48	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_72	0.69	0.80	0.76	**0.86**	0.81	0.66	0.80	0.84	0.75	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_73	1.34	1.44	1.65	1.72	1.63	1.49	1.70	**1.83**	1.73	1.29	1.10	0.89	0.76	0.77	0.53	0.51	0.39	0.40	0.41	0.29
NC_74	0.47	0.52	0.58	0.64	0.60	0.52	0.64	**0.69**	0.62	0.45	0.39	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.10
NC_75	7.92	9.34	10.31	10.43	10.00	9.63	10.63	**10.98**	10.86	8.39	7.19	6.07	5.23	5.34	3.75	3.61	2.78	2.84	2.92	2.15
NC_76	2.04	2.25	2.46	**2.57**	2.44	2.19	2.44	2.54	2.42	1.72	1.47	1.13	0.98	0.98	0.67	0.64	0.49	0.50	0.51	0.36
NC_77	2.19	2.51	2.84	2.91	2.76	2.67	3.06	3.28	**3.29**	2.49	2.19	1.89	1.62	1.65	1.14	1.10	0.84	0.86	0.87	0.62
NC_78	0.72	0.81	0.82	**0.91**	0.86	0.72	0.85	0.89	0.80	0.55	0.47	0.35	0.30	0.30	0.20	0.20	0.15	0.15	0.16	0.11
NC_79	0.88	1.01	0.97	**1.10**	1.03	0.85	1.02	1.07	0.95	0.65	0.56	0.42	0.36	0.36	0.25	0.24	0.18	0.19	0.19	0.13
NC_80	1.42	1.62	1.91	1.95	1.85	1.75	2.05	**2.26**	2.23	1.67	1.44	1.21	1.03	1.05	0.73	0.70	0.54	0.55	0.56	0.39
NC_81	1.12	1.20	1.41	1.45	1.38	1.27	1.43	**1.52**	1.45	1.07	0.90	0.72	0.62	0.62	0.43	0.41	0.31	0.32	0.33	0.23
NC_82	2.66	3.40	3.81	3.89	3.71	3.66	4.17	4.30	**4.36**	3.32	2.86	2.40	2.06	2.10	1.46	1.41	1.08	1.10	1.12	0.79
NC_83	0.91	1.06	0.98	**1.09**	1.03	0.88	0.98	1.01	0.92	0.59	0.51	0.37	0.32	0.32	0.22	0.21	0.16	0.17	0.17	0.12
NC_84	0.84	0.96	0.94	**1.06**	1.00	0.83	1.00	1.05	0.93	0.65	0.56	0.42	0.37	0.37	0.25	0.24	0.18	0.19	0.19	0.14
NC_85	0.55	0.62	0.65	0.72	0.68	0.58	0.70	**0.76**	0.66	0.48	0.41	0.32	0.27	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_86	3.65	3.99	4.32	**4.44**	4.23	3.82	4.10	4.18	4.03	2.84	2.42	1.83	1.59	1.59	1.08	1.04	0.80	0.82	0.83	0.59
NC_87	1.15	1.32	1.22	**1.38**	1.31	1.09	1.25	1.30	1.17	0.77	0.67	0.49	0.43	0.43	0.29	0.28	0.21	0.22	0.22	0.16
NC_88	2.64	2.99	3.32	3.50	3.31	2.98	3.44	**3.63**	3.44	2.47	2.11	1.65	1.42	1.43	0.97	0.93	0.71	0.73	0.74	0.52
NC_89	0.37	0.41	0.50	0.53	0.50	0.46	0.56	**0.61**	0.58	0.43	0.37	0.30	0.25	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_90	4.49	5.14	5.73	5.86	5.57	5.20	5.88	**6.19**	6.15	4.55	3.94	3.27	2.83	2.87	1.96	1.89	1.45	1.48	1.50	1.06
NC_91	0.65	0.75	0.72	**0.82**	0.77	0.64	0.77	0.81	0.72	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_92	0.59	0.67	0.68	0.76	0.72	0.60	0.73	**0.78**	0.69	0.49	0.42	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_93	0.91	1.00	1.18	1.24	1.17	1.07	1.28	**1.43**	1.35	1.02	0.88	0.73	0.63	0.64	0.44	0.43	0.33	0.33	0.34	0.24
NC_94	1.51	1.67	1.71	**1.86**	1.76	1.51	1.73	1.81	1.62	1.15	0.99	0.74	0.64	0.64	0.44	0.42	0.32	0.33	0.34	0.24
NC_95	1.31	1.45	1.49	**1.62**	1.54	1.31	1.51	1.58	1.42	1.00	0.86	0.65	0.56	0.56	0.38	0.36	0.28	0.29	0.29	0.21
NC_96	1.74	1.89	2.20	2.26	2.15	1.99	2.23	**2.37**	2.28	1.68	1.42	1.13	0.97	0.98	0.67	0.64	0.49	0.51	0.51	0.36
NC_97	0.66	0.76	0.74	**0.83**	0.79	0.65	0.78	0.83	0.73	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_98	1.91	2.06	2.32	2.41	2.29	2.09	2.35	**2.50**	2.39	1.76	1.50	1.20	1.04	1.05	0.72	0.69	0.53	0.55	0.55	0.39
NC_99	4.31	4.74	5.19	**5.29**	5.04	4.62	4.97	5.09	4.99	3.57	3.03	2.33	2.02	2.03	1.38	1.33	1.02	1.05	1.06	0.76
NC_100	0.74	0.84	0.84	0.94	0.89	0.74	0.90	**0.95**	0.84	0.59	0.51	0.39	0.34	0.34	0.23	0.22	0.17	0.17	0.17	0.12
NC_101	1.85	2.04	2.14	**2.31**	2.19	1.89	2.16	2.28	2.07	1.46	1.25	0.95	0.82	0.82	0.56	0.54	0.41	0.42	0.43	0.30
NC_102	7.17	8.79	10.02	10.89	11.46	15.29	18.40	19.92	**20.46**	17.25	15.90	15.71	17.92	11.93	10.72	14.02	13.76	14.03	15.69	10.17
NC_103	0.72	0.83	0.78	**0.89**	0.84	0.68	0.82	0.86	0.77	0.51	0.44	0.33	0.28	0.28	0.19	0.19	0.14	0.15	0.15	0.11
NC_104	0.44	0.49	0.56	0.61	0.57	0.51	0.62	**0.67**	0.61	0.45	0.39	0.31	0.26	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_105	5.43	6.12	6.76	7.05	6.68	6.06	6.83	**7.16**	6.89	4.91	4.19	3.25	2.81	2.83	1.91	1.84	1.41	1.44	1.46	1.03
NC_106	0.69	0.80	0.75	**0.86**	0.81	0.66	0.79	0.83	0.74	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_107	0.86	0.93	1.09	1.15	1.08	0.99	1.16	**1.27**	1.20	0.89	0.76	0.62	0.53	0.54	0.37	0.35	0.27	0.28	0.28	0.20
NC_108	0.80	0.91	0.90	1.01	0.95	0.79	0.96	**1.01**	0.90	0.63	0.54	0.41	0.35	0.36	0.24	0.23	0.18	0.18	0.19	0.13
NC_109	7.84	9.09	9.95	**10.05**	9.60	8.98	9.60	9.66	9.71	7.00	5.93	4.63	4.00	4.02	2.74	2.63	2.03	2.07	2.10	1.50
NC_110	0.75	0.86	0.80	**0.92**	0.87	0.71	0.84	0.88	0.79	0.52	0.45	0.33	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_111	0.76	0.88	0.81	**0.91**	0.86	0.73	0.83	0.86	0.77	0.50	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_112	0.54	0.73	0.84	0.87	0.88	0.93	1.03	1.11	**1.13**	0.87	0.76	0.66	0.56	0.58	0.40	0.39	0.30	0.30	0.31	0.21
NC_113	0.97	1.12	1.05	**1.19**	1.13	0.92	1.09	1.14	1.02	0.69	0.59	0.44	0.38	0.38	0.26	0.25	0.19	0.20	0.20	0.14
NC_114	0.76	0.88	0.84	**0.96**	0.90	0.74	0.89	0.94	0.84	0.57	0.49	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_115	0.41	0.45	0.54	0.58	0.54	0.49	0.59	**0.65**	0.60	0.44	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_116	2.48	2.71	2.96	**3.07**	2.92	2.63	2.89	3.01	2.87	2.03	1.74	1.32	1.14	1.15	0.78	0.75	0.58	0.59	0.60	0.42
NC_117	1.39	1.54	1.57	**1.71**	1.62	1.38	1.58	1.65	1.48	1.04	0.89	0.67	0.58	0.58	0.39	0.38	0.29	0.30	0.30	0.21
NC_118	0.47	0.52	0.61	0.66	0.62	0.55	0.67	**0.73**	0.67	0.49	0.42	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_119	5.78	6.70	7.41	7.63	7.24	6.68	7.47	**7.72**	7.66	5.45	4.65	3.64	3.14	3.17	2.15	2.07	1.58	1.62	1.64	1.16
NC_120	1.19	1.33	1.40	1.53	1.45	1.24	1.49	**1.60**	1.42	1.05	0.91	0.71	0.62	0.62	0.43	0.41	0.32	0.32	0.33	0.23
NC_121	0.55	0.83	1.05	1.16	1.17	1.25	1.40	1.38	**1.44**	1.11	1.07	0.92	0.78	0.81	0.58	0.56	0.43	0.44	0.44	0.31
NC_122	0.68	0.78	0.74	**0.85**	0.80	0.65	0.78	0.82	0.74	0.50	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_123	1.06	1.39	1.57	1.60	1.52	1.50	1.74	1.83	**1.86**	1.40	1.20	1.00	0.86	0.87	0.60	0.58	0.44	0.45	0.46	0.32
NC_124	18.03	22.14	24.59	24.95	23.88	23.02	25.27	25.46	**25.58**	19.28	16.54	13.64	11.77	11.99	8.34	8.03	6.19	6.32	6.44	4.66
NC_125	0.80	0.93	0.87	**0.96**	0.90	0.77	0.86	0.89	0.81	0.52	0.45	0.33	0.28	0.28	0.19	0.18	0.14	0.15	0.15	0.11
NC_126	1.18	1.28	1.39	**1.47**	1.40	1.24	1.40	1.47	1.35	0.99	0.83	0.65	0.56	0.56	0.38	0.37	0.28	0.29	0.29	0.21
NC_127	0.77	0.88	0.86	**0.97**	0.91	0.75	0.91	0.96	0.85	0.59	0.50	0.38	0.33	0.33	0.22	0.21	0.16	0.17	0.17	0.12
NC_128	1.40	1.56	1.57	**1.72**	1.63	1.38	1.58	1.65	1.47	1.04	0.89	0.66	0.57	0.57	0.39	0.37	0.29	0.29	0.30	0.21
NC_129	2.22	2.97	3.43	3.54	3.46	3.66	4.07	4.34	**4.44**	3.39	3.02	2.60	2.21	2.29	1.60	1.54	1.18	1.20	1.22	0.85
NC_130	0.73	0.84	0.80	**0.91**	0.86	0.70	0.85	0.89	0.79	0.54	0.46	0.34	0.30	0.30	0.20	0.19	0.15	0.15	0.15	0.11
NC_131	0.78	1.16	1.44	1.57	1.58	1.69	1.88	1.87	**1.96**	1.51	1.43	1.23	1.04	1.09	0.77	0.74	0.56	0.58	0.59	0.41
NC_132	0.63	0.72	0.70	**0.80**	0.75	0.62	0.75	0.79	0.70	0.48	0.41	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_133	2.02	2.20	2.39	**2.50**	2.38	2.12	2.35	2.45	2.30	1.64	1.40	1.07	0.93	0.93	0.63	0.61	0.47	0.48	0.48	0.34
NC_134	0.76	0.88	0.83	**0.94**	0.89	0.72	0.87	0.91	0.81	0.54	0.47	0.35	0.30	0.30	0.20	0.20	0.15	0.15	0.16	0.11
NC_135	0.56	0.83	1.06	1.16	1.17	1.25	1.40	1.38	**1.45**	1.11	1.07	0.91	0.77	0.80	0.57	0.55	0.42	0.43	0.44	0.30
NC_136	0.72	0.84	0.77	**0.89**	0.84	0.69	0.81	0.84	0.76	0.50	0.43	0.32	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_137	0.40	0.44	0.53	0.57	0.54	0.48	0.59	**0.64**	0.59	0.44	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_138	7.49	9.11	10.05	10.21	9.73	9.25	10.30	10.56	**10.71**	7.87	6.85	5.65	4.88	4.95	3.39	3.26	2.50	2.56	2.60	1.83
NC_139	0.54	0.75	0.86	0.89	0.88	0.93	1.03	1.10	**1.13**	0.87	0.76	0.65	0.56	0.57	0.40	0.38	0.29	0.30	0.30	0.21
NC_140	1.42	1.58	1.60	**1.75**	1.66	1.41	1.62	1.69	1.51	1.07	0.92	0.69	0.60	0.60	0.40	0.39	0.30	0.31	0.31	0.22
NC_141	0.75	0.87	0.80	**0.91**	0.86	0.72	0.82	0.85	0.77	0.50	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_142	1.53	1.72	1.64	**1.81**	1.72	1.44	1.62	1.66	1.49	1.02	0.88	0.64	0.56	0.56	0.38	0.36	0.28	0.29	0.29	0.21
NC_143	0.42	0.46	0.55	0.59	0.56	0.50	0.61	**0.66**	0.61	0.45	0.38	0.31	0.26	0.26	0.18	0.17	0.13	0.14	0.14	0.10
NC_144	0.67	0.77	0.73	**0.84**	0.79	0.65	0.78	0.82	0.73	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_145	0.65	0.73	0.77	0.85	0.80	0.68	0.83	**0.89**	0.78	0.57	0.49	0.38	0.32	0.33	0.22	0.21	0.16	0.17	0.17	0.12
NC_146	5.82	6.69	7.44	7.64	7.28	6.83	7.75	**8.15**	8.02	6.03	5.24	4.43	3.84	3.93	2.72	2.62	2.02	2.07	2.10	1.49
NC_147	1.65	1.83	1.83	**1.99**	1.89	1.60	1.82	1.89	1.69	1.19	1.02	0.76	0.66	0.66	0.45	0.43	0.33	0.34	0.34	0.24
NC_148	2.96	3.58	3.95	3.98	3.80	3.63	3.96	4.01	**4.06**	3.00	2.51	2.01	1.74	1.75	1.19	1.14	0.88	0.90	0.91	0.65
NC_149	0.81	0.93	0.87	**0.99**	0.94	0.77	0.91	0.95	0.85	0.56	0.49	0.36	0.31	0.31	0.21	0.20	0.16	0.16	0.16	0.12
NC_150	0.71	0.82	0.76	**0.87**	0.82	0.68	0.80	0.83	0.75	0.50	0.43	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_151	1.46	1.60	1.68	**1.80**	1.70	1.49	1.66	1.73	1.60	1.12	0.96	0.72	0.62	0.62	0.42	0.41	0.31	0.32	0.32	0.23
NC_152	4.89	8.88	12.25	15.04	17.24	21.91	24.59	24.78	**25.29**	21.28	22.22	20.21	18.00	17.23	13.53	13.63	11.25	11.31	12.79	9.48
NC_153	0.40	0.46	0.56	0.59	0.55	0.51	0.62	**0.69**	0.65	0.48	0.42	0.34	0.29	0.30	0.20	0.19	0.15	0.15	0.15	0.11
NC_154	5.26	7.05	8.31	8.75	8.63	8.81	9.69	9.64	**9.81**	7.58	6.72	5.64	4.84	4.98	3.49	3.37	2.59	2.65	2.69	1.90
NC_155	2.47	2.71	2.81	**2.98**	2.83	2.47	2.73	2.83	2.64	1.84	1.58	1.18	1.02	1.02	0.69	0.67	0.51	0.53	0.53	0.38
NC_156	2.84	3.90	4.57	4.75	4.63	4.86	5.45	5.72	**5.88**	4.47	4.03	3.45	2.94	3.04	2.13	2.05	1.57	1.61	1.63	1.13
NC_157	3.12	3.41	3.70	**3.78**	3.60	3.28	3.50	3.58	3.49	2.45	2.09	1.58	1.37	1.37	0.93	0.90	0.69	0.71	0.72	0.51
NC_158	4.77	8.68	11.98	14.74	16.93	21.63	24.38	24.73	**25.25**	21.39	22.17	20.38	18.13	17.22	13.55	13.74	11.34	11.45	12.93	9.59
NC_159	0.78	0.90	0.83	**0.95**	0.89	0.75	0.86	0.90	0.81	0.53	0.46	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_160	0.89	1.02	0.97	**1.10**	1.03	0.85	1.01	1.06	0.95	0.64	0.55	0.41	0.36	0.36	0.24	0.23	0.18	0.18	0.19	0.13
NC_161	0.72	0.83	0.77	**0.88**	0.83	0.69	0.81	0.84	0.76	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_162	0.65	0.75	0.72	**0.82**	0.77	0.63	0.76	0.80	0.72	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_163	0.74	0.85	0.80	**0.91**	0.86	0.70	0.84	0.87	0.78	0.52	0.45	0.33	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.11
NC_164	1.64	1.81	1.86	**2.02**	1.91	1.64	1.87	1.96	1.75	1.25	1.07	0.81	0.70	0.70	0.48	0.46	0.35	0.36	0.36	0.26
NC_165	0.73	0.85	0.78	**0.89**	0.84	0.70	0.81	0.85	0.76	0.50	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_166	0.84	0.96	0.91	**1.03**	0.97	0.81	0.94	0.97	0.88	0.58	0.50	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_167	6.85	8.05	8.90	9.08	8.66	8.18	9.20	**9.56**	9.53	7.11	6.19	5.19	4.50	4.62	3.19	3.07	2.37	2.42	2.45	1.74
NC_168	10.82	13.38	14.83	14.99	14.30	13.71	15.13	15.41	**15.69**	11.56	10.02	8.22	7.10	7.23	4.93	4.74	3.64	3.72	3.78	2.67
NC_169	1.24	1.41	1.34	**1.51**	1.43	1.18	1.39	1.45	1.29	0.89	0.76	0.57	0.49	0.49	0.34	0.32	0.25	0.25	0.26	0.18
NC_170	0.80	0.91	0.89	**1.00**	0.95	0.78	0.94	1.00	0.88	0.61	0.53	0.40	0.34	0.34	0.23	0.22	0.17	0.18	0.18	0.13
NC_171	4.18	5.78	6.84	7.13	7.06	7.45	8.32	8.63	**8.91**	6.82	6.22	5.34	4.54	4.76	3.33	3.21	2.45	2.51	2.54	1.77
NC_172	8.86	10.71	11.82	11.99	11.41	10.79	11.88	12.07	**12.28**	8.83	7.56	5.97	5.16	5.22	3.54	3.41	2.61	2.67	2.71	1.92
NC_173	1.30	1.44	1.50	**1.63**	1.54	1.32	1.52	1.60	1.43	1.02	0.88	0.66	0.57	0.57	0.39	0.37	0.29	0.29	0.30	0.21
NC_174	2.45	2.75	3.09	**3.13**	2.98	2.76	3.00	3.09	3.06	2.18	1.85	1.43	1.24	1.24	0.84	0.81	0.62	0.64	0.65	0.46
NC_175	2.28	2.47	2.67	**2.79**	2.65	2.36	2.59	2.70	2.53	1.80	1.54	1.17	1.01	1.01	0.69	0.66	0.51	0.52	0.53	0.38
NC_176	1.60	2.26	2.75	3.09	3.34	5.30	**6.09**	5.86	5.97	4.68	5.18	4.30	3.86	3.50	2.82	2.93	2.59	2.64	2.73	2.00
NC_177	0.82	0.95	0.88	**0.99**	0.93	0.78	0.89	0.93	0.84	0.55	0.47	0.35	0.30	0.30	0.20	0.20	0.15	0.15	0.16	0.11
NC_178	1.41	1.57	1.55	**1.70**	1.61	1.36	1.55	1.61	1.44	1.00	0.86	0.64	0.55	0.55	0.37	0.36	0.28	0.28	0.29	0.20
NC_179	1.23	1.62	1.90	2.03	2.07	2.20	2.45	2.46	**2.56**	2.01	1.87	1.62	1.37	1.45	1.01	0.97	0.74	0.76	0.77	0.54
NC_180	0.81	0.94	0.88	**1.00**	0.94	0.77	0.92	0.96	0.86	0.57	0.49	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_181	1.52	2.17	2.67	3.02	3.30	4.93	5.96	5.92	**6.07**	4.93	5.07	4.71	4.05	3.89	3.16	3.25	2.90	2.96	3.06	2.24
NC_182	0.93	1.06	1.03	**1.16**	1.10	0.91	1.09	1.15	1.02	0.71	0.61	0.46	0.40	0.40	0.27	0.26	0.20	0.21	0.21	0.15
NC_183	0.73	0.85	0.78	**0.89**	0.84	0.70	0.81	0.85	0.76	0.50	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_184	0.76	0.88	0.83	**0.94**	0.89	0.73	0.87	0.91	0.81	0.54	0.47	0.35	0.30	0.30	0.20	0.20	0.15	0.15	0.16	0.11
NC_185	1.35	1.49	1.52	**1.66**	1.57	1.34	1.54	1.62	1.45	1.03	0.88	0.66	0.57	0.57	0.39	0.37	0.29	0.29	0.30	0.21
NC_186	0.42	0.49	0.59	0.62	0.58	0.54	0.65	**0.72**	0.69	0.52	0.44	0.36	0.31	0.32	0.22	0.21	0.16	0.16	0.17	0.11
NC_187	0.74	0.86	0.79	**0.90**	0.85	0.71	0.82	0.86	0.77	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_188	1.72	1.91	1.89	**2.06**	1.96	1.65	1.87	1.94	1.73	1.21	1.04	0.77	0.67	0.67	0.45	0.44	0.34	0.34	0.35	0.25
NC_189	0.44	0.49	0.57	0.62	0.58	0.51	0.62	**0.68**	0.61	0.45	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.10
NC_190	4.54	5.96	7.08	7.91	8.38	8.88	**9.38**	9.08	9.08	7.48	7.34	6.18	5.37	5.56	4.08	3.95	3.04	3.14	3.23	2.41
NC_191	0.86	0.99	0.92	**1.05**	0.99	0.82	0.96	1.00	0.90	0.60	0.52	0.38	0.33	0.33	0.22	0.22	0.17	0.17	0.17	0.12
NC_192	11.58	14.43	16.04	16.21	15.47	14.88	16.41	16.67	**16.97**	12.56	10.88	8.93	7.74	7.87	5.36	5.16	3.96	4.05	4.11	2.91
NC_193	6.58	8.37	9.84	10.98	11.80	14.93	17.90	20.85	**21.92**	20.50	18.81	18.66	19.54	14.97	13.22	16.04	15.99	16.81	19.67	12.81
NC_194	0.81	1.15	1.42	1.54	1.56	1.66	1.85	1.83	**1.92**	1.49	1.41	1.21	1.03	1.08	0.76	0.73	0.56	0.57	0.58	0.40
NC_195	0.87	0.99	0.98	1.10	1.04	0.86	1.04	**1.10**	0.97	0.68	0.59	0.45	0.39	0.39	0.26	0.25	0.19	0.20	0.20	0.14
NC_196	0.63	0.83	0.95	0.97	0.92	0.95	1.08	1.16	**1.18**	0.89	0.77	0.65	0.55	0.57	0.39	0.38	0.29	0.29	0.30	0.21
NC_197	0.55	0.62	0.67	0.74	0.69	0.60	0.72	**0.78**	0.69	0.50	0.43	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_198	0.73	0.85	0.78	**0.90**	0.85	0.70	0.82	0.86	0.77	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_199	1.84	2.02	2.07	**2.22**	2.11	1.82	2.02	2.09	1.92	1.34	1.15	0.86	0.74	0.74	0.50	0.49	0.37	0.38	0.39	0.28
NC_200	3.03	3.27	3.50	**3.68**	3.50	3.09	3.39	3.52	3.27	2.33	1.99	1.50	1.30	1.30	0.88	0.85	0.65	0.67	0.68	0.48
NC_201	0.53	0.63	0.76	0.79	0.74	0.72	0.85	**0.96**	0.93	0.70	0.60	0.51	0.43	0.44	0.31	0.30	0.23	0.23	0.23	0.16
NC_202	1.84	2.00	2.18	**2.29**	2.17	1.93	2.14	2.24	2.10	1.50	1.28	0.97	0.84	0.84	0.57	0.55	0.42	0.43	0.44	0.31
NC_203	1.22	1.30	1.51	1.57	1.49	1.36	1.54	**1.63**	1.55	1.14	0.97	0.77	0.66	0.67	0.46	0.44	0.34	0.35	0.35	0.25
NC_204	0.43	0.47	0.58	0.62	0.58	0.53	0.64	**0.71**	0.66	0.49	0.42	0.34	0.29	0.30	0.20	0.20	0.15	0.15	0.16	0.11
NC_205	7.04	8.49	9.33	9.51	9.07	8.63	9.68	9.98	**10.01**	7.47	6.53	5.47	4.75	4.89	3.37	3.25	2.50	2.56	2.60	1.84
NC_206	0.67	0.90	1.05	1.08	1.02	1.01	1.19	1.29	**1.30**	0.97	0.83	0.70	0.60	0.61	0.42	0.40	0.31	0.31	0.32	0.22
NC_207	3.44	3.79	4.14	**4.24**	4.04	3.68	3.96	4.06	3.94	2.80	2.38	1.81	1.57	1.57	1.07	1.03	0.79	0.81	0.82	0.58
NC_208	0.70	0.81	0.76	**0.87**	0.82	0.67	0.80	0.83	0.75	0.50	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_209	0.36	0.41	0.51	0.53	0.50	0.46	0.56	**0.61**	0.58	0.43	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_210	12.11	15.23	17.02	17.23	16.45	15.90	17.56	17.74	**18.09**	13.46	11.65	9.60	8.31	8.47	5.77	5.56	4.27	4.36	4.42	3.13
NC_211	0.83	0.95	0.90	**1.02**	0.97	0.79	0.95	0.99	0.89	0.60	0.52	0.38	0.33	0.33	0.23	0.22	0.17	0.17	0.17	0.12
NC_212	0.36	0.41	0.50	0.53	0.50	0.46	0.55	**0.61**	0.58	0.43	0.37	0.30	0.25	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_213	6.58	9.01	10.88	11.91	11.96	12.42	**13.57**	13.29	13.56	10.57	9.70	8.15	7.00	7.21	5.13	4.96	3.81	3.90	3.95	2.80
NC_214	0.58	0.80	0.96	1.04	1.05	1.12	1.24	1.24	**1.29**	1.00	0.97	0.83	0.71	0.73	0.52	0.51	0.39	0.40	0.41	0.32
NC_215	3.64	4.34	5.23	6.61	7.50	9.16	**9.89**	9.67	9.64	7.81	7.85	6.68	5.54	4.70	4.14	4.22	3.58	3.67	3.73	2.75
NC_216	0.41	0.45	0.54	0.58	0.55	0.49	0.59	**0.65**	0.59	0.44	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_217	0.49	0.67	0.77	0.81	0.81	0.85	0.95	1.01	**1.04**	0.80	0.70	0.60	0.51	0.52	0.36	0.35	0.27	0.27	0.28	0.19

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_218	3.53	4.99	6.55	7.73	8.61	10.57	**11.56**	11.48	11.56	9.30	9.54	8.26	7.23	7.03	5.23	5.42	4.28	4.37	4.52	3.22
NC_219	0.80	1.05	1.21	1.24	1.21	1.28	1.43	1.56	**1.58**	1.20	1.05	0.89	0.76	0.79	0.54	0.52	0.40	0.41	0.41	0.29
NC_220	2.56	2.78	3.13	**3.18**	3.03	2.79	3.02	3.14	3.06	2.19	1.86	1.43	1.24	1.24	0.84	0.81	0.62	0.64	0.65	0.46
NC_221	0.70	0.81	0.77	**0.88**	0.83	0.68	0.82	0.86	0.77	0.52	0.45	0.33	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.11
NC_222	0.67	0.77	0.74	**0.84**	0.79	0.65	0.79	0.83	0.74	0.51	0.44	0.33	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_223	0.89	1.02	0.96	**1.09**	1.03	0.85	1.00	1.05	0.94	0.63	0.54	0.40	0.35	0.35	0.24	0.23	0.17	0.18	0.18	0.13
NC_224	0.72	0.83	0.79	**0.90**	0.85	0.69	0.83	0.88	0.78	0.53	0.45	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_225	4.87	6.58	7.88	8.61	8.83	9.12	**9.90**	9.67	9.74	7.58	7.04	5.80	5.00	5.08	3.66	3.54	2.72	2.78	2.82	1.99
NC_226	3.81	4.33	4.76	**4.82**	4.60	4.27	4.57	4.63	4.63	3.30	2.79	2.16	1.87	1.87	1.27	1.22	0.94	0.96	0.98	0.69
NC_227	2.04	2.25	2.68	3.03	3.31	4.94	6.10	6.13	**6.32**	5.11	5.19	4.92	4.25	4.18	3.36	3.45	3.05	3.11	3.22	2.35
NC_228	0.63	0.72	0.72	0.81	0.76	0.64	0.78	**0.83**	0.73	0.52	0.44	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_229	6.42	8.19	9.60	10.61	11.32	13.81	16.00	17.55	**18.44**	18.29	17.50	17.52	18.02	15.09	13.98	16.08	16.15	16.72	18.38	13.02
NC_230	0.44	0.49	0.58	0.62	0.59	0.52	0.64	**0.70**	0.64	0.47	0.40	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_231	1.20	1.31	1.47	1.56	1.47	1.33	1.55	**1.69**	1.59	1.19	1.02	0.83	0.72	0.73	0.50	0.48	0.37	0.38	0.39	0.27
NC_232	12.20	15.43	17.34	17.59	16.81	16.30	18.02	18.13	**18.48**	13.78	11.99	9.88	8.56	8.74	5.96	5.73	4.40	4.50	4.56	3.23
NC_233	0.41	0.45	0.54	0.58	0.54	0.49	0.59	**0.65**	0.60	0.44	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.10
NC_234	6.84	9.42	11.44	12.61	12.80	13.35	**14.54**	14.23	14.51	11.35	10.52	8.85	7.59	7.80	5.59	5.40	4.15	4.24	4.30	3.04
NC_235	0.76	0.88	0.82	**0.93**	0.88	0.72	0.86	0.90	0.80	0.53	0.46	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_236	0.95	1.36	1.60	1.66	1.58	1.64	1.88	1.98	**2.03**	1.54	1.35	1.14	0.97	0.99	0.69	0.66	0.50	0.52	0.52	0.36
NC_237	3.61	5.03	6.59	7.80	8.73	10.78	11.85	11.82	**11.92**	9.66	9.82	8.58	7.54	7.26	5.42	5.70	4.49	4.59	4.74	3.37
NC_238	23.19	31.20	37.26	40.79	41.91	43.85	**47.44**	46.50	46.74	36.75	34.33	28.67	24.83	24.92	18.40	17.80	13.72	14.25	14.70	10.19
NC_239	3.50	7.54	10.53	11.74	11.63	12.09	13.83	14.33	**14.68**	10.96	9.87	8.14	7.06	7.28	5.01	4.83	3.72	3.92	4.03	2.82
NC_240	6.34	8.89	10.97	12.52	13.45	14.71	**15.82**	15.44	15.50	12.29	12.24	10.18	8.81	8.87	6.68	6.48	4.99	5.11	5.18	3.65
NC_241	0.68	0.77	0.83	0.91	0.86	0.74	0.90	**0.97**	0.86	0.63	0.54	0.43	0.37	0.37	0.25	0.24	0.19	0.19	0.19	0.14
NC_242	0.46	0.51	0.61	0.66	0.62	0.55	0.67	**0.74**	0.68	0.50	0.43	0.35	0.30	0.30	0.21	0.20	0.15	0.15	0.16	0.11
NC_243	2.50	2.82	3.24	3.33	3.17	3.28	3.58	**3.90**	3.89	3.01	2.74	2.40	2.07	2.15	1.50	1.44	1.11	1.13	1.15	0.81
NC_244	24.29	32.46	38.55	41.84	42.49	43.77	**47.52**	46.62	46.96	36.68	33.93	28.24	24.40	24.56	17.98	17.38	13.37	13.91	14.34	9.93
NC_245	1.42	2.11	2.63	2.81	2.80	2.93	3.30	3.35	**3.48**	2.65	2.43	2.07	1.76	1.83	1.28	1.23	0.94	0.96	0.98	0.68
NC_246	0.80	0.92	0.85	**0.97**	0.91	0.76	0.88	0.92	0.83	0.54	0.47	0.34	0.30	0.30	0.20	0.19	0.15	0.15	0.16	0.11
NC_247	0.71	0.82	0.79	**0.89**	0.84	0.69	0.83	0.87	0.78	0.53	0.46	0.34	0.29	0.30	0.20	0.19	0.15	0.15	0.15	0.11
NC_248	0.62	0.88	1.09	1.25	1.31	1.41	1.54	1.52	**1.56**	1.22	1.27	1.06	0.91	0.94	0.69	0.67	0.52	0.53	0.54	0.41
NC_249	1.23	1.59	1.83	1.91	1.90	1.99	2.21	2.26	**2.36**	1.83	1.61	1.38	1.18	1.22	0.84	0.81	0.62	0.64	0.65	0.45
NC_250	0.36	0.41	0.50	0.53	0.50	0.46	0.55	**0.61**	0.58	0.43	0.37	0.30	0.25	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_251	0.36	0.41	0.50	0.53	0.49	0.46	0.55	**0.61**	0.58	0.43	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_252	3.65	5.04	6.60	7.82	8.77	10.87	12.00	12.01	**12.14**	9.90	9.97	8.80	7.74	7.35	5.60	5.88	4.63	4.73	4.88	3.47
NC_253	1.45	1.75	2.03	2.21	2.24	2.38	2.64	2.57	**2.68**	2.12	2.02	1.74	1.47	1.55	1.10	1.06	0.81	0.83	0.84	0.59
NC_254	0.36	0.41	0.50	0.53	0.49	0.46	0.55	**0.61**	0.58	0.43	0.37	0.30	0.25	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_255	0.57	0.70	0.83	0.85	0.80	0.81	0.93	**1.05**	1.03	0.78	0.68	0.58	0.49	0.50	0.35	0.34	0.26	0.26	0.27	0.19
NC_256	0.40	0.44	0.54	0.58	0.54	0.49	0.60	**0.66**	0.61	0.45	0.39	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_257	0.68	0.87	1.01	1.03	0.97	0.95	1.12	**1.23**	1.23	0.91	0.78	0.65	0.55	0.56	0.39	0.37	0.28	0.29	0.29	0.20
NC_258	3.59	4.33	5.06	6.24	7.14	9.19	10.44	10.58	**10.66**	9.07	8.44	7.81	6.34	5.86	4.99	5.12	4.42	4.54	4.62	3.38
NC_259	0.46	0.51	0.61	0.66	0.62	0.55	0.67	**0.73**	0.67	0.50	0.43	0.34	0.29	0.30	0.20	0.20	0.15	0.15	0.15	0.11
NC_260	14.97	20.34	27.34	29.99	29.44	30.15	34.33	35.03	**36.01**	26.86	24.04	19.85	17.21	17.69	12.10	11.65	8.96	9.24	9.46	6.68
NC_261	0.76	0.89	0.82	**0.92**	0.87	0.73	0.83	0.86	0.78	0.50	0.43	0.32	0.28	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_262	5.79	6.74	7.39	**7.51**	7.15	6.66	7.22	7.32	7.35	5.24	4.46	3.47	3.00	3.02	2.05	1.97	1.51	1.55	1.57	1.11
NC_263	57.85	83.61	105.23	123.50	139.23	178.53	207.67	236.73	258.58	**259.15**	251.35	249.42	239.02	197.60	176.85	219.98	193.09	210.84	221.80	157.23
NC_264	0.37	0.42	0.51	0.54	0.51	0.47	0.57	**0.62**	0.59	0.43	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_265	1.04	1.20	1.14	**1.29**	1.21	1.00	1.19	1.24	1.11	0.76	0.65	0.49	0.42	0.42	0.29	0.28	0.21	0.22	0.22	0.16
NC_266	1.57	1.70	1.98	2.03	1.93	1.79	2.01	**2.14**	2.06	1.52	1.28	1.02	0.88	0.89	0.61	0.59	0.45	0.46	0.47	0.33
NC_267	0.55	0.77	0.89	0.94	0.95	1.01	1.11	1.17	**1.21**	0.93	0.84	0.73	0.62	0.64	0.45	0.43	0.33	0.34	0.34	0.24
NC_268	7.30	10.83	15.00	18.55	21.47	28.38	33.59	36.51	**37.80**	33.87	32.70	32.98	29.44	26.71	21.79	22.88	19.33	19.71	21.39	14.83
NC_269	0.48	0.67	0.78	0.81	0.81	0.85	0.95	1.00	**1.03**	0.79	0.70	0.60	0.51	0.52	0.36	0.35	0.27	0.27	0.28	0.19
NC_270	1.40	1.92	2.32	2.50	2.48	2.56	2.83	2.80	**2.86**	2.21	2.00	1.67	1.43	1.47	1.04	1.00	0.77	0.79	0.80	0.56
NC_271	3.53	4.29	4.97	6.05	6.91	8.93	10.41	10.67	**10.77**	9.35	8.53	8.10	6.57	6.26	5.24	5.44	4.76	4.89	4.97	3.64
NC_272	6.40	8.17	9.58	10.60	11.31	13.79	15.99	17.55	18.46	18.61	17.97	18.00	18.29	15.62	14.49	16.27	16.55	17.23	**18.66**	13.55
NC_273	0.52	0.74	0.87	0.92	0.93	0.98	1.09	1.13	**1.17**	0.91	0.82	0.71	0.60	0.62	0.43	0.42	0.32	0.33	0.33	0.23
NC_274	4.05	5.60	6.85	8.10	9.14	11.50	12.75	12.82	**12.98**	10.73	10.68	9.53	8.44	7.99	6.22	6.48	5.08	5.19	5.35	3.80
NC_275	15.02	20.31	27.24	30.07	29.66	30.48	34.67	35.27	**36.31**	27.06	24.34	20.09	17.39	17.96	12.28	11.83	9.10	9.38	9.60	6.78
NC_276	0.62	0.72	0.70	**0.79**	0.75	0.62	0.74	0.79	0.70	0.48	0.41	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_277	1.31	1.84	2.26	2.55	2.70	2.85	**3.10**	3.05	3.08	2.41	2.35	1.94	1.67	1.71	1.25	1.20	0.93	0.95	0.96	0.67
NC_278	0.62	0.71	0.71	0.80	0.76	0.63	0.76	**0.81**	0.72	0.50	0.43	0.33	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_279	16.31	21.60	28.25	31.58	31.76	33.10	37.28	37.58	**38.75**	29.02	26.88	22.36	19.39	20.02	13.73	13.23	10.18	10.48	10.72	7.57
NC_280	57.87	83.65	105.27	123.54	139.29	178.60	207.73	236.78	258.60	**259.11**	251.26	249.31	238.93	197.49	176.73	219.89	192.99	210.66	221.62	157.10
NC_281	0.62	0.71	0.70	**0.79**	0.74	0.61	0.74	0.79	0.70	0.48	0.41	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_282	0.41	0.48	0.58	0.60	0.56	0.53	0.64	**0.71**	0.68	0.50	0.43	0.36	0.30	0.31	0.21	0.20	0.16	0.16	0.16	0.11
NC_283	1.19	1.32	1.34	**1.47**	1.39	1.18	1.36	1.42	1.27	0.89	0.76	0.57	0.49	0.50	0.34	0.32	0.25	0.25	0.26	0.18
NC_284	1.08	1.59	2.01	2.32	2.49	2.71	2.95	2.90	**2.97**	2.32	2.46	2.05	1.77	1.83	1.35	1.31	1.01	1.04	1.05	0.76
NC_285	23.04	31.15	37.38	41.20	42.76	45.48	**49.07**	48.05	48.19	38.10	35.94	30.12	26.14	26.00	19.50	18.89	14.58	15.09	15.56	10.78
NC_286	0.36	0.41	0.50	0.53	0.49	0.46	0.55	**0.61**	0.58	0.43	0.37	0.30	0.25	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_287	57.82	83.57	105.17	123.43	139.17	178.46	207.60	236.75	258.74	**259.83**	252.19	250.24	239.64	197.91	177.61	220.83	193.85	212.10	223.09	158.11
NC_288	1.06	1.21	1.16	**1.31**	1.24	1.02	1.22	1.28	1.14	0.79	0.68	0.51	0.44	0.44	0.30	0.29	0.22	0.23	0.23	0.16
NC_289	3.97	4.81	5.32	5.42	5.16	4.89	5.39	5.46	**5.49**	4.01	3.41	2.71	2.35	2.36	1.60	1.54	1.19	1.21	1.23	0.87
NC_290	0.70	0.81	0.76	**0.87**	0.82	0.67	0.80	0.84	0.75	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_291	0.82	0.94	0.91	**1.03**	0.97	0.80	0.96	1.02	0.90	0.62	0.54	0.40	0.35	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_292	0.71	0.89	1.04	1.06	1.07	1.14	1.25	1.38	**1.38**	1.07	0.95	0.83	0.71	0.73	0.51	0.50	0.38	0.39	0.40	0.27
NC_293	7.20	10.16	12.57	14.37	15.50	17.43	**18.77**	18.35	18.44	14.73	14.69	12.42	10.77	10.69	8.19	7.98	6.19	6.33	6.42	4.52
NC_294	2.11	3.12	3.97	4.59	4.98	5.67	**6.16**	6.05	6.15	4.85	5.15	4.35	3.77	3.78	2.87	2.81	2.18	2.24	2.29	1.64
NC_295	0.73	0.84	0.80	**0.91**	0.86	0.71	0.85	0.90	0.80	0.54	0.47	0.35	0.30	0.30	0.21	0.20	0.15	0.16	0.16	0.11
NC_296	0.70	0.81	0.77	**0.88**	0.83	0.68	0.82	0.86	0.77	0.52	0.45	0.33	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.11
NC_297	1.06	1.18	1.31	1.38	1.30	1.17	1.33	**1.41**	1.32	0.95	0.81	0.62	0.54	0.54	0.37	0.35	0.27	0.28	0.28	0.20
NC_298	3.40	4.39	5.08	5.22	5.05	4.97	5.49	5.45	**5.54**	4.17	3.63	2.98	2.58	2.61	1.79	1.72	1.32	1.35	1.37	0.97
NC_299	30.56	42.33	51.71	58.18	61.74	68.29	**73.76**	72.44	73.04	58.26	57.49	48.78	42.38	41.71	32.15	31.38	24.34	24.95	25.63	17.85
NC_300	0.79	0.91	0.86	**0.97**	0.92	0.75	0.90	0.94	0.84	0.57	0.49	0.36	0.31	0.31	0.21	0.21	0.16	0.16	0.16	0.12
NC_301	1.46	1.67	1.60	**1.79**	1.69	1.40	1.65	1.72	1.56	1.04	0.90	0.67	0.58	0.58	0.39	0.38	0.29	0.30	0.30	0.21
NC_302	57.97	83.79	105.44	123.73	139.49	178.86	207.99	236.98	258.76	**259.14**	251.27	249.33	238.90	197.52	176.77	220.07	192.69	210.51	221.46	156.99
NC_303	1.97	2.51	2.79	2.84	2.71	2.65	3.00	3.10	**3.13**	2.38	2.01	1.67	1.43	1.45	1.00	0.97	0.74	0.76	0.77	0.54
NC_304	0.91	1.32	1.66	1.86	1.89	2.02	2.24	2.21	**2.31**	1.77	1.74	1.47	1.25	1.30	0.93	0.90	0.69	0.71	0.72	0.50
NC_305	0.64	0.74	0.72	**0.82**	0.77	0.64	0.77	0.81	0.72	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_306	2.32	3.45	4.41	5.16	5.70	6.83	**7.41**	7.28	7.41	5.98	6.35	5.47	4.79	4.75	3.67	3.62	2.84	2.91	2.99	2.18
NC_307	0.96	1.31	1.53	1.61	1.64	1.73	1.91	1.96	**2.04**	1.59	1.43	1.24	1.05	1.09	0.76	0.74	0.56	0.58	0.58	0.41
NC_308	8.84	12.68	15.92	18.51	20.39	23.97	**25.91**	25.45	25.65	20.83	21.25	18.23	15.94	15.46	12.27	12.04	9.36	9.58	9.71	6.80
NC_309	0.78	1.10	1.27	1.32	1.32	1.40	1.55	1.65	**1.70**	1.31	1.16	1.01	0.86	0.88	0.62	0.60	0.46	0.47	0.48	0.33
NC_310	4.25	5.53	6.47	6.91	7.18	8.99	10.77	11.40	**11.55**	10.34	9.08	9.00	7.52	7.52	6.06	6.25	5.51	5.67	5.77	4.20
NC_311	1.99	2.40	2.67	2.70	2.58	2.45	2.71	2.77	**2.78**	2.05	1.72	1.38	1.19	1.19	0.82	0.78	0.60	0.62	0.62	0.44
NC_312	1.35	1.50	1.50	**1.65**	1.56	1.32	1.51	1.58	1.41	0.99	0.85	0.63	0.55	0.55	0.37	0.36	0.28	0.28	0.29	0.20
NC_313	7.09	10.01	12.40	14.19	15.33	17.39	**18.78**	18.40	18.51	14.84	14.78	12.58	10.94	10.71	8.28	8.12	6.32	6.46	6.55	4.61
NC_314	0.55	0.60	0.73	0.78	0.74	0.67	0.81	**0.90**	0.84	0.62	0.54	0.44	0.38	0.38	0.26	0.25	0.19	0.20	0.20	0.14
NC_315	2.22	2.42	2.55	**2.71**	2.57	2.25	2.49	2.60	2.41	1.69	1.45	1.09	0.94	0.95	0.64	0.62	0.47	0.48	0.49	0.35
NC_316	2.43	3.62	4.63	5.45	6.08	7.40	8.02	7.88	**8.03**	6.56	6.98	6.01	5.29	5.28	4.09	4.03	3.15	3.22	3.32	2.41
NC_317	0.69	0.79	0.75	**0.86**	0.81	0.66	0.79	0.83	0.74	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_318	57.34	82.85	104.21	122.24	137.75	176.35	204.61	229.90	**245.93**	239.22	229.27	231.39	221.96	190.16	164.83	198.62	173.08	185.74	195.99	139.05
NC_319	0.74	0.85	0.79	**0.90**	0.85	0.71	0.82	0.86	0.77	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_320	2.47	3.68	4.72	5.56	6.24	7.66	8.30	8.16	**8.32**	6.84	7.26	6.26	5.53	5.59	4.30	4.23	3.30	3.38	3.47	2.52
NC_321	0.82	0.94	0.89	**1.01**	0.95	0.78	0.93	0.97	0.87	0.59	0.50	0.37	0.32	0.32	0.22	0.21	0.16	0.17	0.17	0.12
NC_322	0.41	0.45	0.54	0.58	0.55	0.49	0.60	**0.65**	0.60	0.44	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_323	1.56	1.76	1.79	1.97	1.86	1.58	1.87	**2.00**	1.76	1.29	1.11	0.87	0.75	0.75	0.52	0.50	0.38	0.39	0.40	0.28
NC_324	4.94	7.07	8.70	9.69	10.55	12.16	**13.03**	12.75	12.88	10.35	11.57	9.82	8.52	8.94	6.72	6.57	5.09	5.21	5.32	3.81
NC_325	8.66	11.05	13.01	14.76	16.48	20.02	22.77	25.08	**25.96**	25.28	24.63	24.81	24.16	21.23	18.81	22.26	21.46	22.26	25.02	18.28
NC_326	4.64	6.82	8.61	9.86	10.76	12.60	**13.57**	13.29	13.43	10.96	12.02	10.33	9.03	9.25	7.09	6.96	5.43	5.56	5.68	4.06
NC_327	0.58	0.70	0.83	0.85	0.80	0.85	0.94	**1.07**	1.06	0.80	0.70	0.59	0.51	0.52	0.36	0.35	0.26	0.27	0.27	0.19
NC_328	0.68	0.78	0.75	**0.85**	0.80	0.66	0.78	0.82	0.74	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_329	0.78	0.90	0.86	**0.97**	0.92	0.76	0.91	0.95	0.85	0.58	0.50	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_330	0.68	0.78	0.74	**0.85**	0.80	0.65	0.78	0.82	0.74	0.49	0.42	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_331	7.33	10.38	12.88	14.79	16.05	18.49	**20.01**	19.65	19.80	15.97	15.87	13.63	11.91	11.48	9.10	8.90	6.92	7.08	7.18	5.05
NC_332	2.24	2.44	2.61	**2.77**	2.63	2.31	2.61	2.76	2.56	1.85	1.59	1.24	1.07	1.08	0.74	0.71	0.55	0.56	0.57	0.40
NC_333	4.10	5.31	6.05	6.19	5.93	5.84	6.56	6.63	**6.72**	5.09	4.38	3.62	3.11	3.15	2.18	2.10	1.61	1.65	1.67	1.18
NC_334	0.71	0.81	0.78	**0.89**	0.84	0.69	0.83	0.87	0.78	0.53	0.46	0.34	0.30	0.30	0.20	0.19	0.15	0.15	0.15	0.11
NC_335	0.36	0.41	0.50	0.53	0.50	0.46	0.55	**0.61**	0.58	0.43	0.36	0.30	0.25	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_336	0.37	0.42	0.51	0.54	0.50	0.47	0.56	**0.62**	0.59	0.43	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_337	0.89	1.03	0.97	**1.10**	1.04	0.85	1.02	1.06	0.95	0.64	0.55	0.41	0.36	0.36	0.24	0.23	0.18	0.18	0.19	0.13
NC_338	0.41	0.47	0.57	0.60	0.56	0.52	0.63	**0.70**	0.67	0.50	0.43	0.35	0.30	0.30	0.21	0.20	0.15	0.16	0.16	0.11
NC_339	1.40	1.60	1.76	**1.80**	1.71	1.58	1.73	1.77	1.75	1.25	1.06	0.82	0.71	0.71	0.48	0.47	0.36	0.37	0.37	0.26
NC_340	0.50	0.56	0.61	0.67	0.63	0.54	0.66	**0.71**	0.63	0.46	0.39	0.31	0.26	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_341	8.64	11.03	13.00	14.74	16.43	19.97	22.71	25.14	**26.00**	25.42	24.79	24.95	24.29	21.34	18.91	22.36	21.60	22.41	25.23	18.43
NC_342	4.08	4.44	4.86	**5.03**	4.78	4.31	4.71	4.89	4.67	3.33	2.84	2.17	1.88	1.88	1.28	1.23	0.95	0.97	0.98	0.70
NC_343	0.79	0.98	1.16	1.19	1.12	1.07	1.28	**1.40**	1.38	1.03	0.88	0.73	0.62	0.64	0.44	0.42	0.32	0.33	0.33	0.23
NC_344	1.39	1.54	1.58	**1.72**	1.63	1.39	1.60	1.68	1.50	1.07	0.91	0.69	0.59	0.60	0.40	0.39	0.30	0.31	0.31	0.22
NC_345	0.36	0.41	0.50	0.53	0.49	0.46	0.55	**0.61**	0.58	0.43	0.37	0.30	0.25	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_346	3.95	4.36	4.67	**4.89**	4.65	4.14	4.56	4.73	4.46	3.15	2.69	2.04	1.76	1.77	1.20	1.15	0.89	0.91	0.92	0.65
NC_347	0.73	0.84	0.78	**0.89**	0.84	0.69	0.82	0.85	0.77	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_348	0.48	0.69	0.81	0.85	0.85	0.90	1.00	1.04	**1.08**	0.83	0.74	0.63	0.54	0.55	0.38	0.37	0.28	0.29	0.29	0.20
NC_349	0.68	0.91	1.09	1.19	1.21	1.29	1.44	1.42	**1.49**	1.17	1.12	0.96	0.82	0.85	0.60	0.58	0.45	0.46	0.46	0.32
NC_350	4.70	6.94	8.81	10.20	11.15	13.24	**14.29**	14.02	14.20	11.78	12.70	11.04	9.72	9.80	7.61	7.50	5.89	6.03	6.15	4.40
NC_351	0.52	0.67	0.77	0.79	0.79	0.83	0.92	1.02	**1.02**	0.78	0.68	0.58	0.50	0.51	0.35	0.34	0.26	0.27	0.27	0.19
NC_352	0.74	1.02	1.26	1.43	1.49	1.61	1.76	1.73	**1.81**	1.39	1.45	1.23	1.03	1.09	0.79	0.76	0.59	0.60	0.61	0.42
NC_353	1.22	1.32	1.47	1.55	1.47	1.32	1.51	**1.60**	1.48	1.09	0.93	0.73	0.63	0.63	0.43	0.42	0.32	0.33	0.33	0.24
NC_354	8.82	12.65	15.88	18.46	20.32	23.83	**25.72**	25.22	25.41	20.59	21.05	18.02	15.73	15.36	12.08	11.86	9.22	9.43	9.57	6.70
NC_355	57.34	82.86	104.23	122.26	137.76	176.37	204.63	229.91	**245.92**	239.17	229.18	231.28	221.85	190.12	164.75	198.50	173.01	185.60	195.85	138.95
NC_356	4.06	5.63	7.27	8.73	10.00	12.92	14.67	15.16	**15.42**	13.70	13.22	12.63	11.23	10.63	8.68	8.99	7.25	7.41	7.59	5.40
NC_357	0.79	0.91	0.85	**0.97**	0.91	0.75	0.88	0.92	0.83	0.55	0.47	0.35	0.30	0.30	0.20	0.20	0.15	0.16	0.16	0.11
NC_358	3.11	4.59	5.71	6.25	6.24	6.56	7.38	7.46	**7.73**	5.86	5.49	4.62	3.95	4.12	2.89	2.79	2.13	2.19	2.22	1.54
NC_359	1.41	1.55	1.62	**1.74**	1.65	1.43	1.60	1.67	1.55	1.08	0.93	0.70	0.60	0.60	0.41	0.39	0.30	0.31	0.31	0.22
NC_360	0.74	1.01	1.16	1.19	1.13	1.16	1.34	1.45	**1.47**	1.11	0.96	0.81	0.69	0.70	0.49	0.47	0.36	0.37	0.37	0.26
NC_361	1.22	1.48	1.69	1.70	1.65	1.74	1.93	2.09	**2.11**	1.62	1.40	1.21	1.03	1.06	0.74	0.71	0.55	0.56	0.57	0.40
NC_362	57.35	82.87	104.24	122.27	137.78	176.39	204.64	229.92	**245.92**	239.10	229.10	231.15	221.81	190.08	164.65	198.36	172.92	185.45	195.69	138.84
NC_363	0.42	0.46	0.58	0.61	0.57	0.52	0.64	**0.70**	0.66	0.49	0.42	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_364	0.69	0.80	0.76	**0.86**	0.81	0.66	0.80	0.84	0.75	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_365	0.57	0.85	1.09	1.22	1.24	1.33	1.48	1.46	**1.53**	1.17	1.15	0.98	0.83	0.87	0.62	0.60	0.46	0.47	0.48	0.33
NC_366	1.02	1.17	1.13	**1.27**	1.20	1.00	1.19	1.25	1.11	0.77	0.66	0.50	0.43	0.43	0.29	0.28	0.22	0.22	0.23	0.16
NC_367	0.52	0.75	0.87	0.92	0.92	0.97	1.07	1.12	**1.16**	0.89	0.79	0.68	0.58	0.60	0.42	0.40	0.31	0.31	0.32	0.22
NC_368	3.57	5.08	6.11	6.37	6.11	6.32	7.25	7.56	**7.77**	5.82	5.24	4.40	3.76	3.93	2.72	2.62	2.00	2.04	2.08	1.44
NC_369	0.39	0.45	0.55	0.58	0.54	0.50	0.60	**0.67**	0.63	0.47	0.40	0.33	0.28	0.28	0.19	0.19	0.14	0.15	0.15	0.10
NC_370	0.70	0.80	0.77	**0.87**	0.82	0.67	0.81	0.85	0.76	0.52	0.44	0.33	0.29	0.29	0.19	0.19	0.14	0.15	0.15	0.11
NC_371	1.69	2.31	2.69	2.78	2.63	2.64	3.08	3.30	**3.34**	2.49	2.17	1.82	1.55	1.60	1.10	1.06	0.80	0.82	0.84	0.58
NC_372	57.36	82.88	104.26	122.29	137.80	176.41	204.66	229.93	**245.90**	239.01	229.00	231.11	221.78	190.04	164.57	198.24	172.84	185.30	195.55	138.74
NC_373	0.71	0.82	0.77	**0.88**	0.83	0.68	0.80	0.84	0.76	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_374	0.70	0.88	1.03	1.06	0.99	1.05	1.17	**1.33**	1.32	1.00	0.88	0.77	0.66	0.68	0.47	0.46	0.35	0.36	0.37	0.25
NC_375	3.05	4.42	5.54	6.36	6.86	7.84	**8.48**	8.34	8.46	7.00	7.54	6.72	6.17	6.10	4.71	4.80	3.98	4.10	4.20	2.95
NC_376	0.79	0.91	0.86	**0.98**	0.92	0.75	0.90	0.95	0.85	0.57	0.49	0.36	0.32	0.32	0.21	0.21	0.16	0.16	0.16	0.12
NC_377	5.48	8.04	10.19	11.78	12.82	15.04	**16.25**	15.96	16.17	13.38	14.48	12.59	11.09	11.21	8.67	8.57	6.75	6.92	7.05	5.03
NC_378	0.45	0.50	0.58	0.63	0.59	0.52	0.63	**0.69**	0.63	0.46	0.40	0.31	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_379	0.82	0.95	0.88	**1.00**	0.95	0.79	0.91	0.95	0.86	0.57	0.49	0.36	0.31	0.31	0.21	0.20	0.16	0.16	0.16	0.12
NC_380	3.44	4.85	5.77	6.00	5.72	5.92	6.80	7.15	**7.33**	5.51	4.91	4.14	3.53	3.67	2.54	2.45	1.87	1.91	1.94	1.34
NC_381	4.14	5.69	7.36	8.78	10.06	12.99	14.81	15.35	**15.61**	13.93	13.40	12.87	11.43	10.95	8.92	9.22	7.43	7.59	7.78	5.53
NC_382	0.63	0.72	0.71	**0.80**	0.76	0.63	0.75	0.79	0.71	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_383	1.08	1.17	1.43	1.49	1.41	1.29	1.53	**1.69**	1.60	1.18	1.02	0.82	0.70	0.71	0.49	0.47	0.36	0.37	0.37	0.26
NC_384	0.48	0.54	0.66	0.69	0.65	0.60	0.73	**0.81**	0.77	0.58	0.50	0.41	0.35	0.36	0.24	0.23	0.18	0.18	0.19	0.13
NC_385	13.41	18.16	21.90	24.22	25.72	29.74	34.59	40.05	**41.79**	39.16	36.23	38.93	35.60	32.69	25.93	28.39	24.63	25.29	27.01	18.42
NC_386	0.76	0.88	0.82	**0.91**	0.86	0.73	0.83	0.86	0.78	0.50	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_387	0.63	0.71	0.76	0.84	0.79	0.68	0.82	**0.89**	0.78	0.57	0.49	0.38	0.33	0.33	0.23	0.22	0.17	0.17	0.17	0.12
NC_388	0.58	0.71	0.85	0.87	0.82	0.83	0.95	**1.08**	1.06	0.80	0.70	0.59	0.51	0.52	0.36	0.35	0.27	0.27	0.28	0.19
NC_389	1.96	2.66	3.09	3.21	3.17	3.36	3.72	3.95	**4.03**	3.09	2.82	2.44	2.07	2.18	1.52	1.47	1.12	1.15	1.17	0.81
NC_390	0.43	0.51	0.61	0.64	0.60	0.56	0.68	**0.76**	0.73	0.54	0.47	0.39	0.33	0.33	0.23	0.22	0.17	0.17	0.18	0.12
NC_391	2.16	2.40	2.54	**2.73**	2.58	2.25	2.59	2.72	2.48	1.78	1.52	1.17	1.01	1.01	0.69	0.66	0.51	0.52	0.53	0.37
NC_392	0.40	0.47	0.57	0.59	0.55	0.52	0.62	**0.69**	0.66	0.49	0.42	0.35	0.30	0.30	0.21	0.20	0.15	0.16	0.16	0.11
NC_393	2.24	2.48	2.44	**2.67**	2.53	2.14	2.41	2.49	2.25	1.55	1.33	0.98	0.85	0.85	0.58	0.56	0.43	0.44	0.44	0.32
NC_394	57.67	83.37	104.84	122.93	138.49	177.28	205.51	230.39	**245.87**	237.57	227.18	229.38	220.36	189.66	163.18	196.50	171.38	182.86	192.66	136.57
NC_395	0.67	0.78	0.74	**0.84**	0.79	0.65	0.78	0.82	0.73	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_396	1.60	2.28	2.70	2.81	2.71	2.84	3.22	3.39	**3.49**	2.63	2.36	2.02	1.72	1.78	1.24	1.20	0.92	0.94	0.96	0.66
NC_397	2.37	2.80	3.06	3.21	3.32	3.48	**4.17**	3.90	3.85	3.11	3.10	2.79	2.50	2.58	2.03	1.98	1.61	1.64	1.66	1.19
NC_398	0.37	0.42	0.51	0.54	0.51	0.47	0.56	**0.62**	0.58	0.43	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_399	57.37	82.89	104.27	122.30	137.81	176.43	204.68	229.94	**245.91**	238.97	228.92	231.05	221.74	190.00	164.49	198.13	172.77	185.17	195.42	138.65
NC_400	0.74	0.86	0.80	**0.90**	0.85	0.71	0.82	0.85	0.77	0.50	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_401	5.64	7.40	8.90	9.87	10.92	13.84	15.61	16.29	**16.58**	15.03	14.56	14.02	12.52	12.32	9.96	10.23	8.20	8.38	8.57	6.10
NC_402	1.75	1.91	2.00	**2.14**	2.03	1.76	1.97	2.05	1.88	1.34	1.15	0.87	0.75	0.76	0.51	0.49	0.38	0.39	0.39	0.28
NC_403	57.49	83.08	104.49	122.55	138.07	176.76	204.99	230.05	**245.70**	237.89	227.60	229.82	220.65	189.80	163.65	196.89	171.62	183.48	193.36	137.22
NC_404	57.37	82.90	104.28	122.31	137.82	176.45	204.70	229.95	**245.90**	238.91	228.85	230.98	221.69	189.96	164.41	198.01	172.70	185.04	195.28	138.56
NC_405	0.40	0.44	0.53	0.57	0.54	0.48	0.59	**0.64**	0.59	0.44	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_406	3.38	3.74	3.79	**4.08**	3.87	3.33	3.73	3.86	3.55	2.47	2.11	1.58	1.37	1.37	0.92	0.89	0.68	0.70	0.71	0.51
NC_407	0.69	0.80	0.77	**0.87**	0.82	0.67	0.81	0.85	0.76	0.52	0.44	0.33	0.29	0.29	0.19	0.19	0.14	0.15	0.15	0.11
NC_408	1.76	2.32	2.69	2.77	2.78	2.96	3.26	3.47	**3.54**	2.73	2.48	2.16	1.83	1.91	1.34	1.29	0.99	1.01	1.03	0.72
NC_409	0.84	0.96	0.89	**1.02**	0.96	0.80	0.93	0.97	0.87	0.58	0.50	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_410	1.30	1.43	1.56	1.67	1.58	1.39	1.61	**1.72**	1.57	1.14	0.97	0.75	0.65	0.66	0.45	0.43	0.33	0.34	0.34	0.24
NC_411	2.45	2.64	2.88	**2.98**	2.84	2.56	2.76	2.86	2.72	1.94	1.66	1.26	1.09	1.10	0.75	0.72	0.55	0.57	0.57	0.41
NC_412	1.41	1.56	1.66	1.79	1.70	1.47	1.71	**1.82**	1.63	1.18	1.01	0.78	0.67	0.68	0.46	0.44	0.34	0.35	0.35	0.25
NC_413	0.80	0.92	0.85	**0.97**	0.92	0.76	0.89	0.93	0.83	0.55	0.47	0.35	0.30	0.30	0.21	0.20	0.15	0.16	0.16	0.11
NC_414	0.68	0.79	0.74	**0.85**	0.80	0.65	0.78	0.82	0.74	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_415	0.97	1.12	1.04	**1.18**	1.12	0.93	1.08	1.13	1.01	0.67	0.58	0.43	0.37	0.37	0.25	0.24	0.19	0.19	0.19	0.14
NC_416	0.95	1.09	1.02	**1.16**	1.10	0.90	1.07	1.11	1.00	0.67	0.58	0.43	0.37	0.37	0.25	0.24	0.19	0.19	0.19	0.14
NC_417	1.45	1.68	1.93	1.97	2.01	2.12	2.30	**2.45**	2.45	1.93	1.72	1.49	1.27	1.32	0.93	0.89	0.69	0.70	0.71	0.50
NC_418	0.86	1.00	0.93	**1.04**	0.98	0.83	0.94	0.97	0.88	0.57	0.49	0.36	0.31	0.31	0.21	0.20	0.16	0.16	0.16	0.12
NC_419	2.91	3.46	3.82	**3.87**	3.69	3.49	3.80	3.84	3.86	2.82	2.37	1.88	1.62	1.63	1.11	1.07	0.82	0.84	0.85	0.61
NC_420	0.73	0.85	0.78	**0.90**	0.85	0.70	0.82	0.86	0.77	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_421	0.71	1.05	1.33	1.49	1.52	1.63	1.80	1.76	**1.84**	1.42	1.41	1.20	1.01	1.06	0.76	0.74	0.56	0.58	0.59	0.41
NC_422	57.68	83.39	104.85	122.94	138.49	177.27	205.43	230.00	**244.87**	235.31	224.56	227.20	218.28	189.25	161.71	193.69	169.44	179.47	189.22	134.19
NC_423	0.74	0.86	0.81	**0.92**	0.87	0.71	0.85	0.89	0.79	0.53	0.46	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_424	2.76	3.93	4.77	5.02	4.89	5.00	5.67	5.74	**5.94**	4.48	4.00	3.34	2.86	2.96	2.03	1.95	1.48	1.52	1.54	1.07
NC_425	0.66	0.87	1.02	1.05	0.99	0.96	1.14	**1.25**	**1.25**	0.93	0.80	0.66	0.56	0.58	0.39	0.38	0.29	0.30	0.30	0.21
NC_426	0.72	0.83	0.77	**0.88**	0.83	0.68	0.81	0.85	0.76	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_427	3.53	3.85	4.13	**4.27**	4.07	3.65	3.94	4.04	3.87	2.73	2.33	1.76	1.52	1.52	1.03	0.99	0.76	0.78	0.79	0.56
NC_428	0.99	1.07	1.19	1.26	1.19	1.07	1.21	**1.27**	1.16	0.85	0.72	0.56	0.48	0.48	0.33	0.32	0.24	0.25	0.25	0.18
NC_429	0.70	0.81	0.76	**0.86**	0.81	0.67	0.79	0.83	0.75	0.50	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_430	1.12	1.29	1.20	**1.32**	1.25	1.07	1.18	1.22	1.10	0.71	0.62	0.45	0.39	0.39	0.27	0.26	0.20	0.20	0.20	0.15
NC_431	0.47	0.53	0.60	0.65	0.61	0.54	0.65	**0.71**	0.64	0.47	0.40	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_432	3.01	3.30	3.66	**3.71**	3.54	3.26	3.47	3.55	3.48	2.49	2.12	1.62	1.41	1.41	0.96	0.92	0.71	0.73	0.74	0.53
NC_433	1.96	2.33	2.63	2.66	2.53	2.41	2.69	2.80	**2.80**	2.07	1.74	1.40	1.20	1.21	0.83	0.80	0.61	0.63	0.63	0.45
NC_434	0.36	0.41	0.50	0.52	0.49	0.46	0.55	**0.61**	0.58	0.43	0.37	0.30	0.25	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_435	0.81	0.94	0.87	**0.97**	0.92	0.78	0.88	0.91	0.82	0.53	0.46	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_436	2.45	3.20	3.72	3.81	3.70	3.68	4.05	4.00	**4.06**	3.13	2.68	2.23	1.92	1.95	1.34	1.29	0.99	1.02	1.03	0.73

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_437	57.79	83.55	105.05	123.16	138.74	177.58	205.75	230.24	**245.05**	235.33	224.57	227.11	218.28	189.21	161.94	193.59	169.39	179.42	189.02	134.06
NC_438	1.48	1.66	1.60	**1.77**	1.68	1.40	1.60	1.65	1.48	1.02	0.87	0.64	0.56	0.56	0.38	0.37	0.28	0.29	0.29	0.21
NC_439	0.36	0.41	0.50	0.52	0.49	0.46	0.55	**0.61**	0.58	0.43	0.37	0.30	0.25	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_440	2.82	3.41	3.85	3.91	3.78	3.97	4.35	4.59	**4.66**	3.60	3.21	2.80	2.39	2.47	1.74	1.68	1.29	1.32	1.34	0.95
NC_441	1.08	1.18	1.37	1.44	1.36	1.23	1.42	**1.54**	1.45	1.05	0.90	0.71	0.61	0.62	0.42	0.40	0.31	0.32	0.32	0.22
NC_442	0.68	0.77	0.78	0.88	0.83	0.70	0.84	**0.90**	0.79	0.56	0.48	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_443	10.14	13.12	15.15	15.63	15.44	17.04	18.36	18.70	**19.15**	17.76	18.17	16.68	15.06	15.49	12.25	12.46	10.00	10.24	10.46	7.44
NC_444	1.09	1.17	1.32	1.38	1.31	1.18	1.34	**1.41**	1.31	0.96	0.81	0.64	0.55	0.55	0.38	0.36	0.28	0.29	0.29	0.21
NC_445	0.42	0.48	0.59	0.62	0.58	0.54	0.65	**0.72**	0.68	0.51	0.44	0.36	0.31	0.31	0.21	0.21	0.16	0.16	0.16	0.11
NC_446	2.14	2.32	2.38	**2.53**	2.41	2.09	2.28	2.34	2.16	1.51	1.29	0.96	0.83	0.83	0.56	0.54	0.42	0.43	0.43	0.31
NC_447	1.52	1.66	1.78	**1.90**	1.80	1.58	1.79	1.89	1.73	1.24	1.07	0.81	0.70	0.71	0.48	0.46	0.35	0.36	0.37	0.26
NC_448	1.76	2.57	3.13	3.28	3.24	3.40	3.82	3.96	**4.09**	3.12	2.84	2.43	2.07	2.13	1.50	1.45	1.11	1.13	1.15	0.80
NC_449	2.58	3.38	3.81	3.90	3.73	3.70	4.16	4.20	**4.27**	3.27	2.78	2.31	1.99	2.01	1.39	1.34	1.03	1.05	1.07	0.76
NC_450	2.38	3.37	4.04	4.21	4.07	4.14	4.72	4.81	**4.97**	3.74	3.31	2.76	2.37	2.43	1.67	1.61	1.22	1.25	1.27	0.88
NC_451	2.22	3.11	3.68	3.82	3.66	3.69	4.24	4.35	**4.49**	3.37	2.96	2.47	2.12	2.16	1.48	1.43	1.09	1.11	1.13	0.79
NC_452	1.79	2.65	3.34	3.92	4.41	5.55	6.34	7.07	**7.35**	7.13	6.71	7.02	7.09	6.22	5.04	5.93	5.27	5.54	5.83	4.42
NC_453	1.18	1.30	1.40	1.50	1.42	1.25	1.47	**1.59**	1.45	1.08	0.93	0.74	0.64	0.64	0.44	0.43	0.33	0.34	0.34	0.24
NC_454	0.73	0.98	1.15	1.21	1.24	1.31	1.44	1.47	**1.52**	1.19	1.08	0.93	0.79	0.82	0.58	0.56	0.43	0.44	0.44	0.31
NC_455	1.16	1.67	1.97	2.05	2.02	2.13	2.38	2.51	**2.58**	1.97	1.77	1.52	1.29	1.33	0.93	0.90	0.68	0.70	0.71	0.49
NC_456	1.75	1.96	1.88	**2.06**	1.96	1.65	1.84	1.90	1.70	1.17	1.00	0.74	0.64	0.64	0.43	0.42	0.32	0.33	0.33	0.24
NC_457	57.85	83.66	105.18	123.30	138.90	177.79	205.96	230.39	**245.19**	235.34	224.57	227.16	218.27	189.31	161.94	193.42	169.28	179.29	188.89	133.96
NC_458	21.64	29.45	35.72	40.44	44.29	52.24	57.31	67.14	**69.90**	67.02	63.62	66.24	62.35	57.27	46.84	52.04	49.16	50.24	55.58	38.82
NC_459	0.78	0.91	0.85	**0.94**	0.89	0.76	0.84	0.87	0.79	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_460	0.79	0.91	0.85	**0.95**	0.90	0.76	0.86	0.89	0.80	0.52	0.45	0.33	0.29	0.28	0.19	0.19	0.14	0.15	0.15	0.11
NC_461	2.14	2.44	2.74	2.72	2.60	2.49	2.67	**2.76**	2.72	2.02	1.68	1.34	1.16	1.17	0.80	0.77	0.59	0.60	0.61	0.44
NC_462	2.06	2.29	2.36	**2.54**	2.41	2.09	2.36	2.45	2.24	1.58	1.36	1.02	0.88	0.88	0.60	0.57	0.44	0.45	0.46	0.32
NC_463	2.43	2.63	2.75	**2.91**	2.77	2.42	2.65	2.73	2.53	1.79	1.53	1.15	1.00	1.00	0.68	0.65	0.50	0.51	0.52	0.37
NC_464	0.46	0.52	0.58	0.63	0.60	0.52	0.63	**0.69**	0.61	0.45	0.39	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.10
NC_465	1.76	1.95	1.97	**2.14**	2.03	1.73	1.96	2.04	1.82	1.29	1.11	0.83	0.72	0.72	0.49	0.47	0.36	0.37	0.37	0.27
NC_466	12.43	17.44	24.28	29.80	33.71	41.49	45.80	45.32	**45.96**	36.45	38.57	33.95	30.31	31.05	22.95	22.31	17.66	17.93	18.22	12.79
NC_467	0.36	0.41	0.50	0.52	0.49	0.46	0.55	**0.61**	0.58	0.43	0.37	0.30	0.25	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_468	0.99	1.14	1.09	**1.23**	1.16	0.96	1.14	1.20	1.06	0.73	0.63	0.47	0.41	0.41	0.28	0.27	0.21	0.21	0.21	0.15
NC_469	1.56	1.80	2.06	2.08	1.98	1.88	2.09	**2.18**	2.17	1.60	1.35	1.08	0.93	0.94	0.64	0.62	0.48	0.49	0.49	0.35
NC_470	2.40	3.23	3.84	4.08	4.08	4.28	4.72	4.68	**4.83**	3.75	3.57	3.05	2.60	2.71	1.94	1.89	1.45	1.49	1.51	1.06
NC_471	0.79	0.91	0.85	**0.94**	0.89	0.76	0.85	0.88	0.80	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.11
NC_472	0.63	0.76	0.89	0.90	0.85	0.86	0.98	**1.10**	1.09	0.82	0.70	0.59	0.51	0.51	0.35	0.34	0.26	0.27	0.27	0.19
NC_473	0.82	0.95	0.88	**1.00**	0.95	0.79	0.92	0.95	0.86	0.57	0.49	0.36	0.31	0.31	0.21	0.20	0.16	0.16	0.16	0.12
NC_474	0.36	0.41	0.50	0.52	0.49	0.46	0.55	**0.61**	0.58	0.43	0.36	0.30	0.25	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_475	0.80	0.93	0.87	**0.95**	0.90	0.77	0.85	0.88	0.80	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_476	0.53	0.60	0.64	0.71	0.66	0.57	0.69	**0.74**	0.65	0.47	0.40	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_477	0.69	0.79	0.76	**0.86**	0.81	0.66	0.80	0.84	0.75	0.51	0.44	0.33	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_478	1.52	1.70	1.63	**1.80**	1.71	1.43	1.61	1.66	1.49	1.02	0.87	0.64	0.56	0.56	0.38	0.36	0.28	0.29	0.29	0.21
NC_479	2.43	2.63	2.67	**2.84**	2.70	2.34	2.53	2.58	2.39	1.67	1.43	1.06	0.92	0.92	0.62	0.60	0.46	0.47	0.48	0.34
NC_480	1.33	1.53	1.43	**1.57**	1.48	1.27	1.40	1.44	1.30	0.85	0.74	0.54	0.47	0.47	0.32	0.31	0.24	0.24	0.24	0.18
NC_481	0.54	0.76	0.88	0.92	0.93	0.99	1.09	1.15	**1.19**	0.92	0.82	0.71	0.61	0.62	0.44	0.42	0.32	0.33	0.34	0.23
NC_482	1.64	1.84	1.77	**1.96**	1.86	1.55	1.76	1.81	1.62	1.12	0.96	0.71	0.61	0.61	0.42	0.40	0.31	0.32	0.32	0.23
NC_483	12.92	17.38	24.05	29.50	33.49	41.79	46.59	46.42	**47.19**	37.95	39.58	35.43	31.86	32.12	24.05	23.64	18.63	19.02	19.31	13.57
NC_484	2.36	3.06	3.67	4.42	4.96	6.11	6.65	6.62	**6.73**	5.86	6.07	5.48	4.95	4.62	3.38	3.64	3.24	3.32	3.39	2.41
NC_485	4.05	5.41	6.40	6.86	6.89	7.21	7.90	7.88	**8.07**	6.29	6.59	5.69	4.91	5.01	3.78	3.80	3.01	3.08	3.12	2.20
NC_486	0.94	1.08	1.02	**1.16**	1.09	0.89	1.07	1.11	1.00	0.67	0.58	0.43	0.37	0.37	0.25	0.24	0.19	0.19	0.19	0.14
NC_487	0.96	1.11	1.05	**1.12**	1.06	0.92	0.99	1.02	0.92	0.59	0.51	0.37	0.32	0.32	0.22	0.21	0.16	0.17	0.17	0.12
NC_488	1.82	2.68	3.39	3.98	4.47	5.63	6.46	7.40	**7.79**	7.69	7.30	7.52	7.59	6.53	5.34	6.49	5.73	6.07	6.50	4.88
NC_489	1.04	1.19	1.13	**1.28**	1.21	1.00	1.18	1.24	1.10	0.76	0.65	0.49	0.42	0.42	0.29	0.28	0.21	0.22	0.22	0.16
NC_490	0.96	1.11	1.05	**1.13**	1.07	0.92	1.00	1.03	0.94	0.60	0.52	0.38	0.33	0.33	0.22	0.21	0.17	0.17	0.17	0.12
NC_491	0.99	1.14	1.08	**1.15**	1.09	0.95	1.03	1.06	0.96	0.61	0.53	0.39	0.34	0.33	0.23	0.22	0.17	0.17	0.18	0.13
NC_492	13.46	18.61	22.92	26.59	29.20	34.83	37.98	37.70	**38.34**	32.37	33.83	30.54	27.32	26.17	20.36	20.83	17.24	17.66	17.96	12.70
NC_493	1.43	1.60	1.59	**1.74**	1.65	1.39	1.59	1.65	1.48	1.03	0.88	0.66	0.57	0.57	0.39	0.37	0.29	0.29	0.30	0.21
NC_494	1.50	1.67	1.62	**1.78**	1.69	1.42	1.60	1.65	1.48	1.02	0.87	0.64	0.56	0.56	0.38	0.36	0.28	0.29	0.29	0.21
NC_495	0.64	0.74	0.73	**0.82**	0.77	0.64	0.77	0.82	0.73	0.50	0.43	0.33	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_496	0.76	0.88	0.82	**0.92**	0.87	0.73	0.83	0.86	0.78	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_497	0.49	0.73	0.86	0.91	0.92	0.97	1.07	1.11	**1.15**	0.89	0.80	0.69	0.59	0.60	0.42	0.41	0.31	0.32	0.32	0.22
NC_498	0.96	1.10	1.03	**1.17**	1.10	0.91	1.07	1.12	1.00	0.67	0.58	0.43	0.37	0.37	0.25	0.24	0.19	0.19	0.19	0.14
NC_499	21.62	29.43	35.72	40.50	44.41	52.46	57.30	67.30	**70.15**	67.32	63.95	66.51	62.63	57.74	47.27	52.32	49.47	50.56	55.90	39.05
NC_500	1.48	2.00	2.27	2.34	2.22	2.16	2.52	2.62	**2.68**	1.98	1.70	1.40	1.21	1.22	0.83	0.80	0.61	0.63	0.63	0.44
NC_501	2.44	2.64	2.72	**2.89**	2.75	2.39	2.59	2.65	2.45	1.72	1.47	1.09	0.95	0.95	0.64	0.62	0.48	0.49	0.49	0.35
NC_502	57.92	83.77	105.31	123.45	139.05	177.99	206.17	230.55	**245.30**	235.34	224.57	227.07	218.18	189.53	161.78	193.18	169.10	179.15	188.76	133.87
NC_503	1.75	1.96	1.85	**2.01**	1.91	1.63	1.76	1.80	1.62	1.10	0.95	0.69	0.60	0.60	0.41	0.39	0.30	0.31	0.32	0.23
NC_504	1.23	1.50	1.73	1.79	1.70	1.60	1.86	**1.97**	1.95	1.42	1.21	0.97	0.84	0.85	0.57	0.55	0.42	0.43	0.44	0.30
NC_505	1.06	1.17	1.29	1.37	1.30	1.15	1.35	**1.45**	1.34	0.99	0.85	0.68	0.58	0.59	0.40	0.39	0.30	0.31	0.31	0.22
NC_506	2.41	3.08	3.77	4.55	5.08	6.12	6.57	6.47	**6.57**	5.69	5.99	5.29	4.77	4.67	3.30	3.53	3.11	3.18	3.25	2.31
NC_507	3.63	3.94	3.97	**4.21**	4.01	3.48	3.73	3.80	3.53	2.45	2.10	1.55	1.35	1.35	0.91	0.88	0.68	0.70	0.71	0.51
NC_508	0.79	0.92	1.08	1.09	1.04	0.98	1.13	**1.23**	1.21	0.90	0.76	0.62	0.53	0.54	0.37	0.36	0.27	0.28	0.28	0.20
NC_509	0.64	0.86	0.99	1.02	0.96	0.95	1.12	1.22	**1.23**	0.91	0.78	0.65	0.56	0.57	0.39	0.37	0.28	0.29	0.30	0.20

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_510	2.39	2.59	2.66	**2.83**	2.69	2.33	2.54	2.60	2.39	1.67	1.44	1.06	0.92	0.92	0.63	0.60	0.47	0.48	0.48	0.35
NC_511	1.47	1.65	1.59	**1.76**	1.67	1.40	1.58	1.63	1.46	1.00	0.86	0.64	0.55	0.55	0.37	0.36	0.28	0.28	0.29	0.21
NC_512	0.97	1.12	1.04	**1.19**	1.12	0.93	1.08	1.13	1.01	0.68	0.58	0.43	0.37	0.37	0.25	0.24	0.19	0.19	0.19	0.14
NC_513	2.11	2.31	2.30	**2.46**	2.34	2.01	2.18	2.23	2.05	1.41	1.21	0.89	0.78	0.77	0.53	0.51	0.39	0.40	0.41	0.29
NC_514	1.16	1.34	1.26	**1.36**	1.29	1.11	1.21	1.24	1.12	0.73	0.63	0.46	0.40	0.40	0.27	0.26	0.20	0.21	0.21	0.15
NC_515	0.88	1.26	1.47	1.53	1.45	1.49	1.72	1.82	**1.86**	1.40	1.22	1.02	0.87	0.90	0.61	0.59	0.45	0.46	0.47	0.32
NC_516	2.31	2.50	2.54	**2.68**	2.56	2.22	2.38	2.43	2.26	1.58	1.35	1.00	0.87	0.87	0.59	0.57	0.44	0.45	0.45	0.33
NC_517	0.44	0.52	0.63	0.65	0.61	0.58	0.70	**0.78**	0.75	0.56	0.48	0.40	0.34	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_518	3.00	3.24	3.43	**3.53**	3.37	3.02	3.17	3.20	3.08	2.16	1.84	1.38	1.19	1.19	0.81	0.78	0.60	0.62	0.62	0.45
NC_519	57.99	83.87	105.43	123.59	139.21	178.19	206.36	230.68	**245.36**	235.16	224.35	226.94	218.08	189.50	161.59	192.68	168.72	178.74	188.34	133.58
NC_520	21.58	29.39	35.68	40.48	44.39	52.49	57.29	67.37	**70.24**	67.46	64.08	66.59	62.74	57.87	47.45	52.45	49.61	50.70	56.05	39.15
NC_521	0.36	0.42	0.51	0.53	0.50	0.46	0.56	**0.62**	0.59	0.43	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_522	2.07	2.29	2.27	**2.47**	2.35	1.99	2.24	2.31	2.05	1.45	1.24	0.92	0.80	0.80	0.54	0.52	0.40	0.41	0.42	0.30
NC_523	1.69	1.89	1.80	**1.98**	1.88	1.58	1.76	1.81	1.62	1.11	0.95	0.70	0.61	0.61	0.41	0.40	0.31	0.31	0.32	0.23
NC_524	13.33	18.47	22.78	26.43	29.06	34.73	38.01	37.81	**38.48**	32.53	33.87	30.73	27.47	26.28	20.55	21.04	17.38	17.81	18.11	12.81
NC_525	0.75	1.07	1.24	1.29	1.28	1.33	1.47	1.50	**1.55**	1.21	1.05	0.90	0.77	0.78	0.55	0.53	0.40	0.41	0.42	0.29
NC_526	15.74	19.90	22.45	22.94	22.09	22.52	25.04	25.48	**26.02**	20.84	22.34	19.83	17.91	19.04	14.89	15.10	12.03	12.31	12.56	8.95
NC_527	0.76	1.10	1.39	1.55	1.57	1.66	1.84	1.80	**1.87**	1.45	1.37	1.17	0.99	1.03	0.73	0.71	0.54	0.55	0.56	0.39
NC_528	1.14	1.67	2.11	2.44	2.67	3.03	**3.28**	3.22	3.26	2.58	2.72	2.26	1.96	1.99	1.50	1.46	1.13	1.16	1.18	0.82
NC_529	1.13	1.66	2.10	2.45	2.70	3.19	**3.47**	3.39	3.43	2.76	2.93	2.47	2.16	2.15	1.66	1.62	1.27	1.30	1.32	0.92
NC_530	0.88	1.02	0.94	**1.07**	1.01	0.85	0.98	1.02	0.91	0.60	0.52	0.38	0.33	0.33	0.23	0.22	0.17	0.17	0.17	0.12
NC_531	0.78	0.90	0.84	**0.96**	0.90	0.74	0.88	0.92	0.83	0.55	0.47	0.35	0.30	0.30	0.21	0.20	0.15	0.16	0.16	0.11
NC_532	58.09	84.03	105.62	123.80	139.45	178.50	206.68	230.91	**245.50**	235.08	224.23	226.77	217.92	189.59	161.91	192.73	168.49	178.55	188.01	133.35
NC_533	0.80	0.93	0.87	**0.95**	0.90	0.77	0.85	0.88	0.80	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_534	1.14	1.65	2.06	2.30	2.35	2.52	2.76	2.72	**2.83**	2.20	2.14	1.81	1.54	1.60	1.15	1.11	0.85	0.87	0.89	0.62
NC_535	58.16	84.14	105.75	123.95	139.61	178.72	206.89	231.02	**245.46**	234.74	223.82	226.49	217.66	189.80	161.84	192.39	168.24	177.93	187.39	132.92
NC_536	1.13	1.66	2.08	2.39	2.56	2.77	3.02	2.97	**3.05**	2.38	2.43	2.02	1.74	1.79	1.32	1.28	0.98	1.01	1.02	0.71
NC_537	0.82	0.95	0.89	**0.96**	0.91	0.79	0.85	0.88	0.80	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_538	3.25	3.49	3.76	**3.86**	3.69	3.32	3.50	3.55	3.40	2.41	2.05	1.54	1.33	1.33	0.90	0.87	0.67	0.69	0.70	0.50
NC_539	13.19	18.31	22.60	26.24	28.87	34.58	37.99	37.90	**38.56**	32.68	33.88	30.90	27.57	26.19	20.57	21.16	17.51	17.95	18.25	12.91
NC_540	0.79	0.91	0.85	**0.94**	0.89	0.76	0.84	0.87	0.79	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_541	2.48	3.10	4.11	5.00	5.40	6.00	6.41	6.37	**6.57**	5.45	5.86	5.13	4.69	5.01	3.22	3.37	2.94	3.00	3.06	2.18
NC_542	0.78	0.91	0.85	**0.94**	0.89	0.75	0.85	0.88	0.79	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_543	3.71	4.06	4.44	**4.45**	4.26	3.94	4.06	4.07	4.03	2.86	2.42	1.83	1.59	1.59	1.08	1.04	0.80	0.82	0.83	0.60
NC_544	0.63	0.70	0.78	0.85	0.80	0.70	0.84	**0.92**	0.82	0.61	0.52	0.41	0.35	0.36	0.24	0.24	0.18	0.18	0.19	0.13
NC_545	0.90	0.99	1.19	1.23	1.16	1.08	1.27	**1.39**	1.34	1.00	0.85	0.70	0.60	0.61	0.42	0.41	0.31	0.32	0.32	0.23
NC_546	0.49	0.56	0.68	0.72	0.67	0.62	0.76	**0.84**	0.80	0.60	0.52	0.43	0.37	0.37	0.26	0.25	0.19	0.19	0.20	0.14
NC_547	0.40	0.43	0.53	0.57	0.53	0.48	0.58	**0.64**	0.59	0.44	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_548	0.92	1.00	1.00	**1.06**	1.01	0.87	0.94	0.96	0.88	0.61	0.52	0.38	0.33	0.33	0.23	0.22	0.17	0.17	0.17	0.13
NC_549	0.67	0.77	0.73	**0.83**	0.79	0.64	0.77	0.81	0.73	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_550	0.92	1.01	1.19	1.25	1.18	1.07	1.26	**1.36**	1.27	0.93	0.79	0.63	0.54	0.54	0.37	0.36	0.27	0.28	0.28	0.20
NC_551	1.22	1.52	1.75	1.80	1.70	1.62	1.89	2.02	**2.03**	1.49	1.28	1.05	0.90	0.92	0.62	0.60	0.46	0.47	0.48	0.33
NC_552	1.43	1.59	1.62	**1.77**	1.67	1.43	1.64	1.72	1.54	1.09	0.94	0.70	0.61	0.61	0.41	0.40	0.31	0.31	0.32	0.23
NC_553	1.19	1.28	1.44	1.51	1.43	1.29	1.45	**1.53**	1.42	1.05	0.88	0.69	0.60	0.60	0.41	0.39	0.30	0.31	0.31	0.22
NC_554	0.38	0.45	0.54	0.57	0.53	0.50	0.60	**0.66**	0.63	0.47	0.40	0.33	0.28	0.29	0.20	0.19	0.14	0.15	0.15	0.10
NC_555	6.68	7.30	7.71	**7.97**	7.61	6.81	7.25	7.34	7.00	4.94	4.21	3.16	2.74	2.74	1.86	1.79	1.38	1.41	1.43	1.03
NC_556	0.49	0.55	0.60	0.66	0.62	0.54	0.66	**0.71**	0.63	0.46	0.40	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_557	0.83	0.96	0.90	**1.02**	0.97	0.79	0.94	0.99	0.88	0.59	0.51	0.38	0.33	0.33	0.22	0.21	0.16	0.17	0.17	0.12
NC_558	13.17	18.30	22.60	26.26	28.95	34.89	38.72	38.89	**39.61**	33.73	34.54	31.98	28.52	26.54	21.03	21.83	18.24	18.71	19.01	13.45
NC_559	7.07	7.85	8.39	**8.55**	8.17	7.45	7.83	7.85	7.70	5.43	4.60	3.50	3.04	3.03	2.06	1.98	1.53	1.56	1.59	1.14
NC_560	1.85	2.73	3.45	4.05	4.56	5.76	6.63	7.73	**8.16**	8.16	7.79	7.92	8.01	6.87	5.61	6.94	6.14	6.52	7.02	5.25
NC_561	8.10	9.14	9.83	**9.92**	9.49	8.77	9.16	9.12	9.07	6.44	5.46	4.18	3.63	3.62	2.46	2.37	1.83	1.87	1.89	1.36
NC_562	1.42	1.62	1.51	**1.68**	1.59	1.35	1.50	1.55	1.39	0.92	0.80	0.58	0.51	0.51	0.34	0.33	0.26	0.26	0.26	0.19
NC_563	1.03	1.18	1.11	**1.26**	1.19	0.98	1.15	1.20	1.07	0.72	0.62	0.46	0.40	0.40	0.27	0.26	0.20	0.21	0.21	0.15
NC_564	1.18	1.27	1.40	**1.47**	1.40	1.25	1.40	1.46	1.34	0.98	0.83	0.64	0.55	0.56	0.38	0.36	0.28	0.29	0.29	0.21
NC_565	0.80	0.93	0.87	**0.95**	0.90	0.77	0.85	0.88	0.80	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_566	0.89	1.03	0.96	**1.06**	1.01	0.85	0.96	0.99	0.90	0.58	0.50	0.37	0.32	0.32	0.21	0.21	0.16	0.16	0.17	0.12
NC_567	0.76	0.89	0.82	**0.92**	0.87	0.73	0.83	0.86	0.78	0.50	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_568	0.55	0.63	0.65	0.72	0.68	0.57	0.70	**0.74**	0.65	0.47	0.40	0.31	0.26	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_569	0.67	0.73	0.78	**0.82**	0.78	0.69	0.76	0.78	0.73	0.51	0.44	0.33	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_570	0.60	0.68	0.69	0.77	0.73	0.61	0.74	**0.79**	0.70	0.49	0.42	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_571	21.75	29.65	36.10	41.38	46.00	55.14	59.86	68.70	**72.07**	69.91	66.69	68.56	65.00	60.51	50.24	55.05	52.08	53.22	58.60	40.98
NC_572	0.89	0.96	1.11	1.17	1.11	1.00	1.17	**1.27**	1.19	0.89	0.76	0.61	0.52	0.53	0.36	0.35	0.27	0.27	0.28	0.20
NC_573	8.59	10.23	10.97	**11.00**	10.54	9.95	10.38	10.15	10.29	7.51	6.29	4.93	4.28	4.28	2.91	2.80	2.16	2.21	2.24	1.61
NC_574	37.10	51.30	62.91	72.47	80.34	98.92	112.47	117.66	**122.34**	113.84	106.13	112.16	105.58	95.44	78.20	86.44	78.97	80.81	86.69	60.80
NC_575	8.03	10.99	13.11	13.76	13.45	13.81	15.59	15.84	**16.33**	12.35	11.08	9.25	7.95	8.20	5.67	5.46	4.17	4.27	4.33	3.02
NC_576	0.71	0.82	0.78	**0.88**	0.83	0.68	0.82	0.86	0.77	0.51	0.44	0.33	0.28	0.28	0.19	0.19	0.14	0.15	0.15	0.11
NC_577	12.30	17.04	23.15	28.20	32.06	40.33	45.82	46.36	**47.09**	39.01	39.60	36.79	33.48	32.19	24.46	25.03	19.97	20.60	20.67	14.54
NC_578	0.54	0.62	0.64	0.71	0.67	0.57	0.69	**0.74**	0.65	0.47	0.40	0.31	0.26	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_579	0.84	0.92	1.12	1.17	1.10	1.01	1.20	**1.31**	1.24	0.91	0.78	0.62	0.53	0.54	0.37	0.35	0.27	0.28	0.28	0.19
NC_580	0.87	1.01	0.96	**1.02**	0.97	0.84	0.91	0.94	0.85	0.54	0.47	0.34	0.30	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_581	12.32	15.37	17.29	17.54	16.93	16.44	**17.57**	17.05	17.22	12.98	11.06	8.98	7.81	7.85	5.38	5.21	4.06	4.09	4.15	2.97
NC_582	0.37	0.42	0.51	0.54	0.50	0.47	0.56	**0.62**	0.59	0.43	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_583	0.91	1.04	1.00	**1.13**	1.07	0.88	1.05	1.10	0.98	0.67	0.58	0.43	0.37	0.37	0.25	0.24	0.19	0.19	0.19	0.14
NC_584	0.71	0.82	0.77	**0.88**	0.83	0.68	0.82	0.85	0.77	0.51	0.44	0.33	0.28	0.28	0.19	0.18	0.14	0.15	0.15	0.10
NC_585	13.03	18.13	22.41	26.06	28.75	34.72	38.66	38.93	**39.65**	33.90	34.54	32.18	28.64	26.48	21.01	21.98	18.41	18.87	19.18	13.57
NC_586	9.26	11.23	**12.12**	12.10	11.61	11.07	11.53	11.23	11.48	8.45	7.07	5.58	4.85	4.85	3.29	3.17	2.45	2.50	2.54	1.82
NC_587	17.88	24.72	30.40	35.09	38.92	47.62	53.45	54.34	**55.33**	47.87	47.47	45.38	40.47	36.70	29.80	31.93	26.72	27.42	27.91	20.03
NC_588	2.40	2.66	2.57	**2.81**	2.67	2.26	2.51	2.57	2.32	1.59	1.37	1.01	0.87	0.87	0.59	0.57	0.44	0.45	0.46	0.33
NC_589	0.95	1.04	1.22	1.28	1.21	1.10	1.28	**1.39**	1.30	0.95	0.81	0.64	0.55	0.56	0.38	0.37	0.28	0.29	0.29	0.20
NC_590	2.72	2.91	3.38	3.46	3.30	3.08	3.42	**3.61**	3.44	2.59	2.16	1.75	1.51	1.53	1.05	1.01	0.78	0.80	0.81	0.58
NC_591	11.49	14.67	16.84	17.57	17.17	17.02	**18.23**	17.62	17.73	13.58	11.76	9.65	8.39	8.50	5.87	5.66	4.41	4.47	4.53	3.24
NC_592	0.90	1.03	0.98	**1.11**	1.05	0.86	1.02	1.07	0.96	0.65	0.56	0.41	0.36	0.36	0.24	0.23	0.18	0.18	0.19	0.13
NC_593	37.08	51.27	62.88	72.43	80.31	98.90	112.47	117.76	**122.43**	113.98	106.30	112.31	105.67	95.69	78.41	86.58	79.12	80.98	86.85	60.92
NC_594	0.42	0.47	0.55	0.59	0.56	0.49	0.60	**0.66**	0.60	0.44	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_595	7.68	10.47	12.43	12.96	12.63	12.95	14.64	14.94	**15.40**	11.65	10.37	8.68	7.44	7.65	5.30	5.10	3.89	3.98	4.04	2.83
NC_596	1.52	1.68	1.73	**1.88**	1.78	1.53	1.74	1.82	1.65	1.17	1.00	0.76	0.65	0.66	0.44	0.43	0.33	0.34	0.34	0.24
NC_597	0.83	0.97	0.92	**0.97**	0.92	0.80	0.86	0.89	0.81	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.11
NC_598	56.99	82.47	103.54	121.28	136.58	174.86	202.04	223.80	**235.46**	222.37	211.28	214.92	206.34	183.06	154.55	180.45	158.53	165.65	174.34	123.28
NC_599	1.64	1.84	1.76	**1.94**	1.84	1.55	1.73	1.77	1.60	1.09	0.94	0.69	0.60	0.60	0.40	0.39	0.30	0.31	0.31	0.22
NC_600	9.92	12.22	**13.32**	13.29	12.76	12.27	12.84	12.51	12.73	9.50	7.95	6.33	5.50	5.51	3.74	3.60	2.78	2.84	2.88	2.07
NC_601	37.06	51.24	62.84	72.40	80.28	98.87	112.46	117.85	**122.50**	114.09	106.45	112.42	105.80	95.86	78.61	86.72	79.27	81.12	87.00	61.02
NC_602	2.28	2.48	2.67	**2.84**	2.69	2.37	2.67	2.80	2.57	1.84	1.57	1.20	1.03	1.04	0.70	0.68	0.52	0.53	0.54	0.38
NC_603	37.47	51.88	63.75	73.68	82.16	103.10	118.82	126.69	**131.20**	122.97	115.77	120.81	115.07	104.71	88.46	97.50	88.02	90.46	96.46	67.77
NC_604	47.52	68.22	85.91	100.73	113.31	142.57	161.67	168.20	**171.90**	154.49	149.50	152.79	146.47	137.45	112.72	123.95	108.59	111.69	118.11	83.12
NC_605	58.61	84.87	106.60	124.89	140.65	180.06	208.09	231.01	**243.44**	230.52	219.08	222.77	214.15	189.58	160.15	187.14	164.82	172.30	181.50	128.62
NC_606	37.37	51.75	63.62	73.57	82.09	103.01	118.66	126.86	**131.39**	123.26	115.99	121.01	115.25	104.51	88.33	98.07	88.17	90.64	96.82	68.02
NC_607	37.54	51.97	63.85	73.77	82.22	103.17	118.94	126.64	**131.14**	122.88	115.73	120.74	115.04	104.62	88.04	97.65	88.10	90.33	96.33	67.68
NC_608	11.53	13.86	15.08	**15.15**	14.53	13.83	14.48	14.09	14.26	10.46	8.83	6.98	6.07	6.07	4.15	4.07	3.07	3.14	3.18	2.28
NC_609	8.98	11.39	12.96	13.22	12.83	12.58	**13.46**	13.03	13.16	10.05	8.55	7.05	6.13	6.19	4.21	4.06	3.19	3.35	3.25	2.33
NC_610	47.31	68.07	85.71	100.50	113.06	142.25	161.45	168.59	**172.48**	155.19	149.80	153.35	147.04	137.36	113.23	124.58	109.07	112.43	118.87	83.66
NC_611	1.31	1.51	1.40	**1.57**	1.48	1.25	1.41	1.46	1.31	0.87	0.75	0.55	0.48	0.48	0.32	0.31	0.24	0.25	0.25	0.18
NC_612	2.86	3.11	3.40	**3.51**	3.34	3.02	3.30	3.42	3.28	2.33	1.99	1.52	1.31	1.32	0.89	0.86	0.66	0.68	0.69	0.49
NC_613	1.63	1.80	1.83	**1.99**	1.88	1.61	1.83	1.90	1.71	1.21	1.04	0.78	0.67	0.67	0.46	0.44	0.34	0.35	0.35	0.25
NC_614	1.43	1.85	2.11	2.17	2.05	1.97	2.30	2.41	**2.45**	1.80	1.55	1.26	1.08	1.10	0.75	0.72	0.55	0.56	0.57	0.40
NC_615	0.59	0.67	0.70	0.78	0.73	0.62	0.74	**0.79**	0.70	0.49	0.42	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_616	37.34	51.64	63.37	73.05	81.12	100.65	115.41	120.99	**125.89**	117.28	109.92	115.48	109.36	98.82	83.02	90.97	82.54	84.47	90.39	63.44
NC_617	0.88	1.00	0.97	**1.09**	1.03	0.85	1.02	1.07	0.95	0.66	0.57	0.43	0.37	0.37	0.25	0.24	0.19	0.19	0.19	0.14
NC_618	0.76	0.88	0.81	**0.91**	0.86	0.73	0.83	0.86	0.78	0.50	0.43	0.32	0.28	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_619	47.27	68.08	85.72	100.51	113.06	142.22	161.32	168.10	**171.88**	154.59	149.41	152.80	146.52	137.23	112.88	123.98	108.50	111.85	118.28	83.24
NC_620	57.02	82.51	103.59	121.34	136.65	174.95	202.12	223.78	**235.17**	221.90	210.77	214.51	205.96	183.22	154.12	180.05	158.10	165.02	173.71	122.83
NC_621	58.55	84.77	106.48	124.76	140.50	179.86	207.90	230.94	**243.62**	230.93	219.54	223.16	214.57	189.67	160.19	187.68	165.23	172.92	182.13	129.06
NC_622	0.53	0.72	0.82	0.85	0.83	0.87	0.98	1.04	**1.07**	0.82	0.71	0.60	0.52	0.53	0.37	0.35	0.27	0.27	0.28	0.19
NC_623	37.26	51.56	63.29	73.02	81.18	100.97	116.14	123.09	**127.69**	119.64	112.46	117.48	111.40	100.74	84.27	94.17	85.00	86.99	92.95	65.25
NC_624	0.88	1.02	0.96	**1.04**	0.99	0.85	0.93	0.96	0.87	0.56	0.48	0.35	0.30	0.30	0.21	0.20	0.15	0.16	0.16	0.11
NC_625	2.35	3.02	3.38	3.45	3.31	3.26	3.63	3.64	**3.67**	2.83	2.40	2.00	1.72	1.75	1.21	1.17	0.90	0.92	0.93	0.67
NC_626	18.02	24.90	30.59	35.29	39.12	47.83	53.64	54.36	**55.32**	47.74	47.52	45.33	40.36	36.68	29.73	31.81	26.58	27.25	27.74	19.91
NC_627	0.43	0.47	0.56	0.60	0.57	0.51	0.62	**0.68**	0.62	0.46	0.39	0.31	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_628	0.45	0.50	0.57	0.62	0.58	0.51	0.62	**0.67**	0.60	0.45	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_629	37.33	51.64	63.37	73.06	81.15	100.75	115.74	121.65	**126.49**	118.01	110.80	116.13	110.03	99.57	84.05	91.97	83.31	85.25	91.19	64.01
NC_630	1.10	1.44	1.66	1.71	1.62	1.57	1.86	1.98	**2.00**	1.48	1.28	1.06	0.90	0.93	0.63	0.61	0.46	0.48	0.48	0.33
NC_631	0.84	**0.97**	0.92	**0.97**	0.92	0.81	0.86	0.89	0.81	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.15	0.15	0.11
NC_632	0.78	0.90	0.84	**0.94**	0.89	0.75	0.85	0.88	0.80	0.52	0.44	0.33	0.28	0.28	0.19	0.18	0.14	0.15	0.15	0.11
NC_633	0.81	0.94	0.88	**0.96**	0.91	0.78	0.87	0.90	0.81	0.52	0.45	0.33	0.28	0.28	0.19	0.19	0.14	0.15	0.15	0.11
NC_634	11.51	14.98	17.46	18.59	18.50	18.63	**20.02**	19.37	19.43	15.04	13.32	10.97	9.55	9.64	6.77	6.53	5.04	5.14	5.21	3.71
NC_635	14.82	19.77	23.49	25.57	26.20	27.49	**29.87**	29.46	29.83	23.47	25.35	23.02	20.73	21.41	16.96	17.44	14.04	14.40	14.67	10.44
NC_636	0.67	0.77	0.74	**0.84**	0.79	0.65	0.78	0.82	0.73	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_637	12.85	17.93	22.19	25.84	28.60	34.81	39.35	40.14	**40.93**	35.47	35.36	33.76	29.93	27.04	21.66	23.29	19.60	20.11	20.44	14.47
NC_638	1.71	1.91	1.86	**2.04**	1.94	1.63	1.85	1.91	1.70	1.19	1.02	0.76	0.66	0.66	0.45	0.43	0.33	0.34	0.34	0.25
NC_639	6.21	8.53	10.12	10.54	10.29	10.55	11.90	12.13	**12.53**	9.48	8.42	7.06	6.06	6.22	4.30	4.14	3.16	3.23	3.28	2.30
NC_640	0.46	0.66	0.76	0.80	0.79	0.84	0.93	0.98	**1.02**	0.78	0.68	0.59	0.50	0.51	0.36	0.34	0.26	0.27	0.27	0.19
NC_641	0.83	0.96	0.91	**0.97**	0.91	0.80	0.86	0.89	0.81	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.11
NC_642	7.50	10.19	12.33	13.92	15.08	17.39	**18.94**	18.47	18.48	14.21	14.33	12.25	10.77	10.56	8.33	8.26	6.53	6.69	6.84	5.33
NC_643	0.82	0.95	0.90	**0.96**	0.91	0.79	0.86	0.88	0.80	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_644	12.46	14.31	15.71	**15.83**	15.13	14.13	15.01	15.07	15.07	10.87	9.21	7.13	6.18	6.20	4.21	4.06	3.12	3.19	3.24	2.31
NC_645	0.72	0.82	0.80	**0.91**	0.86	0.71	0.85	0.90	0.80	0.55	0.47	0.36	0.31	0.31	0.21	0.20	0.15	0.16	0.16	0.11
NC_646	0.37	0.42	0.51	0.54	0.50	0.47	0.56	**0.62**	0.59	0.43	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_647	0.82	0.96	0.89	**0.98**	0.93	0.79	0.88	0.91	0.83	0.53	0.46	0.33	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_648	2.66	3.03	3.41	3.46	3.30	3.11	3.43	**3.55**	3.49	2.59	2.17	1.75	1.51	1.52	1.04	1.01	0.77	0.79	0.80	0.57
NC_649	1.76	1.89	2.22	2.27	2.16	2.01	2.24	**2.38**	2.27	1.69	1.42	1.14	0.98	0.99	0.68	0.65	0.50	0.51	0.52	0.37
NC_650	37.28	51.58	63.30	73.00	81.09	100.72	115.72	121.86	**126.64**	118.26	111.05	116.32	110.16	99.51	83.40	92.33	83.59	85.54	91.48	64.22
NC_651	1.11	1.28	1.19	**1.34**	1.27	1.06	1.22	1.27	1.14	0.76	0.66	0.48	0.42	0.42	0.28	0.27	0.21	0.22	0.22	0.16
NC_652	56.95	82.42	103.47	121.19	136.47	174.63	201.50	221.53	**231.66**	217.00	205.56	210.45	202.13	181.46	151.65	175.54	153.45	159.74	168.35	119.02
NC_653	1.35	1.50	1.53	**1.67**	1.58	1.35	1.55	1.63	1.46	1.03	0.88	0.66	0.57	0.58	0.39	0.38	0.29	0.30	0.30	0.21
NC_654	1.44	1.58	1.65	**1.79**	1.69	1.46	1.67	1.76	1.59	1.13	0.97	0.73	0.64	0.64	0.43	0.42	0.32	0.33	0.33	0.23
NC_655	1.22	1.42	1.66	1.71	1.61	1.51	1.75	**1.87**	1.84	1.34	1.15	0.91	0.79	0.80	0.54	0.52	0.40	0.41	0.41	0.29

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_656	10.90	12.40	13.61	**13.77**	13.15	12.20	13.01	13.13	13.07	9.36	7.93	6.13	5.31	5.32	3.62	3.48	2.68	2.74	2.78	1.98
NC_657	37.31	51.62	63.36	73.08	81.22	101.00	116.16	122.83	**127.48**	119.32	112.15	117.25	111.21	100.43	84.86	93.73	84.66	86.64	92.59	65.00
NC_658	54.46	74.64	94.07	110.77	125.10	158.76	181.48	191.45	**196.38**	177.78	169.85	174.11	166.43	155.83	128.84	141.62	123.03	126.83	133.80	94.28
NC_659	1.28	1.41	1.48	**1.61**	1.52	1.31	1.51	1.59	1.43	1.03	0.88	0.67	0.58	0.58	0.39	0.38	0.29	0.30	0.30	0.21
NC_660	37.26	51.55	63.27	72.97	81.07	100.71	115.70	121.97	**126.72**	118.40	111.18	116.41	110.32	99.63	83.59	92.51	83.73	85.69	91.63	64.32
NC_661	1.48	1.62	1.69	**1.81**	1.72	1.50	1.69	1.75	1.57	1.15	0.97	0.75	0.65	0.65	0.44	0.43	0.33	0.34	0.34	0.25
NC_662	0.89	1.04	1.24	1.28	1.21	1.14	1.35	**1.48**	1.44	1.06	0.91	0.74	0.64	0.65	0.44	0.43	0.33	0.33	0.34	0.24
NC_663	0.66	0.76	0.73	**0.83**	0.78	0.64	0.77	0.81	0.72	0.49	0.42	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_664	2.00	2.17	2.38	**2.48**	2.36	2.11	2.32	2.43	2.30	1.64	1.40	1.07	0.92	0.93	0.63	0.60	0.46	0.47	0.48	0.34
NC_665	0.91	1.00	1.17	1.23	1.16	1.05	1.23	**1.33**	1.25	0.91	0.77	0.61	0.52	0.53	0.36	0.35	0.26	0.27	0.27	0.19
NC_666	57.01	82.51	103.59	121.32	136.62	174.84	201.71	221.68	**231.71**	216.98	205.53	210.50	202.13	181.47	152.03	175.40	153.30	159.61	168.22	118.93
NC_667	0.56	0.62	0.70	0.76	0.72	0.63	0.77	**0.84**	0.76	0.56	0.48	0.38	0.33	0.33	0.23	0.22	0.17	0.17	0.17	0.12
NC_668	0.45	0.49	0.58	0.63	0.59	0.53	0.64	**0.70**	0.64	0.47	0.41	0.33	0.28	0.28	0.19	0.19	0.14	0.14	0.15	0.10
NC_669	0.74	0.85	0.80	**0.91**	0.86	0.70	0.84	0.88	0.79	0.52	0.45	0.33	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_670	0.85	0.99	0.92	**1.03**	0.97	0.82	0.93	0.96	0.87	0.56	0.49	0.36	0.31	0.31	0.21	0.20	0.16	0.16	0.16	0.12
NC_671	0.55	0.61	0.69	0.75	0.71	0.62	0.76	**0.82**	0.74	0.55	0.47	0.37	0.32	0.32	0.22	0.21	0.16	0.17	0.17	0.12
NC_672	1.72	1.88	2.04	**2.15**	2.04	1.81	2.02	2.10	1.96	1.40	1.20	0.91	0.79	0.79	0.53	0.51	0.39	0.40	0.41	0.29
NC_673	0.92	1.07	1.00	**1.10**	1.04	0.89	0.99	1.02	0.92	0.60	0.51	0.38	0.33	0.33	0.22	0.21	0.16	0.17	0.17	0.12
NC_674	0.67	0.77	0.73	**0.83**	0.79	0.64	0.78	0.82	0.73	0.49	0.42	0.32	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_675	2.34	2.59	2.88	**2.96**	2.81	2.57	2.83	2.94	2.85	2.04	1.74	1.35	1.17	1.17	0.80	0.77	0.59	0.60	0.61	0.43
NC_676	1.58	1.72	1.94	2.02	1.92	1.73	1.95	**2.06**	1.95	1.40	1.20	0.92	0.80	0.80	0.54	0.52	0.40	0.41	0.42	0.29
NC_677	0.94	1.09	1.01	**1.14**	1.07	0.90	1.03	1.07	0.96	0.63	0.55	0.40	0.35	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_678	1.83	2.36	2.63	2.70	2.60	2.67	2.96	3.06	**3.10**	2.41	2.05	1.74	1.49	1.52	1.07	1.03	0.79	0.81	0.82	0.58
NC_679	3.78	4.21	4.67	**4.78**	4.54	4.16	4.56	4.71	4.61	3.28	2.80	2.15	1.86	1.87	1.27	1.22	0.94	0.96	0.97	0.69
NC_680	0.54	0.61	0.64	0.71	0.67	0.57	0.69	**0.74**	0.65	0.47	0.40	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_681	7.79	8.76	9.61	**9.70**	9.26	8.58	9.09	9.18	9.17	6.52	5.53	4.25	3.68	3.70	2.51	2.41	1.86	1.90	1.93	1.37
NC_682	1.28	1.38	1.59	1.68	1.59	1.43	1.65	**1.77**	1.65	1.19	1.02	0.79	0.68	0.69	0.46	0.45	0.34	0.35	0.35	0.25
NC_683	0.38	0.43	0.53	0.56	0.52	0.48	0.58	**0.64**	0.60	0.45	0.38	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_684	1.28	1.43	1.46	**1.59**	1.51	1.29	1.48	1.55	1.39	0.98	0.84	0.63	0.55	0.55	0.37	0.36	0.28	0.28	0.29	0.20
NC_685	0.51	0.57	0.63	0.68	0.64	0.56	0.67	**0.71**	0.64	0.47	0.40	0.31	0.26	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_686	7.68	10.30	12.35	13.76	14.61	16.39	**17.94**	17.52	17.57	13.23	13.20	11.14	9.74	9.68	7.49	7.39	5.85	6.01	6.11	4.82
NC_687	4.24	5.26	5.81	5.90	5.63	5.39	5.95	6.02	**6.10**	4.50	3.82	3.07	2.65	2.68	1.82	1.76	1.35	1.38	1.40	0.99
NC_688	1.83	2.04	2.07	**2.26**	2.14	1.82	2.09	2.20	1.99	1.39	1.19	0.90	0.78	0.78	0.53	0.51	0.39	0.40	0.40	0.29
NC_689	0.74	0.86	0.80	**0.92**	0.87	0.71	0.84	0.88	0.79	0.53	0.45	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_690	1.44	1.78	2.06	2.19	2.23	2.33	2.51	2.57	**2.57**	2.07	1.78	1.53	1.31	1.34	0.96	0.92	0.71	0.73	0.79	0.58
NC_691	0.54	0.60	0.69	0.75	0.71	0.63	0.76	**0.83**	0.76	0.56	0.48	0.38	0.33	0.33	0.23	0.22	0.17	0.17	0.17	0.12
NC_692	1.28	1.49	1.69	1.69	1.61	1.55	1.70	**1.78**	1.73	1.29	1.07	0.86	0.75	0.75	0.51	0.49	0.39	0.40	0.45	0.33
NC_693	2.12	2.58	2.87	2.94	2.98	3.14	3.41	3.51	**3.56**	2.84	2.49	2.15	1.83	1.89	1.36	1.31	1.01	1.04	1.10	0.80
NC_694	0.68	0.75	0.89	0.95	0.89	0.80	0.95	**1.03**	0.94	0.69	0.59	0.46	0.40	0.40	0.27	0.26	0.20	0.20	0.20	0.14
NC_695	1.53	1.62	1.90	1.95	1.86	1.73	1.94	**2.07**	1.97	1.48	1.24	1.01	0.87	0.88	0.61	0.59	0.45	0.46	0.47	0.33
NC_696	54.42	74.66	94.08	110.78	125.12	158.78	181.63	192.18	**197.25**	178.75	170.46	174.95	167.24	156.46	129.49	142.38	123.98	127.80	134.79	94.98
NC_697	1.20	1.30	1.40	**1.49**	1.41	1.25	1.41	1.47	1.35	0.98	0.83	0.65	0.56	0.56	0.38	0.37	0.28	0.29	0.29	0.21
NC_698	0.41	0.47	0.58	0.61	0.57	0.53	0.64	**0.71**	0.67	0.50	0.43	0.35	0.30	0.30	0.21	0.20	0.15	0.16	0.16	0.11
NC_699	0.80	0.93	0.87	**0.96**	0.90	0.77	0.86	0.89	0.81	0.52	0.45	0.33	0.28	0.28	0.19	0.18	0.14	0.15	0.15	0.11
NC_700	57.08	82.63	103.72	121.48	136.82	175.09	201.94	221.61	**231.09**	215.86	204.26	209.55	201.29	181.27	151.74	173.98	152.21	158.43	166.77	117.91
NC_701	11.63	14.38	15.94	**16.14**	15.43	14.77	16.00	15.85	16.12	11.82	10.11	8.05	6.97	7.04	4.78	4.60	3.53	3.61	3.66	2.61
NC_702	0.75	0.87	0.81	**0.91**	0.86	0.72	0.83	0.86	0.77	0.50	0.43	0.32	0.28	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_703	0.78	0.90	0.84	**0.94**	0.88	0.75	0.84	0.88	0.79	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_704	0.43	0.47	0.57	0.61	0.58	0.52	0.63	**0.70**	0.65	0.48	0.41	0.33	0.28	0.29	0.20	0.19	0.14	0.15	0.15	0.10
NC_705	0.53	0.58	0.71	0.76	0.71	0.65	0.79	**0.87**	0.81	0.60	0.52	0.42	0.36	0.37	0.25	0.24	0.19	0.19	0.19	0.13
NC_706	4.61	5.14	5.54	**5.59**	5.33	4.91	5.15	5.18	5.16	3.63	3.09	2.34	2.03	2.04	1.38	1.33	1.03	1.05	1.06	0.76
NC_707	1.51	1.68	1.69	**1.84**	1.75	1.48	1.69	1.77	1.58	1.11	0.95	0.71	0.62	0.62	0.42	0.40	0.31	0.32	0.32	0.23
NC_708	11.55	14.14	15.58	**15.76**	15.05	14.33	15.50	15.43	15.66	11.41	9.74	7.72	6.69	6.74	4.57	4.40	3.38	3.46	3.51	2.49
NC_709	6.17	8.25	9.81	10.66	10.88	11.31	**12.25**	12.02	12.05	9.45	8.72	7.24	6.27	6.19	4.60	4.45	3.45	3.51	3.55	2.52
NC_710	2.57	3.41	3.93	4.06	3.98	4.11	4.53	4.62	**4.71**	3.65	3.20	2.73	2.33	2.39	1.69	1.63	1.25	1.28	1.30	0.92
NC_711	0.53	0.60	0.63	0.71	0.66	0.56	0.69	**0.73**	0.64	0.47	0.40	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_712	0.68	0.79	0.74	**0.85**	0.80	0.65	0.78	0.82	0.73	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_713	1.00	1.09	1.27	1.35	1.27	1.14	1.34	**1.45**	1.35	0.98	0.84	0.66	0.57	0.58	0.39	0.38	0.29	0.29	0.30	0.21
NC_714	57.14	82.72	103.84	121.62	136.99	175.30	202.10	221.28	**230.20**	214.41	202.73	208.38	200.12	181.12	150.91	172.42	150.69	156.98	165.03	116.69
NC_715	1.35	1.56	1.84	1.88	1.78	1.67	1.93	**2.06**	2.04	1.49	1.27	1.02	0.87	0.89	0.60	0.58	0.44	0.45	0.46	0.32
NC_716	0.57	0.64	0.74	0.80	0.75	0.67	0.81	**0.89**	0.81	0.60	0.52	0.42	0.36	0.36	0.25	0.24	0.18	0.19	0.19	0.13
NC_717	1.09	1.20	1.31	1.41	1.33	1.16	1.35	**1.43**	1.30	0.94	0.80	0.61	0.53	0.53	0.36	0.35	0.27	0.27	0.28	0.19
NC_718	1.48	1.70	2.01	2.10	1.98	1.83	2.16	**2.33**	2.23	1.63	1.39	1.12	0.96	0.97	0.66	0.64	0.48	0.50	0.50	0.35
NC_719	1.71	2.23	2.63	2.86	3.51	4.61	**5.05**	4.89	4.93	3.47	3.81	3.05	2.80	2.67	2.17	2.18	1.82	1.86	1.89	1.35
NC_720	2.42	2.94	3.37	3.46	3.27	3.11	3.58	3.79	**3.80**	2.78	2.38	1.93	1.66	1.68	1.14	1.10	0.84	0.86	0.87	0.61
NC_721	0.71	0.82	0.77	**0.88**	0.83	0.68	0.81	0.85	0.76	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_722	1.23	1.36	1.43	1.56	1.47	1.27	1.48	**1.56**	1.40	1.01	0.86	0.66	0.57	0.57	0.39	0.37	0.29	0.29	0.30	0.21
NC_723	1.03	1.13	1.22	1.29	1.23	1.09	1.25	**1.34**	1.24	0.92	0.78	0.62	0.53	0.54	0.37	0.35	0.27	0.28	0.28	0.20
NC_724	0.68	0.77	0.81	0.90	0.85	0.73	0.88	**0.95**	0.83	0.61	0.52	0.41	0.35	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_725	6.55	8.68	10.23	10.97	10.98	11.21	**12.21**	12.01	12.09	9.39	8.48	7.06	6.10	6.12	4.43	4.28	3.29	3.37	3.41	2.43
NC_726	0.40	0.44	0.53	0.57	0.53	0.48	0.58	**0.64**	0.59	0.43	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_727	0.62	0.71	0.69	**0.79**	0.74	0.61	0.74	0.78	0.69	0.48	0.41	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_728	0.66	0.75	0.79	0.87	0.82	0.70	0.85	**0.92**	0.81	0.59	0.51	0.39	0.34	0.34	0.23	0.22	0.17	0.18	0.18	0.13

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_729	10.60	12.49	13.76	**13.94**	13.30	12.48	13.48	13.59	13.64	9.85	8.36	6.54	5.67	5.69	3.86	3.72	2.86	2.92	2.96	2.11
NC_730	54.80	75.23	94.86	111.64	126.58	162.39	186.51	197.98	**203.42**	184.81	175.71	180.97	173.45	162.16	134.11	147.94	128.49	132.42	139.46	98.30
NC_731	0.69	0.79	0.75	**0.85**	0.80	0.65	0.79	0.82	0.74	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_732	57.21	82.84	103.99	121.79	137.24	175.60	202.28	220.53	**228.23**	211.22	199.37	205.84	197.69	180.23	149.66	169.84	148.19	153.60	161.39	114.13
NC_733	1.08	1.17	1.33	1.40	1.33	1.20	1.37	**1.46**	1.36	1.00	0.85	0.67	0.58	0.58	0.40	0.38	0.29	0.30	0.31	0.22
NC_734	0.68	0.78	0.74	**0.85**	0.80	0.65	0.79	0.83	0.74	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_735	0.77	0.88	0.83	**0.92**	0.87	0.74	0.83	0.86	0.78	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_736	1.68	1.92	1.79	**2.01**	1.90	1.59	1.81	1.87	1.68	1.13	0.98	0.72	0.63	0.62	0.42	0.41	0.32	0.32	0.33	0.23
NC_737	4.08	4.49	4.72	**4.88**	4.65	4.16	4.47	4.55	4.37	3.06	2.62	1.97	1.71	1.71	1.16	1.12	0.86	0.88	0.89	0.64
NC_738	0.38	0.42	0.52	0.55	0.52	0.47	0.57	**0.63**	0.59	0.43	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_739	0.90	1.04	0.96	**1.09**	1.03	0.86	1.00	1.04	0.93	0.62	0.53	0.39	0.34	0.34	0.23	0.22	0.17	0.18	0.18	0.13
NC_740	4.70	6.55	8.08	9.22	9.91	10.74	**11.53**	11.22	11.27	8.93	8.94	7.45	6.43	6.63	4.89	4.75	3.66	3.80	3.80	2.68
NC_741	57.10	82.67	103.78	121.54	136.92	175.19	201.87	220.35	**228.51**	211.95	200.16	206.42	198.28	180.22	149.45	170.40	148.83	154.38	162.39	114.84
NC_742	2.11	2.29	2.37	**2.52**	2.40	2.08	2.29	2.35	2.17	1.52	1.30	0.97	0.84	0.84	0.57	0.55	0.42	0.43	0.44	0.31
NC_743	0.59	0.67	0.70	0.78	0.73	0.62	0.75	**0.80**	0.70	0.51	0.44	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_744	5.47	7.09	8.13	8.37	7.95	7.76	8.98	9.29	**9.46**	7.03	6.19	5.13	4.40	4.48	3.10	2.99	2.28	2.34	2.37	1.66
NC_745	8.52	9.86	10.92	**11.07**	10.55	9.85	10.64	10.81	10.79	7.75	6.58	5.12	4.44	4.45	3.02	2.91	2.23	2.28	2.32	1.64
NC_746	0.71	0.82	0.76	**0.87**	0.82	0.68	0.80	0.83	0.75	0.49	0.43	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_747	1.26	1.38	1.45	**1.55**	1.47	1.29	1.46	1.52	1.38	1.01	0.85	0.66	0.57	0.57	0.39	0.37	0.29	0.29	0.30	0.21
NC_748	0.61	0.70	0.69	0.78	0.73	0.61	0.74	**0.78**	0.69	0.48	0.41	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_749	5.21	6.64	7.62	7.82	7.59	7.56	8.32	8.30	**8.35**	6.42	5.57	4.68	4.02	4.09	2.87	2.77	2.14	2.18	2.21	1.58
NC_750	62.95	86.91	107.25	124.96	141.43	181.09	207.48	220.58	**226.66**	206.05	196.33	200.80	192.13	179.79	148.19	163.16	141.52	146.23	153.47	108.17
NC_751	0.73	0.84	0.78	**0.89**	0.84	0.70	0.81	0.84	0.76	0.50	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_752	1.47	1.64	1.61	**1.77**	1.68	1.41	1.61	1.66	1.48	1.03	0.88	0.65	0.57	0.57	0.38	0.37	0.28	0.29	0.30	0.21
NC_753	0.94	1.08	1.03	**1.16**	1.10	0.90	1.08	1.13	1.01	0.69	0.59	0.44	0.38	0.38	0.26	0.25	0.19	0.20	0.20	0.14
NC_754	0.63	0.85	1.00	1.07	1.09	1.16	1.27	1.30	**1.35**	1.05	0.95	0.82	0.70	0.72	0.51	0.49	0.37	0.38	0.39	0.27
NC_755	0.98	1.08	1.18	1.26	1.19	1.06	1.25	**1.36**	1.26	0.93	0.80	0.65	0.56	0.56	0.39	0.37	0.29	0.29	0.30	0.21
NC_756	63.22	87.22	107.48	124.98	141.56	181.37	207.77	220.61	**226.64**	205.86	196.29	200.55	192.07	179.98	148.49	163.47	141.42	145.88	153.12	107.93
NC_757	0.52	0.59	0.62	0.69	0.65	0.55	0.67	**0.72**	0.63	0.46	0.39	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.10
NC_758	0.61	0.70	0.69	0.78	0.73	0.61	0.73	**0.78**	0.69	0.48	0.41	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_759	0.84	0.97	0.90	**1.01**	0.96	0.80	0.92	0.95	0.86	0.56	0.48	0.36	0.31	0.31	0.21	0.20	0.16	0.16	0.16	0.11
NC_760	3.56	3.93	3.98	**4.26**	4.05	3.50	3.88	4.00	3.69	2.58	2.21	1.65	1.43	1.43	0.97	0.94	0.72	0.74	0.75	0.53
NC_761	0.43	0.47	0.55	0.60	0.56	0.50	0.60	**0.66**	0.60	0.44	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_762	1.04	1.15	1.35	1.38	1.31	1.22	1.37	**1.46**	1.40	1.03	0.87	0.69	0.60	0.60	0.41	0.39	0.30	0.31	0.31	0.22
NC_763	1.52	1.85	2.14	2.20	2.08	1.97	2.29	**2.44**	2.43	1.78	1.52	1.23	1.05	1.07	0.73	0.70	0.53	0.55	0.55	0.39
NC_764	0.46	0.51	0.58	0.63	0.59	0.52	0.63	**0.69**	0.62	0.45	0.39	0.31	0.26	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_765	1.24	1.64	1.83	1.87	1.79	1.76	1.95	1.93	**1.97**	1.51	1.26	1.04	0.89	0.90	0.62	0.59	0.46	0.47	0.47	0.34
NC_766	1.88	2.08	2.06	**2.24**	2.13	1.80	2.03	2.10	1.90	1.33	1.14	0.85	0.74	0.74	0.50	0.48	0.37	0.38	0.38	0.27
NC_767	6.42	9.18	11.50	13.38	14.79	17.84	19.93	20.10	**20.42**	17.30	17.23	15.67	13.82	12.68	10.22	10.46	8.56	8.77	8.89	6.26
NC_768	0.75	0.87	0.81	**0.91**	0.86	0.72	0.82	0.85	0.77	0.50	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_769	4.33	5.86	7.01	7.61	7.73	7.95	8.72	8.58	**8.72**	6.71	6.35	5.25	4.53	4.68	3.33	3.23	2.48	2.54	2.57	1.81
NC_770	62.72	86.67	107.09	124.94	141.31	180.84	207.21	220.45	**226.55**	206.06	196.27	200.79	192.28	179.50	147.53	163.61	141.44	146.37	153.62	108.28
NC_771	1.05	1.20	1.12	**1.27**	1.20	1.00	1.16	1.21	1.08	0.72	0.62	0.46	0.40	0.40	0.27	0.26	0.20	0.21	0.21	0.15
NC_772	0.69	0.80	0.75	**0.86**	0.81	0.66	0.79	0.83	0.74	0.49	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_773	0.55	0.63	0.65	0.73	0.68	0.58	0.70	**0.75**	0.66	0.47	0.40	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_774	3.68	4.03	4.11	**4.40**	4.18	3.61	3.99	4.13	3.79	2.66	2.28	1.71	1.48	1.48	1.01	0.97	0.75	0.76	0.77	0.55
NC_775	1.08	1.24	1.17	**1.32**	1.25	1.03	1.22	1.27	1.13	0.77	0.66	0.49	0.43	0.43	0.29	0.28	0.22	0.22	0.22	0.16
NC_776	0.74	0.84	1.00	1.05	0.99	0.91	1.09	**1.19**	1.13	0.84	0.72	0.59	0.51	0.52	0.35	0.34	0.26	0.27	0.27	0.19
NC_777	4.58	6.02	7.03	7.39	7.20	7.21	8.03	7.98	**8.16**	6.17	5.61	4.65	4.00	4.14	2.89	2.79	2.14	2.19	2.22	1.57
NC_778	0.71	0.83	0.77	**0.88**	0.83	0.68	0.80	0.84	0.76	0.50	0.43	0.32	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_779	5.20	6.73	7.71	7.91	7.64	7.84	8.71	8.88	**9.07**	6.97	6.48	5.60	4.81	5.01	3.58	3.48	2.68	2.74	2.78	1.97
NC_780	3.31	4.30	5.00	5.17	5.08	5.30	5.87	5.92	**6.09**	4.70	4.52	3.87	3.34	3.46	2.48	2.42	1.86	1.90	1.93	1.36
NC_781	0.69	0.89	1.03	1.05	0.99	1.01	1.17	1.28	**1.29**	0.96	0.83	0.69	0.59	0.60	0.41	0.40	0.30	0.31	0.31	0.22
NC_782	1.07	1.23	1.14	**1.28**	1.21	1.02	1.15	1.19	1.08	0.71	0.61	0.45	0.39	0.39	0.26	0.25	0.20	0.20	0.20	0.15
NC_783	1.01	1.10	1.26	1.34	1.26	1.12	1.31	**1.41**	1.30	0.94	0.81	0.63	0.54	0.55	0.37	0.36	0.27	0.28	0.28	0.20
NC_784	4.04	4.50	4.73	**4.92**	4.68	4.18	4.54	4.65	4.44	3.10	2.65	1.99	1.73	1.73	1.17	1.13	0.87	0.89	0.90	0.64
NC_785	2.46	3.02	3.47	3.57	3.37	3.22	3.76	4.02	**4.02**	2.97	2.55	2.09	1.79	1.81	1.24	1.20	0.92	0.94	0.95	0.66
NC_786	0.78	0.91	0.84	**0.95**	0.90	0.75	0.86	0.90	0.81	0.53	0.46	0.33	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_787	5.13	6.52	7.40	7.55	7.23	7.05	7.91	7.98	**8.16**	6.09	5.39	4.44	3.81	3.94	2.72	2.62	2.01	2.06	2.09	1.47
NC_788	0.44	0.48	0.59	0.63	0.59	0.53	0.65	**0.71**	0.66	0.49	0.42	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_789	6.50	9.29	11.63	13.52	14.93	17.95	19.97	20.06	**20.37**	17.16	17.19	15.47	13.70	12.62	10.16	10.28	8.41	8.61	8.73	6.14
NC_790	0.86	0.97	0.94	**1.05**	1.00	0.82	0.96	1.00	0.90	0.61	0.52	0.39	0.34	0.33	0.23	0.22	0.17	0.17	0.17	0.12
NC_791	1.45	1.61	1.59	**1.74**	1.65	1.40	1.58	1.64	1.47	1.02	0.88	0.65	0.56	0.56	0.38	0.37	0.28	0.29	0.29	0.21
NC_792	4.51	5.01	5.38	**5.58**	5.31	4.78	5.20	5.34	5.12	3.62	3.09	2.36	2.04	2.04	1.39	1.33	1.03	1.05	1.06	0.76
NC_793	2.39	2.59	2.71	**2.86**	2.72	2.38	2.59	2.66	2.47	1.74	1.49	1.11	0.97	0.97	0.66	0.63	0.49	0.50	0.50	0.36
NC_794	5.33	6.07	6.61	**6.78**	6.45	5.92	6.43	6.55	6.47	4.59	3.89	3.01	2.60	2.61	1.77	1.70	1.31	1.34	1.36	0.96
NC_795	0.84	0.97	0.91	**0.99**	0.93	0.81	0.88	0.91	0.83	0.53	0.45	0.33	0.29	0.29	0.19	0.19	0.15	0.15	0.15	0.11
NC_796	0.68	0.91	1.04	1.08	1.06	1.11	1.24	1.32	**1.35**	1.04	0.91	0.78	0.67	0.68	0.48	0.46	0.35	0.36	0.36	0.25
NC_797	4.73	5.33	5.91	6.01	5.72	5.31	5.87	**6.10**	6.10	4.41	3.79	3.04	2.61	2.67	1.82	1.75	1.35	1.38	1.40	0.99
NC_798	0.62	0.70	0.76	0.84	0.79	0.68	0.83	**0.90**	0.80	0.59	0.51	0.40	0.34	0.35	0.24	0.23	0.17	0.18	0.18	0.13
NC_799	0.70	0.81	0.75	**0.86**	0.81	0.67	0.79	0.83	0.74	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_800	0.52	0.58	0.65	0.71	0.67	0.58	0.70	**0.75**	0.67	0.49	0.42	0.33	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_801	0.42	0.46	0.57	0.61	0.57	0.52	0.63	**0.69**	0.64	0.47	0.41	0.33	0.28	0.28	0.19	0.19	0.14	0.15	0.15	0.10

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_802	1.75	1.89	2.13	**2.18**	2.07	1.90	2.05	2.12	2.05	1.47	1.24	0.95	0.83	0.83	0.56	0.54	0.42	0.42	0.43	0.31
NC_803	1.89	2.22	2.53	2.69	2.80	3.03	3.28	3.25	**3.33**	2.66	2.67	2.29	1.96	2.05	1.47	1.42	1.10	1.12	1.14	0.80
NC_804	1.76	1.95	1.93	**2.11**	2.00	1.70	1.92	1.98	1.77	1.24	1.07	0.79	0.69	0.69	0.46	0.45	0.35	0.35	0.36	0.26
NC_805	3.60	4.01	4.04	**4.36**	4.13	3.55	3.99	4.12	3.79	2.62	2.24	1.67	1.45	1.45	0.98	0.95	0.73	0.74	0.75	0.54
NC_806	0.86	0.99	0.93	**1.05**	1.00	0.82	0.97	1.02	0.91	0.61	0.53	0.39	0.34	0.34	0.23	0.22	0.17	0.17	0.18	0.13
NC_807	0.81	0.94	0.87	**0.99**	0.93	0.78	0.90	0.93	0.84	0.55	0.47	0.35	0.30	0.30	0.20	0.20	0.15	0.16	0.16	0.11
NC_808	0.37	0.41	0.51	0.54	0.50	0.46	0.56	**0.62**	0.58	0.43	0.37	0.30	0.25	0.26	0.17	0.17	0.13	0.13	0.13	0.09
NC_809	1.35	1.48	1.53	**1.65**	1.56	1.34	1.51	1.56	1.41	1.00	0.86	0.64	0.55	0.55	0.38	0.36	0.28	0.28	0.29	0.21
NC_810	0.49	0.54	0.62	0.67	0.63	0.56	0.66	**0.71**	0.65	0.47	0.40	0.32	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_811	0.54	0.60	0.66	0.72	0.68	0.59	0.72	**0.77**	0.69	0.50	0.43	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_812	0.86	1.00	0.92	**1.05**	0.99	0.82	0.95	0.99	0.89	0.59	0.51	0.37	0.32	0.32	0.22	0.21	0.16	0.17	0.17	0.12
NC_813	0.71	0.82	0.77	**0.88**	0.83	0.68	0.81	0.84	0.76	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_814	3.56	4.02	4.46	4.58	4.35	4.01	4.52	**4.75**	4.70	3.41	2.94	2.37	2.04	2.08	1.42	1.37	1.05	1.08	1.09	0.77
NC_815	6.54	9.35	11.71	13.60	15.01	17.98	19.81	19.77	**20.07**	16.76	16.99	15.07	13.34	12.52	9.95	10.03	8.13	8.33	8.44	5.94
NC_816	0.69	0.80	0.75	**0.86**	0.81	0.66	0.79	0.83	0.74	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_817	0.83	0.97	0.90	**1.01**	0.95	0.80	0.91	0.95	0.85	0.56	0.48	0.35	0.30	0.30	0.21	0.20	0.15	0.16	0.16	0.11
NC_818	0.78	0.91	0.84	**0.95**	0.89	0.75	0.86	0.89	0.80	0.52	0.45	0.33	0.29	0.29	0.19	0.19	0.14	0.15	0.15	0.11
NC_819	0.84	0.97	0.91	**1.00**	0.94	0.80	0.89	0.92	0.84	0.54	0.46	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_820	0.74	0.86	0.80	**0.91**	0.85	0.71	0.82	0.86	0.77	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_821	0.82	0.94	0.88	**1.00**	0.95	0.78	0.92	0.96	0.86	0.58	0.50	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_822	0.81	0.94	0.87	**0.98**	0.93	0.78	0.89	0.92	0.83	0.54	0.47	0.34	0.30	0.30	0.20	0.19	0.15	0.15	0.15	0.11
NC_823	0.48	0.54	0.60	0.66	0.62	0.54	0.65	**0.71**	0.63	0.46	0.40	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_824	3.17	3.50	3.88	4.04	3.83	3.47	3.96	**4.23**	4.08	2.97	2.57	2.06	1.77	1.81	1.23	1.19	0.91	0.93	0.95	0.67
NC_825	0.63	0.69	0.81	0.87	0.82	0.73	0.89	**0.98**	0.90	0.67	0.58	0.47	0.40	0.41	0.28	0.27	0.20	0.21	0.21	0.15
NC_826	0.73	0.85	0.79	**0.91**	0.86	0.70	0.83	0.87	0.78	0.52	0.45	0.33	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.11
NC_827	6.54	9.35	11.70	13.57	14.94	17.75	19.33	19.13	**19.36**	15.96	16.50	14.38	12.66	12.16	9.53	9.51	7.66	7.84	7.95	5.60
NC_828	0.99	1.08	1.23	1.29	1.23	1.11	1.28	**1.37**	1.28	0.95	0.81	0.64	0.55	0.56	0.38	0.37	0.28	0.29	0.29	0.21
NC_829	1.37	1.72	2.07	2.35	2.44	2.62	2.85	2.80	**2.88**	2.23	2.30	1.94	1.64	1.72	1.25	1.21	0.94	0.96	0.97	0.68
NC_830	1.97	2.14	2.46	2.57	2.43	2.22	2.58	**2.83**	2.71	2.01	1.74	1.42	1.22	1.24	0.85	0.82	0.63	0.64	0.65	0.46
NC_831	0.70	0.81	0.76	**0.87**	0.82	0.67	0.80	0.83	0.75	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_832	1.26	1.65	1.99	2.17	2.19	2.32	2.58	2.53	**2.63**	2.06	1.95	1.67	1.42	1.47	1.05	1.01	0.78	0.80	0.81	0.57
NC_833	0.62	0.71	0.70	0.79	0.74	0.62	0.75	**0.79**	0.70	0.49	0.42	0.32	0.27	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_834	6.64	9.47	11.84	13.73	15.11	17.87	**19.31**	18.99	19.17	15.69	16.45	14.17	12.43	12.16	9.47	9.36	7.50	7.67	7.78	5.47
NC_835	0.79	0.87	1.03	1.08	1.02	0.99	1.14	**1.29**	1.25	0.95	0.83	0.70	0.60	0.61	0.42	0.41	0.31	0.32	0.33	0.23
NC_836	0.54	0.59	0.67	0.71	0.67	0.60	0.69	**0.73**	0.68	0.49	0.42	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_837	0.43	0.47	0.55	0.60	0.56	0.50	0.60	**0.66**	0.60	0.44	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_838	0.51	0.56	0.64	0.67	0.63	0.57	0.66	**0.70**	0.66	0.47	0.40	0.31	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_839	6.25	8.92	11.16	12.96	14.29	16.86	**18.17**	17.83	17.97	14.66	15.42	13.19	11.56	11.40	8.87	8.74	6.95	7.11	7.21	5.08
NC_840	1.19	1.62	1.85	1.91	1.84	1.92	2.16	2.26	**2.32**	1.77	1.55	1.32	1.13	1.16	0.81	0.78	0.59	0.61	0.62	0.43
NC_841	0.58	0.65	0.70	0.78	0.73	0.63	0.77	**0.83**	0.73	0.54	0.46	0.36	0.31	0.31	0.21	0.20	0.16	0.16	0.16	0.11
NC_842	1.13	1.54	1.87	2.04	2.07	2.21	2.45	2.42	**2.53**	1.96	1.92	1.64	1.39	1.45	1.04	1.01	0.78	0.79	0.81	0.56
NC_843	0.73	0.85	1.00	1.03	0.97	0.92	1.08	**1.21**	1.18	0.89	0.76	0.63	0.54	0.55	0.38	0.36	0.28	0.28	0.29	0.20
NC_844	0.75	0.86	0.83	**0.94**	0.89	0.73	0.88	0.92	0.82	0.56	0.48	0.36	0.31	0.31	0.21	0.20	0.16	0.16	0.16	0.12
NC_845	6.25	8.92	11.16	12.98	14.33	16.81	**18.08**	17.70	17.79	14.45	15.33	13.01	11.38	11.27	8.83	8.65	6.82	6.98	7.08	4.98
NC_846	2.31	2.63	3.01	3.04	2.89	2.74	3.08	**3.25**	3.24	2.41	2.05	1.67	1.44	1.46	1.00	0.97	0.74	0.76	0.77	0.55
NC_847	2.30	3.09	3.65	3.80	3.76	3.86	4.23	4.22	**4.31**	3.35	3.00	2.54	2.17	2.23	1.57	1.52	1.17	1.20	1.21	0.86
NC_848	0.54	0.60	0.66	0.73	0.68	0.59	0.72	**0.78**	0.69	0.51	0.44	0.34	0.29	0.30	0.20	0.19	0.15	0.15	0.15	0.11
NC_849	0.41	0.45	0.54	0.58	0.55	0.49	0.59	**0.65**	0.60	0.44	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_850	1.62	1.97	2.20	2.31	2.35	2.54	2.77	2.74	**2.80**	2.26	2.30	1.95	1.65	1.75	1.29	1.26	0.98	1.00	1.02	0.72
NC_851	5.12	7.34	9.22	10.71	11.78	13.76	**14.79**	14.49	14.59	11.78	12.31	10.48	9.14	9.02	6.98	6.86	5.43	5.55	5.63	3.96
NC_852	0.52	0.71	0.82	0.86	0.86	0.91	1.01	1.07	**1.10**	0.85	0.74	0.64	0.55	0.56	0.39	0.38	0.29	0.29	0.30	0.21
NC_853	0.76	0.88	0.81	**0.93**	0.87	0.72	0.85	0.89	0.80	0.53	0.45	0.33	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_854	2.01	2.65	3.00	3.08	2.96	2.98	3.33	3.37	**3.43**	2.65	2.30	1.94	1.66	1.70	1.18	1.14	0.88	0.90	0.91	0.65
NC_855	1.09	1.23	1.25	1.37	1.30	1.11	1.31	**1.41**	1.24	0.91	0.79	0.62	0.53	0.54	0.37	0.35	0.27	0.28	0.28	0.20
NC_856	0.72	0.86	1.01	1.04	0.98	0.99	1.12	**1.26**	1.24	0.94	0.81	0.69	0.59	0.60	0.42	0.40	0.31	0.31	0.32	0.22
NC_857	0.77	0.89	0.82	**0.93**	0.88	0.74	0.85	0.89	0.80	0.52	0.45	0.33	0.29	0.29	0.19	0.19	0.14	0.15	0.15	0.11
NC_858	1.54	1.69	1.96	2.01	1.94	2.08	2.29	2.41	**2.41**	1.91	1.85	1.59	1.34	1.41	1.02	0.99	0.77	0.78	0.80	0.56
NC_859	0.46	0.52	0.58	0.63	0.60	0.52	0.63	**0.69**	0.61	0.45	0.39	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_860	4.02	5.73	7.17	8.30	9.10	10.65	**11.47**	11.23	11.32	9.14	9.37	7.99	7.00	6.80	5.32	5.22	4.12	4.21	4.27	3.00
NC_861	0.74	0.86	0.79	**0.90**	0.85	0.71	0.82	0.86	0.77	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_862	1.14	1.25	1.47	1.52	1.53	1.64	1.79	**1.90**	1.89	1.50	1.37	1.19	1.01	1.05	0.74	0.72	0.55	0.57	0.57	0.40
NC_863	3.92	5.57	6.94	7.98	8.67	9.90	**10.68**	10.45	10.51	8.40	8.59	7.26	6.32	6.20	4.80	4.70	3.67	3.76	3.81	2.68
NC_864	0.74	0.86	0.80	**0.92**	0.86	0.71	0.84	0.88	0.79	0.53	0.45	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_865	0.72	0.85	0.99	1.02	0.96	0.92	1.07	**1.19**	1.17	0.88	0.75	0.62	0.53	0.54	0.37	0.36	0.27	0.28	0.28	0.20
NC_866	0.53	0.60	0.63	0.70	0.66	0.56	0.68	**0.73**	0.64	0.46	0.40	0.31	0.26	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_867	1.03	1.11	1.32	1.36	1.29	1.20	1.37	**1.47**	1.39	1.04	0.88	0.70	0.61	0.61	0.42	0.40	0.31	0.32	0.32	0.23
NC_868	2.53	3.57	4.42	5.03	5.37	5.78	**6.24**	6.11	6.18	4.89	4.80	3.98	3.42	3.47	2.59	2.51	1.93	1.98	2.01	1.41
NC_869	1.63	2.33	2.90	3.31	3.55	3.99	**4.33**	4.25	4.29	3.39	3.48	2.90	2.52	2.51	1.91	1.86	1.44	1.48	1.50	1.05
NC_870	1.60	2.29	2.87	3.30	3.58	4.14	**4.49**	4.40	4.45	3.56	3.65	3.10	2.71	2.63	2.06	2.01	1.58	1.61	1.64	1.15
NC_871	0.68	0.78	0.94	0.97	0.91	0.87	1.03	**1.14**	1.11	0.83	0.71	0.59	0.51	0.52	0.36	0.34	0.26	0.27	0.27	0.19
NC_872	1.92	2.65	3.24	3.66	3.86	4.07	**4.38**	4.29	4.32	3.41	3.27	2.71	2.33	2.38	1.74	1.69	1.30	1.33	1.35	0.95
NC_873	1.04	1.34	1.51	1.55	1.52	1.58	1.75	1.84	**1.87**	1.45	1.25	1.08	0.92	0.94	0.66	0.64	0.49	0.50	0.51	0.36
NC_874	0.59	0.68	0.68	0.76	0.72	0.60	0.73	**0.77**	0.68	0.48	0.41	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_875	1.69	2.39	2.95	3.32	3.51	3.75	4.10	4.03	**4.11**	3.21	3.20	2.66	2.29	2.33	1.72	1.67	1.29	1.32	1.34	0.94
NC_876	1.79	2.41	2.88	3.16	3.17	3.27	**3.57**	3.49	3.53	2.75	2.52	2.09	1.80	1.84	1.32	1.28	0.98	1.01	1.02	0.72
NC_877	1.75	2.46	3.00	3.32	3.34	3.52	3.88	3.84	**3.96**	3.05	2.91	2.45	2.10	2.16	1.56	1.50	1.16	1.18	1.20	0.84
NC_878	1.02	1.11	1.26	1.33	1.26	1.13	1.32	**1.42**	1.33	0.98	0.84	0.67	0.58	0.58	0.40	0.39	0.30	0.30	0.31	0.22
NC_879	1.93	2.53	2.95	3.05	2.98	3.01	3.30	3.28	**3.32**	2.56	2.24	1.88	1.61	1.64	1.15	1.11	0.85	0.87	0.88	0.63
NC_880	0.55	0.82	1.03	1.14	1.15	1.23	1.37	1.35	**1.41**	1.10	1.05	0.90	0.76	0.79	0.56	0.54	0.41	0.42	0.43	0.30
NC_881	0.79	0.91	0.85	**0.96**	0.90	0.76	0.87	0.91	0.82	0.53	0.46	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_882	0.59	0.66	0.75	0.81	0.76	0.67	0.82	**0.89**	0.81	0.60	0.51	0.41	0.35	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_883	1.87	2.57	3.02	3.14	3.13	3.25	3.59	3.64	**3.75**	2.90	2.62	2.24	1.91	1.97	1.39	1.34	1.03	1.05	1.07	0.75
NC_884	0.71	0.81	0.78	**0.88**	0.83	0.68	0.82	0.86	0.77	0.52	0.45	0.33	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_885	0.74	0.86	0.79	**0.90**	0.85	0.71	0.82	0.85	0.77	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_886	1.98	2.17	2.49	2.51	2.39	2.26	2.48	**2.61**	2.54	1.89	1.59	1.28	1.10	1.11	0.76	0.74	0.57	0.58	0.59	0.42
NC_887	1.14	1.24	1.35	1.43	1.36	1.20	1.37	**1.44**	1.32	0.97	0.82	0.64	0.55	0.56	0.38	0.37	0.28	0.29	0.29	0.21
NC_888	0.70	0.81	0.77	**0.88**	0.83	0.68	0.82	0.86	0.77	0.52	0.45	0.33	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.11
NC_889	0.41	0.45	0.54	0.58	0.54	0.49	0.59	**0.65**	0.59	0.44	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_890	0.88	1.19	1.36	1.42	1.40	1.47	1.63	1.73	**1.78**	1.37	1.20	1.03	0.88	0.90	0.63	0.60	0.46	0.47	0.48	0.33
NC_891	0.44	0.49	0.56	0.61	0.57	0.51	0.61	**0.67**	0.61	0.45	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_892	0.49	0.55	0.60	0.66	0.62	0.54	0.66	**0.71**	0.63	0.46	0.40	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_893	0.53	0.59	0.71	0.76	0.71	0.64	0.78	**0.86**	0.80	0.59	0.51	0.41	0.36	0.36	0.25	0.24	0.18	0.19	0.19	0.13
NC_894	0.62	0.70	0.77	0.85	0.80	0.69	0.84	**0.92**	0.82	0.61	0.52	0.41	0.35	0.36	0.24	0.24	0.18	0.18	0.19	0.13
NC_895	0.39	0.43	0.53	0.56	0.53	0.48	0.58	**0.64**	0.59	0.43	0.37	0.30	0.25	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_896	0.37	0.43	0.52	0.55	0.51	0.48	0.57	**0.64**	0.60	0.45	0.38	0.31	0.27	0.27	0.18	0.18	0.13	0.14	0.14	0.10
NC_897	0.42	0.47	0.55	0.59	0.56	0.50	0.60	**0.66**	0.60	0.45	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.10
NC_898	0.96	1.38	1.62	1.69	1.65	1.72	1.94	2.03	**2.09**	1.59	1.40	1.18	1.01	1.03	0.72	0.69	0.52	0.54	0.55	0.38
NC_899	0.43	0.49	0.60	0.63	0.59	0.55	0.66	**0.74**	0.70	0.52	0.45	0.37	0.31	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_900	0.68	0.86	0.99	1.00	0.98	1.04	1.15	1.27	**1.28**	0.98	0.85	0.73	0.62	0.64	0.44	0.43	0.33	0.34	0.34	0.24
NC_901	0.54	0.60	0.65	0.72	0.68	0.58	0.71	**0.77**	0.68	0.50	0.42	0.33	0.29	0.29	0.20	0.19	0.14	0.15	0.15	0.10
NC_902	0.78	0.87	1.04	1.08	1.02	0.95	1.12	**1.24**	1.20	0.90	0.77	0.63	0.54	0.55	0.38	0.37	0.28	0.29	0.29	0.20
NC_903	1.40	1.83	2.08	2.15	2.09	2.19	2.47	2.62	**2.69**	2.05	1.78	1.51	1.29	1.33	0.91	0.88	0.67	0.69	0.70	0.49
NC_904	0.73	0.84	0.78	**0.89**	0.84	0.70	0.81	0.84	0.76	0.50	0.43	0.32	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_905	1.23	1.74	2.09	2.20	2.20	2.31	2.57	2.60	**2.69**	2.08	1.90	1.63	1.39	1.43	1.01	0.97	0.75	0.76	0.77	0.54
NC_906	0.41	0.47	0.57	0.60	0.57	0.52	0.63	**0.70**	0.66	0.49	0.42	0.34	0.29	0.30	0.20	0.20	0.15	0.15	0.16	0.11
NC_907	1.30	1.42	1.56	1.66	1.57	1.40	1.60	**1.70**	1.56	1.15	0.97	0.76	0.66	0.66	0.46	0.44	0.34	0.34	0.35	0.25
NC_908	1.11	1.59	2.05	2.42	2.68	3.07	**3.29**	3.22	3.23	2.71	2.98	2.55	2.27	2.34	1.80	1.77	2.36	1.86	2.77	1.31
NC_909	0.55	0.63	0.65	0.73	0.68	0.58	0.70	**0.75**	0.66	0.47	0.41	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_910	0.38	0.42	0.52	0.55	0.52	0.47	0.57	**0.63**	0.58	0.43	0.37	0.30	0.25	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_911	0.40	0.47	0.45	**0.52**	0.49	0.40	0.49	0.51	0.46	0.31	0.27	0.20	0.17	0.17	0.12	0.11	0.09	0.09	0.09	0.06
NC_912	0.67	0.78	0.74	**0.84**	0.79	0.65	0.78	0.82	0.73	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_913	2.66	2.91	3.21	**3.28**	3.12	2.85	3.08	3.18	3.10	2.20	1.88	1.43	1.24	1.24	0.84	0.81	0.62	0.64	0.65	0.46
NC_914	2.17	2.33	2.58	2.70	2.57	2.31	2.58	**2.71**	2.53	1.85	1.57	1.23	1.06	1.06	0.73	0.70	0.54	0.55	0.56	0.40
NC_915	2.12	2.31	2.48	**2.61**	2.48	2.20	2.45	2.55	2.39	1.70	1.45	1.10	0.95	0.96	0.65	0.62	0.48	0.49	0.50	0.35
NC_916	0.79	0.91	0.84	**0.96**	0.91	0.76	0.88	0.91	0.82	0.54	0.47	0.34	0.30	0.30	0.20	0.19	0.15	0.15	0.16	0.11
NC_917	0.70	1.03	1.22	1.28	1.27	1.33	1.49	1.54	**1.60**	1.23	1.09	0.93	0.79	0.81	0.56	0.54	0.41	0.42	0.43	0.30
NC_918	0.44	0.49	0.57	0.62	0.58	0.51	0.62	**0.67**	0.61	0.45	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_919	1.32	1.54	1.78	1.81	1.71	1.79	1.99	2.19	**2.19**	1.68	1.45	1.25	1.07	1.09	0.76	0.74	0.56	0.58	0.59	0.41
NC_920	2.91	3.25	3.66	3.72	3.53	3.29	3.72	**3.92**	3.91	2.87	2.46	2.01	1.73	1.77	1.21	1.17	0.90	0.92	0.93	0.66
NC_921	0.76	0.87	0.81	**0.93**	0.88	0.72	0.85	0.89	0.80	0.53	0.46	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_922	0.37	0.41	0.51	0.54	0.50	0.46	0.56	**0.62**	0.58	0.43	0.37	0.30	0.25	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_923	0.47	0.66	0.77	0.80	0.79	0.84	0.93	0.99	**1.02**	0.78	0.68	0.59	0.50	0.51	0.35	0.34	0.26	0.27	0.27	0.19
NC_924	0.38	0.41	0.51	0.55	0.51	0.47	0.57	**0.62**	0.58	0.43	0.37	0.30	0.25	0.26	0.18	0.17	0.13	0.13	0.13	0.09
NC_925	2.55	3.52	4.32	4.87	5.10	5.46	5.92	5.83	**5.94**	4.65	4.79	3.99	3.44	3.56	2.63	2.56	1.99	2.03	2.06	1.45
NC_926	0.75	1.12	1.40	1.50	1.51	1.60	1.79	1.80	**1.87**	1.44	1.34	1.15	0.97	1.00	0.71	0.68	0.52	0.53	0.54	0.37
NC_927	0.42	0.46	0.55	0.59	0.56	0.50	0.61	**0.67**	0.62	0.46	0.39	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_928	0.60	0.68	0.76	0.82	0.78	0.68	0.82	**0.90**	0.81	0.60	0.51	0.41	0.35	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_929	2.29	2.54	2.86	2.98	2.82	2.59	2.99	**3.22**	3.11	2.29	1.97	1.61	1.38	1.41	0.97	0.93	0.72	0.73	0.74	0.52
NC_930	8.87	11.37	13.02	13.32	12.80	12.66	14.26	14.41	**14.70**	11.09	9.79	8.19	7.02	7.21	4.99	4.81	3.69	3.78	3.83	2.71
NC_931	0.90	1.04	0.96	**1.09**	1.03	0.86	1.00	1.04	0.93	0.62	0.53	0.39	0.34	0.34	0.23	0.22	0.17	0.17	0.18	0.13
NC_932	2.60	3.82	4.83	5.54	5.95	6.61	7.14	7.03	**7.21**	5.65	6.17	5.25	4.58	4.76	3.58	3.51	3.59	2.83	4.18	2.01
NC_933	0.73	0.84	0.78	**0.89**	0.84	0.70	0.82	0.86	0.77	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_934	0.75	0.86	0.80	**0.91**	0.86	0.71	0.83	0.87	0.78	0.51	0.44	0.33	0.28	0.28	0.19	0.18	0.14	0.15	0.15	0.11
NC_935	0.74	0.90	1.04	1.06	1.00	1.02	1.16	**1.28**	1.28	0.97	0.83	0.70	0.60	0.61	0.42	0.41	0.31	0.32	0.32	0.23
NC_936	0.78	1.17	1.49	1.72	1.80	1.94	2.13	2.10	**2.18**	1.68	1.69	1.42	1.21	1.25	0.90	0.88	0.67	0.69	0.70	0.48
NC_937	2.83	3.86	4.70	5.29	5.63	6.10	**6.58**	6.45	6.53	5.16	5.42	4.53	3.91	4.03	3.02	2.95	2.30	2.35	2.39	1.68
NC_938	1.36	1.52	1.52	**1.66**	1.58	1.33	1.53	1.59	1.42	1.00	0.85	0.64	0.55	0.55	0.37	0.36	0.28	0.28	0.29	0.20
NC_939	0.57	0.64	0.70	0.77	0.72	0.63	0.76	**0.83**	0.74	0.54	0.46	0.37	0.31	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_940	2.72	3.96	5.01	5.78	6.26	7.10	7.67	7.55	**7.68**	6.06	6.67	5.70	5.01	5.14	3.92	3.86	3.78	3.13	4.48	2.22
NC_941	0.80	1.21	1.55	1.81	1.98	2.22	2.41	2.37	**2.42**	1.89	2.00	1.66	1.43	1.47	1.09	1.05	0.81	0.83	0.84	0.58
NC_942	0.47	0.53	0.59	0.64	0.60	0.52	0.64	**0.69**	0.61	0.45	0.39	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_943	1.06	1.22	1.14	**1.29**	1.22	1.01	1.19	1.24	1.11	0.75	0.64	0.48	0.41	0.41	0.28	0.27	0.21	0.21	0.22	0.15
NC_944	0.67	0.78	0.74	**0.84**	0.79	0.65	0.78	0.82	0.73	0.49	0.42	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_945	0.38	0.42	0.52	0.55	0.52	0.48	0.57	**0.63**	0.59	0.44	0.38	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_946	0.72	0.84	0.78	**0.89**	0.84	0.69	0.81	0.85	0.76	0.50	0.43	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_947	0.38	0.41	0.51	0.55	0.51	0.47	0.57	**0.62**	0.58	0.43	0.37	0.30	0.25	0.26	0.18	0.17	0.13	0.13	0.13	0.09

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_948	1.16	1.75	2.25	2.63	2.86	3.21	3.47	3.41	**3.49**	2.73	2.95	2.47	2.12	2.18	1.62	1.58	1.22	1.24	1.26	0.88
NC_949	2.72	3.97	5.01	5.79	6.30	7.27	**7.87**	7.73	7.85	6.24	6.83	5.91	5.21	5.23	4.04	3.99	3.89	3.26	4.61	2.32
NC_950	0.57	0.65	0.67	0.75	0.70	0.59	0.72	0.77	2.61	3.84	3.84	3.53	**7.15**	6.19	4.25	5.98	4.65	5.12	4.90	4.31
NC_951	2.08	2.92	3.58	3.85	3.86	4.04	4.47	4.41	**4.56**	3.53	3.31	2.82	2.40	2.49	1.78	1.72	1.32	1.35	1.37	0.97
NC_952	0.75	0.86	0.81	**0.92**	0.87	0.71	0.85	0.89	0.79	0.53	0.45	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_953	0.84	0.97	0.90	**1.02**	0.97	0.80	0.93	0.97	0.87	0.57	0.49	0.36	0.32	0.31	0.21	0.21	0.16	0.16	0.16	0.12
NC_954	0.47	0.52	0.61	0.66	0.62	0.55	0.67	**0.73**	0.66	0.49	0.42	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_955	0.43	0.47	0.57	0.61	0.57	0.51	0.62	**0.68**	0.63	0.46	0.40	0.32	0.27	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_956	3.92	5.15	6.06	6.56	6.85	7.44	7.99	7.82	8.01	6.34	6.79	5.77	**11.21**	9.16	6.67	9.04	7.39	7.91	7.74	6.32
NC_957	2.69	2.93	3.26	3.42	3.24	2.91	3.31	**3.53**	3.33	2.43	2.08	1.64	1.41	1.43	0.98	0.94	0.72	0.74	0.75	0.53
NC_958	0.39	0.43	0.54	0.57	0.53	0.49	0.59	**0.65**	0.61	0.45	0.39	0.31	0.27	0.27	0.19	0.18	0.14	0.14	0.14	0.10
NC_959	2.04	2.21	2.38	**2.51**	2.38	2.11	2.35	2.46	2.30	1.64	1.41	1.07	0.93	0.93	0.63	0.61	0.47	0.48	0.49	0.35
NC_960	9.16	11.63	13.22	13.54	13.01	13.30	14.85	15.25	**15.56**	12.03	11.42	9.87	13.68	9.97	8.42	10.73	9.35	9.91	9.77	7.76
NC_961	1.12	1.25	1.35	1.46	1.38	1.22	1.44	**1.56**	1.42	1.06	0.91	0.73	0.63	0.63	0.44	0.42	0.32	0.33	0.33	0.24
NC_962	0.37	0.42	0.51	0.54	0.51	0.47	0.56	**0.62**	0.59	0.43	0.37	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_963	1.43	1.59	1.66	**1.80**	1.70	1.47	1.70	1.80	1.61	1.16	1.00	0.76	0.66	0.66	0.45	0.43	0.33	0.34	0.34	0.24
NC_964	4.16	6.10	7.73	8.99	9.84	11.29	**12.21**	11.99	12.15	9.63	10.60	9.05	7.94	8.17	6.19	6.08	5.38	4.91	6.29	3.48
NC_965	0.56	0.76	0.87	0.91	0.88	0.93	1.04	1.11	**1.14**	0.87	0.76	0.65	0.55	0.56	0.39	0.38	0.29	0.29	0.30	0.21
NC_966	0.60	0.68	0.71	0.79	0.74	0.63	0.76	**0.82**	0.72	0.52	0.44	0.34	0.30	0.30	0.20	0.19	0.15	0.15	0.15	0.11
NC_967	8.26	10.82	12.62	13.32	13.10	13.58	15.00	15.08	**15.43**	11.99	11.70	10.03	13.65	10.01	8.46	10.95	9.50	10.07	9.93	7.87
NC_968	1.06	1.35	1.54	1.57	1.49	1.54	1.75	1.86	**1.90**	1.44	1.25	1.07	0.91	0.93	0.65	0.63	0.48	0.49	0.50	0.35
NC_969	0.12	0.21	0.27	0.30	0.33	0.41	0.44	0.49	2.73	3.85	3.83	3.50	**7.06**	6.33	4.15	5.66	4.52	4.98	4.76	4.22
NC_970	2.30	2.89	3.17	3.21	3.07	2.95	3.25	3.25	**3.31**	2.47	2.08	1.68	1.45	1.47	1.00	0.96	0.74	0.76	0.77	0.54
NC_971	3.68	4.35	5.38	6.98	7.92	9.39	**9.99**	9.71	9.61	7.71	7.94	6.57	5.45	4.64	4.08	4.10	3.44	3.52	3.58	2.64
NC_972	3.99	4.53	5.01	**5.14**	4.89	4.50	4.97	5.14	5.07	3.63	3.09	2.42	2.09	2.10	1.43	1.38	1.06	1.08	1.10	0.78
NC_973	8.64	11.04	13.00	14.76	16.45	20.01	22.84	25.71	**26.65**	26.16	25.53	25.58	24.88	22.27	19.52	23.07	22.11	22.98	26.06	19.02
NC_974	13.38	18.14	21.91	24.30	25.85	30.00	34.58	40.27	**42.06**	39.54	36.69	39.27	35.89	32.85	26.14	28.77	25.05	25.72	27.45	18.73
NC_975	1.17	1.29	1.27	**1.39**	1.32	1.12	1.25	1.29	1.16	0.80	0.69	0.51	0.44	0.44	0.30	0.29	0.22	0.23	0.23	0.16
NC_976	13.36	18.10	21.85	24.21	25.73	29.79	34.57	40.11	**41.86**	39.27	36.37	39.01	35.68	32.69	25.99	28.51	24.76	25.42	27.14	18.52
NC_977	13.15	17.79	21.44	23.68	25.14	29.01	34.50	39.57	**41.31**	38.44	35.45	38.27	34.93	32.22	25.51	27.67	23.87	24.51	26.22	17.86
NC_978	21.40	29.11	35.25	39.70	43.11	51.02	57.21	66.57	**69.23**	66.16	62.67	65.50	61.54	56.06	45.65	51.25	48.28	49.33	54.66	38.17
NC_979	21.57	29.38	35.69	40.56	44.55	52.81	57.67	67.59	**70.56**	67.89	64.55	66.92	63.11	58.19	48.05	52.84	50.06	51.16	56.51	39.49
NC_980	17.87	24.72	30.39	35.09	38.91	47.61	53.46	54.39	**55.38**	47.94	47.52	45.45	40.50	36.73	29.83	31.98	26.77	27.48	27.97	20.07
NC_981	37.29	51.59	63.32	73.03	81.15	100.86	115.95	122.42	**127.12**	118.87	111.68	116.85	110.80	99.99	84.25	93.14	84.21	86.18	92.13	64.68
NC_982	12.51	17.17	23.54	28.77	32.69	40.90	45.86	45.88	**46.59**	37.89	39.22	35.50	32.10	31.90	23.99	23.92	18.94	19.55	19.61	13.78
NC_983	12.40	17.09	23.29	28.41	32.30	40.59	46.09	46.52	**47.25**	39.03	39.71	36.76	33.36	32.15	24.63	25.02	19.85	20.48	20.55	14.45
NC_984	1.90	2.07	2.11	**2.25**	2.14	1.85	2.03	2.08	1.93	1.34	1.15	0.85	0.74	0.74	0.50	0.48	0.37	0.38	0.38	0.27
NC_985	0.90	1.04	1.00	**1.12**	1.06	0.87	1.04	1.10	0.98	0.67	0.58	0.43	0.37	0.37	0.25	0.24	0.19	0.19	0.20	0.14
NC_986	2.61	3.42	3.87	3.96	3.80	3.77	4.23	4.28	**4.35**	3.36	2.83	2.36	2.03	2.06	1.42	1.37	1.05	1.07	1.09	0.77
NC_987	0.50	0.56	0.60	0.67	0.63	0.54	0.66	**0.71**	0.62	0.45	0.39	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.09
NC_988	0.70	0.80	0.77	**0.88**	0.83	0.68	0.82	0.86	0.77	0.52	0.45	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_989	4.35	4.74	5.06	**5.29**	5.03	4.47	4.88	5.02	4.73	3.35	2.86	2.15	1.86	1.86	1.26	1.21	0.93	0.96	0.97	0.69
NC_990	7.88	15.58	22.63	27.93	31.06	36.20	39.63	39.19	**39.91**	30.37	32.05	27.16	23.81	24.65	17.40	16.79	13.48	13.27	13.79	9.55
NC_991	0.55	0.64	0.61	**0.70**	0.66	0.54	0.65	0.68	0.61	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_992	2.36	2.77	3.03	3.17	3.23	3.37	**4.06**	3.79	3.76	3.01	3.00	2.68	2.39	2.44	1.93	1.89	1.54	1.57	1.59	1.14
NC_993	1.41	1.56	1.61	**1.73**	1.64	1.42	1.60	1.66	1.53	1.07	0.91	0.69	0.59	0.59	0.40	0.39	0.30	0.30	0.31	0.22
NC_994	1.06	1.18	1.19	**1.31**	1.24	1.05	1.22	1.28	1.15	0.80	0.69	0.51	0.44	0.44	0.30	0.29	0.22	0.23	0.23	0.16
NC_995	1.61	1.78	1.83	**1.96**	1.86	1.61	1.81	1.87	1.72	1.20	1.03	0.77	0.67	0.67	0.45	0.44	0.34	0.34	0.35	0.25
NC_996	1.54	1.69	1.71	**1.84**	1.75	1.50	1.67	1.73	1.60	1.10	0.94	0.70	0.61	0.61	0.41	0.39	0.30	0.31	0.31	0.22
NC_997	4.58	5.29	5.88	6.00	5.71	5.35	6.03	**6.32**	6.31	4.64	4.04	3.36	2.91	2.94	2.01	1.94	1.49	1.52	1.54	1.09
NC_998	0.64	0.74	0.69	**0.78**	0.74	0.61	0.71	0.74	0.67	0.43	0.37	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_999	1.34	1.50	1.48	**1.63**	1.54	1.29	1.48	1.54	1.37	0.95	0.82	0.61	0.52	0.52	0.36	0.34	0.26	0.27	0.27	0.19
NC_1000	2.40	2.99	3.37	3.46	3.46	3.60	3.92	4.01	**4.07**	3.19	2.89	2.49	2.17	2.23	1.57	1.51	1.17	1.19	1.21	0.86
NC_1001	2.03	2.31	2.63	2.69	2.56	2.51	2.85	**3.07**	3.07	2.34	2.05	1.77	1.51	1.55	1.07	1.03	0.79	0.81	0.82	0.58
NC_1002	1.25	1.40	1.36	**1.51**	1.43	1.19	1.37	1.43	1.28	0.88	0.75	0.56	0.48	0.48	0.33	0.32	0.24	0.25	0.25	0.18
NC_1003	0.98	1.09	1.13	**1.24**	1.17	1.00	1.16	1.22	1.10	0.77	0.66	0.50	0.43	0.43	0.29	0.28	0.22	0.22	0.22	0.16
NC_1004	1.22	1.34	1.53	1.61	1.52	1.37	1.57	**1.69**	1.59	1.16	0.99	0.78	0.67	0.68	0.46	0.44	0.34	0.35	0.35	0.25
NC_1005	6.22	7.39	8.15	8.29	7.90	7.45	8.30	8.57	**8.63**	6.34	5.51	4.55	3.93	3.98	2.73	2.63	2.02	2.06	2.09	1.48
NC_1006	0.70	0.82	0.75	**0.86**	0.81	0.67	0.79	0.82	0.74	0.48	0.42	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_1007	12.21	15.49	17.45	17.71	16.94	16.44	18.17	18.25	**18.62**	13.88	12.10	9.99	8.65	8.84	6.02	5.79	4.45	4.55	4.61	3.27
NC_1008	2.36	2.56	2.75	**2.84**	2.70	2.42	2.61	2.67	2.55	1.79	1.53	1.15	1.00	1.00	0.68	0.65	0.50	0.51	0.52	0.37
NC_1009	0.74	0.84	0.83	0.94	0.88	0.73	0.88	**0.94**	0.83	0.58	0.50	0.38	0.33	0.33	0.22	0.21	0.16	0.17	0.17	0.12
NC_1010	1.56	1.71	1.92	**1.97**	1.87	1.72	1.88	1.96	1.89	1.36	1.16	0.90	0.77	0.78	0.53	0.51	0.39	0.40	0.40	0.29
NC_1011	0.54	0.62	0.61	**0.69**	0.65	0.54	0.65	0.69	0.61	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_1012	0.37	0.40	0.48	0.52	0.49	0.44	0.53	**0.58**	0.53	0.39	0.33	0.26	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_1013	0.83	0.97	1.17	1.21	1.14	1.07	1.28	**1.42**	1.37	1.02	0.87	0.71	0.61	0.62	0.42	0.41	0.31	0.32	0.32	0.22
NC_1014	1.19	1.47	1.71	1.75	1.65	1.59	1.89	**2.06**	2.06	1.53	1.31	1.08	0.92	0.94	0.64	0.62	0.47	0.48	0.49	0.34
NC_1015	5.25	9.16	12.76	15.83	18.35	24.10	28.04	29.54	**30.38**	26.65	26.48	25.77	23.04	21.15	17.06	17.61	14.63	14.87	16.40	12.01
NC_1016	3.67	5.26	6.50	7.16	7.24	7.70	8.54	8.55	**8.88**	6.80	6.58	5.56	4.75	4.98	3.54	3.42	2.62	2.68	2.72	1.90
NC_1017	4.72	8.59	11.88	14.63	16.81	21.52	24.34	24.86	**25.41**	21.62	22.27	20.68	18.36	17.32	13.64	13.93	11.55	11.67	13.15	9.74
NC_1018	1.77	2.18	2.68	3.03	3.31	4.94	6.04	6.03	**6.21**	5.03	5.15	4.82	4.15	4.05	3.27	3.36	2.98	3.04	3.15	2.30
NC_1019	0.56	0.72	0.83	0.86	0.83	0.87	0.97	0.99	**1.02**	0.79	0.71	0.60	0.51	0.53	0.37	0.36	0.28	0.28	0.29	0.22
NC_1020	4.97	8.91	12.11	14.69	16.62	20.40	22.35	22.13	**22.50**	18.39	19.74	17.39	15.36	15.09	11.69	11.65	9.62	9.56	11.02	8.23

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1021	1.57	2.08	2.41	2.49	2.39	2.44	2.76	2.83	**2.90**	2.21	1.97	1.65	1.41	1.45	1.01	0.98	0.75	0.76	0.78	0.57
NC_1022	0.57	0.86	1.10	1.27	1.31	1.42	1.56	1.54	**1.61**	1.23	1.24	1.05	0.89	0.93	0.67	0.65	0.50	0.51	0.52	0.36
NC_1023	4.99	9.02	12.35	15.07	17.16	21.43	23.70	23.63	**24.07**	19.92	21.11	18.82	16.68	16.27	12.64	12.65	10.47	10.43	11.90	8.87
NC_1024	6.15	9.06	11.49	13.29	14.41	16.51	**17.90**	17.58	17.88	14.15	15.34	13.20	11.55	11.74	8.91	8.77	7.42	7.10	8.51	5.02
NC_1025	3.57	4.78	5.55	5.74	5.45	5.45	6.34	6.67	**6.80**	5.09	4.49	3.75	3.21	3.33	2.29	2.20	1.68	1.72	1.74	1.21
NC_1026	1.35	1.77	2.06	2.12	2.01	2.04	2.36	2.55	**2.57**	1.92	1.68	1.41	1.21	1.24	0.85	0.82	0.62	0.64	0.65	0.45
NC_1027	2.34	3.06	3.52	3.63	3.44	3.37	3.95	4.16	**4.23**	3.15	2.77	2.32	1.98	2.04	1.41	1.35	1.03	1.06	1.07	0.75
NC_1028	0.51	0.58	0.63	0.69	0.65	0.56	0.68	**0.74**	0.66	0.48	0.41	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_1029	0.48	0.54	0.57	0.63	0.60	0.51	0.61	**0.66**	0.58	0.42	0.36	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_1030	0.29	0.34	0.31	**0.36**	0.34	0.28	0.33	0.35	0.32	0.20	0.17	0.13	0.11	0.11	0.07	0.07	0.05	0.06	0.06	0.04
NC_1031	0.30	0.39	0.45	0.46	0.43	0.42	0.50	**0.55**	0.55	0.41	0.34	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_1032	0.65	0.76	0.90	0.92	0.87	0.85	0.98	**1.10**	1.08	0.81	0.70	0.58	0.50	0.51	0.35	0.34	0.26	0.26	0.27	0.19
NC_1033	0.72	1.08	1.38	1.59	1.62	1.74	1.93	1.90	**1.98**	1.52	1.51	1.28	1.08	1.13	0.80	0.78	0.60	0.61	0.62	0.43
NC_1034	1.09	1.60	2.06	2.42	2.67	3.09	**3.30**	3.24	3.25	2.73	2.99	2.57	2.29	2.36	1.81	1.79	2.37	1.87	2.78	1.32
NC_1035	0.46	0.52	0.53	0.60	0.56	0.47	0.58	**0.61**	0.54	0.38	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1036	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.97	0.95	0.62	**1.47**	1.33	1.40	0.70
NC_1037	0.81	1.19	1.49	1.62	1.63	1.72	1.92	1.91	**1.99**	1.53	1.44	1.24	1.05	1.09	0.77	0.74	0.57	0.58	0.59	0.41
NC_1038	0.58	0.87	1.12	1.31	1.37	1.48	1.62	1.59	**1.66**	1.27	1.31	1.10	0.93	0.97	0.70	0.68	0.52	0.53	0.54	0.38
NC_1039	0.72	1.05	1.32	1.52	1.65	1.89	2.03	1.99	2.01	1.62	1.77	1.53	1.35	1.36	1.06	1.03	1.93	1.46	**2.16**	1.03
NC_1040	0.24	0.27	0.32	0.35	0.33	0.29	0.35	**0.38**	0.35	0.25	0.22	0.17	0.14	0.15	0.10	0.09	0.07	0.07	0.07	0.05
NC_1041	0.72	1.06	1.33	1.53	1.67	1.94	2.08	2.05	2.07	1.69	1.81	1.59	1.41	1.39	1.09	1.08	1.95	1.48	**2.20**	1.05
NC_1042	0.54	0.63	0.74	0.75	0.71	0.67	0.78	**0.84**	0.82	0.60	0.51	0.41	0.35	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_1043	1.13	1.65	2.07	2.32	2.40	2.57	2.83	2.80	**2.91**	2.24	2.23	1.89	1.61	1.65	1.20	1.17	0.89	0.93	0.95	0.67
NC_1044	2.06	3.06	3.90	4.55	4.98	5.85	6.36	6.26	**6.37**	5.09	5.37	4.63	4.04	3.97	3.04	3.02	2.38	2.43	2.52	1.85
NC_1045	12.05	16.18	19.31	21.08	22.52	28.66	34.64	39.17	**40.95**	37.21	34.71	36.74	33.15	30.30	24.27	25.94	22.14	22.62	24.34	16.93
NC_1046	5.44	7.98	10.12	11.71	12.77	15.04	**16.30**	16.03	16.27	13.47	14.51	12.69	11.19	11.28	8.68	8.66	6.82	6.99	7.12	5.08
NC_1047	5.71	8.34	10.56	12.28	13.49	16.17	17.67	17.54	**17.85**	15.00	15.79	14.10	12.55	12.34	9.66	9.71	7.73	7.92	8.07	5.75
NC_1048	4.46	5.80	6.68	6.86	6.67	6.90	7.65	7.75	**7.99**	6.19	6.39	5.50	4.69	4.94	3.67	3.63	2.86	2.92	2.96	2.09
NC_1049	2.34	3.19	3.82	4.13	4.34	4.90	5.15	5.10	**5.31**	4.60	4.83	4.15	3.78	3.82	2.95	2.98	2.45	2.51	2.55	1.81
NC_1050	1.69	2.26	2.70	3.05	3.41	4.00	4.20	4.18	**4.25**	3.81	3.87	3.43	3.11	3.05	2.40	2.43	2.00	2.05	2.08	1.48
NC_1051	0.31	0.36	0.33	**0.39**	0.37	0.30	0.36	0.38	0.34	0.22	0.19	0.14	0.12	0.12	0.08	0.08	0.06	0.06	0.06	0.04
NC_1052	3.36	4.39	5.01	5.16	5.11	5.54	5.99	6.02	**6.25**	4.87	5.34	4.54	3.88	4.11	3.08	3.03	2.39	2.45	2.48	1.75
NC_1053	1.02	1.10	1.20	**1.25**	1.19	1.06	1.15	1.19	1.11	0.80	0.68	0.51	0.44	0.44	0.30	0.29	0.22	0.23	0.23	0.17
NC_1054	1.54	2.05	2.43	2.64	2.77	3.02	**3.18**	3.13	3.14	2.66	2.73	2.43	2.15	2.14	1.65	1.66	1.35	1.38	1.41	1.00
NC_1055	0.70	0.81	0.75	**0.86**	0.81	0.67	0.79	0.82	0.74	0.49	0.42	0.31	0.27	0.27	0.18	0.17	0.13	0.14	0.14	0.10
NC_1056	1.02	1.16	1.09	**1.21**	1.15	0.97	1.08	1.12	1.00	0.66	0.57	0.42	0.36	0.36	0.25	0.24	0.18	0.19	0.19	0.14
NC_1057	0.56	0.66	0.62	**0.68**	0.64	0.55	0.61	0.63	0.57	0.36	0.31	0.23	0.20	0.20	0.13	0.13	0.10	0.10	0.10	0.07
NC_1058	1.54	2.08	2.50	2.77	3.00	3.56	3.75	3.77	**3.82**	3.35	3.38	3.03	2.73	2.66	2.11	2.13	1.74	1.78	1.81	1.29
NC_1059	1.12	1.65	2.10	2.46	2.72	3.31	3.59	3.54	**3.60**	2.94	3.06	2.64	2.32	2.27	1.77	1.75	1.38	1.41	1.43	1.00
NC_1060	1.19	1.29	1.39	**1.46**	1.39	1.24	1.35	1.38	1.29	0.93	0.79	0.60	0.52	0.53	0.36	0.36	0.27	0.28	0.32	0.25
NC_1061	1.80	2.32	2.70	2.91	4.10	4.87	5.46	5.33	**5.65**	3.40	4.01	2.79	2.54	2.51	1.98	1.98	1.64	1.68	1.70	1.21
NC_1062	1.74	2.68	3.15	3.30	3.73	5.19	**5.71**	5.51	5.48	4.14	4.33	3.61	3.34	3.31	2.62	2.65	2.20	2.28	2.33	2.13
NC_1063	0.95	1.27	1.43	1.47	1.41	1.41	1.59	1.62	**1.65**	1.27	1.07	0.89	0.77	0.78	0.53	0.51	0.39	0.40	0.41	0.29
NC_1064	6.14	7.95	9.20	9.60	9.39	9.42	**10.31**	10.19	10.27	7.91	6.94	5.81	5.01	5.07	3.58	3.46	2.66	2.72	2.76	1.97
NC_1065	0.92	1.27	1.53	1.63	1.62	1.67	1.83	1.82	**1.86**	1.44	1.28	1.08	0.92	0.94	0.66	0.63	0.48	0.50	0.50	0.35
NC_1066	2.12	2.31	2.58	**2.67**	2.53	2.30	2.54	2.67	2.55	1.83	1.56	1.21	1.04	1.05	0.71	0.69	0.53	0.54	0.55	0.39
NC_1067	0.59	0.68	0.65	**0.74**	0.70	0.57	0.70	0.73	0.65	0.44	0.38	0.28	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_1068	0.84	0.93	1.01	1.09	1.03	0.90	1.04	**1.10**	1.00	0.71	0.61	0.46	0.40	0.40	0.27	0.26	0.20	0.20	0.21	0.15
NC_1069	0.81	0.94	0.88	**0.98**	0.92	0.78	0.88	0.92	0.85	0.54	0.47	0.34	0.30	0.30	0.20	0.19	0.15	0.15	0.15	0.11
NC_1070	1.19	1.34	1.29	**1.42**	1.34	1.14	1.27	1.31	1.21	0.80	0.69	0.51	0.44	0.44	0.30	0.29	0.22	0.23	0.23	0.16
NC_1071	0.44	0.51	0.48	**0.54**	0.51	0.43	0.49	0.51	0.46	0.29	0.25	0.19	0.16	0.16	0.11	0.10	0.08	0.08	0.08	0.06
NC_1072	0.58	0.66	0.67	0.75	0.71	0.60	0.72	**0.77**	0.68	0.48	0.41	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_1073	4.39	4.82	5.18	**5.39**	5.13	4.59	5.01	5.17	4.90	3.48	2.97	2.25	1.95	1.95	1.32	1.28	0.98	1.00	1.02	0.72
NC_1074	6.22	7.25	7.95	**8.04**	7.67	7.16	7.70	7.77	7.83	5.60	4.74	3.69	3.19	3.21	2.17	2.09	1.61	1.65	1.67	1.19
NC_1075	2.29	2.55	2.64	**2.87**	2.71	2.33	2.69	2.83	2.57	1.81	1.55	1.18	1.02	1.02	0.69	0.66	0.51	0.52	0.53	0.37
NC_1076	0.36	0.40	0.46	0.50	0.47	0.42	0.51	**0.55**	0.50	0.36	0.31	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.08
NC_1077	0.24	0.28	0.30	0.33	0.31	0.27	0.33	**0.35**	0.31	0.22	0.19	0.14	0.12	0.12	0.08	0.08	0.06	0.06	0.06	0.04
NC_1078	1.61	1.74	1.93	**1.98**	1.89	1.72	1.86	1.91	1.83	1.31	1.11	0.85	0.73	0.73	0.50	0.48	0.37	0.38	0.38	0.27
NC_1079	2.12	2.64	2.93	2.96	2.83	2.76	3.07	3.14	**3.15**	2.40	2.01	1.67	1.44	1.45	1.01	0.97	0.75	0.76	0.77	0.55
NC_1080	0.44	0.52	0.48	**0.54**	0.51	0.43	0.49	0.51	0.46	0.29	0.25	0.18	0.16	0.16	0.11	0.10	0.08	0.08	0.08	0.06
NC_1081	0.73	0.97	1.11	1.17	1.17	1.23	1.36	1.42	**1.46**	1.13	1.00	0.86	0.74	0.76	0.53	0.51	0.39	0.40	0.41	0.28
NC_1082	0.95	1.06	1.24	1.26	1.20	1.12	1.26	**1.35**	1.30	0.96	0.81	0.65	0.56	0.56	0.39	0.37	0.28	0.29	0.30	0.21
NC_1083	0.39	0.44	0.47	0.53	0.50	0.42	0.52	**0.55**	0.48	0.35	0.30	0.23	0.20	0.20	0.14	0.13	0.10	0.10	0.10	0.07
NC_1084	0.64	0.70	0.83	0.90	0.84	0.76	0.92	**1.02**	0.94	0.70	0.60	0.49	0.42	0.43	0.30	0.28	0.22	0.22	0.23	0.16
NC_1085	0.73	0.99	1.14	1.19	1.19	1.24	1.37	1.41	**1.46**	1.14	1.00	0.85	0.73	0.75	0.52	0.50	0.38	0.39	0.40	0.28
NC_1086	0.43	0.50	0.50	0.57	0.53	0.44	0.54	**0.58**	0.51	0.36	0.30	0.23	0.20	0.20	0.14	0.13	0.10	0.10	0.10	0.07
NC_1087	1.67	1.98	2.27	2.52	2.63	2.83	3.08	3.00	**3.11**	2.46	2.50	2.11	1.81	1.89	1.37	1.33	1.02	1.05	1.06	0.75
NC_1088	1.20	1.30	1.47	1.54	1.46	1.32	1.51	**1.62**	1.53	1.13	0.96	0.76	0.66	0.66	0.45	0.44	0.33	0.34	0.35	0.25
NC_1089	0.71	0.78	0.92	0.95	0.90	0.84	0.96	**1.04**	1.00	0.75	0.63	0.51	0.44	0.45	0.30	0.29	0.22	0.23	0.23	0.16
NC_1090	0.47	0.54	0.56	0.63	0.59	0.50	0.61	**0.65**	0.57	0.41	0.35	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.08
NC_1091	1.87	2.01	2.27	2.35	2.23	2.04	2.28	**2.43**	2.32	1.70	1.44	1.14	0.99	1.00	0.68	0.66	0.50	0.51	0.52	0.37
NC_1092	6.51	9.32	11.66	13.55	14.97	17.98	19.97	20.03	**20.34**	17.10	17.17	15.41	13.66	12.60	10.13	10.24	8.36	8.56	8.68	6.11
NC_1093	1.74	2.24	2.60	2.77	2.90	3.15	3.40	3.34	**3.46**	2.72	2.79	2.37	2.04	2.13	1.55	1.51	1.16	1.19	1.21	0.85

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1094	1.79	2.24	2.47	2.51	2.39	2.31	2.59	2.64	**2.67**	2.02	1.72	1.42	1.23	1.25	0.85	0.82	0.63	0.64	0.65	0.46
NC_1095	1.98	2.17	2.42	2.51	2.38	2.18	2.44	**2.58**	2.48	1.81	1.54	1.22	1.06	1.07	0.73	0.70	0.54	0.55	0.56	0.40
NC_1096	0.68	0.83	0.97	0.99	0.94	1.00	1.11	**1.24**	1.24	0.94	0.82	0.70	0.60	0.61	0.43	0.41	0.31	0.32	0.33	0.23
NC_1097	0.65	0.95	1.16	1.24	1.25	1.32	1.48	1.48	**1.54**	1.19	1.11	0.96	0.81	0.84	0.60	0.58	0.44	0.45	0.46	0.32
NC_1098	0.77	0.84	0.91	**0.95**	0.91	0.81	0.89	0.93	0.87	0.62	0.53	0.40	0.35	0.35	0.23	0.23	0.17	0.18	0.18	0.13
NC_1099	0.83	0.90	1.04	1.07	1.02	0.93	1.04	**1.09**	1.04	0.76	0.64	0.50	0.43	0.43	0.29	0.28	0.22	0.22	0.22	0.16
NC_1100	6.42	9.18	11.50	13.37	14.78	17.83	19.93	20.10	**20.43**	17.32	17.23	15.70	13.83	12.69	10.23	10.47	8.58	8.78	8.90	6.27
NC_1101	4.72	6.60	8.14	9.32	10.07	11.15	**11.94**	11.63	11.65	9.28	9.34	7.83	6.78	6.88	5.19	5.05	3.90	4.04	4.04	2.86
NC_1102	54.62	75.08	94.79	111.56	126.45	162.19	186.31	198.10	**203.58**	185.15	175.87	181.23	173.71	162.32	134.05	147.95	128.70	132.86	139.92	98.63
NC_1103	1.72	1.85	2.08	**2.13**	2.03	1.85	2.01	2.09	1.99	1.44	1.21	0.94	0.81	0.81	0.55	0.53	0.41	0.42	0.42	0.30
NC_1104	0.85	0.93	0.99	**1.03**	0.98	0.87	0.93	0.95	0.91	0.63	0.54	0.40	0.35	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_1105	0.50	0.69	0.84	0.94	1.61	4.55	5.88	6.33	6.58	6.17	5.79	6.42	7.54	**7.73**	5.31	5.64	4.42	4.52	4.58	3.30
NC_1106	54.38	74.62	94.05	110.75	125.08	158.72	181.57	192.15	**197.23**	178.76	170.47	174.99	167.20	156.59	129.51	142.42	124.02	127.84	134.82	95.01
NC_1107	4.33	5.94	7.20	8.04	8.47	8.91	**9.65**	9.42	9.49	7.40	7.27	6.00	5.18	5.38	3.88	3.76	2.89	2.96	3.00	2.12
NC_1108	0.81	0.88	0.93	**0.98**	0.93	0.82	0.90	0.93	0.87	0.61	0.52	0.39	0.34	0.34	0.23	0.22	0.17	0.17	0.18	0.13
NC_1109	6.59	7.96	8.84	9.01	8.59	8.22	9.31	9.68	**9.78**	7.35	6.66	5.71	4.87	5.09	3.62	3.53	2.72	2.78	2.82	2.00
NC_1110	5.05	6.60	7.65	7.93	7.74	7.93	8.81	8.89	**9.10**	6.99	6.58	5.66	4.88	5.05	3.64	3.54	2.73	2.79	2.83	2.00
NC_1111	1.35	1.48	1.62	1.72	1.63	1.45	1.68	**1.79**	1.65	1.22	1.04	0.83	0.71	0.72	0.49	0.48	0.37	0.37	0.38	0.27
NC_1112	62.50	86.46	106.98	124.94	141.22	180.63	207.00	220.66	**226.79**	206.58	196.73	201.30	192.67	179.98	148.17	164.48	141.87	147.05	154.30	108.76
NC_1113	57.26	82.92	104.09	121.92	137.41	175.81	202.50	220.68	**228.30**	211.16	199.33	205.87	197.71	180.48	149.85	169.76	148.09	153.46	161.25	114.03
NC_1114	57.11	82.69	103.79	121.56	136.95	175.22	201.89	220.29	**228.27**	211.54	199.74	206.14	197.97	180.01	149.25	169.99	148.52	153.92	161.93	114.51
NC_1115	1.33	1.47	1.50	**1.64**	1.55	1.32	1.52	1.59	1.42	1.00	0.86	0.64	0.56	0.56	0.38	0.36	0.28	0.29	0.29	0.21
NC_1116	1.59	1.75	1.83	**1.95**	1.85	1.62	1.81	1.89	1.74	1.23	1.05	0.79	0.69	0.69	0.46	0.45	0.34	0.35	0.36	0.25
NC_1117	2.58	3.13	3.48	3.51	3.34	3.21	3.56	3.65	**3.70**	2.76	2.31	1.88	1.62	1.63	1.12	1.08	0.83	0.85	0.86	0.61
NC_1118	0.50	0.59	0.55	**0.60**	0.57	0.49	0.55	0.57	0.52	0.32	0.28	0.20	0.18	0.18	0.12	0.12	0.09	0.09	0.09	0.07
NC_1119	12.65	15.95	17.77	18.00	17.22	16.62	18.04	17.79	**18.17**	13.47	11.49	9.23	7.99	8.08	5.48	5.27	4.06	4.15	4.20	2.99
NC_1120	1.93	2.10	2.42	2.44	2.33	2.19	2.38	**2.48**	2.39	1.77	1.48	1.17	1.01	1.02	0.70	0.67	0.52	0.53	0.54	0.38
NC_1121	15.12	20.00	23.58	25.36	25.57	26.51	28.97	28.68	**29.16**	22.88	24.72	22.32	20.04	20.83	16.52	16.91	13.58	13.92	14.19	10.10
NC_1122	0.56	0.66	0.60	**0.69**	0.65	0.54	0.63	0.66	0.60	0.39	0.33	0.24	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_1123	1.64	1.82	1.89	**2.02**	1.92	1.67	1.88	1.96	1.80	1.27	1.09	0.82	0.71	0.71	0.48	0.47	0.36	0.37	0.37	0.26
NC_1124	15.33	19.98	23.23	24.41	24.06	24.74	27.26	27.20	**27.81**	21.93	23.60	21.19	18.98	19.88	15.73	16.06	12.85	13.17	13.42	9.56
NC_1125	15.74	20.39	23.58	24.51	24.05	24.64	27.23	27.25	**27.89**	21.87	23.59	21.10	18.93	20.03	15.74	15.97	12.78	13.09	13.35	9.51
NC_1126	0.68	0.78	0.76	**0.86**	0.81	0.67	0.81	0.86	0.76	0.52	0.45	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_1127	2.12	2.29	2.37	**2.49**	2.37	2.08	2.24	2.29	2.13	1.50	1.28	0.96	0.83	0.83	0.56	0.54	0.42	0.43	0.43	0.31
NC_1128	1.31	1.46	1.44	**1.59**	1.50	1.27	1.45	1.51	1.36	0.94	0.80	0.60	0.52	0.52	0.35	0.34	0.26	0.27	0.27	0.19
NC_1129	2.64	2.89	3.12	**3.18**	3.03	2.76	2.93	2.97	2.89	2.04	1.74	1.32	1.14	1.15	0.78	0.75	0.58	0.59	0.60	0.43
NC_1130	3.95	4.43	4.88	**4.98**	4.75	4.37	4.75	4.86	4.79	3.42	2.91	2.25	1.95	1.95	1.33	1.28	0.99	1.01	1.02	0.73
NC_1131	3.08	4.86	6.38	7.58	8.53	10.64	11.96	12.15	**12.31**	10.46	10.35	9.57	8.45	7.86	6.18	6.51	5.27	5.39	5.54	3.96
NC_1132	1.15	1.31	1.27	**1.42**	1.34	1.12	1.32	1.39	1.23	0.86	0.74	0.56	0.48	0.48	0.33	0.32	0.24	0.25	0.25	0.18
NC_1133	4.33	4.88	5.44	**5.59**	5.31	4.89	5.40	5.58	5.44	3.92	3.32	2.58	2.24	2.24	1.52	1.46	1.12	1.15	1.16	0.83
NC_1134	2.28	2.49	2.66	**2.82**	2.67	2.35	2.63	2.75	2.55	1.81	1.54	1.17	1.01	1.01	0.69	0.66	0.51	0.52	0.53	0.37
NC_1135	0.54	0.62	0.61	0.69	0.65	0.54	0.65	**0.69**	0.62	0.42	0.36	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_1136	0.90	1.32	1.67	1.90	1.95	2.08	2.29	2.27	**2.36**	1.81	1.78	1.49	1.28	1.32	0.95	0.92	0.70	0.72	0.73	0.51
NC_1137	4.98	6.43	7.40	7.61	7.36	7.28	8.07	8.04	**8.14**	6.18	5.36	4.42	3.79	3.87	2.69	2.60	2.00	2.04	2.07	1.47
NC_1138	0.61	0.71	0.66	**0.76**	0.71	0.59	0.69	0.72	0.65	0.42	0.37	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_1139	1.62	1.80	1.80	**1.97**	1.87	1.58	1.80	1.87	1.66	1.17	1.01	0.75	0.65	0.65	0.44	0.42	0.33	0.33	0.34	0.24
NC_1140	1.09	1.17	1.32	1.37	1.31	1.18	1.32	**1.38**	1.29	0.94	0.79	0.62	0.53	0.53	0.36	0.35	0.27	0.28	0.28	0.20
NC_1141	3.17	5.35	6.92	7.77	8.05	8.66	9.56	9.61	**9.78**	7.44	7.31	6.08	5.17	5.35	3.80	3.77	2.83	2.89	3.01	2.14
NC_1142	3.01	5.03	6.56	7.48	7.88	8.70	9.55	9.54	**9.66**	7.40	7.42	6.21	5.29	5.42	3.79	3.84	2.95	3.01	3.13	2.23
NC_1143	1.00	1.12	1.13	**1.25**	1.18	0.99	1.16	1.23	1.10	0.77	0.66	0.50	0.43	0.43	0.29	0.28	0.22	0.22	0.22	0.16
NC_1144	3.04	5.07	6.63	7.64	8.20	9.39	**10.26**	10.19	10.23	7.92	8.16	6.80	5.84	5.92	4.29	4.32	3.31	3.38	3.51	2.50
NC_1145	3.20	5.11	6.69	7.75	8.42	9.84	**10.72**	10.62	10.63	8.28	8.64	7.18	6.20	6.34	4.61	4.63	3.55	3.63	3.75	2.67
NC_1146	0.68	0.79	0.74	**0.84**	0.80	0.65	0.78	0.81	0.73	0.48	0.41	0.31	0.27	0.26	0.18	0.17	0.13	0.14	0.14	0.10
NC_1147	0.75	0.82	0.87	**0.92**	0.87	0.77	0.85	0.88	0.81	0.57	0.49	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_1148	3.73	5.13	6.74	7.88	8.71	10.41	**11.31**	11.16	11.18	8.81	9.23	7.74	6.72	6.77	4.94	5.09	3.90	3.99	4.12	2.93
NC_1149	0.95	1.08	1.06	**1.18**	1.11	0.93	1.09	1.14	1.03	0.70	0.60	0.45	0.39	0.39	0.26	0.25	0.20	0.20	0.20	0.14
NC_1150	0.62	0.72	0.67	**0.77**	0.73	0.59	0.71	0.75	0.67	0.45	0.38	0.28	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_1151	1.56	1.76	2.00	2.02	1.92	1.80	1.98	**2.05**	2.03	1.47	1.24	0.97	0.84	0.84	0.57	0.55	0.42	0.43	0.44	0.31
NC_1152	1.82	2.09	2.37	2.39	2.28	2.14	2.36	**2.43**	2.42	1.76	1.48	1.17	1.01	1.01	0.69	0.66	0.51	0.52	0.53	0.37
NC_1153	1.86	2.14	2.43	2.46	2.34	2.20	2.42	**2.50**	2.48	1.81	1.52	1.20	1.04	1.04	0.71	0.68	0.52	0.53	0.54	0.38
NC_1154	1.82	2.08	2.01	**2.24**	2.12	1.77	2.06	2.16	1.95	1.32	1.14	0.85	0.73	0.73	0.50	0.48	0.37	0.38	0.38	0.27
NC_1155	2.74	3.16	3.57	3.58	3.42	3.26	3.58	**3.72**	3.68	2.74	2.29	1.85	1.60	1.61	1.10	1.06	0.82	0.84	0.85	0.60
NC_1156	2.89	3.38	3.69	**3.72**	3.55	3.33	3.55	3.55	3.59	2.58	2.18	1.70	1.47	1.47	1.00	0.96	0.74	0.76	0.77	0.55
NC_1157	2.90	3.72	4.18	4.27	4.08	4.01	4.49	4.54	**4.57**	3.50	2.96	2.46	2.11	2.14	1.48	1.43	1.10	1.12	1.14	0.81
NC_1158	5.01	6.58	7.70	8.09	7.92	7.96	8.74	8.61	**8.75**	6.68	5.90	4.88	4.20	4.28	3.00	2.89	2.22	2.28	2.31	1.64
NC_1159	5.02	6.63	7.77	8.24	8.10	8.16	**8.95**	8.79	8.93	6.84	6.07	5.03	4.33	4.43	3.10	2.99	2.30	2.35	2.38	1.69
NC_1160	5.00	6.66	7.88	8.48	8.47	8.61	**9.40**	9.21	9.31	7.18	6.50	5.36	4.61	4.73	3.34	3.23	2.48	2.53	2.57	1.82
NC_1161	2.01	2.30	2.69	2.92	3.02	3.28	3.61	3.65	**3.74**	2.98	2.90	2.49	2.11	2.20	1.58	1.52	1.17	1.20	1.22	0.85
NC_1162	0.74	0.84	0.86	0.95	0.90	0.76	0.91	**0.98**	0.86	0.62	0.53	0.41	0.35	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_1163	0.93	1.04	1.04	**1.15**	1.09	0.91	1.07	1.12	1.00	0.69	0.60	0.45	0.39	0.39	0.26	0.25	0.19	0.20	0.20	0.14
NC_1164	1.06	1.57	2.02	2.38	2.52	2.72	2.97	2.93	**3.02**	2.33	2.40	2.01	1.71	1.79	1.30	1.26	0.97	0.99	1.00	0.70
NC_1165	0.53	0.61	0.60	**0.68**	0.64	0.52	0.64	0.67	0.60	0.41	0.35	0.27	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_1166	1.19	1.36	1.26	**1.43**	1.35	1.13	1.29	1.34	1.20	0.80	0.69	0.51	0.44	0.44	0.30	0.29	0.22	0.23	0.23	0.17

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1167	2.48	3.12	3.54	3.76	3.85	4.19	4.57	4.53	**4.73**	3.71	3.77	3.21	2.71	2.86	2.08	2.02	1.56	1.59	1.62	1.13
NC_1168	6.32	8.85	10.89	12.39	13.24	14.31	**15.43**	15.06	15.15	11.97	11.85	9.85	8.49	8.65	6.41	6.22	4.80	4.91	4.98	3.51
NC_1169	0.83	1.24	1.57	1.87	2.11	2.62	2.89	2.90	**2.96**	2.54	2.61	2.44	2.21	2.10	1.57	1.65	1.38	1.42	1.47	1.03
NC_1170	0.50	0.71	0.92	1.15	1.33	1.66	**1.80**	1.77	1.79	1.51	1.62	1.43	1.28	1.28	0.91	0.96	0.78	0.80	0.82	0.58
NC_1171	0.35	0.39	0.48	0.51	0.48	0.44	0.53	**0.58**	0.55	0.41	0.35	0.28	0.24	0.24	0.17	0.16	0.12	0.12	0.13	0.09
NC_1172	0.46	0.63	0.72	0.75	0.72	0.76	0.86	0.92	**0.94**	0.71	0.61	0.52	0.45	0.45	0.31	0.30	0.23	0.23	0.24	0.17
NC_1173	1.51	2.07	2.49	2.76	2.99	3.60	3.91	4.04	**4.14**	3.69	3.65	3.58	3.28	3.09	2.38	2.47	2.12	2.18	2.24	1.59
NC_1174	0.82	0.93	0.91	**1.03**	0.97	0.81	0.97	1.02	0.91	0.63	0.54	0.41	0.35	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_1175	0.60	0.70	0.65	**0.74**	0.70	0.58	0.68	0.71	0.64	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_1176	0.90	1.31	1.64	1.76	1.77	1.86	2.08	2.08	**2.16**	1.67	1.55	1.33	1.13	1.17	0.82	0.80	0.61	0.62	0.63	0.44
NC_1177	6.21	8.73	10.78	12.31	13.25	14.76	**15.90**	15.53	15.59	12.41	12.37	10.40	9.03	9.03	6.85	6.67	5.16	5.28	5.35	3.77
NC_1178	1.42	2.01	2.50	2.85	3.10	3.76	4.11	4.22	**4.32**	3.89	3.83	3.79	3.46	3.24	2.51	2.63	2.26	2.33	2.40	1.70
NC_1179	0.35	0.39	0.46	0.50	0.47	0.42	0.51	**0.55**	0.50	0.37	0.31	0.25	0.21	0.21	0.15	0.14	0.11	0.11	0.11	0.08
NC_1180	0.58	0.68	0.63	**0.73**	0.68	0.56	0.67	0.70	0.63	0.42	0.36	0.26	0.23	0.23	0.16	0.15	0.11	0.12	0.12	0.08
NC_1181	1.25	1.41	1.63	1.64	1.56	1.48	1.64	**1.72**	1.68	1.25	1.05	0.84	0.73	0.73	0.50	0.48	0.37	0.38	0.38	0.27
NC_1182	1.50	1.99	2.26	2.33	2.23	2.24	2.52	2.57	**2.61**	2.00	1.71	1.44	1.23	1.25	0.87	0.84	0.64	0.66	0.67	0.47
NC_1183	1.22	1.69	2.03	2.18	2.22	2.40	2.63	2.63	**2.75**	2.12	2.16	1.83	1.56	1.62	1.18	1.16	0.89	0.91	0.92	0.64
NC_1184	0.68	0.75	0.84	**0.87**	0.82	0.75	0.82	0.85	0.81	0.58	0.49	0.37	0.32	0.32	0.22	0.21	0.16	0.17	0.17	0.12
NC_1185	0.72	1.06	1.34	1.54	1.63	1.78	1.94	1.91	**1.98**	1.53	1.61	1.36	1.16	1.20	0.88	0.86	0.66	0.68	0.69	0.48
NC_1186	0.38	0.43	0.48	0.52	0.49	0.43	0.52	**0.56**	0.50	0.36	0.31	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.08
NC_1187	1.54	2.18	2.71	3.10	3.36	3.98	4.31	4.42	**4.52**	4.09	4.04	3.99	3.65	3.45	2.70	2.79	2.40	2.48	2.54	1.80
NC_1188	1.51	2.19	2.73	3.12	3.27	3.53	3.86	3.83	**3.94**	3.05	3.19	2.67	2.30	2.38	1.75	1.72	1.32	1.35	1.37	0.96
NC_1189	0.57	0.66	0.64	**0.73**	0.68	0.56	0.68	0.72	0.64	0.44	0.38	0.28	0.24	0.24	0.17	0.16	0.12	0.12	0.13	0.09
NC_1190	5.06	6.82	8.10	8.71	8.69	8.92	9.78	9.66	**9.81**	7.59	6.89	5.76	4.95	5.06	3.60	3.48	2.68	2.74	2.78	1.97
NC_1191	1.24	1.42	1.32	**1.50**	1.41	1.17	1.36	1.42	1.27	0.85	0.74	0.54	0.47	0.47	0.32	0.31	0.24	0.24	0.25	0.18
NC_1192	3.07	3.46	3.90	4.03	3.82	3.53	3.97	**4.16**	4.03	2.95	2.49	1.98	1.71	1.73	1.17	1.13	0.87	0.89	0.90	0.64
NC_1193	3.43	4.55	5.35	5.57	5.46	5.51	6.05	5.97	**6.10**	4.69	4.14	3.46	2.96	3.04	2.12	2.05	1.57	1.61	1.63	1.16
NC_1194	16.93	21.21	23.90	24.36	23.43	22.84	25.10	25.08	**25.29**	19.19	16.61	13.73	11.88	12.09	8.46	8.16	6.28	6.42	6.54	4.73
NC_1195	1.89	2.05	2.17	**2.30**	2.18	1.92	2.11	2.20	2.04	1.44	1.23	0.93	0.80	0.80	0.54	0.52	0.40	0.41	0.42	0.30
NC_1196	1.51	1.65	1.73	**1.86**	1.76	1.53	1.72	1.79	1.62	1.15	0.98	0.73	0.64	0.64	0.43	0.41	0.32	0.33	0.33	0.23
NC_1197	0.72	0.83	0.78	**0.86**	0.81	0.69	0.78	0.80	0.73	0.47	0.40	0.29	0.26	0.25	0.17	0.17	0.13	0.13	0.13	0.10
NC_1198	0.94	1.08	1.01	**1.12**	1.06	0.90	1.01	1.05	0.95	0.62	0.53	0.39	0.34	0.34	0.23	0.22	0.17	0.17	0.18	0.13
NC_1199	9.56	11.41	12.60	12.76	12.22	11.74	12.98	**13.34**	13.22	10.12	8.65	7.30	6.30	6.42	4.50	4.33	3.34	3.41	3.49	2.56
NC_1200	0.95	1.09	1.01	**1.14**	1.08	0.91	1.03	1.07	0.96	0.63	0.54	0.40	0.35	0.34	0.23	0.23	0.17	0.18	0.18	0.13
NC_1201	7.93	9.38	10.38	10.51	10.07	9.71	10.73	**11.05**	10.93	8.48	7.25	6.13	5.29	5.39	3.79	3.65	2.81	2.87	2.94	2.17
NC_1202	1.15	1.32	1.24	**1.38**	1.30	1.10	1.24	1.29	1.16	0.77	0.67	0.49	0.43	0.42	0.29	0.28	0.21	0.22	0.22	0.16
NC_1203	1.77	1.93	2.11	2.22	2.10	1.88	2.13	**2.23**	2.10	1.53	1.30	1.01	0.88	0.88	0.60	0.58	0.45	0.46	0.46	0.33
NC_1204	2.03	2.20	2.35	**2.46**	2.34	2.07	2.26	2.34	2.19	1.55	1.32	0.99	0.86	0.86	0.58	0.56	0.43	0.44	0.45	0.32
NC_1205	1.46	1.63	1.59	**1.75**	1.66	1.39	1.58	1.64	1.47	1.01	0.87	0.64	0.56	0.56	0.38	0.36	0.28	0.29	0.29	0.21
NC_1206	0.59	0.69	0.65	**0.71**	0.67	0.57	0.64	0.66	0.60	0.38	0.33	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.08
NC_1207	1.25	1.40	1.33	**1.49**	1.41	1.18	1.33	1.38	1.23	0.83	0.72	0.53	0.46	0.46	0.31	0.30	0.23	0.23	0.24	0.17
NC_1208	0.86	0.99	0.92	**1.05**	0.99	0.82	0.96	1.00	0.90	0.60	0.51	0.38	0.33	0.33	0.22	0.21	0.17	0.17	0.17	0.12
NC_1209	1.59	1.75	1.79	**1.94**	1.84	1.58	1.80	1.88	1.70	1.20	1.03	0.78	0.67	0.67	0.46	0.44	0.34	0.35	0.35	0.25
NC_1210	1.03	1.11	1.29	1.35	1.27	1.16	1.35	**1.47**	1.39	1.04	0.89	0.72	0.62	0.63	0.43	0.42	0.32	0.33	0.33	0.23
NC_1211	2.94	3.22	3.37	**3.57**	3.39	2.97	3.30	3.41	3.18	2.24	1.92	1.45	1.25	1.25	0.85	0.82	0.63	0.64	0.65	0.46
NC_1212	1.73	1.89	1.91	**2.05**	1.95	1.67	1.84	1.89	1.73	1.19	1.03	0.76	0.66	0.66	0.44	0.43	0.33	0.34	0.34	0.24
NC_1213	0.53	0.61	0.61	0.69	0.65	0.54	0.65	**0.69**	0.61	0.43	0.36	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_1214	0.55	0.64	0.59	**0.68**	0.64	0.53	0.62	0.65	0.58	0.38	0.33	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.08
NC_1215	11.01	13.35	14.74	14.93	14.29	13.76	15.21	**15.58**	15.53	11.83	10.10	8.50	7.34	7.50	5.23	5.04	3.88	3.97	4.06	2.96
NC_1216	3.54	4.15	4.60	4.67	4.45	4.19	4.60	4.71	**4.72**	3.44	2.93	2.34	2.02	2.04	1.39	1.34	1.03	1.05	1.07	0.76
NC_1217	0.60	0.70	0.65	**0.74**	0.69	0.58	0.67	0.70	0.63	0.41	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.12	0.08
NC_1218	1.16	1.27	1.39	1.48	1.40	1.24	1.43	**1.51**	1.37	1.01	0.86	0.67	0.58	0.58	0.40	0.38	0.29	0.30	0.31	0.22
NC_1219	2.93	3.79	4.39	4.50	4.35	4.31	4.79	4.77	**4.86**	3.68	3.23	2.68	2.30	2.35	1.63	1.57	1.21	1.24	1.25	0.89
NC_1220	2.71	2.96	3.03	**3.25**	3.09	2.67	2.97	3.07	2.77	1.99	1.70	1.28	1.11	1.11	0.75	0.73	0.56	0.57	0.58	0.41
NC_1221	0.66	0.76	0.71	**0.80**	0.75	0.63	0.72	0.75	0.68	0.43	0.38	0.27	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_1222	2.32	2.55	2.75	**2.83**	2.70	2.43	2.62	2.68	2.57	1.81	1.55	1.17	1.01	1.01	0.69	0.66	0.51	0.52	0.53	0.38
NC_1223	1.20	1.36	1.29	**1.43**	1.35	1.14	1.28	1.32	1.19	0.80	0.69	0.50	0.44	0.44	0.30	0.28	0.22	0.22	0.23	0.16
NC_1224	0.79	0.90	0.90	1.01	0.95	0.80	0.95	**1.01**	0.91	0.64	0.55	0.42	0.36	0.36	0.24	0.24	0.18	0.18	0.19	0.13
NC_1225	1.94	2.16	2.48	2.54	2.42	2.24	2.52	**2.65**	2.57	1.89	1.59	1.27	1.10	1.11	0.76	0.73	0.56	0.57	0.58	0.41
NC_1226	1.47	1.69	1.95	1.99	1.89	1.79	2.05	**2.24**	2.18	1.65	1.40	1.17	1.00	1.02	0.71	0.68	0.53	0.54	0.55	0.39
NC_1227	17.70	22.70	26.04	27.01	26.26	26.02	28.48	28.18	**28.49**	21.78	19.12	15.87	13.72	13.96	9.84	9.50	7.31	7.47	7.61	5.48
NC_1228	19.11	24.80	28.73	30.22	29.62	29.60	**32.25**	31.67	32.02	24.58	21.82	18.13	15.68	15.97	11.29	10.89	8.38	8.57	8.72	6.28
NC_1229	3.20	3.74	4.13	**4.15**	3.97	3.75	4.02	4.05	4.07	2.97	2.48	1.96	1.70	1.71	1.16	1.12	0.86	0.88	0.89	0.64
NC_1230	1.40	1.57	1.51	**1.67**	1.58	1.33	1.50	1.55	1.40	0.95	0.82	0.60	0.52	0.52	0.35	0.34	0.26	0.27	0.27	0.19
NC_1231	2.22	2.40	2.51	**2.66**	2.53	2.21	2.42	2.49	2.31	1.63	1.39	1.04	0.90	0.90	0.61	0.59	0.45	0.47	0.47	0.34
NC_1232	0.70	0.77	0.90	0.97	0.91	0.81	0.99	**1.09**	1.01	0.75	0.65	0.53	0.45	0.46	0.32	0.31	0.23	0.24	0.24	0.17
NC_1233	3.14	3.86	4.37	4.48	4.25	4.07	4.68	4.91	**4.94**	3.66	3.19	2.65	2.27	2.31	1.59	1.54	1.18	1.20	1.22	0.86
NC_1234	2.49	3.08	3.54	3.64	3.44	3.30	3.85	4.09	**4.09**	3.01	2.61	2.14	1.83	1.86	1.27	1.23	0.94	0.96	0.97	0.68
NC_1235	1.49	1.96	2.30	2.46	2.49	2.67	2.95	2.94	**3.06**	2.38	2.33	1.98	1.69	1.76	1.27	1.24	0.95	0.97	0.98	0.69
NC_1236	0.51	0.58	0.58	0.65	0.62	0.51	0.62	**0.66**	0.58	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_1237	2.08	2.54	2.94	3.21	3.30	3.57	3.88	3.80	**3.95**	3.10	3.24	2.75	2.32	2.46	1.81	1.77	1.37	1.40	1.42	1.00
NC_1238	0.82	0.89	1.00	1.06	1.00	0.89	1.01	**1.07**	1.00	0.72	0.61	0.47	0.41	0.41	0.28	0.27	0.20	0.21	0.21	0.15
NC_1239	2.98	3.45	3.96	4.03	4.00	4.28	4.69	4.88	**4.95**	3.88	3.82	3.30	2.80	2.94	2.13	2.08	1.61	1.64	1.67	1.17

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1240	3.37	3.96	4.50	4.60	4.38	4.69	5.13	5.43	**5.48**	4.28	4.16	3.60	3.06	3.24	2.33	2.28	1.76	1.80	1.82	1.28
NC_1241	0.99	1.11	1.09	**1.21**	1.15	0.96	1.12	1.17	1.05	0.71	0.61	0.46	0.40	0.39	0.27	0.26	0.20	0.20	0.21	0.15
NC_1242	1.29	1.43	1.46	**1.58**	1.49	1.28	1.44	1.50	1.39	0.96	0.82	0.61	0.53	0.53	0.36	0.34	0.26	0.27	0.27	0.19
NC_1243	1.11	1.25	1.23	**1.36**	1.29	1.08	1.24	1.30	1.17	0.80	0.69	0.51	0.44	0.44	0.30	0.29	0.22	0.23	0.23	0.16
NC_1244	2.46	2.75	2.79	**3.02**	2.86	2.45	2.77	2.87	2.64	1.82	1.56	1.16	1.01	1.01	0.68	0.65	0.50	0.51	0.52	0.37
NC_1245	1.00	1.14	1.10	**1.23**	1.16	0.96	1.13	1.18	1.07	0.72	0.62	0.46	0.40	0.40	0.27	0.26	0.20	0.20	0.21	0.15
NC_1246	0.72	0.83	0.77	**0.87**	0.82	0.69	0.79	0.82	0.74	0.48	0.42	0.31	0.26	0.26	0.18	0.17	0.13	0.14	0.14	0.10
NC_1247	1.07	1.22	1.15	**1.29**	1.22	1.02	1.16	1.20	1.08	0.72	0.62	0.45	0.39	0.39	0.27	0.26	0.20	0.20	0.21	0.15
NC_1248	1.57	1.73	1.76	**1.91**	1.81	1.54	1.76	1.83	1.64	1.16	0.99	0.74	0.64	0.64	0.44	0.42	0.32	0.33	0.33	0.24
NC_1249	0.52	0.69	0.78	0.80	0.76	0.80	0.91	0.99	**1.00**	0.76	0.65	0.55	0.47	0.48	0.33	0.32	0.24	0.25	0.25	0.17
NC_1250	3.12	3.78	4.29	4.39	4.17	3.98	4.57	4.83	**4.84**	3.60	3.12	2.58	2.21	2.24	1.55	1.50	1.14	1.17	1.19	0.83
NC_1251	0.36	0.40	0.45	0.50	0.47	0.41	0.50	**0.54**	0.48	0.35	0.30	0.24	0.20	0.20	0.14	0.13	0.10	0.10	0.10	0.07
NC_1252	1.53	1.82	2.10	2.16	2.04	1.93	2.22	**2.36**	2.34	1.71	1.46	1.17	1.01	1.02	0.69	0.67	0.51	0.52	0.53	0.37
NC_1253	0.96	1.15	1.37	1.42	1.33	1.25	1.49	**1.62**	1.58	1.16	0.99	0.80	0.69	0.70	0.48	0.46	0.35	0.36	0.36	0.25
NC_1254	0.35	0.38	0.47	0.50	0.47	0.43	0.52	**0.56**	0.52	0.38	0.33	0.26	0.22	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_1255	1.98	2.60	2.96	3.04	2.88	2.79	3.25	3.40	**3.45**	2.55	2.19	1.79	1.54	1.56	1.07	1.03	0.78	0.80	0.81	0.57
NC_1256	2.12	3.01	3.62	3.78	3.70	3.82	4.28	4.32	**4.48**	3.44	3.04	2.57	2.20	2.25	1.56	1.51	1.15	1.18	1.20	0.84
NC_1257	2.17	3.09	3.73	3.92	3.87	3.98	4.45	4.48	**4.65**	3.56	3.18	2.68	2.29	2.36	1.64	1.58	1.21	1.24	1.25	0.88
NC_1258	0.43	0.49	0.52	0.58	0.54	0.46	0.56	**0.60**	0.53	0.38	0.32	0.25	0.21	0.21	0.15	0.14	0.11	0.11	0.11	0.08
NC_1259	6.12	8.42	9.96	10.35	10.09	10.35	11.68	11.92	**12.31**	9.34	8.25	6.91	5.93	6.09	4.21	4.06	3.10	3.17	3.22	2.25
NC_1260	0.59	0.66	0.72	0.79	0.75	0.65	0.79	**0.85**	0.76	0.56	0.48	0.37	0.32	0.32	0.22	0.21	0.16	0.17	0.17	0.12
NC_1261	58.27	84.33	105.96	124.17	139.84	178.99	207.02	230.30	**243.18**	230.89	219.50	223.18	214.56	189.03	159.79	188.20	165.13	173.12	182.60	129.38
NC_1262	0.46	0.64	0.74	0.77	0.73	0.74	0.86	0.92	**0.93**	0.70	0.61	0.51	0.44	0.45	0.31	0.30	0.23	0.23	0.24	0.16
NC_1263	1.66	1.87	1.86	2.03	1.92	1.65	1.95	**2.14**	1.97	1.49	1.32	1.11	0.95	0.98	0.69	0.67	0.52	0.53	0.53	0.38
NC_1264	1.11	1.48	1.69	1.74	1.65	1.60	1.89	2.00	**2.04**	1.51	1.29	1.06	0.91	0.93	0.63	0.61	0.46	0.48	0.48	0.34
NC_1265	1.64	2.11	2.40	2.47	2.34	2.25	2.62	2.76	**2.80**	2.06	1.76	1.43	1.23	1.25	0.85	0.82	0.63	0.64	0.65	0.45
NC_1266	2.81	3.80	4.39	4.54	4.30	4.24	4.96	5.13	**5.25**	3.90	3.39	2.80	2.40	2.45	1.68	1.62	1.23	1.26	1.28	0.89
NC_1267	0.43	0.49	0.52	0.58	0.54	0.46	0.56	**0.60**	0.53	0.38	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1268	0.49	0.56	0.55	**0.63**	0.59	0.48	0.59	0.62	0.56	0.38	0.33	0.24	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_1269	2.86	3.91	4.60	4.78	4.58	4.57	5.27	5.39	**5.55**	4.14	3.64	3.01	2.58	2.64	1.82	1.75	1.33	1.37	1.39	0.97
NC_1270	1.06	1.18	1.27	1.38	1.30	1.13	1.32	**1.40**	1.27	0.91	0.78	0.59	0.51	0.51	0.35	0.33	0.26	0.26	0.27	0.19
NC_1271	2.58	3.60	4.31	4.52	4.50	4.66	5.17	5.23	**5.43**	4.17	3.71	3.14	2.71	2.78	1.92	1.85	1.41	1.45	1.47	1.03
NC_1272	0.16	0.18	0.21	0.23	0.21	0.19	0.22	**0.24**	0.21	0.15	0.13	0.10	0.09	0.09	0.06	0.05	0.04	0.04	0.04	0.03
NC_1273	2.99	4.35	5.47	6.31	6.85	7.99	**8.65**	8.52	8.65	7.20	7.69	6.95	6.37	6.23	4.79	4.93	4.11	4.25	4.35	3.05
NC_1274	1.77	2.02	2.28	2.30	2.20	2.06	2.25	**2.31**	2.30	1.66	1.40	1.10	0.95	0.95	0.65	0.62	0.48	0.49	0.50	0.35
NC_1275	2.35	3.11	3.66	3.89	3.83	3.87	**4.22**	4.13	4.20	3.23	2.85	2.36	2.03	2.08	1.45	1.40	1.07	1.10	1.11	0.79
NC_1276	1.20	1.34	1.32	**1.46**	1.38	1.16	1.34	1.39	1.24	0.86	0.74	0.55	0.48	0.47	0.32	0.31	0.24	0.24	0.25	0.18
NC_1277	1.10	1.28	1.50	1.55	1.47	1.37	1.59	**1.70**	1.66	1.21	1.03	0.82	0.71	0.71	0.48	0.47	0.36	0.36	0.37	0.26
NC_1278	8.66	9.55	9.94	**10.20**	9.74	8.76	9.17	9.21	8.91	6.19	5.28	3.95	3.43	3.43	2.33	2.24	1.73	1.77	1.79	1.29
NC_1279	11.85	13.74	14.84	**14.87**	14.24	13.36	13.88	13.67	13.77	9.92	8.36	6.47	5.63	5.62	3.82	3.78	2.84	2.90	2.94	2.11
NC_1280	1.91	2.13	2.04	**2.22**	2.11	1.80	1.96	2.01	1.82	1.24	1.06	0.78	0.68	0.68	0.46	0.44	0.34	0.35	0.35	0.26
NC_1281	0.79	0.92	0.86	**0.95**	0.89	0.77	0.85	0.88	0.79	0.51	0.44	0.32	0.28	0.28	0.19	0.18	0.14	0.14	0.14	0.10
NC_1282	0.58	0.67	0.63	**0.70**	0.66	0.56	0.64	0.67	0.60	0.39	0.33	0.24	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_1283	8.41	9.20	9.45	**9.84**	9.38	8.30	8.81	8.90	8.45	5.87	5.02	3.73	3.24	3.23	2.20	2.11	1.63	1.67	1.69	1.21
NC_1284	1.32	1.50	1.41	**1.55**	1.47	1.25	1.37	1.41	1.27	0.85	0.73	0.53	0.46	0.46	0.31	0.30	0.23	0.24	0.24	0.17
NC_1285	0.70	0.82	0.75	**0.85**	0.81	0.67	0.78	0.81	0.73	0.47	0.41	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.10
NC_1286	0.58	0.68	0.63	**0.71**	0.66	0.56	0.64	0.66	0.60	0.38	0.33	0.24	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_1287	0.55	0.64	0.59	**0.68**	0.64	0.53	0.62	0.65	0.58	0.38	0.33	0.24	0.21	0.21	0.14	0.14	0.10	0.11	0.11	0.08
NC_1288	1.74	1.95	1.88	**2.07**	1.97	1.64	1.87	1.93	1.71	1.19	1.02	0.76	0.66	0.65	0.44	0.43	0.33	0.34	0.34	0.25
NC_1289	0.54	0.63	0.58	**0.66**	0.62	0.52	0.60	0.63	0.57	0.36	0.31	0.23	0.20	0.20	0.13	0.13	0.10	0.10	0.10	0.07
NC_1290	1.06	1.19	1.17	**1.30**	1.23	1.03	1.19	1.24	1.11	0.77	0.66	0.49	0.42	0.42	0.29	0.28	0.21	0.22	0.22	0.16
NC_1291	0.64	0.74	0.69	**0.79**	0.74	0.61	0.72	0.76	0.68	0.45	0.39	0.29	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_1292	0.71	0.81	0.81	**0.90**	0.85	0.71	0.85	0.90	0.80	0.56	0.48	0.36	0.31	0.31	0.21	0.20	0.15	0.16	0.16	0.11
NC_1293	1.13	1.25	1.30	**1.42**	1.34	1.15	1.33	1.40	1.25	0.89	0.76	0.58	0.50	0.50	0.34	0.33	0.25	0.26	0.26	0.18
NC_1294	1.60	1.73	1.94	2.02	1.92	1.73	1.93	**2.03**	1.93	1.39	1.19	0.92	0.80	0.80	0.55	0.53	0.40	0.41	0.42	0.30
NC_1295	0.51	0.60	0.56	**0.64**	0.60	0.49	0.59	0.62	0.56	0.37	0.32	0.23	0.20	0.20	0.14	0.13	0.10	0.10	0.11	0.07
NC_1296	4.09	4.56	4.92	**5.09**	4.84	4.36	4.78	4.92	4.73	3.33	2.84	2.16	1.87	1.87	1.27	1.22	0.94	0.96	0.97	0.69
NC_1297	4.25	5.59	6.51	6.69	6.47	6.45	7.19	7.19	**7.32**	5.55	4.84	4.03	3.46	3.51	2.44	2.35	1.80	1.84	1.87	1.32
NC_1298	0.59	0.69	0.64	**0.72**	0.68	0.57	0.65	0.68	0.61	0.39	0.34	0.25	0.21	0.21	0.15	0.14	0.11	0.11	0.11	0.08
NC_1299	0.56	0.65	0.60	**0.69**	0.65	0.54	0.63	0.66	0.60	0.39	0.33	0.25	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_1300	0.60	0.70	0.65	**0.75**	0.70	0.58	0.69	0.72	0.65	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_1301	10.93	17.16	24.04	29.44	33.08	39.96	43.90	43.28	**43.92**	34.42	36.53	31.74	28.24	28.91	21.19	20.59	16.12	16.80	16.80	11.79
NC_1302	0.61	0.71	0.66	**0.74**	0.70	0.59	0.67	0.70	0.63	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_1303	0.81	0.88	0.99	**1.03**	0.98	0.88	0.98	1.02	0.97	0.70	0.59	0.45	0.39	0.39	0.27	0.26	0.20	0.20	0.20	0.15
NC_1304	4.05	5.23	5.94	6.07	5.81	5.71	6.42	6.50	**6.59**	4.98	4.28	3.53	3.03	3.07	2.13	2.05	1.57	1.61	1.63	1.15
NC_1305	0.60	0.70	0.64	**0.74**	0.69	0.58	0.67	0.70	0.63	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.12	0.12	0.08
NC_1306	1.08	1.22	1.17	**1.31**	1.24	1.03	1.19	1.23	1.10	0.75	0.64	0.47	0.41	0.41	0.28	0.27	0.21	0.21	0.21	0.15
NC_1307	1.65	1.83	1.87	**2.01**	1.91	1.65	1.85	1.92	1.75	1.23	1.05	0.79	0.68	0.68	0.46	0.45	0.34	0.35	0.36	0.25
NC_1308	0.56	0.65	0.61	**0.68**	0.64	0.54	0.62	0.65	0.59	0.38	0.32	0.24	0.21	0.21	0.14	0.13	0.10	0.11	0.11	0.08
NC_1309	0.99	1.13	1.07	**1.20**	1.13	0.94	1.08	1.12	1.01	0.67	0.58	0.42	0.37	0.37	0.25	0.24	0.18	0.19	0.19	0.14
NC_1310	5.36	6.07	6.60	**6.76**	6.43	5.89	6.38	6.51	6.42	4.52	3.84	2.95	2.55	2.56	1.73	1.67	1.28	1.31	1.33	0.94
NC_1311	4.10	4.59	4.96	**5.14**	4.89	4.41	4.84	4.98	4.80	3.38	2.88	2.20	1.90	1.91	1.29	1.24	0.95	0.98	0.99	0.70
NC_1312	1.09	1.20	1.26	**1.35**	1.28	1.12	1.27	1.33	1.19	0.87	0.74	0.57	0.49	0.49	0.33	0.32	0.25	0.25	0.26	0.18

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1313	1.39	1.55	1.54	**1.69**	1.60	1.35	1.55	1.61	1.44	1.01	0.87	0.64	0.56	0.56	0.38	0.36	0.28	0.29	0.29	0.21
NC_1314	0.57	0.67	0.62	**0.70**	0.66	0.55	0.64	0.66	0.60	0.38	0.33	0.24	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_1315	0.60	0.69	0.64	**0.74**	0.70	0.57	0.68	0.71	0.64	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_1316	0.61	0.70	0.66	**0.76**	0.71	0.58	0.70	0.73	0.65	0.43	0.37	0.28	0.24	0.24	0.16	0.16	0.12	0.12	0.12	0.09
NC_1317	2.27	2.50	2.64	**2.81**	2.66	2.33	2.62	2.73	2.53	1.78	1.52	1.15	0.99	1.00	0.67	0.65	0.50	0.51	0.52	0.37
NC_1318	0.67	0.78	0.72	**0.82**	0.78	0.65	0.75	0.79	0.71	0.46	0.40	0.29	0.25	0.25	0.17	0.17	0.13	0.13	0.13	0.09
NC_1319	3.64	4.36	5.17	6.47	7.39	9.46	10.52	10.53	**10.62**	8.88	8.43	7.57	6.23	5.65	4.87	4.95	4.22	4.33	4.40	3.22
NC_1320	1.22	1.37	1.32	**1.47**	1.39	1.16	1.33	1.38	1.24	0.85	0.73	0.54	0.47	0.46	0.31	0.30	0.23	0.24	0.24	0.17
NC_1321	4.03	5.10	5.92	6.33	6.38	6.58	**7.11**	6.99	7.06	5.59	5.20	4.37	3.81	3.84	2.80	2.70	2.08	2.17	2.23	1.70
NC_1322	3.97	5.04	5.86	6.29	6.39	6.65	**7.17**	7.04	7.08	5.63	5.28	4.43	3.87	3.88	2.86	2.76	2.13	2.22	2.28	1.74
NC_1323	0.34	0.40	0.39	**0.44**	0.42	0.34	0.42	0.44	0.39	0.26	0.22	0.17	0.14	0.14	0.10	0.09	0.07	0.07	0.07	0.05
NC_1324	11.25	15.29	18.44	20.39	21.27	23.07	24.97	24.64	**24.98**	19.77	20.13	17.18	18.66	15.31	11.70	14.92	13.28	13.99	13.90	10.65
NC_1325	4.40	5.48	6.25	6.40	6.18	6.47	7.17	7.53	**7.65**	5.90	5.23	4.49	3.83	3.94	2.80	2.70	2.08	2.13	2.16	1.52
NC_1326	0.38	0.44	0.44	0.50	0.47	0.39	0.47	**0.50**	0.45	0.31	0.26	0.20	0.17	0.17	0.12	0.11	0.09	0.09	0.09	0.06
NC_1327	3.51	4.82	5.84	6.46	6.55	6.94	7.59	7.51	**7.71**	5.99	5.86	4.92	4.21	4.36	3.20	3.09	2.39	2.45	2.48	1.75
NC_1328	0.85	0.92	1.00	**1.05**	1.00	0.89	0.97	1.01	0.94	0.67	0.57	0.43	0.38	0.38	0.25	0.25	0.19	0.19	0.20	0.14
NC_1329	0.61	0.70	0.68	**0.77**	0.73	0.60	0.73	0.77	0.68	0.47	0.40	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.14	0.10
NC_1330	1.80	2.42	2.74	2.84	2.78	2.89	3.20	3.28	**3.37**	2.62	2.30	1.98	1.69	1.73	1.22	1.17	0.90	0.92	0.94	0.66
NC_1331	0.65	0.76	0.89	0.90	0.85	0.81	0.94	**1.02**	1.01	0.74	0.63	0.51	0.44	0.45	0.31	0.29	0.22	0.23	0.23	0.16
NC_1332	0.57	0.65	0.68	0.76	0.71	0.61	0.74	**0.80**	0.70	0.51	0.44	0.34	0.29	0.29	0.20	0.19	0.15	0.15	0.15	0.11
NC_1333	2.88	3.80	4.48	4.78	4.82	5.10	5.63	5.55	**5.75**	4.48	4.34	3.70	3.14	3.27	2.36	2.28	1.76	1.80	1.83	1.29
NC_1334	2.01	2.78	3.33	3.50	3.50	3.66	4.08	4.10	**4.25**	3.27	3.02	2.59	2.20	2.27	1.61	1.56	1.19	1.22	1.24	0.87
NC_1335	4.17	4.74	5.43	5.53	5.25	4.98	5.71	**6.08**	6.07	4.53	3.88	3.19	2.74	2.79	1.92	1.85	1.42	1.45	1.47	1.04
NC_1336	3.14	3.57	3.98	4.05	3.85	3.60	4.04	4.23	**4.24**	3.11	2.68	2.19	1.89	1.92	1.32	1.27	0.97	1.00	1.01	0.71
NC_1337	6.45	7.79	8.73	8.85	8.43	8.10	9.15	9.50	**9.59**	7.12	6.11	5.01	4.31	4.37	3.00	2.89	2.22	2.27	2.30	1.62
NC_1338	1.56	1.73	1.80	**1.97**	1.86	1.60	1.85	1.95	1.76	1.25	1.07	0.81	0.70	0.70	0.48	0.46	0.35	0.36	0.36	0.26
NC_1339	0.61	0.75	0.88	0.90	0.85	0.90	1.00	**1.12**	1.12	0.85	0.73	0.63	0.53	0.55	0.38	0.36	0.28	0.28	0.29	0.20
NC_1340	0.52	0.60	0.57	**0.65**	0.61	0.50	0.61	0.64	0.57	0.38	0.33	0.24	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_1341	1.13	1.24	1.39	1.48	1.40	1.25	1.48	**1.62**	1.52	1.13	0.98	0.80	0.69	0.70	0.48	0.47	0.36	0.37	0.37	0.26
NC_1342	0.53	0.60	0.72	0.74	0.70	0.66	0.78	**0.87**	0.84	0.62	0.53	0.44	0.37	0.38	0.26	0.25	0.19	0.20	0.20	0.14
NC_1343	2.21	2.42	2.76	2.86	2.71	2.49	2.87	**3.10**	3.00	2.22	1.91	1.55	1.33	1.36	0.93	0.90	0.69	0.71	0.72	0.50
NC_1344	0.71	0.80	0.85	0.94	0.89	0.76	0.92	**1.00**	0.88	0.65	0.56	0.44	0.38	0.38	0.26	0.25	0.19	0.19	0.20	0.14
NC_1345	0.37	0.42	0.46	0.51	0.48	0.41	0.50	**0.54**	0.48	0.35	0.30	0.23	0.20	0.20	0.14	0.13	0.10	0.10	0.10	0.07
NC_1346	0.47	0.54	0.54	0.61	0.58	0.48	0.59	**0.63**	0.55	0.39	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1347	2.44	2.71	3.00	3.21	3.03	2.69	3.13	**3.34**	3.08	2.23	1.91	1.48	1.27	1.28	0.87	0.84	0.64	0.66	0.66	0.47
NC_1348	0.52	0.61	0.56	**0.65**	0.61	0.50	0.60	0.62	0.56	0.37	0.31	0.23	0.20	0.20	0.14	0.13	0.10	0.10	0.10	0.07
NC_1349	1.59	1.76	1.82	**1.97**	1.87	1.61	1.84	1.93	1.73	1.24	1.06	0.81	0.70	0.70	0.47	0.46	0.35	0.36	0.36	0.26
NC_1350	7.81	9.05	10.07	10.26	9.75	9.08	10.04	10.33	**10.34**	7.38	6.30	4.93	4.25	4.29	2.91	2.80	2.15	2.20	2.23	1.57
NC_1351	1.12	1.25	1.25	**1.38**	1.30	1.10	1.28	1.33	1.19	0.83	0.71	0.53	0.46	0.46	0.31	0.30	0.23	0.24	0.24	0.17
NC_1352	0.66	0.76	0.71	**0.81**	0.77	0.63	0.75	0.78	0.70	0.47	0.40	0.30	0.26	0.26	0.17	0.17	0.13	0.13	0.13	0.10
NC_1353	0.56	0.64	0.61	**0.70**	0.66	0.53	0.64	0.68	0.61	0.40	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.12	0.08
NC_1354	1.61	1.77	1.85	**2.00**	1.89	1.64	1.87	1.97	1.78	1.28	1.09	0.83	0.72	0.72	0.49	0.47	0.36	0.37	0.38	0.27
NC_1355	1.07	1.20	1.20	**1.32**	1.25	1.05	1.22	1.28	1.13	0.79	0.68	0.51	0.44	0.44	0.30	0.29	0.22	0.23	0.23	0.16
NC_1356	8.00	9.55	10.54	10.73	10.21	9.60	10.60	10.82	**10.92**	7.84	6.71	5.29	4.56	4.62	3.13	3.01	2.31	2.36	2.39	1.69
NC_1357	0.37	0.43	0.40	**0.45**	0.42	0.36	0.41	0.42	0.39	0.24	0.21	0.15	0.13	0.13	0.09	0.09	0.07	0.07	0.07	0.05
NC_1358	2.17	2.35	2.64	**2.71**	2.58	2.35	2.56	2.67	2.57	1.83	1.56	1.19	1.03	1.04	0.70	0.68	0.52	0.53	0.54	0.38
NC_1359	0.61	0.71	0.66	**0.75**	0.71	0.59	0.69	0.72	0.65	0.43	0.37	0.27	0.24	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_1360	1.10	1.24	1.23	**1.36**	1.28	1.08	1.25	1.31	1.18	0.81	0.70	0.52	0.45	0.45	0.30	0.29	0.23	0.23	0.23	0.17
NC_1361	1.61	2.28	2.78	3.12	3.37	5.34	**6.17**	5.95	6.07	4.76	5.23	4.40	3.93	3.57	2.90	2.99	2.65	2.71	2.79	2.04
NC_1362	2.56	2.83	3.08	**3.19**	3.03	2.74	3.01	3.12	2.99	2.12	1.81	1.39	1.20	1.20	0.82	0.79	0.60	0.62	0.63	0.44
NC_1363	2.16	2.37	2.51	**2.68**	2.54	2.22	2.50	2.62	2.40	1.71	1.47	1.11	0.96	0.96	0.65	0.63	0.48	0.49	0.50	0.36
NC_1364	0.93	1.05	1.02	**1.14**	1.08	0.89	1.04	1.08	0.97	0.66	0.57	0.42	0.36	0.36	0.24	0.24	0.18	0.18	0.19	0.13
NC_1365	5.54	6.28	6.89	**7.04**	6.70	6.16	6.70	6.85	6.78	4.81	4.09	3.16	2.73	2.74	1.86	1.79	1.37	1.41	1.43	1.01
NC_1366	3.49	3.86	4.19	**4.35**	4.13	3.72	4.09	4.23	4.06	2.87	2.45	1.88	1.62	1.63	1.10	1.06	0.82	0.83	0.85	0.60
NC_1367	1.71	1.86	1.98	**2.10**	1.99	1.75	1.94	2.02	1.88	1.33	1.14	0.86	0.74	0.74	0.50	0.48	0.37	0.38	0.39	0.27
NC_1368	2.15	2.39	2.79	2.87	2.77	2.96	3.23	**3.46**	3.44	2.70	2.47	2.16	1.84	1.92	1.34	1.30	1.00	1.02	1.03	0.73
NC_1369	0.54	0.63	0.59	**0.67**	0.63	0.52	0.61	0.64	0.57	0.37	0.32	0.23	0.20	0.20	0.14	0.13	0.10	0.10	0.11	0.08
NC_1370	1.23	1.37	1.39	**1.53**	1.44	1.23	1.42	1.49	1.33	0.94	0.81	0.61	0.53	0.53	0.36	0.34	0.26	0.27	0.27	0.19
NC_1371	7.24	11.04	15.28	18.88	21.82	28.69	33.90	36.36	**37.50**	33.49	32.69	32.48	28.90	26.45	21.44	22.26	18.85	19.17	20.83	14.43
NC_1372	1.29	1.44	1.48	**1.60**	1.52	1.30	1.49	1.56	1.42	1.00	0.86	0.64	0.56	0.56	0.38	0.36	0.28	0.29	0.29	0.21
NC_1373	5.26	9.32	12.97	16.07	18.60	24.34	28.23	29.42	**30.15**	26.34	26.39	25.34	22.70	20.98	16.83	17.27	14.34	14.53	16.05	11.77
NC_1374	0.37	0.43	0.40	**0.45**	0.43	0.36	0.41	0.43	0.39	0.24	0.21	0.15	0.13	0.13	0.09	0.09	0.07	0.07	0.07	0.05
NC_1375	0.74	0.85	0.84	**0.94**	0.88	0.74	0.88	0.93	0.83	0.57	0.49	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_1376	1.47	1.62	1.66	**1.81**	1.71	1.47	1.68	1.76	1.59	1.12	0.96	0.73	0.63	0.63	0.43	0.41	0.32	0.32	0.33	0.23
NC_1377	0.53	0.59	0.67	0.73	0.69	0.61	0.74	**0.80**	0.73	0.54	0.46	0.37	0.32	0.32	0.22	0.21	0.16	0.16	0.17	0.12
NC_1378	0.46	0.53	0.54	0.61	0.57	0.48	0.59	**0.63**	0.55	0.39	0.33	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1379	1.92	2.24	2.55	2.60	2.47	2.38	2.75	2.95	**2.96**	2.24	1.96	1.65	1.41	1.44	1.01	0.97	0.75	0.76	0.77	0.55
NC_1380	2.55	2.80	3.02	**3.15**	2.99	2.68	2.98	3.11	2.96	2.13	1.83	1.42	1.23	1.24	0.85	0.82	0.63	0.64	0.65	0.46
NC_1381	0.51	0.58	0.60	0.67	0.63	0.53	0.65	**0.69**	0.61	0.44	0.38	0.29	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_1382	0.78	0.90	0.85	**0.97**	0.91	0.75	0.89	0.94	0.84	0.57	0.49	0.36	0.31	0.31	0.21	0.20	0.16	0.16	0.16	0.12
NC_1383	1.39	1.52	1.75	1.79	1.70	1.57	1.75	**1.85**	1.79	1.30	1.11	0.87	0.75	0.75	0.51	0.50	0.38	0.39	0.39	0.28
NC_1384	1.08	1.21	1.22	**1.35**	1.27	1.08	1.25	1.31	1.17	0.82	0.70	0.52	0.45	0.45	0.31	0.30	0.23	0.23	0.24	0.17
NC_1385	0.64	0.74	0.69	**0.77**	0.72	0.61	0.69	0.72	0.65	0.41	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1386	7.38	10.58	13.28	15.39	16.88	20.06	21.78	21.49	**21.87**	18.29	19.37	17.22	15.34	15.23	11.88	11.92	9.50	9.73	9.90	7.04
NC_1387	1.43	1.54	1.80	1.84	1.75	1.64	1.85	**2.00**	1.95	1.48	1.26	1.05	0.90	0.92	0.64	0.62	0.47	0.49	0.49	0.35
NC_1388	1.30	1.72	2.02	2.14	2.16	2.28	2.52	2.50	**2.58**	2.02	1.90	1.63	1.38	1.44	1.03	1.00	0.77	0.78	0.79	0.56
NC_1389	0.51	0.59	0.57	**0.65**	0.61	0.50	0.61	0.64	0.57	0.39	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1390	2.00	2.21	2.27	**2.46**	2.33	2.00	2.28	2.38	2.15	1.52	1.30	0.98	0.84	0.85	0.57	0.55	0.42	0.43	0.44	0.31
NC_1391	0.62	0.72	0.68	**0.78**	0.73	0.60	0.72	0.75	0.68	0.45	0.39	0.29	0.25	0.25	0.17	0.16	0.12	0.13	0.13	0.09
NC_1392	0.95	1.07	1.05	**1.17**	1.10	0.92	1.07	1.12	1.01	0.69	0.59	0.44	0.38	0.38	0.26	0.25	0.19	0.19	0.20	0.14
NC_1393	11.35	15.90	19.63	22.40	24.27	28.22	**30.56**	30.08	30.51	25.46	27.07	24.05	21.39	21.20	16.50	16.65	13.33	13.64	13.87	9.85
NC_1394	3.98	5.34	6.33	6.82	6.92	7.26	7.95	7.91	**8.09**	6.31	6.62	5.73	4.95	5.04	3.83	3.84	3.04	3.11	3.15	2.22
NC_1395	4.19	5.56	6.52	6.91	6.82	7.11	7.83	7.84	**8.06**	6.26	6.53	5.62	4.82	5.00	3.75	3.72	2.95	3.02	3.06	2.16
NC_1396	1.08	1.36	1.52	1.55	1.47	1.45	1.68	1.78	**1.81**	1.36	1.16	0.97	0.83	0.84	0.58	0.56	0.43	0.44	0.44	0.31
NC_1397	0.68	0.79	0.73	**0.84**	0.79	0.66	0.77	0.80	0.72	0.47	0.41	0.30	0.26	0.26	0.18	0.17	0.13	0.13	0.13	0.10
NC_1398	1.50	1.66	1.90	1.90	1.82	1.71	1.84	**1.91**	1.87	1.37	1.15	0.90	0.78	0.78	0.53	0.51	0.39	0.40	0.41	0.29
NC_1399	0.60	0.70	0.64	**0.74**	0.69	0.58	0.67	0.70	0.63	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_1400	0.56	0.65	0.62	**0.71**	0.67	0.54	0.66	0.69	0.62	0.41	0.35	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_1401	0.87	0.95	0.96	**1.02**	0.97	0.84	0.92	0.93	0.87	0.60	0.51	0.38	0.33	0.33	0.22	0.21	0.16	0.17	0.17	0.12
NC_1402	0.04	**0.04**	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00
NC_1403	0.81	0.88	0.98	1.04	0.98	0.88	1.02	**1.10**	1.02	0.76	0.64	0.51	0.44	0.44	0.30	0.29	0.22	0.23	0.23	0.17
NC_1404	1.36	1.48	1.58	1.67	1.59	1.41	1.60	**1.69**	1.58	1.15	0.98	0.78	0.67	0.67	0.46	0.44	0.34	0.35	0.35	0.25
NC_1405	1.30	1.64	1.81	1.86	1.80	1.83	2.02	**2.13**	2.10	1.63	1.34	1.14	0.98	0.99	0.69	0.66	0.51	0.53	0.58	0.43
NC_1406	0.04	**0.05**	0.05	0.05	0.05	0.04	0.05	0.05	0.05	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
NC_1407	0.19	0.23	0.21	**0.25**	0.23	0.19	0.23	0.24	0.22	0.14	0.12	0.09	0.08	0.08	0.05	0.05	0.04	0.04	0.04	0.03
NC_1408	1.48	1.63	1.69	**1.83**	1.73	1.49	1.71	1.79	1.62	1.15	0.99	0.75	0.65	0.65	0.44	0.42	0.32	0.33	0.34	0.24
NC_1409	0.79	0.91	0.87	**0.99**	0.93	0.77	0.92	0.97	0.87	0.59	0.51	0.38	0.33	0.33	0.23	0.22	0.17	0.17	0.17	0.12
NC_1410	0.62	0.72	0.67	**0.75**	0.71	0.60	0.68	0.71	0.64	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.12	0.12	0.08
NC_1411	1.28	1.47	1.39	**1.56**	1.48	1.22	1.43	1.49	1.33	0.91	0.78	0.58	0.51	0.51	0.34	0.33	0.26	0.26	0.26	0.19
NC_1412	1.38	1.59	1.77	**1.79**	1.70	1.60	1.72	1.75	1.75	1.26	1.06	0.83	0.72	0.72	0.49	0.47	0.36	0.37	0.37	0.27
NC_1413	0.27	0.32	0.30	**0.33**	0.31	0.27	0.30	0.31	0.29	0.17	0.15	0.11	0.10	0.09	0.06	0.06	0.05	0.05	0.05	0.04
NC_1414	0.66	0.77	0.72	**0.79**	0.74	0.64	0.71	0.74	0.67	0.42	0.37	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_1415	2.91	3.54	3.89	3.92	3.75	3.62	3.96	4.02	**4.03**	3.06	2.57	2.13	1.84	1.86	1.28	1.23	0.95	0.97	0.98	0.70
NC_1416	1.63	1.78	1.89	**1.98**	1.88	1.69	1.87	1.97	1.87	1.35	1.15	0.91	0.79	0.79	0.54	0.52	0.40	0.41	0.41	0.29
NC_1417	2.21	2.53	2.83	2.82	2.70	2.57	2.79	2.86	**2.88**	2.14	1.80	1.47	1.27	1.28	0.87	0.84	0.65	0.66	0.67	0.48
NC_1418	0.67	0.79	0.74	**0.80**	0.75	0.65	0.71	0.74	0.67	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_1419	2.67	3.41	3.87	3.94	3.81	3.77	4.13	4.10	**4.13**	3.18	2.74	2.32	1.99	2.02	1.40	1.35	1.04	1.06	1.08	0.77
NC_1420	5.76	7.05	7.84	7.95	7.61	7.39	8.21	**8.37**	8.33	6.34	5.37	4.49	3.87	3.91	2.71	2.61	2.02	2.06	2.09	1.49
NC_1421	18.11	25.01	30.71	35.42	39.25	47.97	53.74	54.37	**55.32**	47.64	47.54	45.26	40.37	36.61	29.80	31.68	26.47	27.14	27.63	19.83
NC_1422	1.38	1.56	1.47	**1.59**	1.51	1.30	1.40	1.43	1.29	0.86	0.74	0.54	0.47	0.47	0.32	0.31	0.24	0.24	0.25	0.18
NC_1423	4.36	4.78	5.02	**5.26**	5.00	4.43	4.84	4.99	4.70	3.32	2.84	2.15	1.86	1.86	1.27	1.22	0.94	0.96	0.97	0.69
NC_1424	0.42	0.47	0.49	0.55	0.52	0.44	0.54	**0.57**	0.50	0.36	0.31	0.23	0.20	0.20	0.14	0.13	0.10	0.10	0.10	0.07
NC_1425	13.11	18.22	22.52	26.17	28.86	34.82	38.70	38.91	**39.63**	33.80	34.54	32.09	28.60	26.53	21.06	21.90	18.32	18.78	19.09	13.51
NC_1426	1.66	1.80	1.95	**2.07**	1.96	1.73	1.94	2.03	1.87	1.34	1.14	0.87	0.75	0.75	0.51	0.49	0.38	0.39	0.39	0.28
NC_1427	3.40	3.71	3.78	**3.97**	3.79	3.31	3.55	3.60	3.37	2.35	2.01	1.49	1.30	1.29	0.88	0.85	0.65	0.67	0.68	0.48
NC_1428	1.69	1.89	1.79	**1.95**	1.85	1.58	1.71	1.75	1.58	1.06	0.92	0.67	0.58	0.58	0.39	0.38	0.29	0.30	0.31	0.22
NC_1429	1.27	1.46	1.37	**1.49**	1.41	1.21	1.32	1.36	1.23	0.80	0.69	0.51	0.44	0.44	0.30	0.29	0.22	0.23	0.23	0.17
NC_1430	1.35	1.55	1.44	**1.61**	1.52	1.28	1.45	1.50	1.34	0.89	0.77	0.57	0.49	0.49	0.33	0.32	0.25	0.25	0.26	0.18
NC_1431	1.54	1.74	1.65	**1.79**	1.70	1.46	1.58	1.62	1.47	0.98	0.84	0.62	0.54	0.53	0.36	0.35	0.27	0.28	0.28	0.20
NC_1432	2.31	2.54	2.56	**2.74**	2.61	2.25	2.48	2.54	2.33	1.63	1.40	1.04	0.91	0.90	0.61	0.59	0.46	0.47	0.47	0.34
NC_1433	7.96	8.88	9.55	**9.66**	9.24	8.50	8.89	8.88	8.79	6.22	5.26	4.01	3.48	3.48	2.36	2.27	1.76	1.80	1.82	1.30
NC_1434	12.53	14.51	15.89	**16.02**	15.30	14.32	15.22	15.24	15.30	11.01	9.35	7.27	6.30	6.32	4.29	4.13	3.18	3.25	3.30	2.35
NC_1435	2.49	2.89	3.23	**3.24**	3.10	2.93	3.17	3.22	3.22	2.36	1.97	1.57	1.36	1.36	0.93	0.89	0.69	0.70	0.71	0.51
NC_1436	0.71	0.81	0.81	0.91	0.86	0.72	0.87	**0.92**	0.81	0.58	0.50	0.38	0.33	0.33	0.22	0.21	0.16	0.17	0.17	0.12
NC_1437	0.64	0.74	0.69	**0.77**	0.73	0.61	0.70	0.73	0.66	0.42	0.37	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_1438	1.39	1.59	1.47	**1.66**	1.57	1.32	1.50	1.55	1.39	0.93	0.80	0.59	0.51	0.51	0.35	0.34	0.26	0.26	0.27	0.19
NC_1439	0.35	0.39	0.46	0.50	0.47	0.41	0.50	**0.54**	0.49	0.36	0.30	0.24	0.21	0.21	0.14	0.13	0.10	0.11	0.11	0.07
NC_1440	2.00	2.20	2.23	**2.39**	2.27	1.96	2.17	2.23	2.05	1.43	1.23	0.92	0.79	0.79	0.54	0.52	0.40	0.41	0.41	0.30
NC_1441	0.60	0.71	0.66	**0.73**	0.69	0.59	0.66	0.68	0.62	0.39	0.34	0.25	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_1442	1.11	1.26	1.20	**1.35**	1.27	1.06	1.22	1.27	1.15	0.77	0.66	0.49	0.42	0.42	0.29	0.28	0.21	0.22	0.22	0.16
NC_1443	10.73	12.90	14.17	**14.34**	13.69	12.93	13.97	14.01	14.13	10.22	8.72	6.86	5.94	5.98	4.05	3.90	3.00	3.07	3.11	2.21
NC_1444	0.59	0.69	0.64	**0.71**	0.67	0.57	0.64	0.67	0.60	0.38	0.33	0.24	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_1445	0.64	0.74	0.69	**0.77**	0.73	0.61	0.70	0.73	0.66	0.42	0.36	0.27	0.23	0.23	0.16	0.15	0.12	0.12	0.12	0.09
NC_1446	4.97	5.97	6.56	6.64	6.33	6.01	6.62	6.74	**6.85**	5.01	4.35	3.52	3.03	3.11	2.13	2.05	1.57	1.61	1.63	1.16
NC_1447	0.58	0.67	0.63	**0.70**	0.66	0.56	0.64	0.66	0.60	0.38	0.33	0.24	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_1448	12.45	17.13	23.42	28.60	32.51	40.74	45.84	45.96	**46.68**	38.15	39.30	35.84	32.40	31.98	24.22	24.23	19.18	19.79	19.85	13.96
NC_1449	1.77	1.97	1.93	**2.11**	2.01	1.69	1.91	1.98	1.76	1.23	1.06	0.78	0.68	0.68	0.46	0.44	0.34	0.35	0.35	0.25
NC_1450	0.74	0.86	0.80	**0.89**	0.84	0.71	0.80	0.83	0.75	0.48	0.42	0.30	0.26	0.26	0.18	0.17	0.13	0.14	0.14	0.10
NC_1451	0.74	0.85	0.79	**0.90**	0.85	0.70	0.83	0.86	0.78	0.51	0.44	0.33	0.28	0.28	0.19	0.18	0.14	0.14	0.15	0.10
NC_1452	0.67	0.78	0.72	**0.82**	0.78	0.64	0.75	0.79	0.71	0.46	0.40	0.29	0.25	0.25	0.17	0.17	0.13	0.13	0.13	0.09
NC_1453	0.62	0.72	0.67	**0.75**	0.71	0.59	0.68	0.71	0.64	0.41	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_1454	1.80	1.99	1.98	**2.16**	2.05	1.73	1.97	2.03	1.81	1.28	1.09	0.81	0.71	0.71	0.48	0.46	0.36	0.36	0.37	0.26
NC_1455	1.19	1.54	1.78	1.88	1.92	2.04	2.25	2.31	**2.39**	1.87	1.71	1.49	1.26	1.31	0.92	0.89	0.69	0.70	0.71	0.50
NC_1456	0.50	0.58	0.57	**0.64**	0.60	0.50	0.61	0.64	0.57	0.39	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1457	0.47	0.53	0.65	0.68	0.64	0.60	0.72	**0.80**	0.76	0.57	0.49	0.41	0.35	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_1458	1.21	1.38	1.31	**1.48**	1.40	1.15	1.36	1.42	1.27	0.87	0.75	0.56	0.48	0.48	0.33	0.32	0.24	0.25	0.25	0.18

Subcatchment ID	Peak Discharge (m^3/s)																			
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1459	0.39	0.44	0.49	0.54	0.51	0.44	0.54	**0.58**	0.52	0.38	0.33	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1460	1.03	1.33	1.51	1.57	1.57	1.64	1.81	1.86	**1.93**	1.50	1.32	1.13	0.96	0.99	0.69	0.67	0.51	0.52	0.53	0.37
NC_1461	1.52	1.75	2.00	2.02	1.94	2.04	2.25	2.42	**2.45**	1.89	1.64	1.41	1.20	1.24	0.86	0.83	0.64	0.65	0.66	0.46
NC_1462	1.78	2.02	2.32	2.36	2.25	2.28	2.54	2.76	**2.76**	2.12	1.84	1.59	1.36	1.39	0.96	0.93	0.71	0.73	0.74	0.52
NC_1463	5.47	6.07	6.80	7.04	6.70	6.20	7.08	**7.56**	7.31	5.52	4.78	4.03	3.50	3.56	2.47	2.38	1.84	1.88	1.90	1.35
NC_1464	0.59	0.68	0.63	**0.72**	0.68	0.56	0.66	0.69	0.62	0.41	0.35	0.26	0.22	0.22	0.15	0.15	0.11	0.11	0.12	0.08
NC_1465	8.36	10.31	11.42	11.57	11.03	10.55	11.72	11.96	**12.16**	8.96	7.81	6.43	5.55	5.65	3.86	3.72	2.85	2.92	2.96	2.09
NC_1466	0.61	0.71	0.66	**0.75**	0.71	0.59	0.68	0.71	0.64	0.42	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_1467	0.56	0.65	0.60	**0.68**	0.65	0.54	0.63	0.65	0.59	0.38	0.33	0.24	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_1468	0.59	0.69	0.64	**0.73**	0.69	0.57	0.67	0.70	0.63	0.41	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_1469	1.39	1.55	1.53	**1.68**	1.59	1.34	1.53	1.59	1.42	0.99	0.85	0.63	0.54	0.54	0.37	0.35	0.27	0.28	0.28	0.20
NC_1470	0.61	0.71	0.65	**0.74**	0.70	0.58	0.68	0.71	0.64	0.41	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_1471	1.46	1.64	1.62	**1.78**	1.68	1.42	1.62	1.69	1.50	1.05	0.90	0.67	0.58	0.58	0.39	0.38	0.29	0.30	0.30	0.22
NC_1472	0.55	0.65	0.60	**0.68**	0.64	0.54	0.62	0.65	0.58	0.38	0.32	0.24	0.21	0.21	0.14	0.13	0.10	0.11	0.11	0.08
NC_1473	0.57	0.67	0.62	**0.70**	0.66	0.55	0.63	0.66	0.60	0.38	0.33	0.24	0.21	0.21	0.14	0.14	0.11	0.11	0.11	0.08
NC_1474	0.60	0.70	0.65	**0.73**	0.69	0.58	0.66	0.69	0.62	0.40	0.34	0.25	0.22	0.22	0.15	0.14	0.11	0.11	0.11	0.08
NC_1475	0.95	1.09	1.03	**1.17**	1.10	0.91	1.08	1.14	1.01	0.69	0.59	0.44	0.38	0.38	0.26	0.25	0.19	0.20	0.20	0.14
NC_1476	0.37	0.44	0.41	**0.45**	0.43	0.37	0.41	0.42	0.39	0.24	0.21	0.15	0.13	0.13	0.09	0.08	0.07	0.07	0.07	0.05
NC_1477	1.08	1.21	1.21	**1.33**	1.26	1.06	1.23	1.28	1.15	0.79	0.68	0.51	0.44	0.44	0.30	0.29	0.22	0.22	0.23	0.16
NC_1478	6.41	8.18	9.59	10.60	11.31	13.80	15.99	17.54	**18.44**	18.33	17.56	17.58	18.05	15.16	14.05	16.09	16.20	16.79	18.41	13.09
NC_1479	0.89	1.12	1.32	1.35	1.30	1.40	1.53	**1.73**	1.72	1.32	1.19	1.05	0.90	0.93	0.66	0.64	0.50	0.51	0.52	0.36
NC_1480	2.04	3.01	3.70	3.89	3.88	4.08	4.57	4.70	**4.87**	3.72	3.45	2.98	2.54	2.65	1.86	1.81	1.39	1.43	1.45	1.00
NC_1481	2.35	3.48	4.34	4.68	4.66	4.92	5.53	5.60	**5.82**	4.43	4.15	3.54	3.02	3.13	2.22	2.15	1.64	1.68	1.71	1.18
NC_1482	8.11	11.13	13.29	14.02	13.71	14.09	15.90	16.11	**16.63**	12.57	11.31	9.46	8.12	8.38	5.80	5.58	4.26	4.36	4.42	3.09
NC_1483	1.65	2.26	2.61	2.70	2.57	2.52	2.94	3.03	**3.11**	2.31	2.01	1.66	1.43	1.45	0.99	0.95	0.72	0.74	0.75	0.52
NC_1484	0.45	0.52	0.64	0.67	0.63	0.58	0.71	**0.79**	0.75	0.56	0.48	0.40	0.34	0.35	0.24	0.23	0.18	0.18	0.18	0.13
NC_1485	0.86	0.96	1.07	1.16	1.09	0.96	1.16	**1.27**	1.15	0.85	0.74	0.60	0.51	0.52	0.36	0.34	0.26	0.27	0.27	0.19
NC_1486	0.43	0.51	0.62	0.64	0.60	0.57	0.68	**0.76**	0.73	0.55	0.47	0.39	0.33	0.34	0.23	0.22	0.17	0.18	0.18	0.12
NC_1487	3.55	4.69	5.49	5.72	5.59	5.58	6.12	6.01	**6.14**	4.69	4.10	3.39	2.94	2.98	2.05	1.97	1.52	1.55	1.57	1.11
NC_1488	2.10	2.69	3.06	3.16	3.16	3.29	3.59	3.60	**3.70**	2.90	2.64	2.27	1.96	2.02	1.43	1.38	1.06	1.09	1.10	0.78
NC_1489	5.14	9.16	12.39	14.97	16.88	20.54	22.39	22.09	**22.43**	18.23	19.73	17.26	15.21	15.04	11.57	11.51	9.51	9.45	10.91	8.15
NC_1490	0.60	0.71	0.86	0.89	0.84	0.82	0.96	**1.08**	1.05	0.79	0.69	0.58	0.50	0.51	0.35	0.34	0.26	0.27	0.27	0.19
NC_1491	4.00	4.62	5.07	**5.15**	4.91	4.57	4.95	5.03	5.02	3.60	3.07	2.39	2.07	2.08	1.42	1.36	1.05	1.07	1.09	0.77
NC_1492	11.86	13.69	14.79	**14.83**	14.20	13.31	13.82	13.63	13.72	9.89	8.31	6.43	5.59	5.58	3.79	3.75	2.82	2.88	2.92	2.10
NC_1493	13.99	17.64	19.94	20.41	19.63	20.19	22.37	22.85	**23.38**	19.70	20.79	18.52	16.84	17.71	13.85	14.10	11.27	11.53	11.77	8.38
NC_1494	1.48	1.64	1.65	**1.81**	1.71	1.45	1.66	1.73	1.54	1.09	0.93	0.70	0.60	0.60	0.41	0.39	0.30	0.31	0.31	0.22
NC_1495	1.23	1.42	1.33	**1.45**	1.37	1.18	1.29	1.33	1.20	0.78	0.67	0.49	0.43	0.43	0.29	0.28	0.22	0.22	0.22	0.16
NC_1496	1.64	1.82	1.80	**1.97**	1.87	1.58	1.79	1.86	1.66	1.16	1.00	0.74	0.64	0.64	0.43	0.42	0.32	0.33	0.33	0.24
NC_1497	2.53	2.72	2.89	**3.03**	2.89	2.54	2.77	2.85	2.65	1.88	1.60	1.20	1.04	1.04	0.71	0.68	0.53	0.54	0.54	0.39
NC_1498	0.40	0.46	0.45	0.52	0.48	0.40	0.49	**0.52**	0.46	0.31	0.27	0.20	0.17	0.18	0.12	0.11	0.09	0.09	0.09	0.06
NC_1499	0.53	0.62	0.57	**0.66**	0.62	0.51	0.61	0.63	0.57	0.37	0.32	0.24	0.21	0.21	0.14	0.13	0.10	0.11	0.11	0.08
NC_1500	3.80	4.25	4.72	4.86	4.62	4.23	4.69	**4.88**	4.77	3.41	2.91	2.27	1.96	1.97	1.34	1.29	0.99	1.01	1.03	0.73
NC_1501	14.30	19.19	22.83	24.65	25.54	29.04	34.99	40.40	**42.40**	38.76	35.64	38.49	34.95	32.51	25.60	27.49	23.54	24.08	25.82	17.98
NC_1502	0.47	0.56	0.52	**0.58**	0.54	0.46	0.52	0.54	0.49	0.31	0.27	0.19	0.17	0.17	0.11	0.11	0.08	0.09	0.09	0.06
NC_1503	2.36	2.56	2.76	**2.92**	2.77	2.44	2.72	2.84	2.63	1.88	1.60	1.22	1.05	1.06	0.72	0.69	0.53	0.54	0.55	0.39
NC_1504	0.42	0.49	0.46	**0.53**	0.50	0.40	0.49	0.52	0.47	0.31	0.26	0.19	0.17	0.17	0.11	0.11	0.08	0.09	0.09	0.06
NC_1505	0.25	0.30	0.28	**0.31**	0.29	0.25	0.28	0.29	0.26	0.16	0.14	0.10	0.09	0.09	0.06	0.06	0.04	0.04	0.05	0.03
NC_1506	1.87	2.06	2.11	**2.28**	2.16	1.86	2.11	2.21	2.01	1.43	1.22	0.93	0.81	0.81	0.55	0.53	0.41	0.42	0.42	0.30
NC_1507	1.94	2.13	2.21	**2.38**	2.26	1.96	2.22	2.32	2.09	1.50	1.29	0.98	0.85	0.85	0.58	0.55	0.43	0.44	0.44	0.31
NC_1508	0.82	0.94	0.90	**1.02**	0.96	0.80	0.95	1.00	0.89	0.61	0.53	0.39	0.34	0.34	0.23	0.22	0.17	0.18	0.18	0.13
NC_1509	1.27	1.44	1.43	1.59	1.50	1.27	1.51	**1.60**	1.40	1.01	0.87	0.67	0.58	0.58	0.40	0.38	0.29	0.30	0.30	0.22
NC_1510	3.19	3.54	3.88	**4.00**	3.80	3.46	3.81	3.95	3.84	2.74	2.34	1.81	1.57	1.58	1.07	1.03	0.79	0.81	0.82	0.58
NC_1511	0.72	0.84	0.77	**0.88**	0.83	0.69	0.81	0.84	0.76	0.50	0.43	0.31	0.27	0.27	0.18	0.18	0.14	0.14	0.14	0.10
NC_1512	1.40	1.55	1.56	**1.71**	1.62	1.37	1.57	1.63	1.46	1.03	0.88	0.66	0.57	0.57	0.39	0.37	0.29	0.29	0.30	0.21
NC_1513	1.61	1.77	1.87	**2.02**	1.91	1.66	1.90	2.00	1.81	1.30	1.12	0.85	0.74	0.74	0.50	0.48	0.37	0.38	0.38	0.27
NC_1514	0.83	0.95	0.92	**1.04**	0.98	0.81	0.98	1.03	0.91	0.63	0.54	0.41	0.35	0.36	0.24	0.23	0.18	0.18	0.18	0.13
NC_1515	0.88	1.01	0.97	**1.09**	1.03	0.85	1.01	1.07	0.95	0.65	0.56	0.42	0.36	0.36	0.25	0.24	0.18	0.19	0.19	0.13
NC_1516	1.12	1.28	1.23	**1.39**	1.31	1.09	1.29	1.35	1.20	0.83	0.72	0.54	0.47	0.47	0.32	0.31	0.23	0.24	0.24	0.17
NC_1517	1.65	1.82	1.87	**2.02**	1.91	1.65	1.87	1.96	1.77	1.26	1.08	0.81	0.70	0.71	0.48	0.46	0.35	0.36	0.37	0.26
NC_1518	0.57	0.66	0.63	**0.72**	0.68	0.55	0.67	0.71	0.63	0.43	0.37	0.27	0.24	0.24	0.16	0.15	0.12	0.12	0.12	0.09
NC_1519	1.11	1.23	1.29	**1.40**	1.32	1.14	1.31	1.38	1.24	0.89	0.76	0.58	0.50	0.50	0.34	0.33	0.25	0.26	0.26	0.18
NC_1520	3.23	5.45	7.02	7.84	8.08	8.63	9.55	9.62	**9.80**	7.44	7.24	6.06	5.14	5.37	3.75	3.73	2.80	2.86	2.97	2.12
NC_1521	2.72	2.98	3.17	**3.37**	3.20	2.81	3.18	3.34	3.08	2.21	1.90	1.46	1.26	1.27	0.86	0.83	0.64	0.65	0.66	0.47
NC_1522	4.06	4.49	4.73	**4.99**	4.74	4.19	4.65	4.84	4.52	3.22	2.75	2.10	1.82	1.82	1.24	1.19	0.92	0.94	0.95	0.68
NC_1523	3.31	3.72	4.06	**4.18**	3.98	3.63	3.99	4.13	4.04	2.88	2.46	1.91	1.65	1.66	1.13	1.09	0.84	0.86	0.87	0.61
NC_1524	1.45	1.65	1.61	**1.79**	1.69	1.41	1.66	1.75	1.55	1.09	0.94	0.71	0.61	0.61	0.42	0.40	0.31	0.32	0.32	0.23
NC_1525	3.51	5.95	7.54	8.15	8.13	8.55	9.54	9.75	**9.97**	7.54	7.04	5.94	5.02	5.27	3.66	3.57	2.68	2.73	2.85	2.03
NC_1526	3.36	4.09	4.39	4.45	4.37	4.38	4.64	4.63	**4.65**	3.89	3.42	2.89	2.50	2.54	1.81	1.75	1.35	1.38	1.43	1.09
NC_1527	0.95	1.07	1.02	**1.13**	1.07	0.90	1.01	1.04	0.94	0.62	0.54	0.39	0.34	0.34	0.23	0.22	0.17	0.17	0.18	0.13
NC_1528	0.64	0.74	0.69	**0.77**	0.73	0.61	0.69	0.72	0.65	0.41	0.36	0.26	0.23	0.23	0.15	0.15	0.11	0.12	0.12	0.08
NC_1529	0.45	0.52	0.48	**0.56**	0.52	0.43	0.51	0.53	0.48	0.31	0.27	0.20	0.17	0.17	0.12	0.11	0.09	0.09	0.09	0.06
NC_1530	6.30	14.36	21.01	25.55	27.76	30.88	33.98	33.79	**34.61**	26.10	26.63	22.47	19.56	20.20	14.10	13.62	10.68	10.75	11.24	7.74
NC_1531	0.40	0.47	0.43	**0.50**	0.47	0.39	0.46	0.48	0.43	0.28	0.24	0.18	0.15	0.15	0.10	0.10	0.08	0.08	0.08	0.06

Subcatchment ID	Peak Discharge (m^3/s)																		
	10 min	15 min	20 min	25 min	30 min	45 min	60 min	90 min	120 min	180 min	270 min	360 min	540 min	720 min	1080 min	1440 min	1800 min	2160 min	2880 min	4320 min
NC_1532	7.51	9.22	10.49	11.43	12.09	15.96	19.57	22.03	**22.85**	19.51	17.60	17.64	19.41	14.10	11.83	15.48	14.86	15.47	17.71	11.60
NC_1533	6.58	8.37	9.84	10.97	11.78	14.91	17.87	20.51	**21.33**	19.65	17.91	18.00	19.04	14.49	12.59	15.70	15.49	16.18	18.75	12.16
NC_1534	2.92	3.88	4.52	4.66	4.54	4.64	5.14	5.18	**5.29**	4.07	3.60	3.04	2.60	2.66	1.87	1.81	1.39	1.42	1.44	1.02
NC_1535	5.03	6.00	6.65	6.74	6.43	6.10	6.73	6.89	**6.91**	5.10	4.33	3.49	3.01	3.04	2.08	2.01	1.54	1.58	1.60	1.13
NC_1536	0.60	0.69	0.64	**0.73**	0.69	0.57	0.67	0.69	0.63	0.41	0.35	0.26	0.22	0.22	0.15	0.14	0.11	0.11	0.12	0.08
NC_1537	2.03	2.65	3.03	3.10	2.98	2.95	3.31	3.33	**3.40**	2.59	2.23	1.86	1.60	1.63	1.12	1.08	0.83	0.85	0.86	0.61
NC_1538	1.31	1.51	1.41	**1.54**	1.46	1.25	1.38	1.42	1.28	0.84	0.72	0.53	0.46	0.46	0.31	0.30	0.23	0.24	0.24	0.17

Appendix K

Sensitivity Difference Maps

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HYDROLOGIC MODEL INPUTS 2
HYDRAULIC MODEL INPUTS 11
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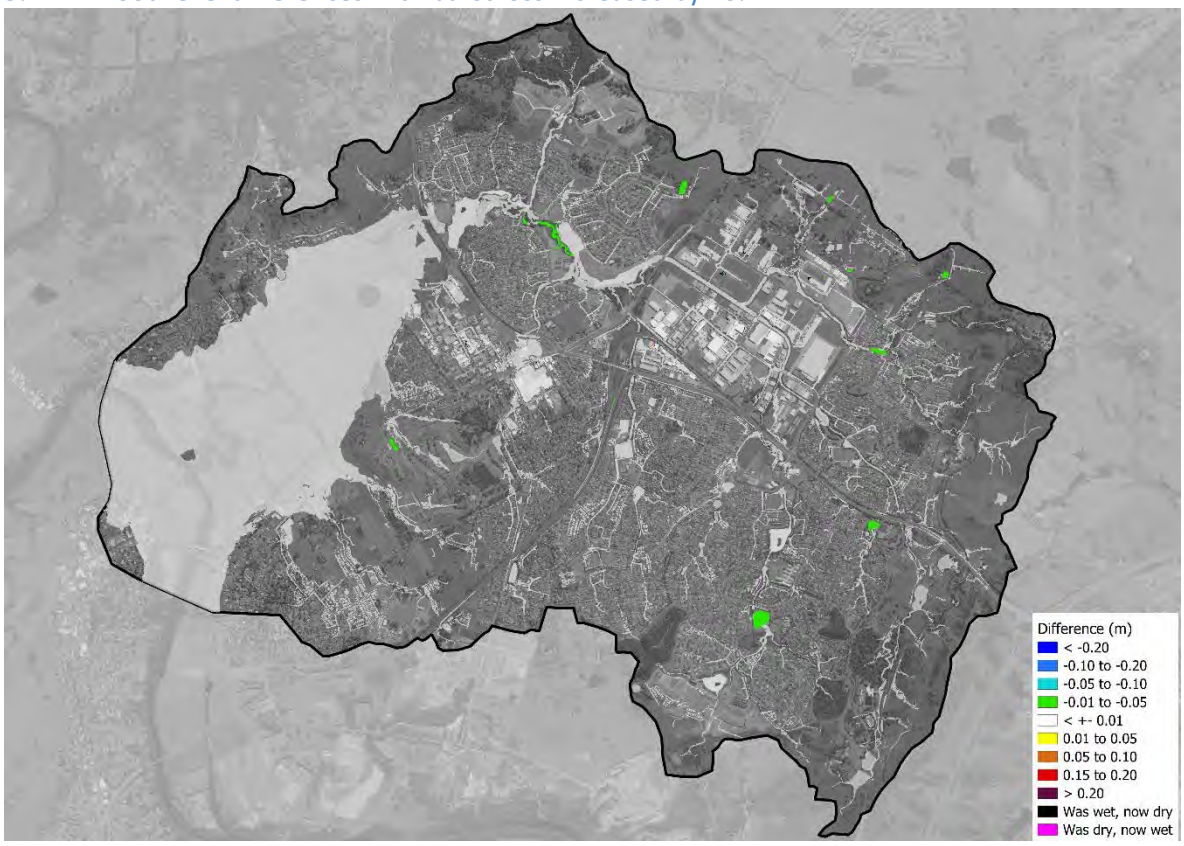
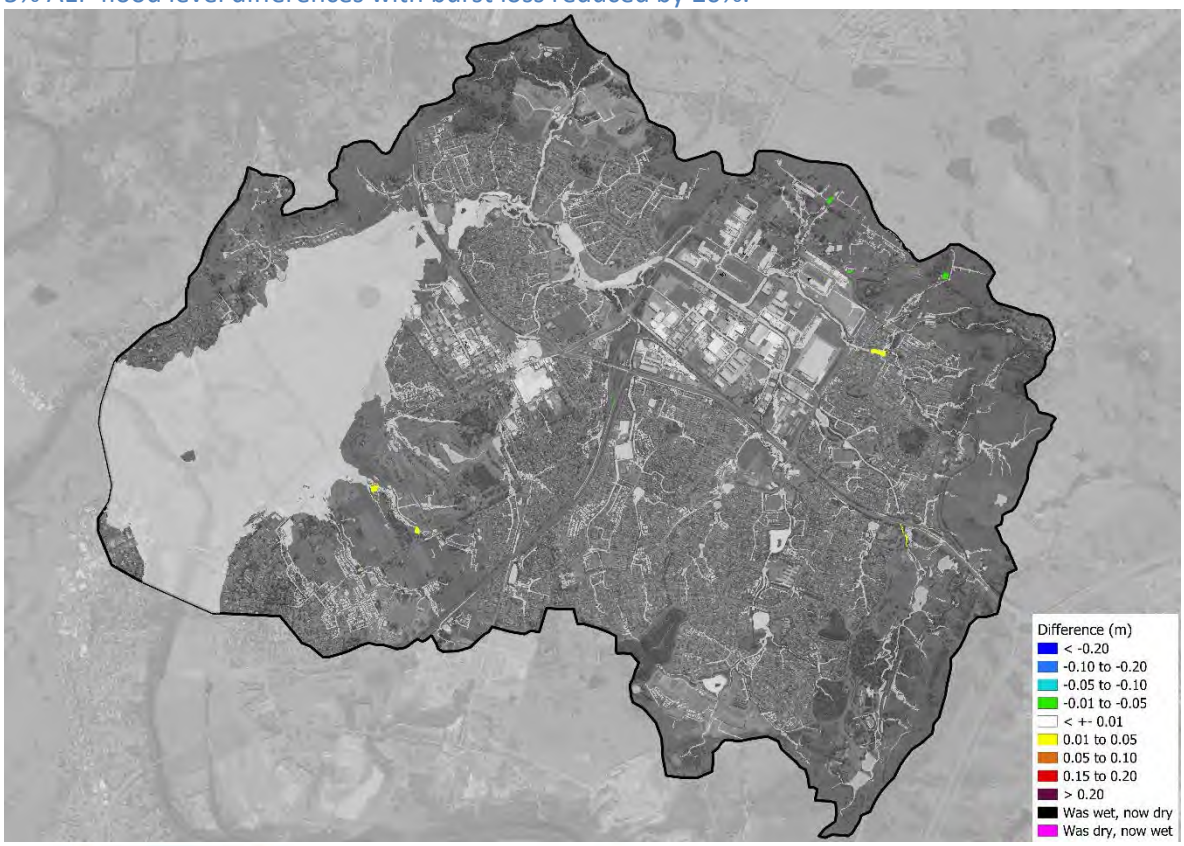
Hydrologic Model Inputs

Burst Loss

5% AEP flood level differences with burst loss increased by 20%.

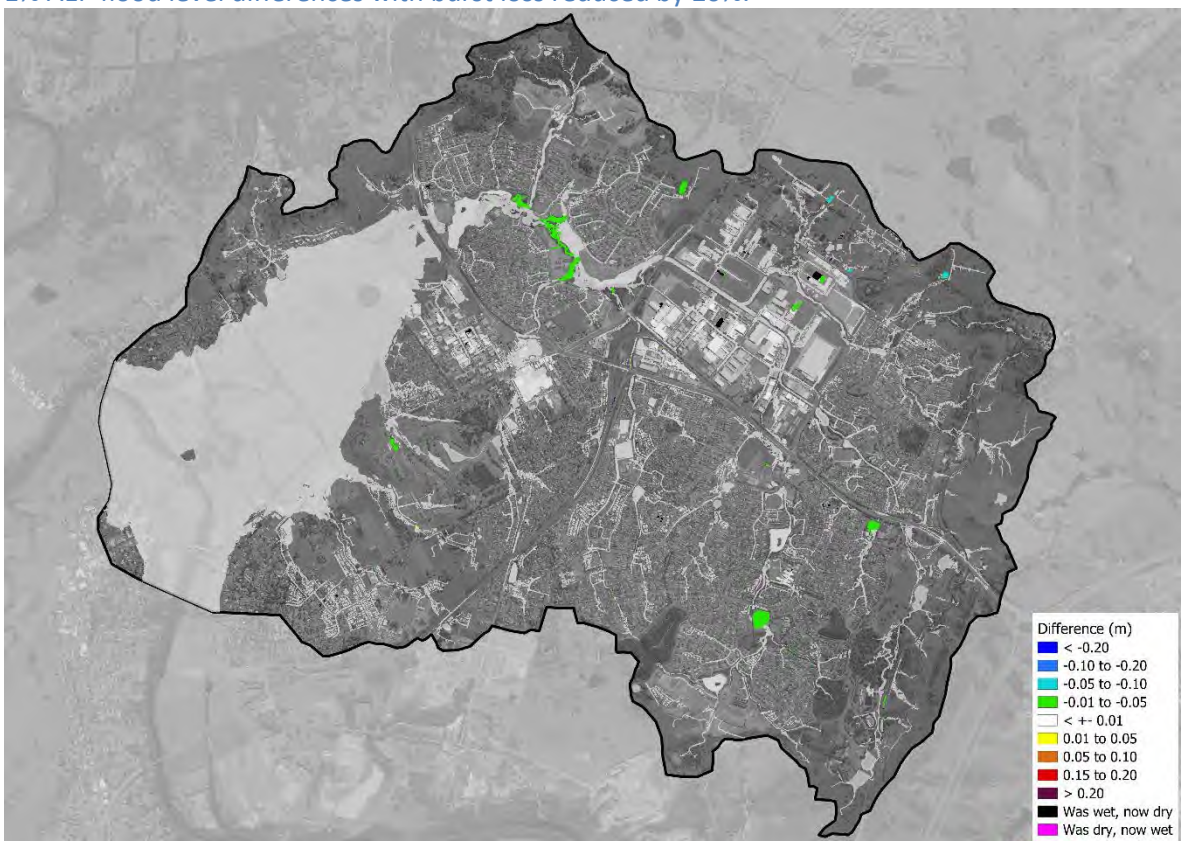


5% AEP flood level differences with burst loss reduced by 20%.

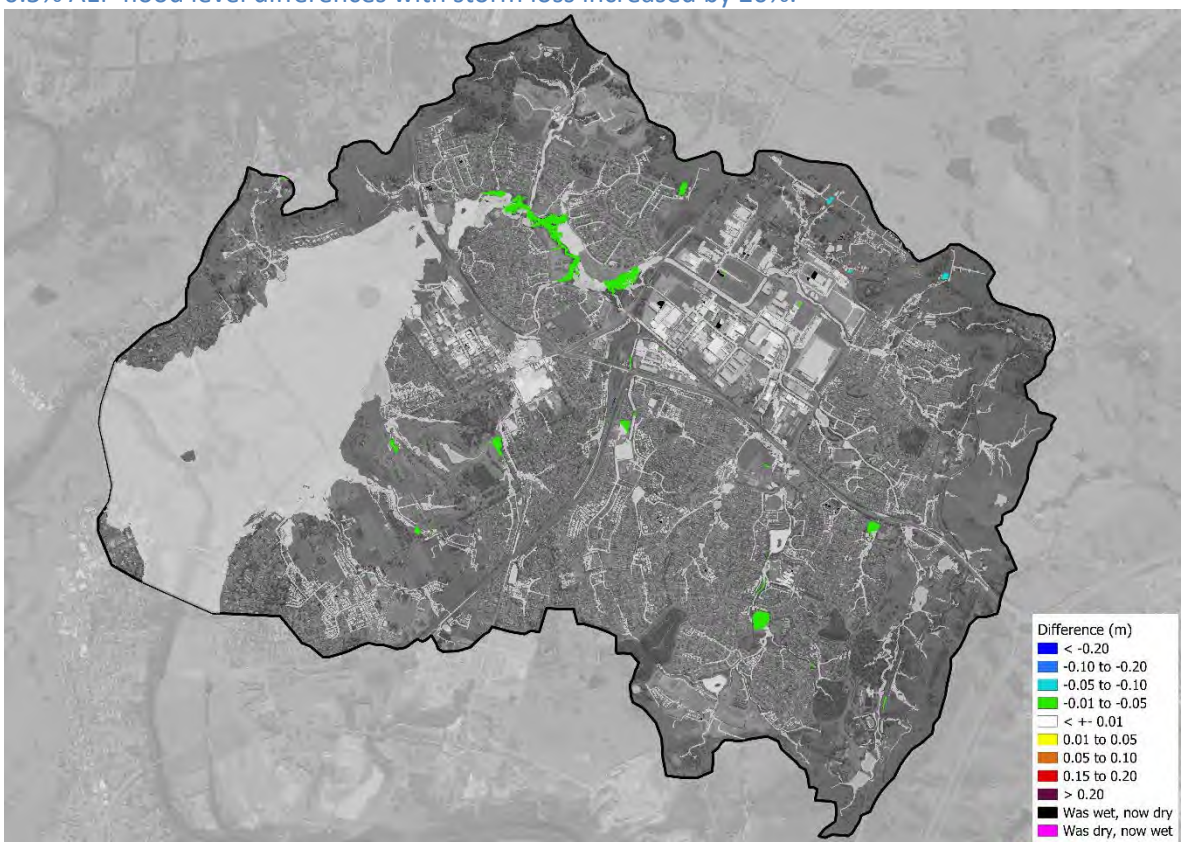


1% AEP flood level differences with burst loss increased by 20%.

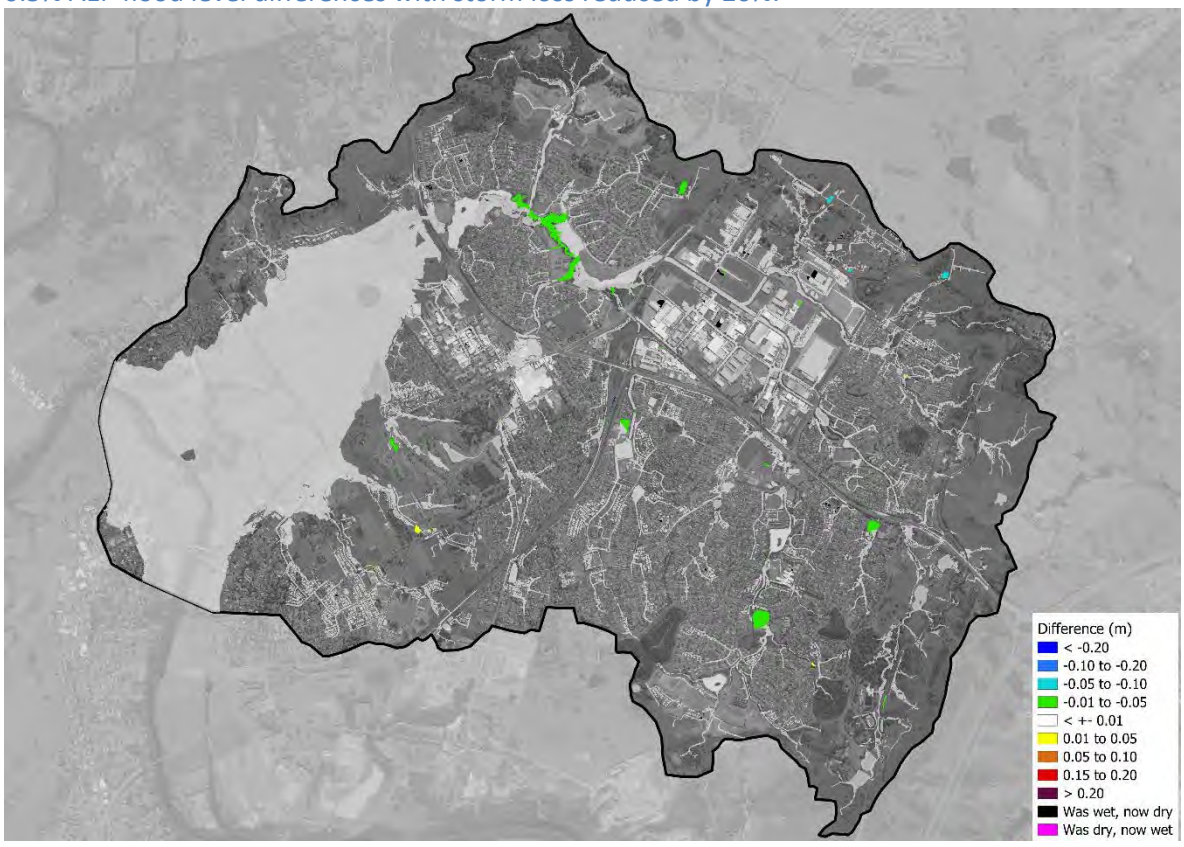
1% AEP flood level differences with burst loss reduced by 20%.



0.5% AEP flood level differences with storm loss increased by 20%.



0.5% AEP flood level differences with storm loss reduced by 20%.



Continuing Loss Rate

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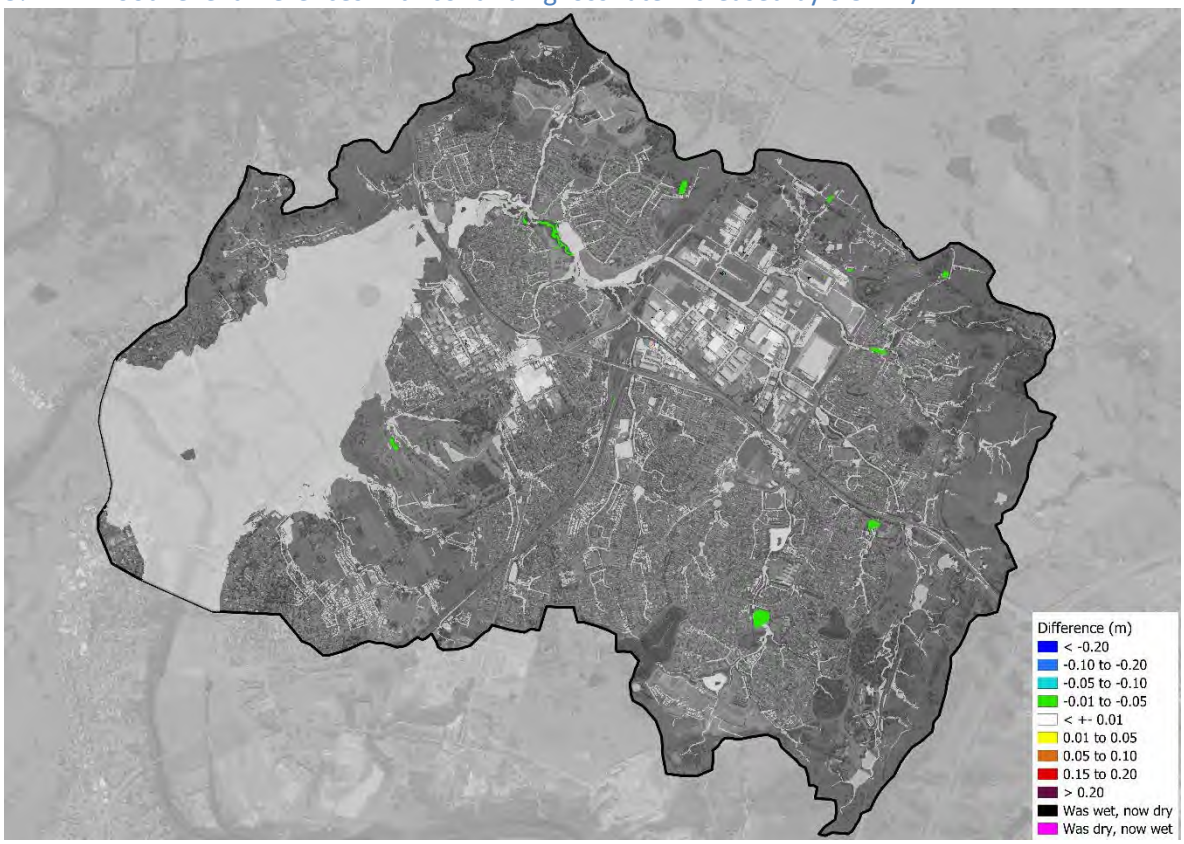

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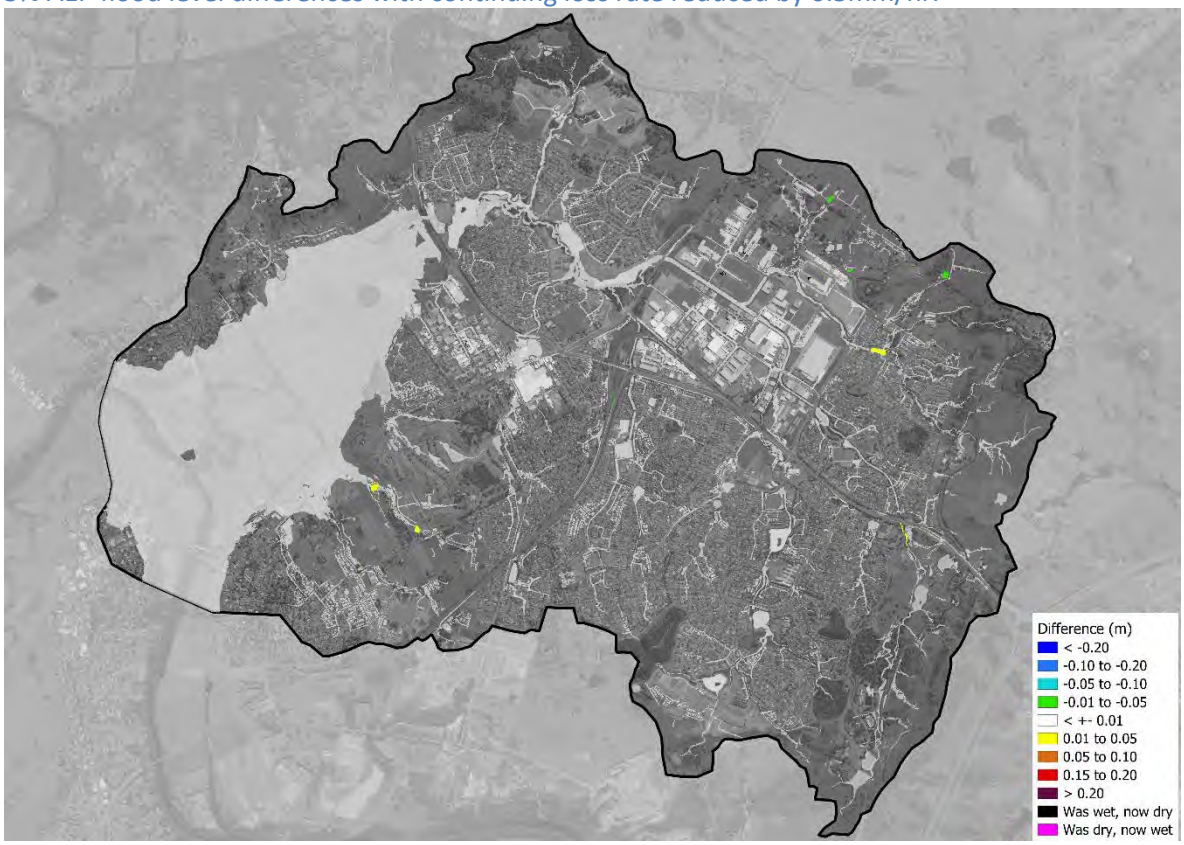

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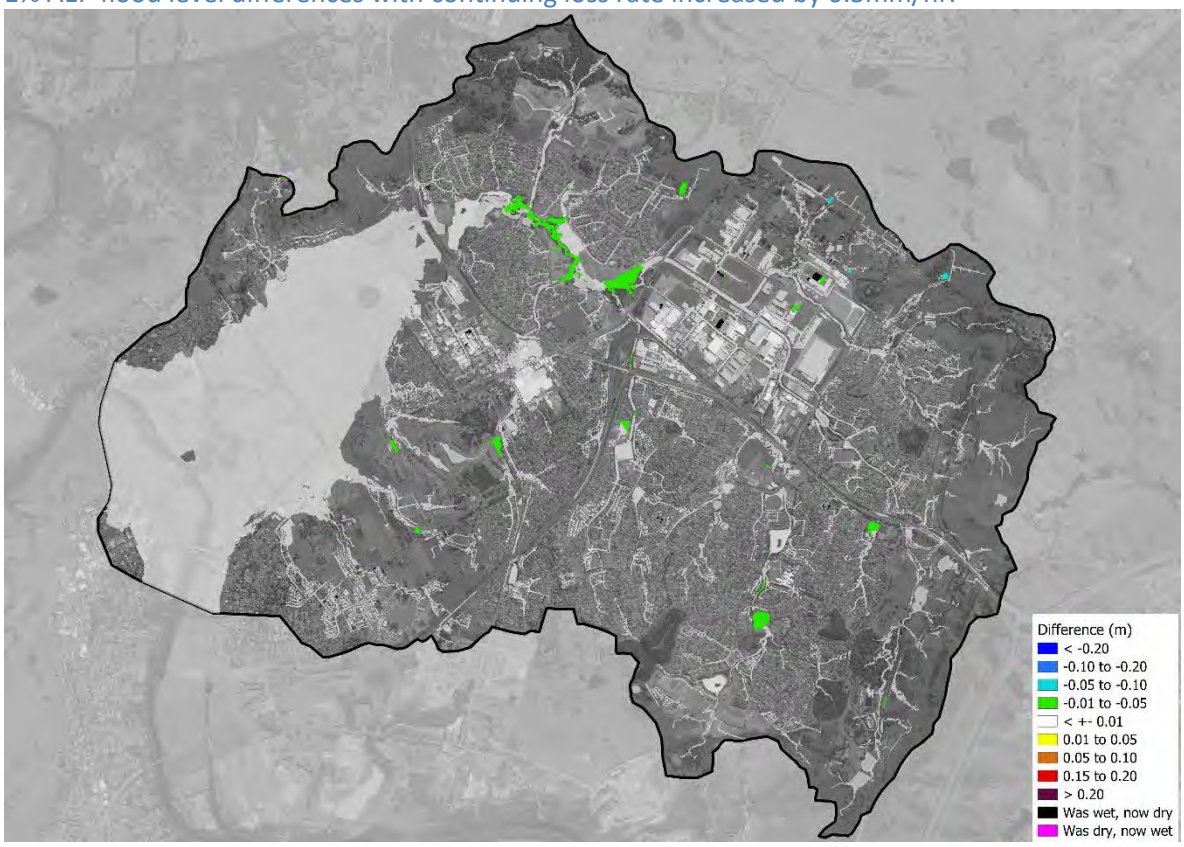
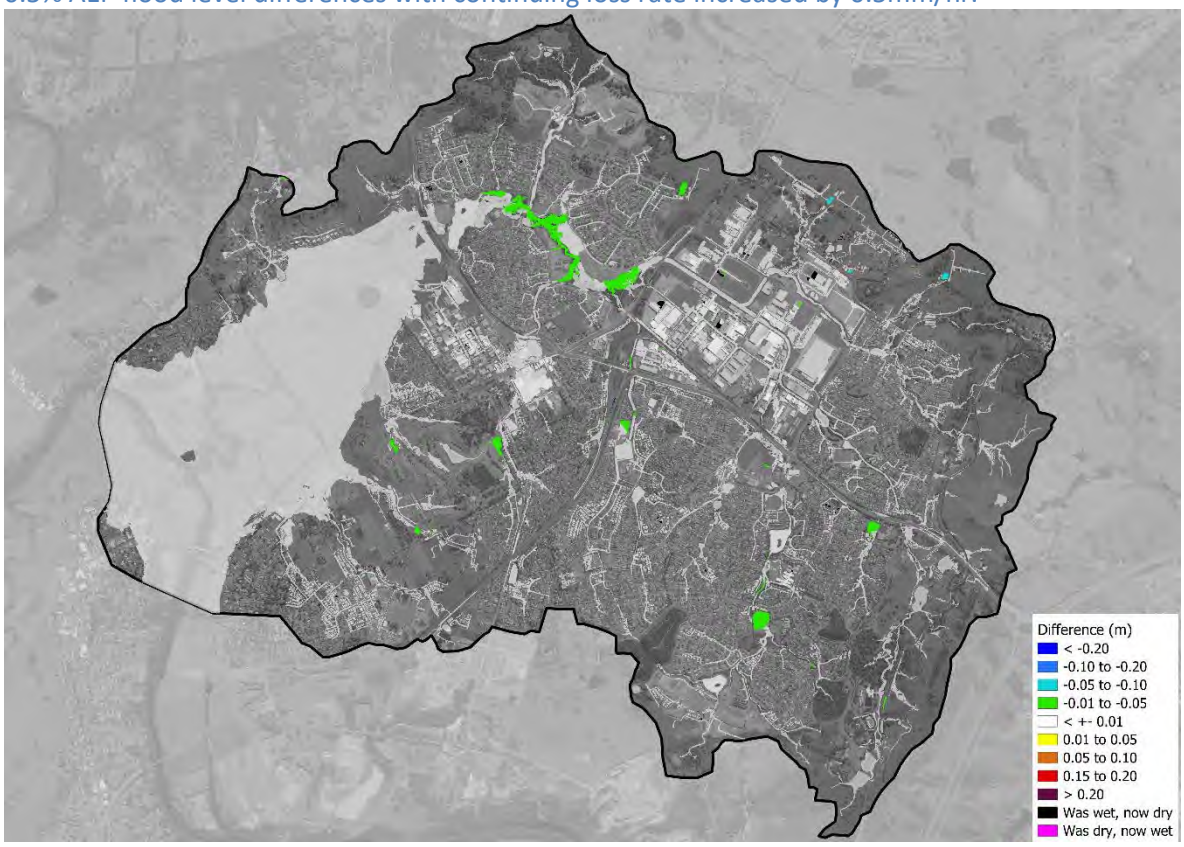
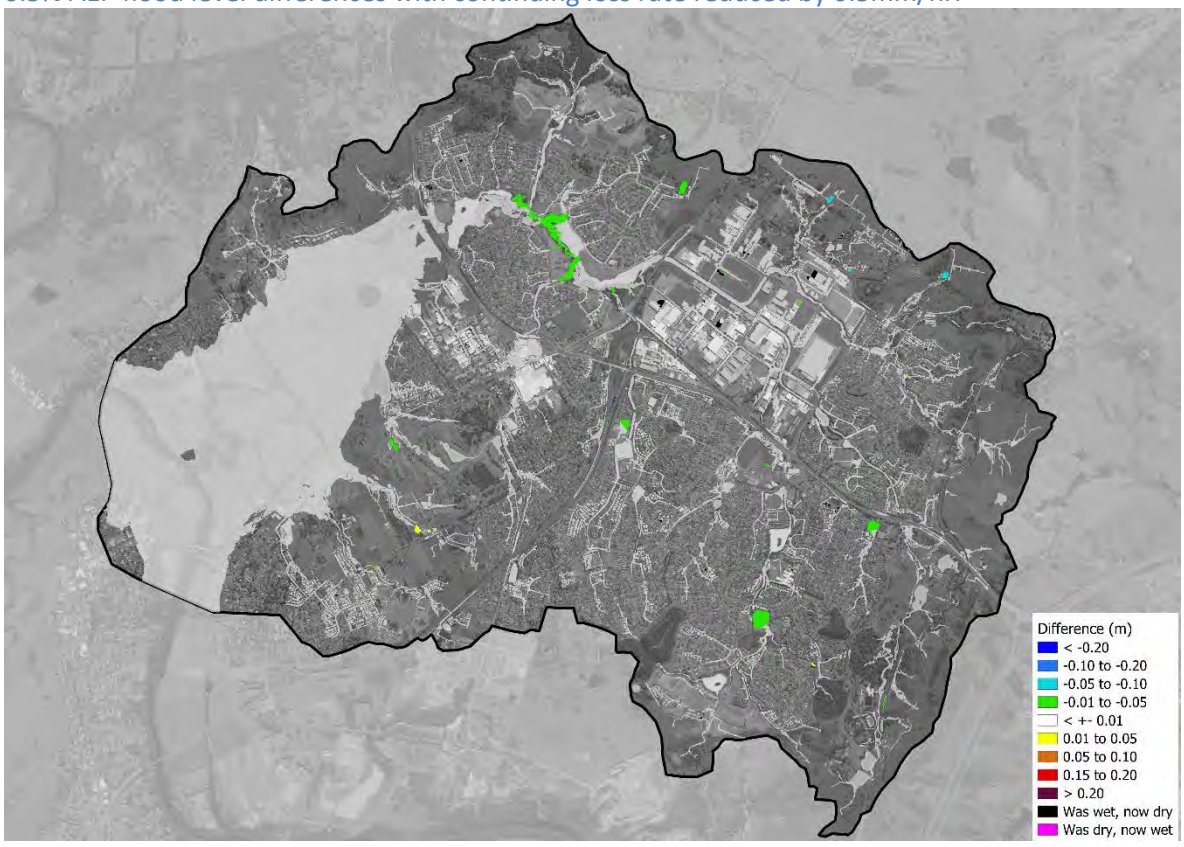


1% AEP flood level differences with continuing loss rate reduced by 0.5mm/hr.

0.5% AEP flood level differences with continuing loss rate increased by 0.5mm/hr.

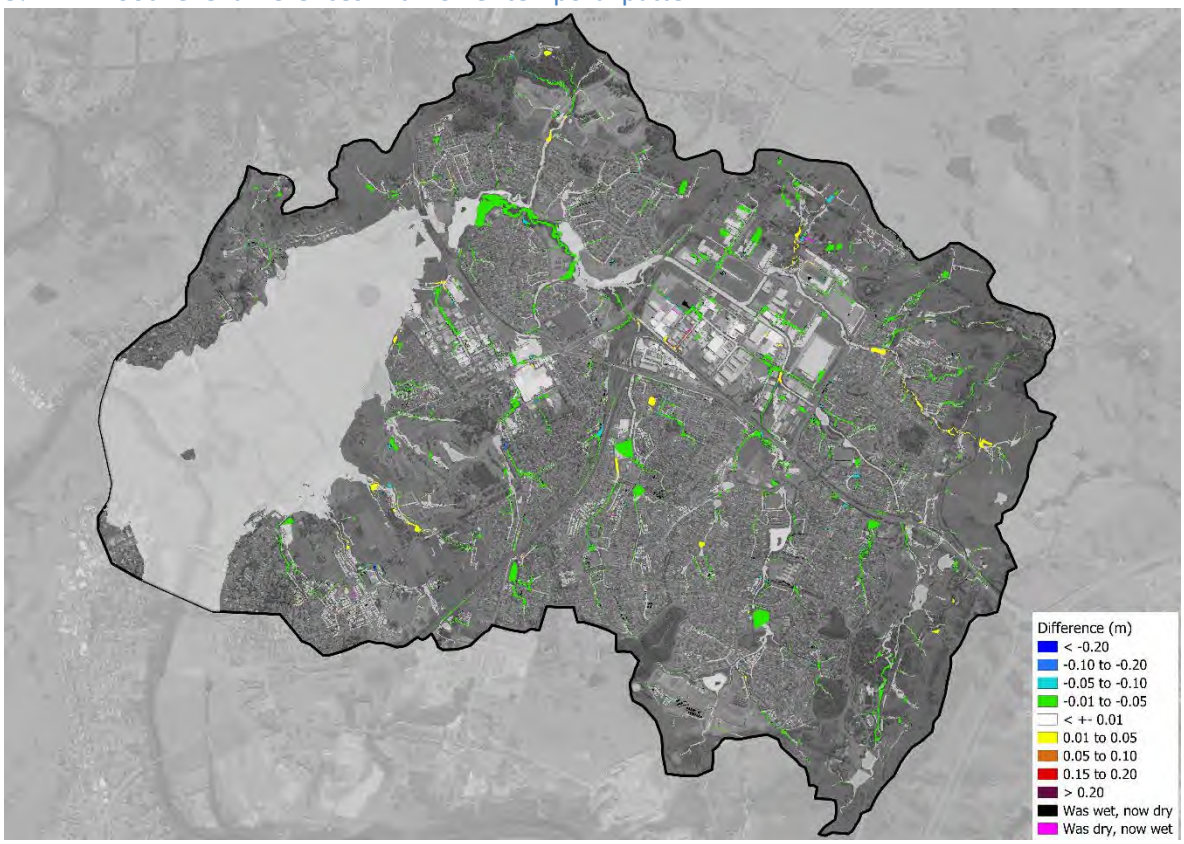


0.5% AEP flood level differences with continuing loss rate reduced by 0.5mm/hr.

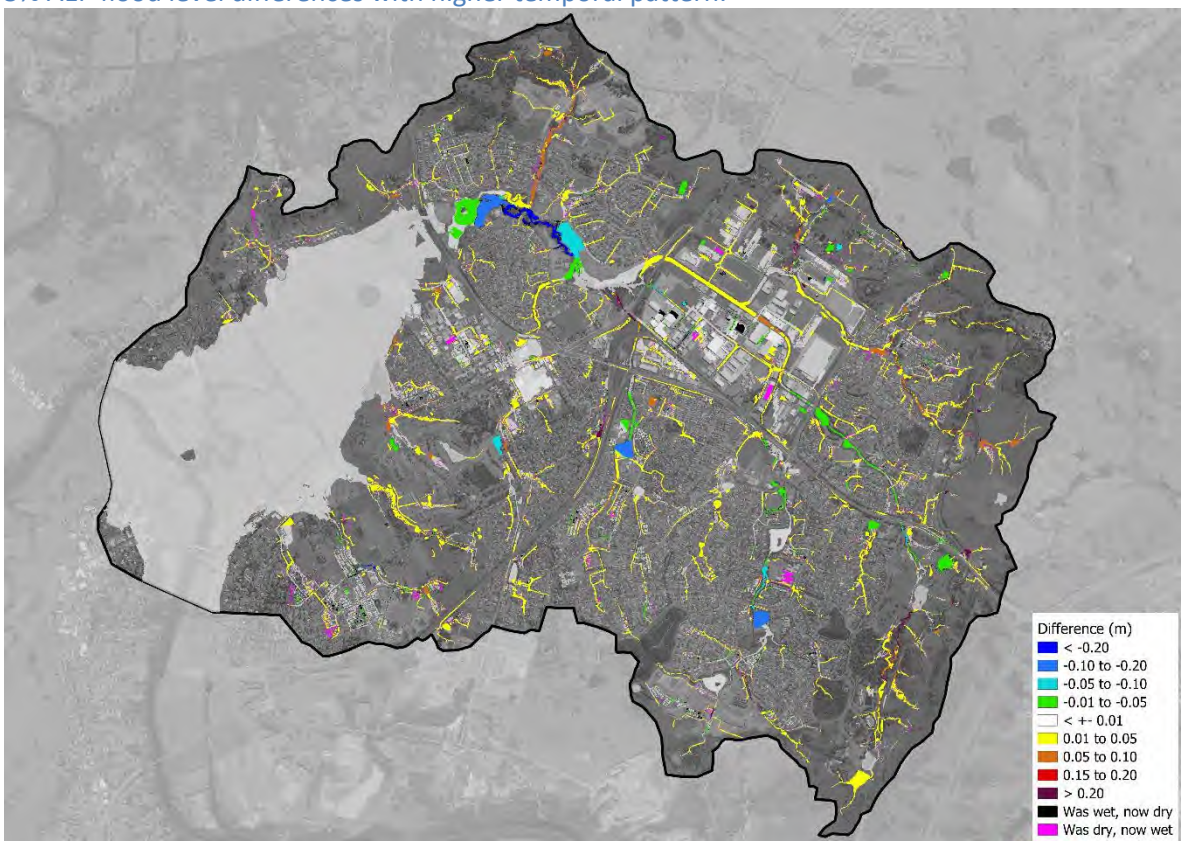


Temporal Pattern

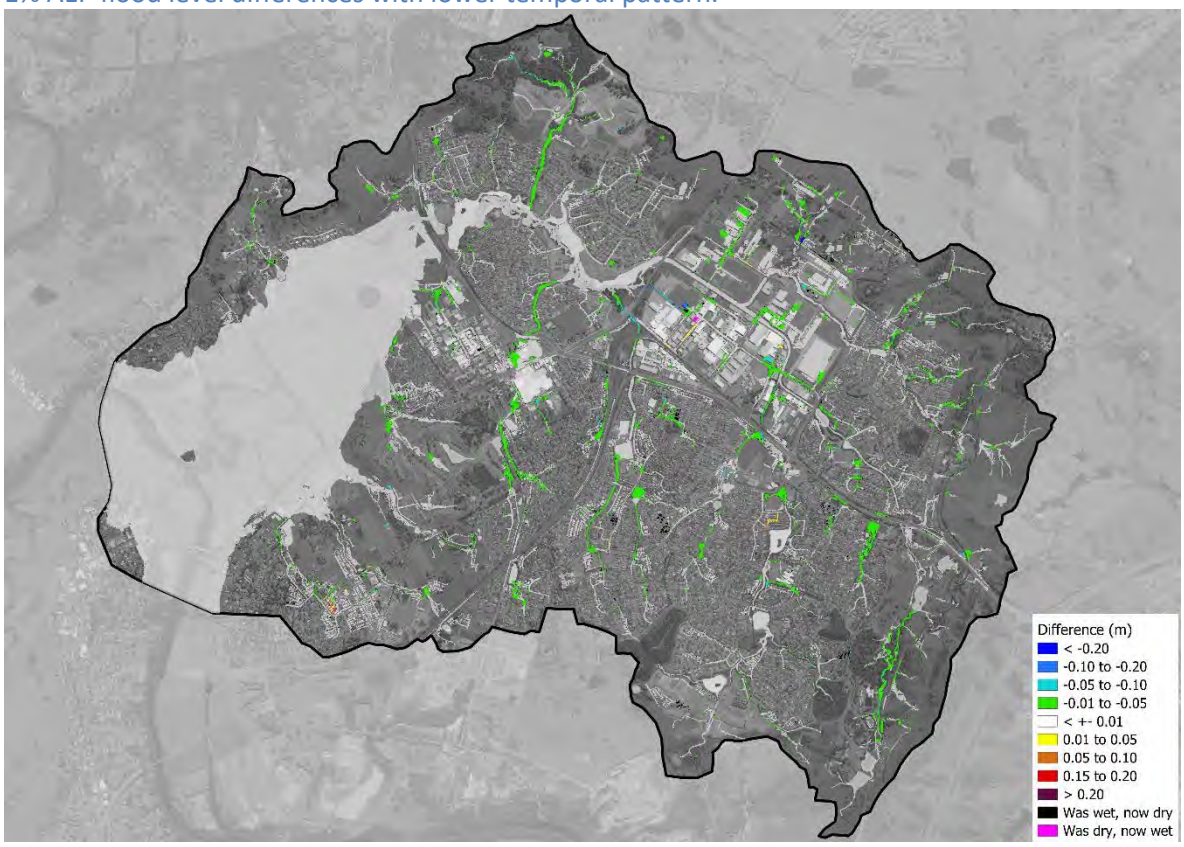
5% AEP flood level differences with lower temporal pattern.



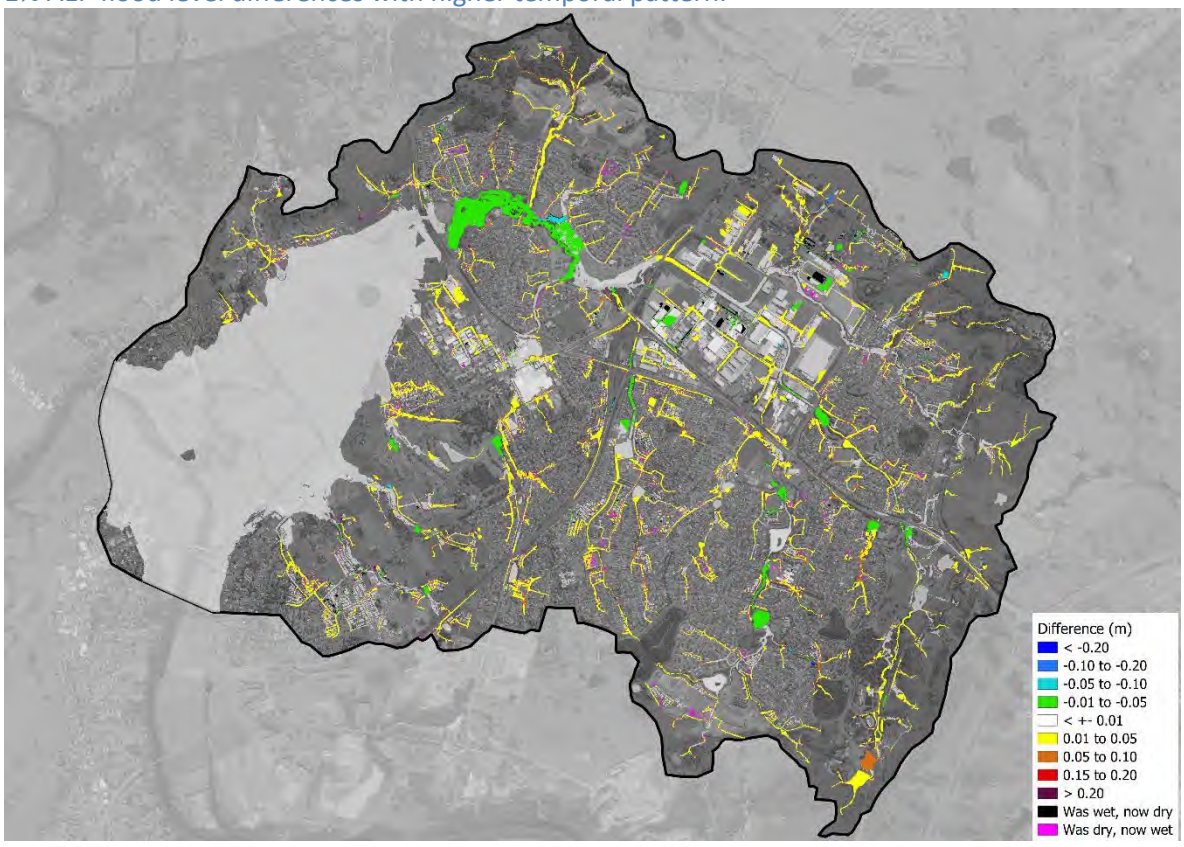
5% AEP flood level differences with higher temporal pattern.



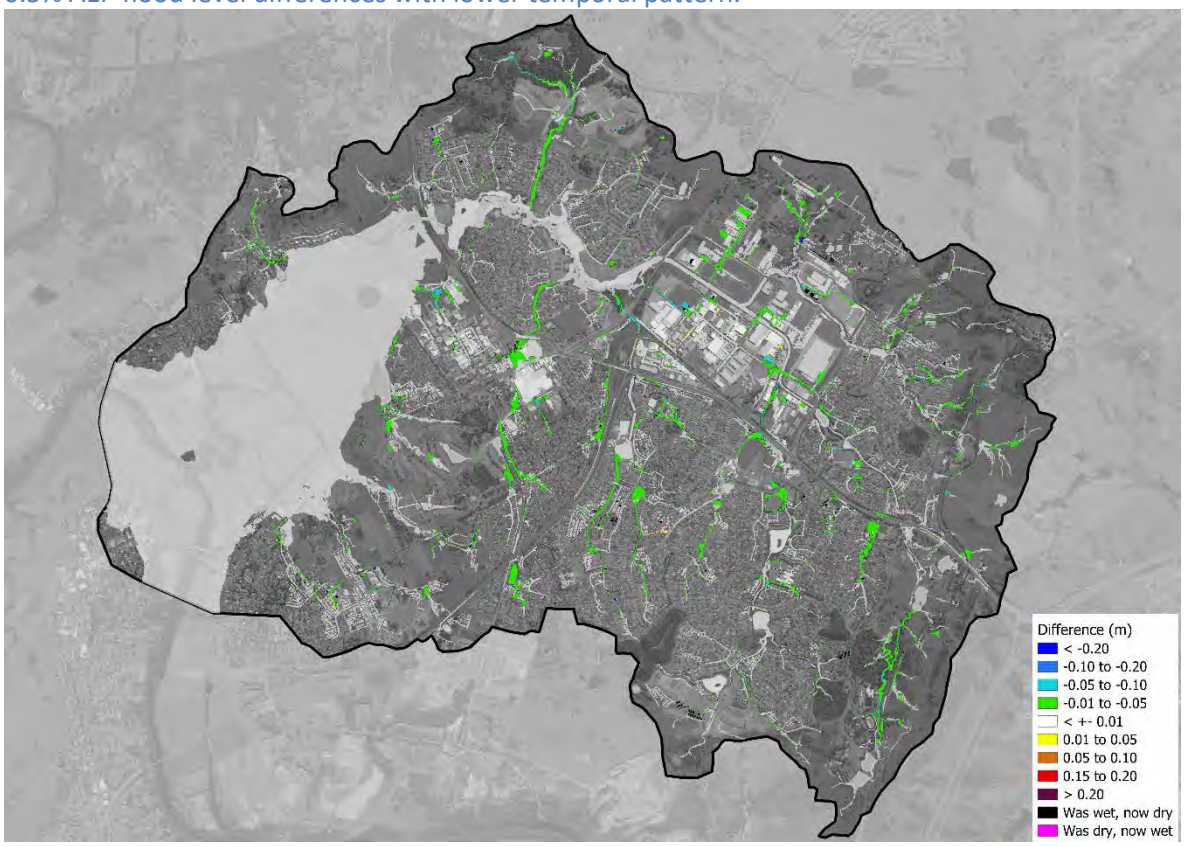
1% AEP flood level differences with lower temporal pattern.



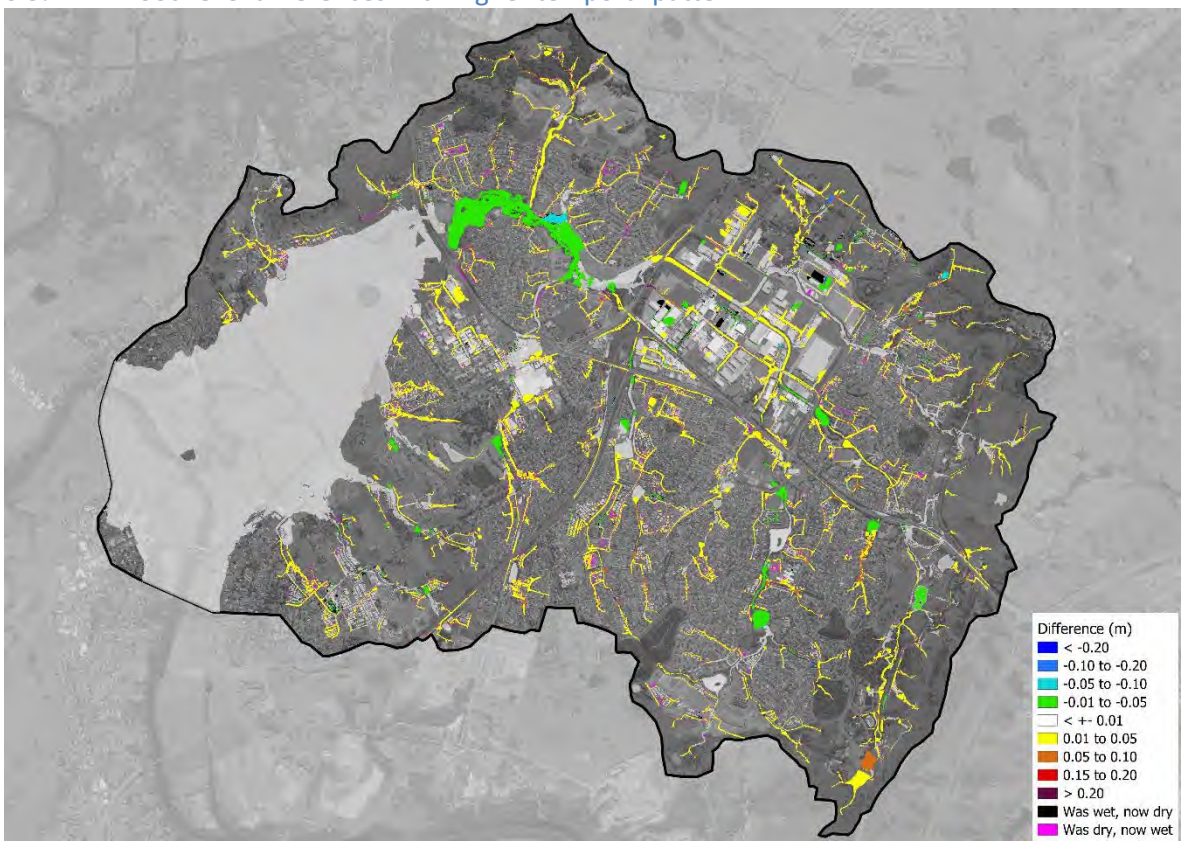
1% AEP flood level differences with higher temporal pattern.



0.5% AEP flood level differences with lower temporal pattern.



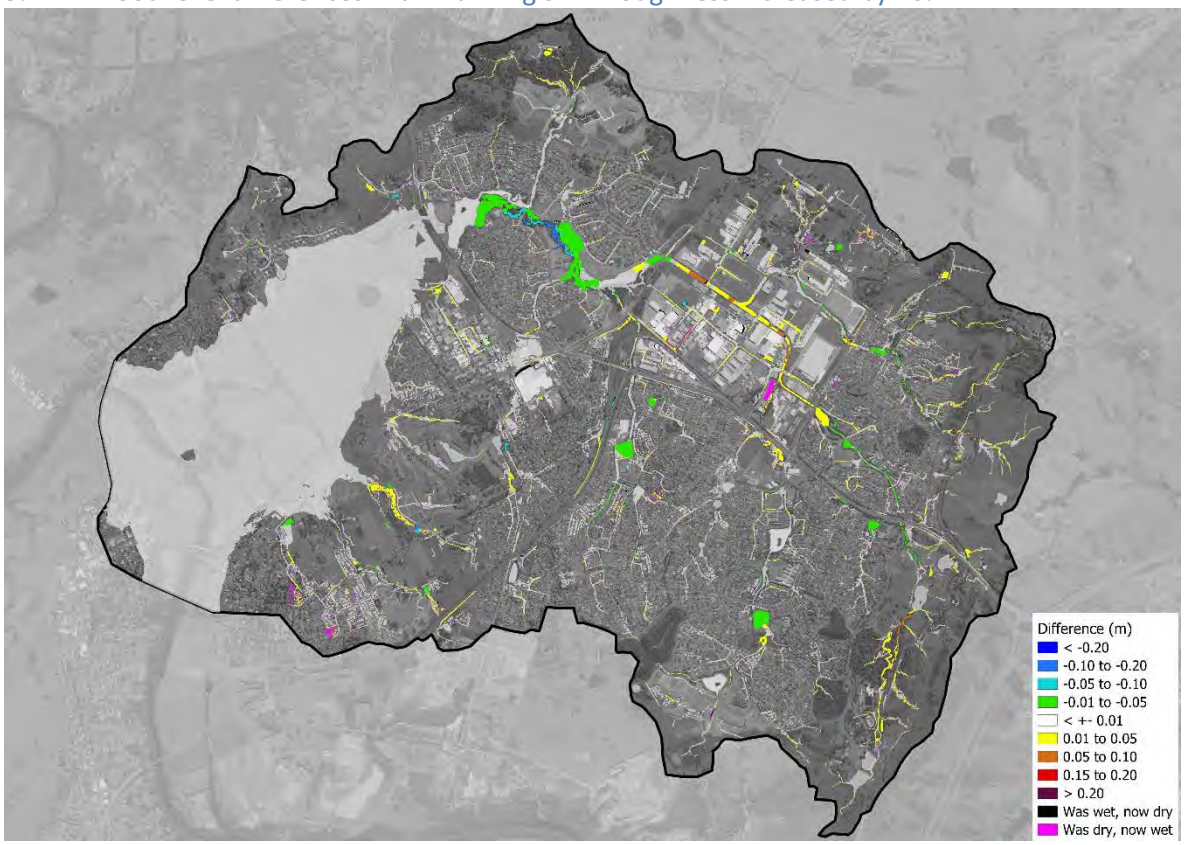
0.5% AEP flood level differences with higher temporal pattern.



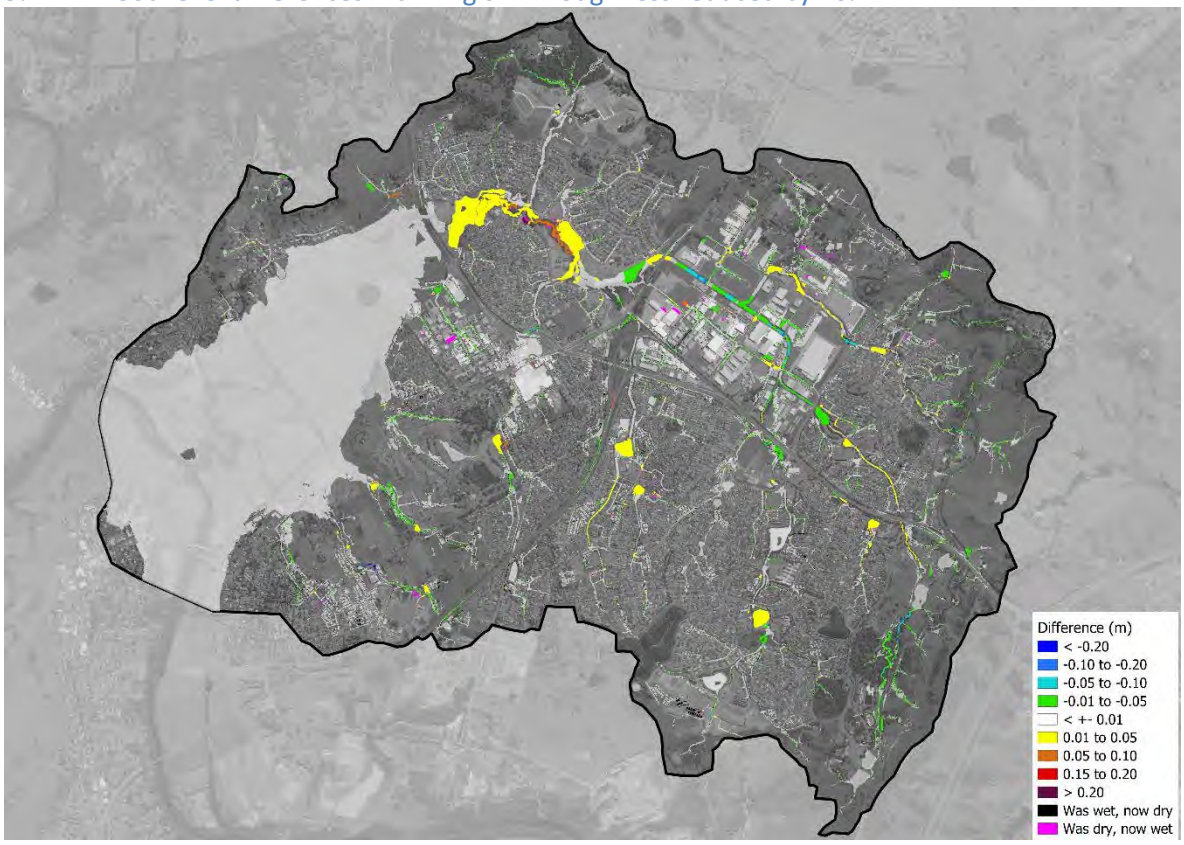
Hydraulic Model Inputs

Roughness Coefficients

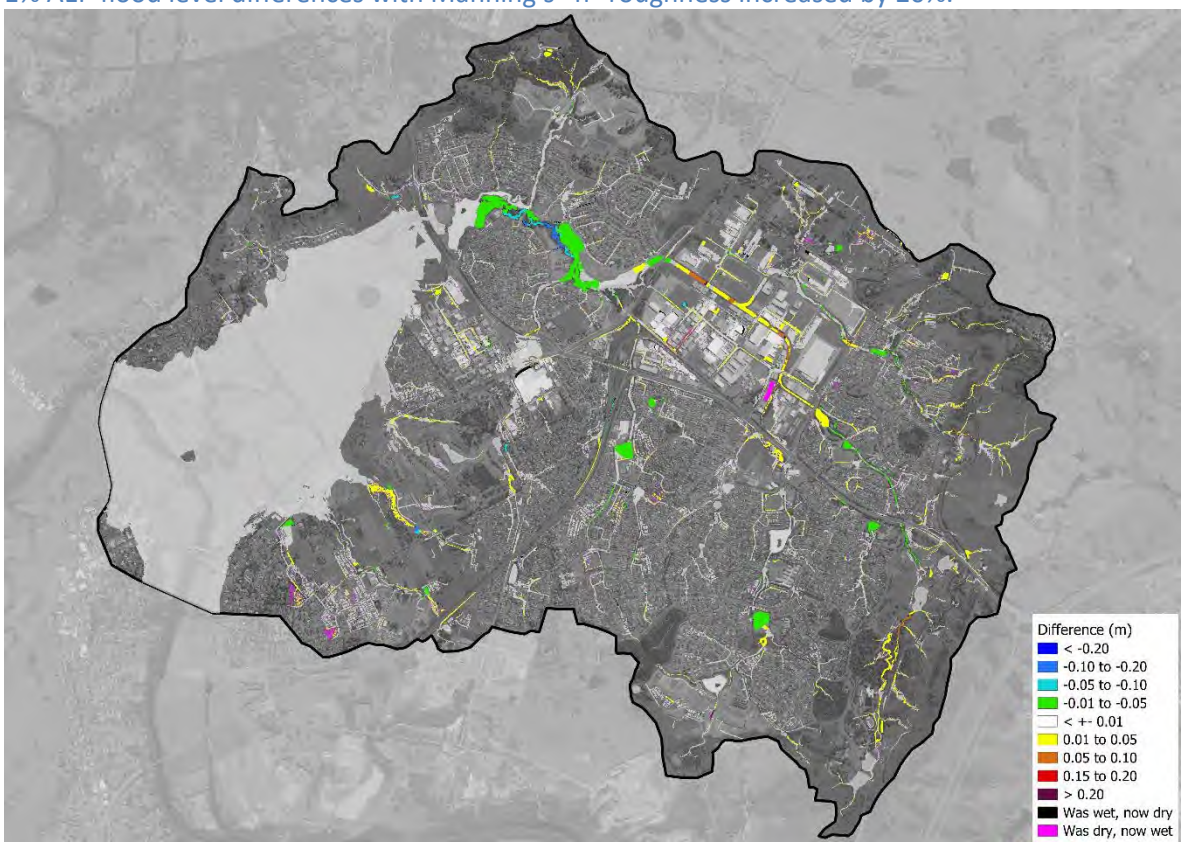
5% AEP flood level differences with Manning's "n" roughness increased by 20%.



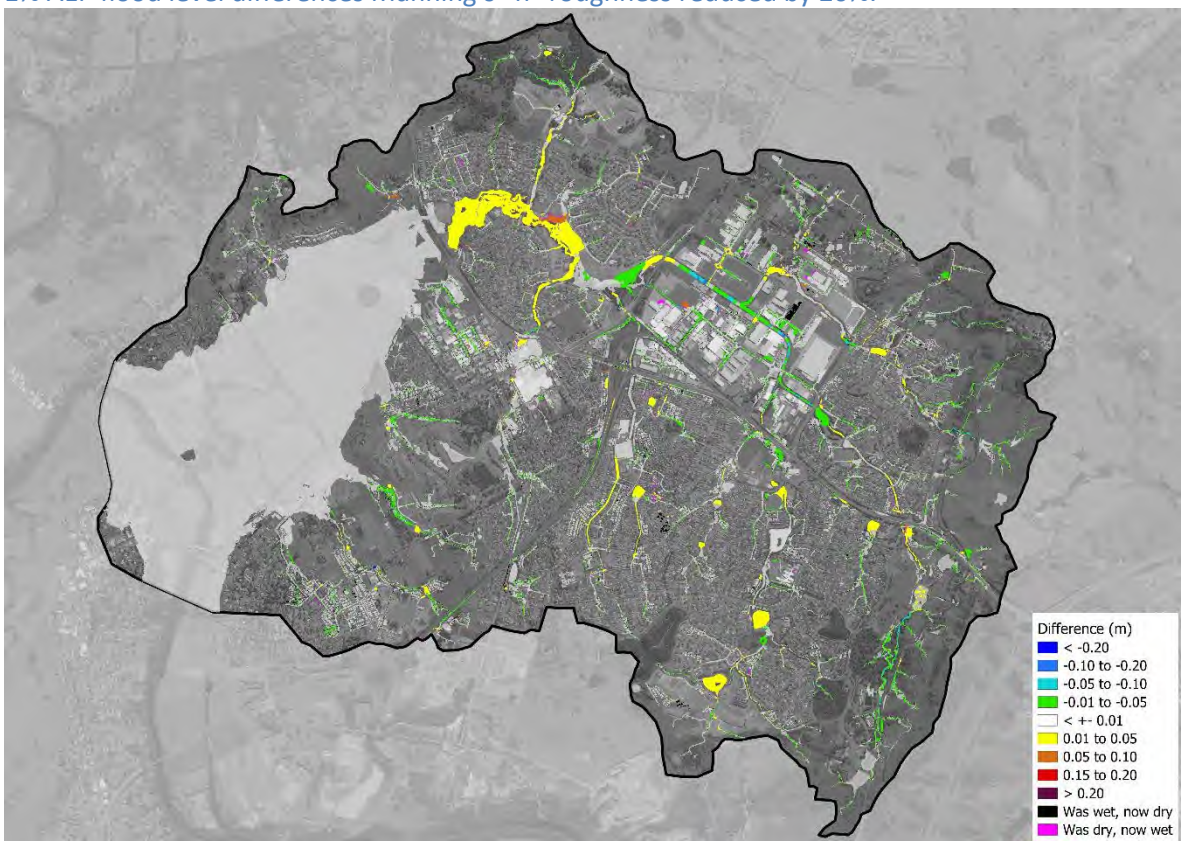
5% AEP flood level differences Manning's "n" roughness reduced by 20%.



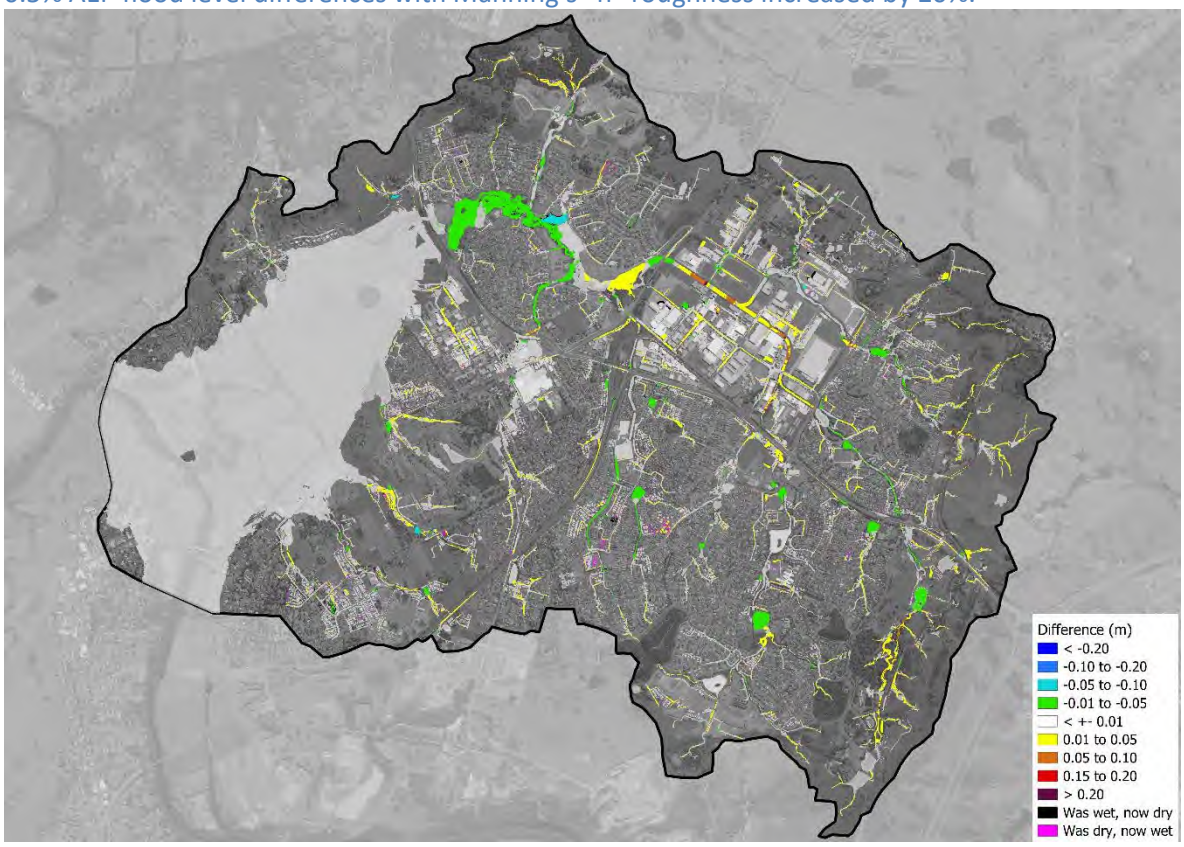
1% AEP flood level differences with Manning's "n" roughness increased by 20%.



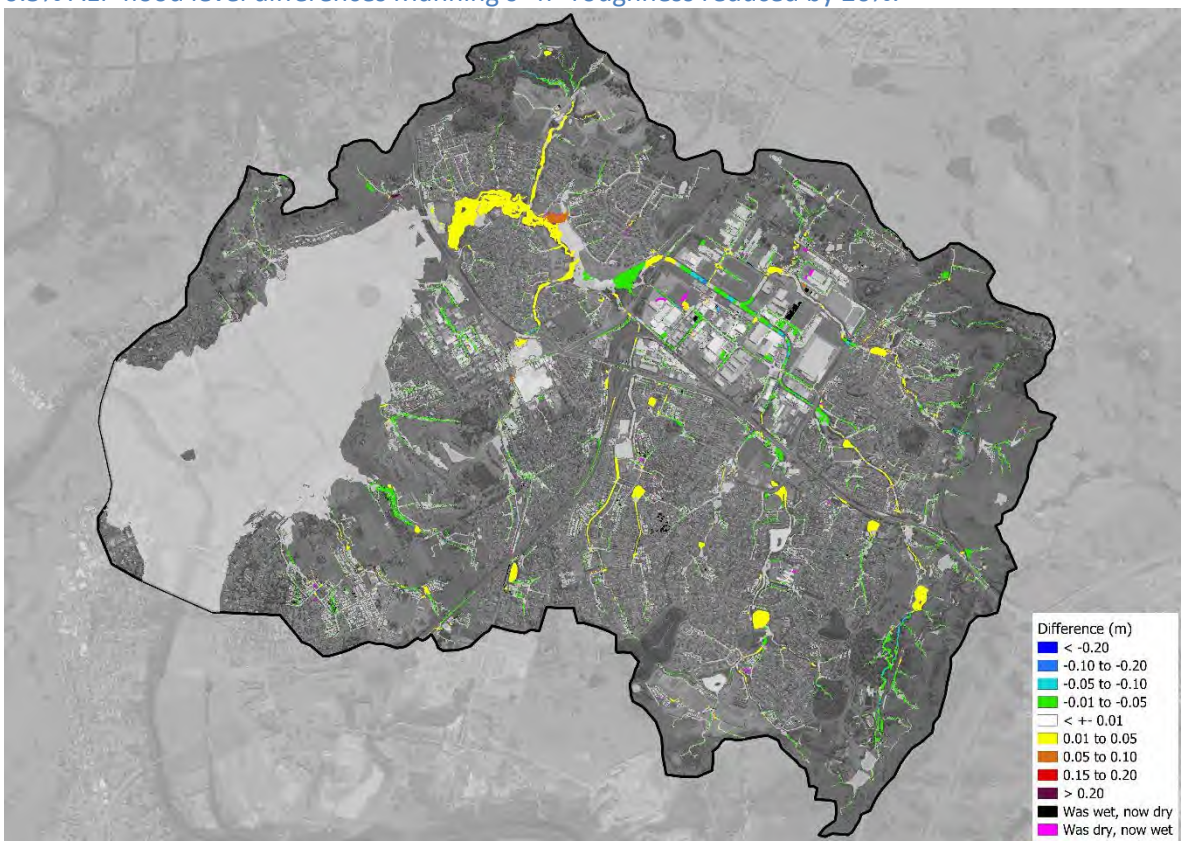
1% AEP flood level differences Manning's "n" roughness reduced by 20%.



0.5% AEP flood level differences with Manning's "n" roughness increased by 20%.

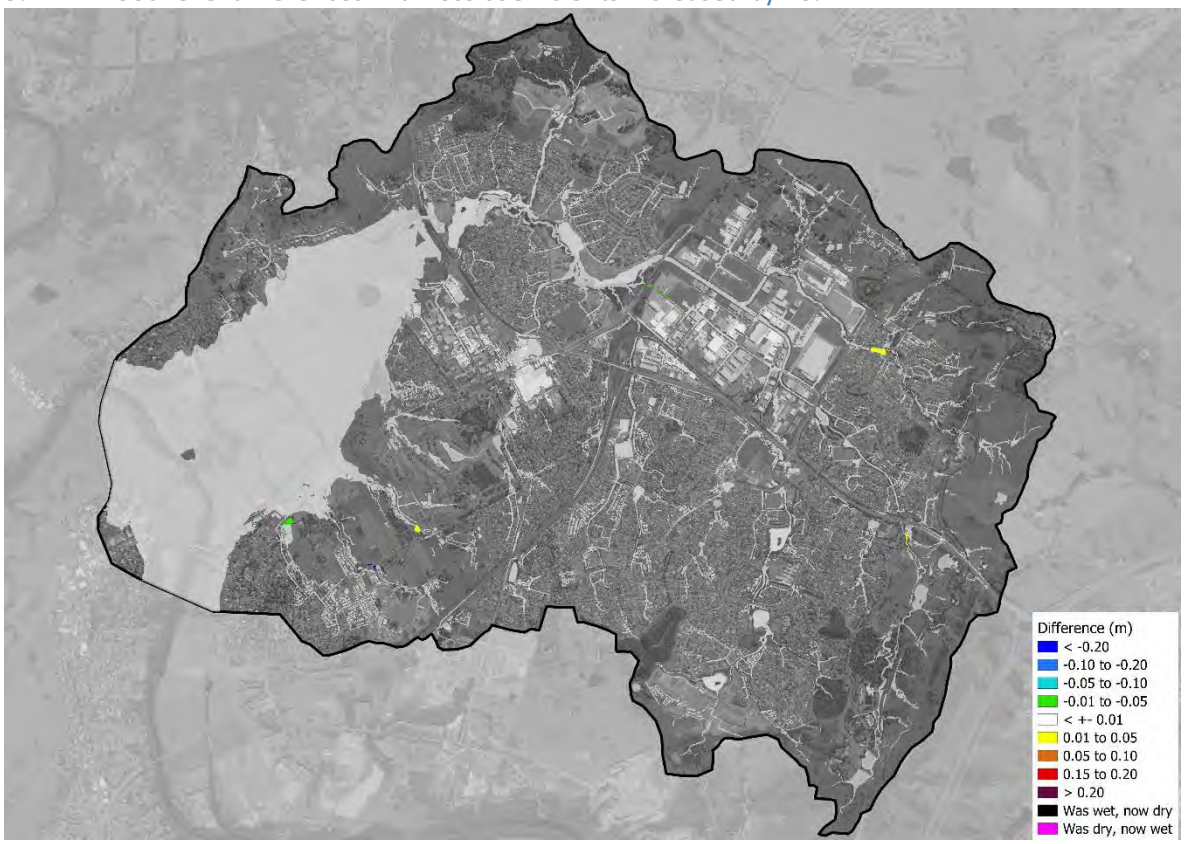


0.5% AEP flood level differences Manning's "n" roughness reduced by 20%.

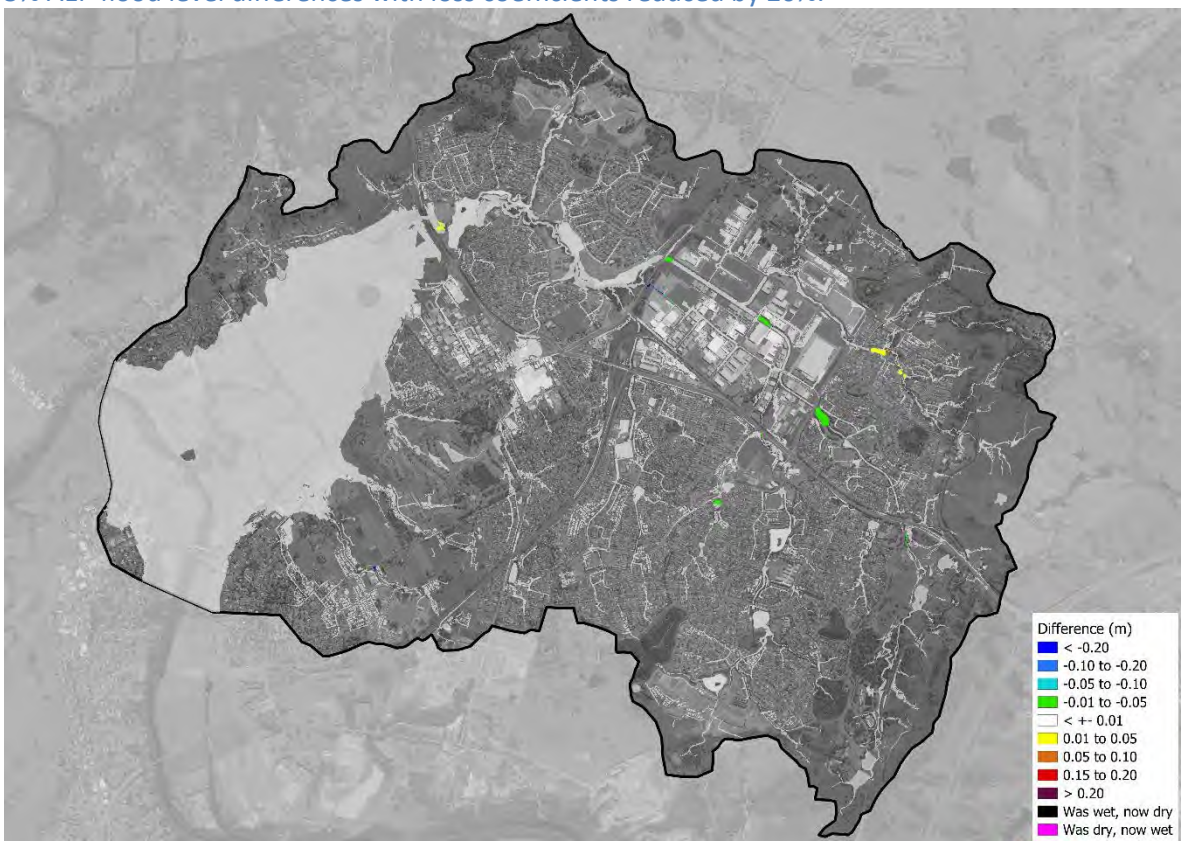


Structure Losses

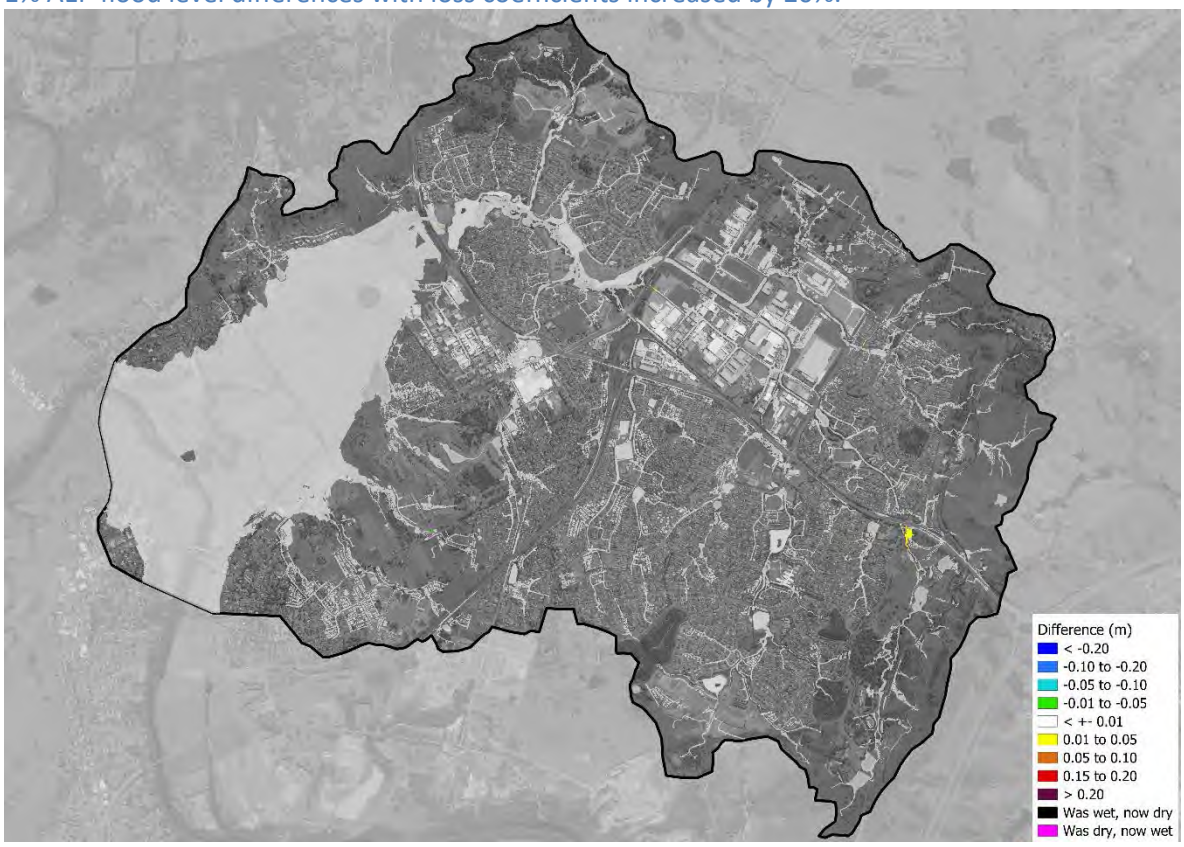
5% AEP flood level differences with loss coefficients increased by 20%.



5% AEP flood level differences with loss coefficients reduced by 20%.

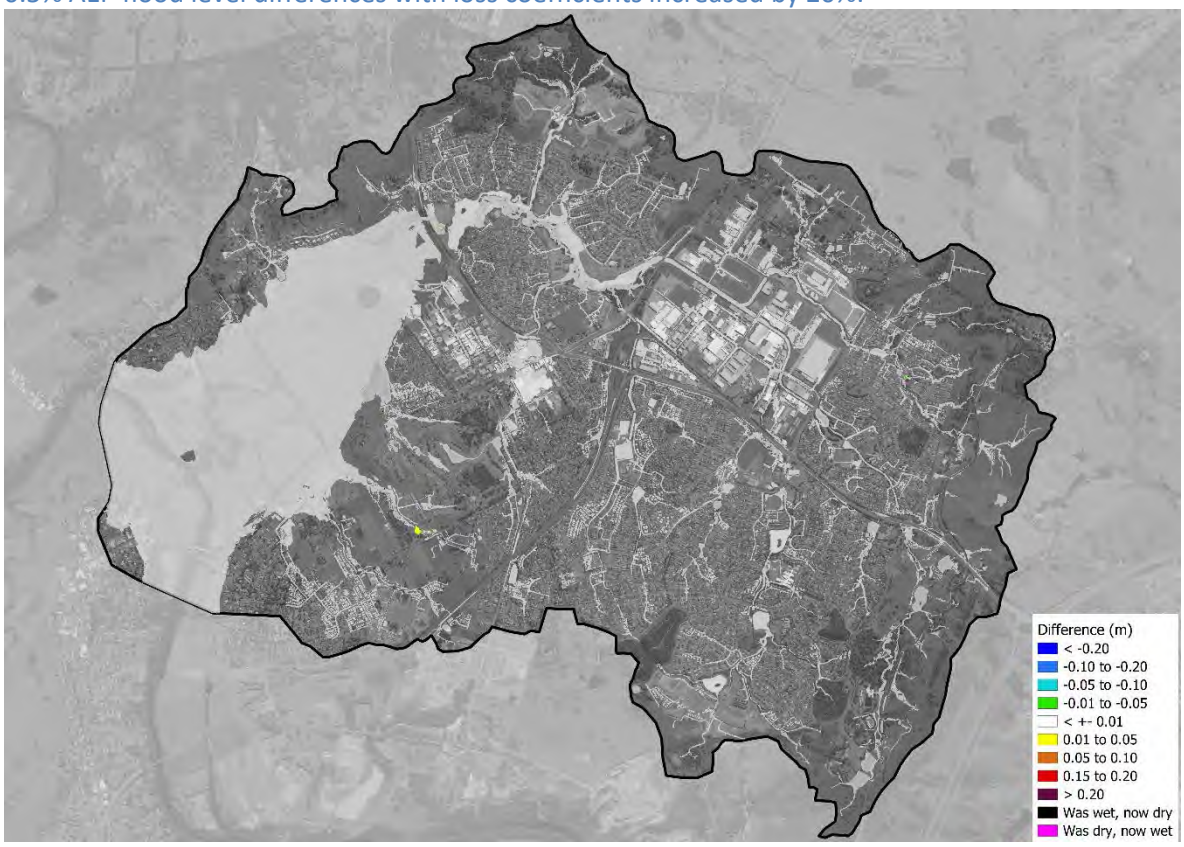


1% AEP flood level differences with loss coefficients increased by 20%.



1% AEP flood level differences with loss coefficients reduced by 20%.

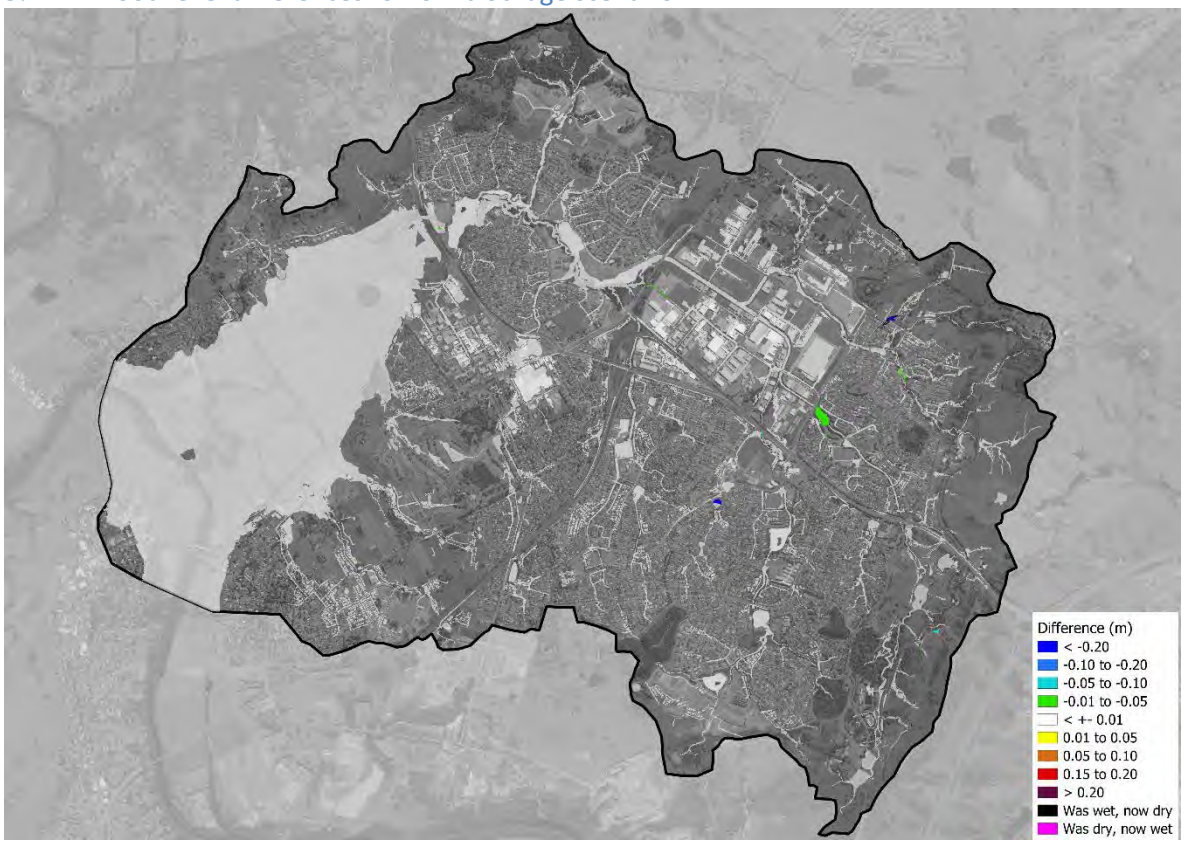
0.5% AEP flood level differences with loss coefficients increased by 20%.



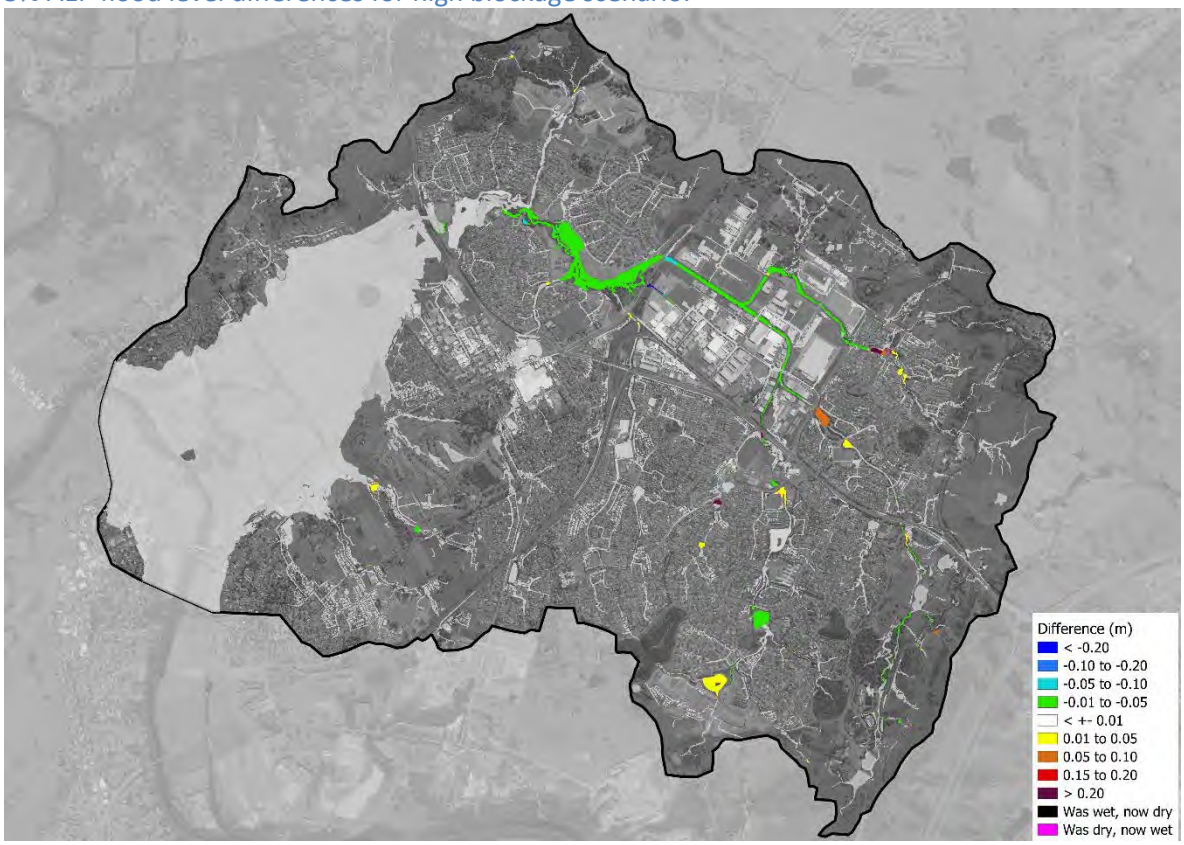
0.5% AEP flood level differences with loss coefficients reduced by 20%.

Blockage

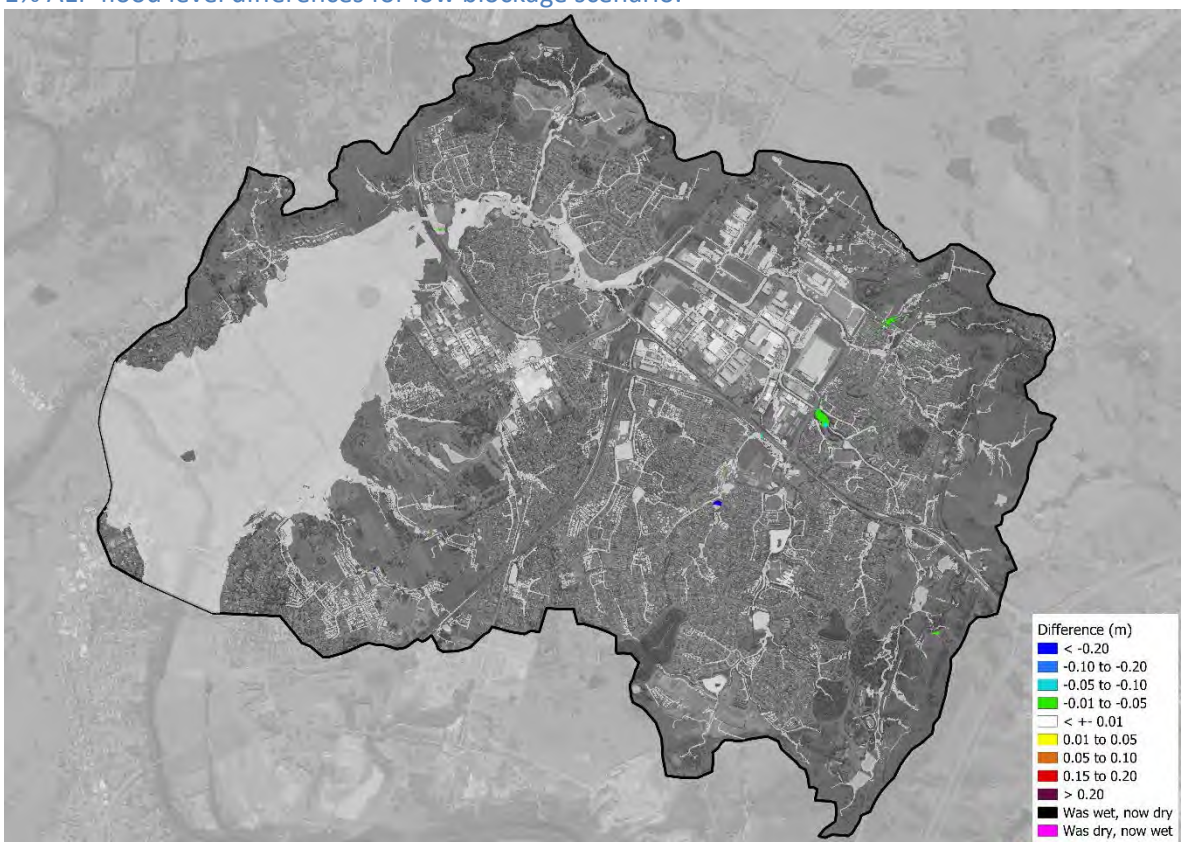
5% AEP flood level differences for low blockage scenario.



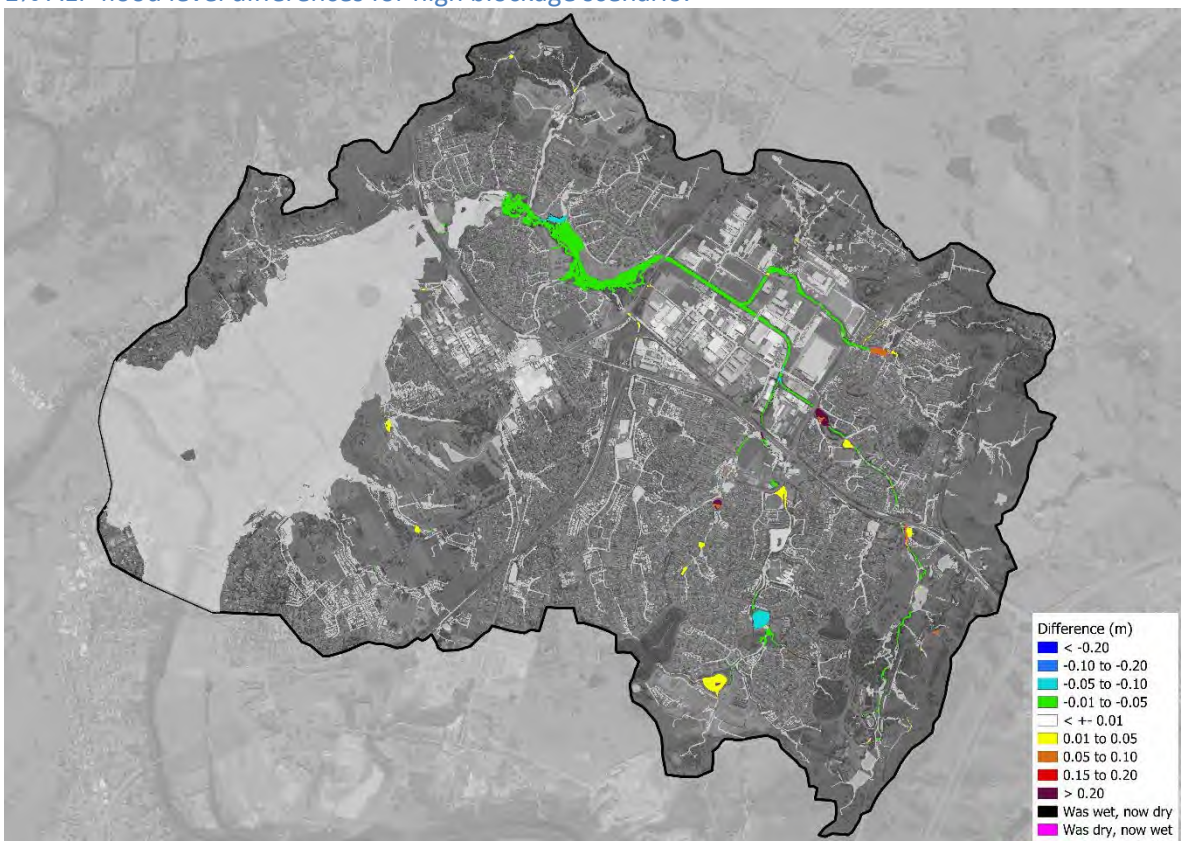
5% AEP flood level differences for high blockage scenario.



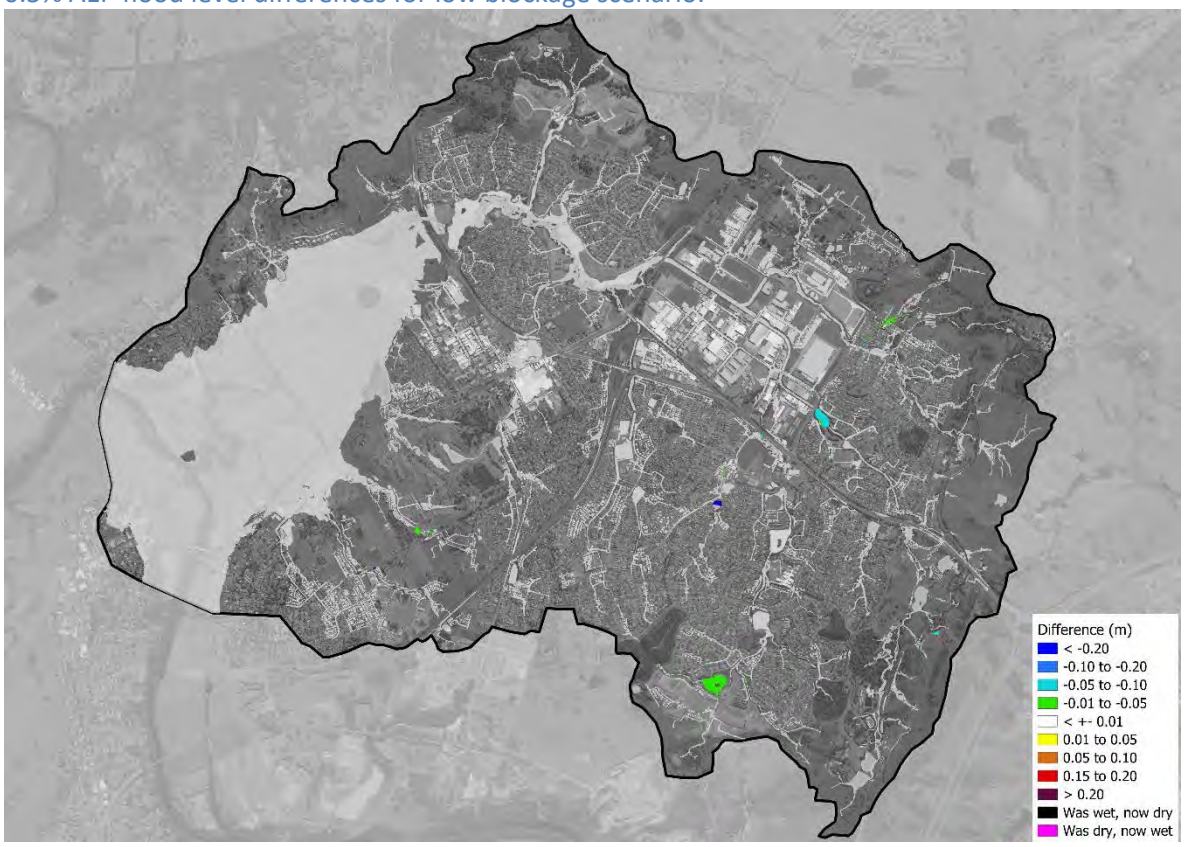
1% AEP flood level differences for low blockage scenario.



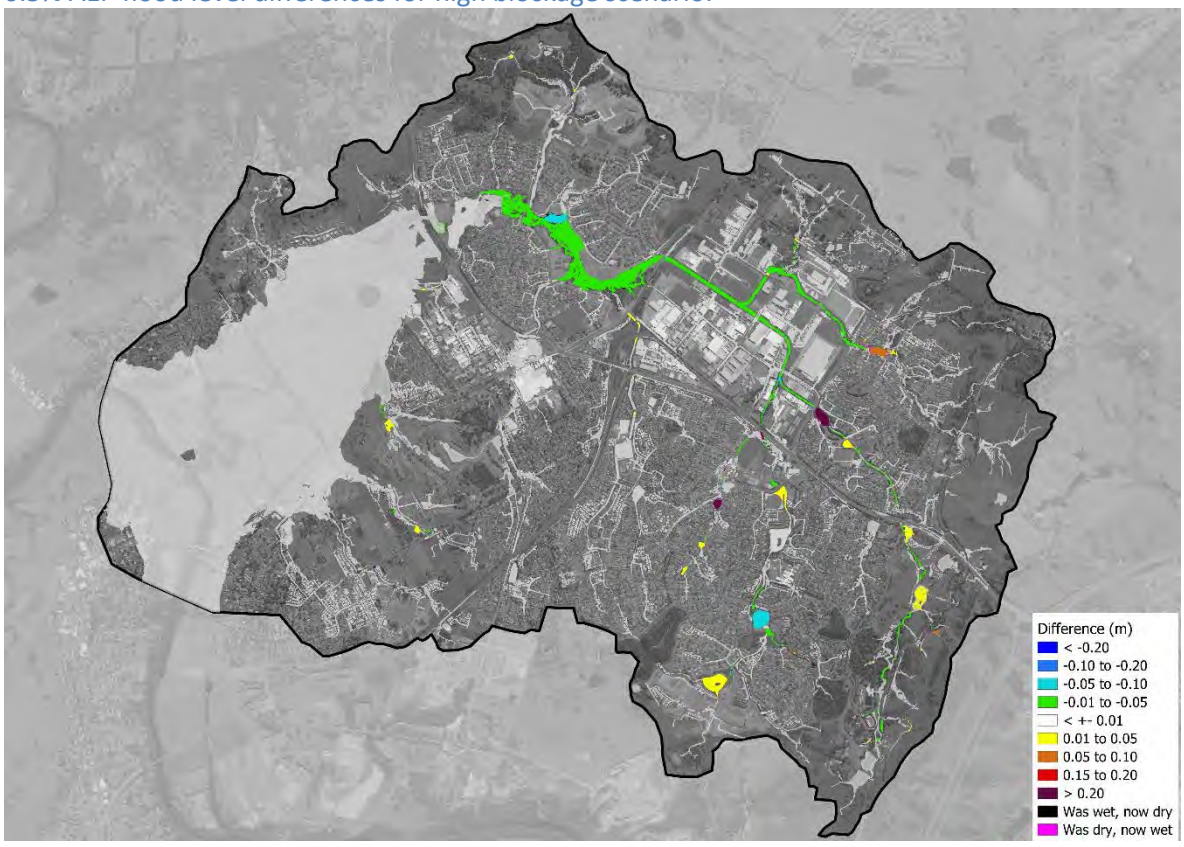
1% AEP flood level differences for high blockage scenario.



0.5% AEP flood level differences for low blockage scenario.

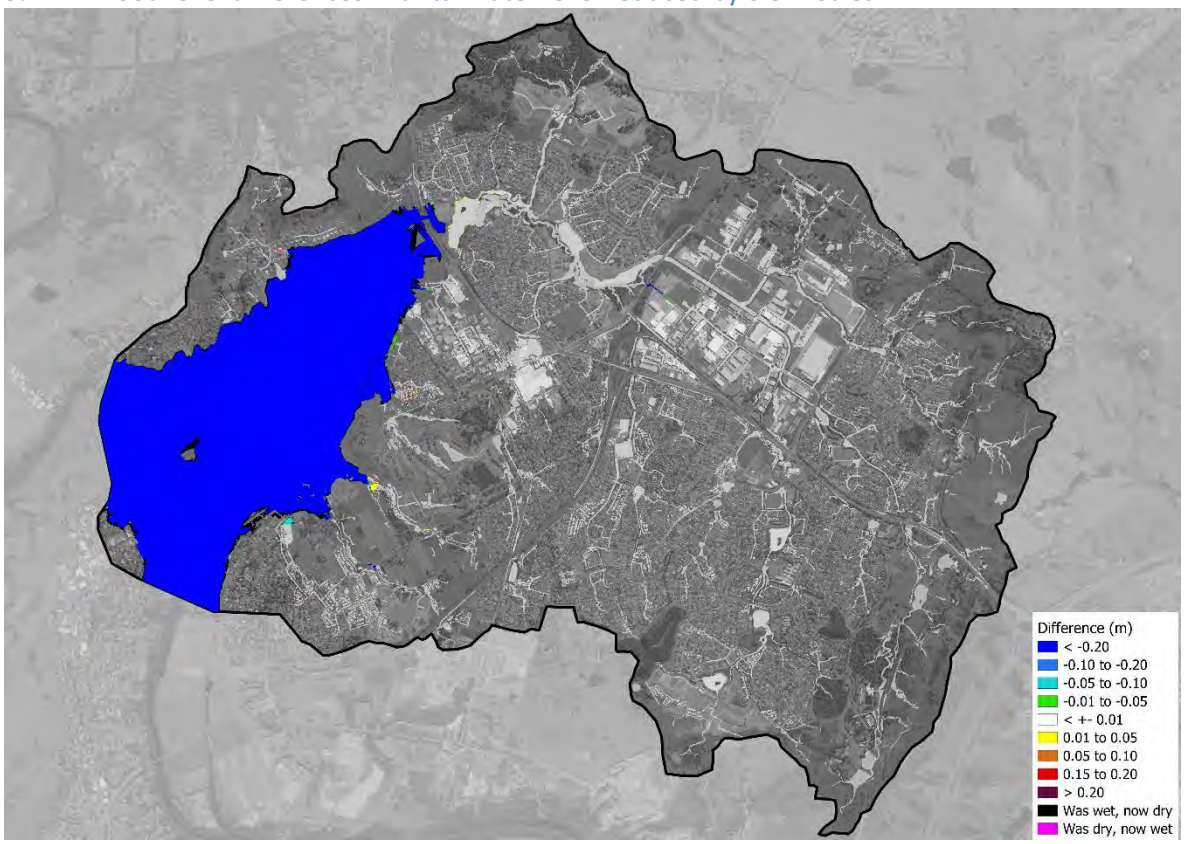


0.5% AEP flood level differences for high blockage scenario.

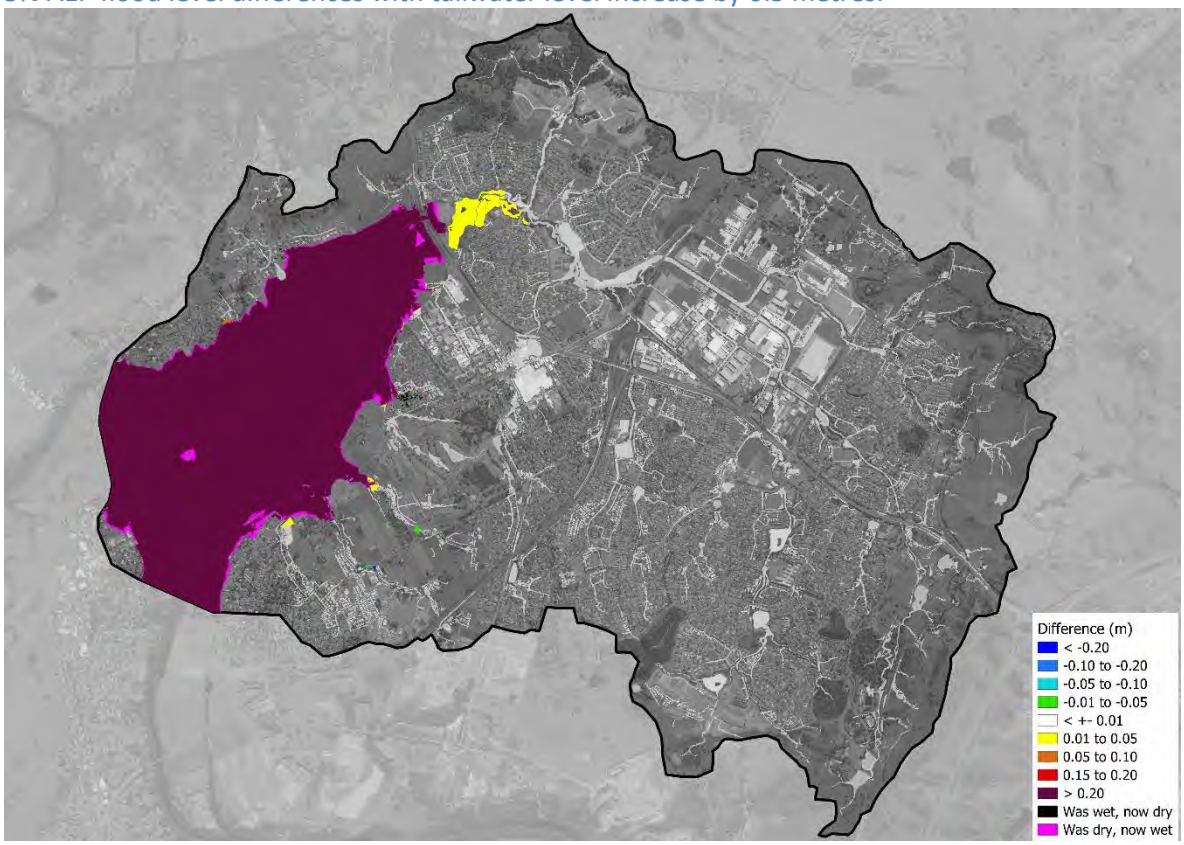


Tailwater Level

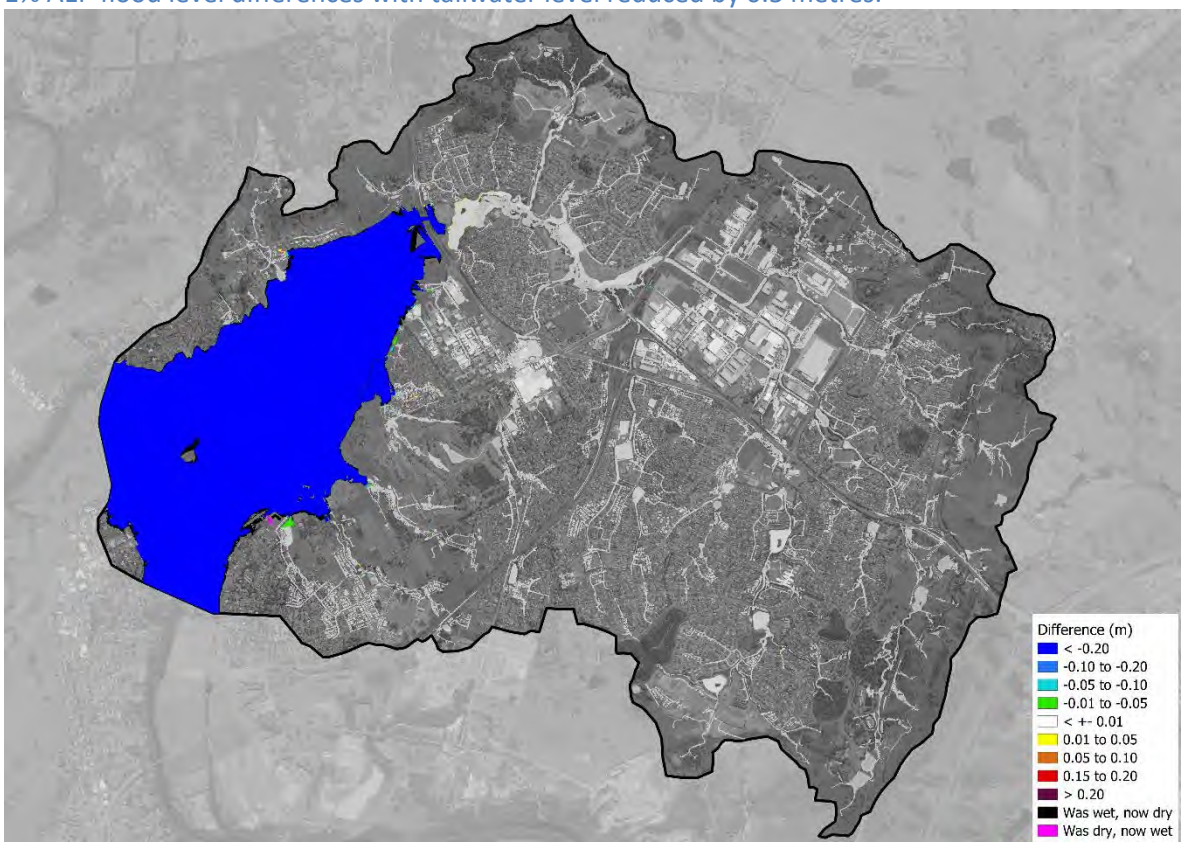
5% AEP flood level differences with tailwater level reduced by 0.5 metres.



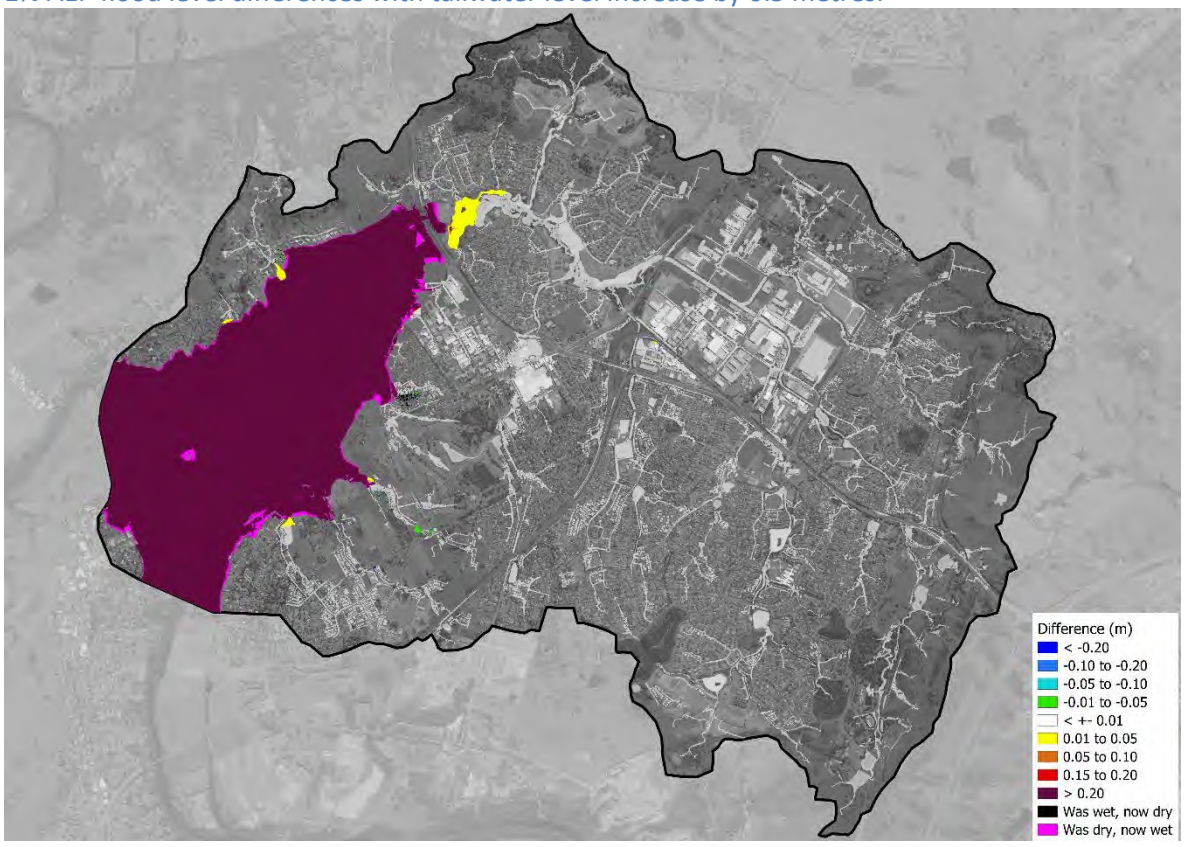
5% AEP flood level differences with tailwater level increase by 0.5 metres.



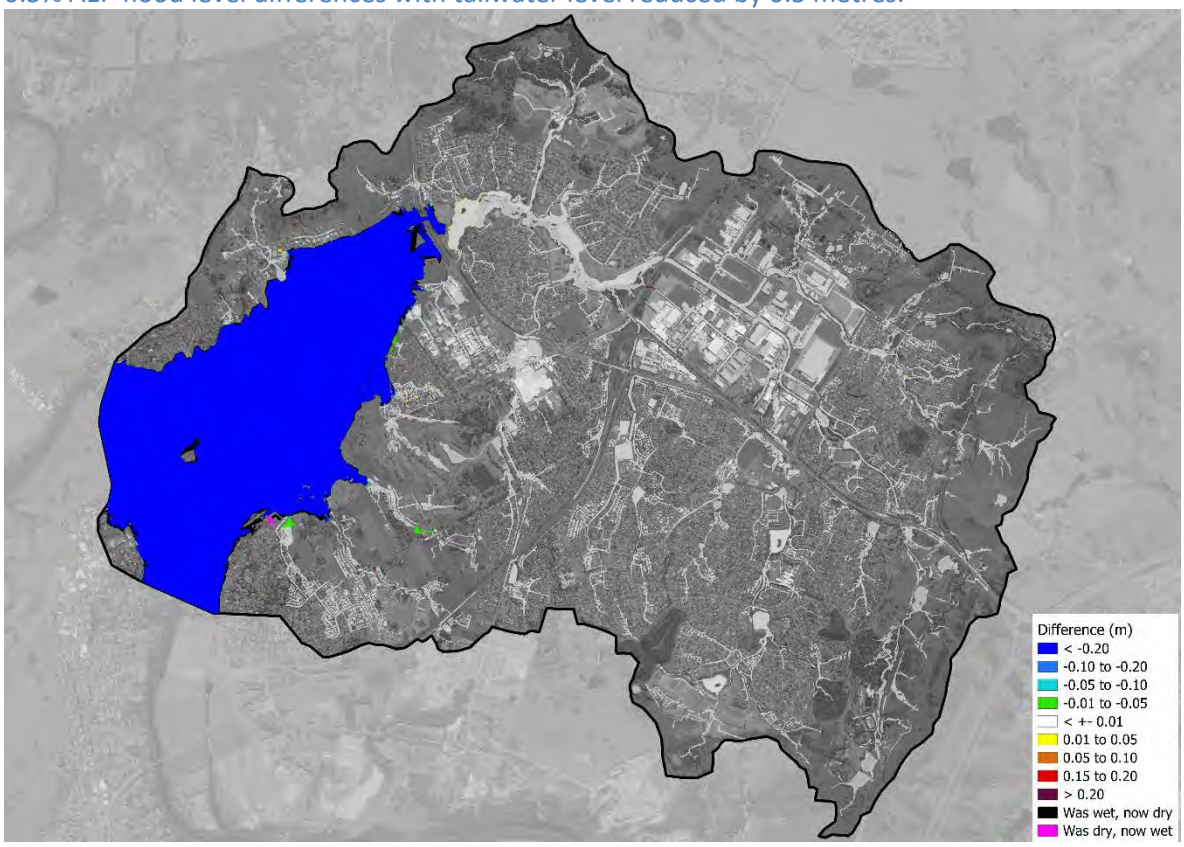
1% AEP flood level differences with tailwater level reduced by 0.5 metres.



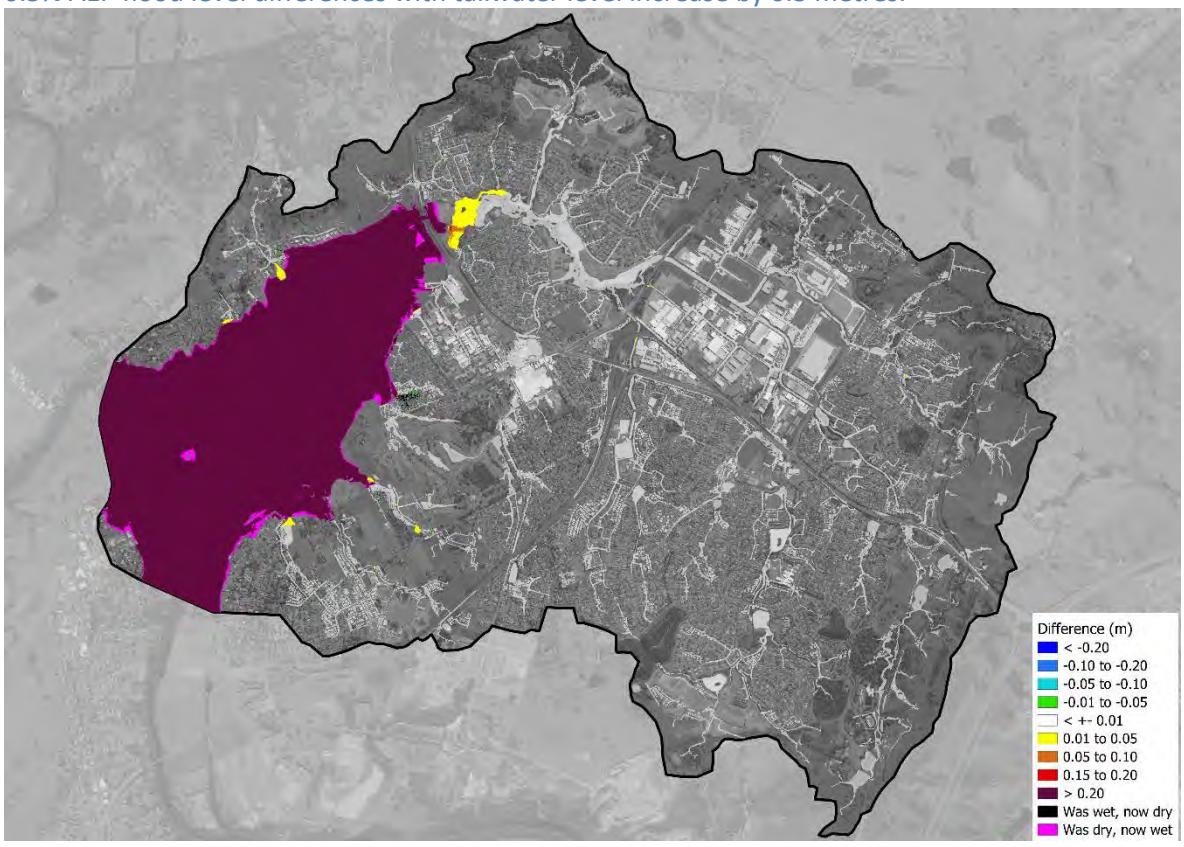
1% AEP flood level differences with tailwater level increase by 0.5 metres.



0.5% AEP flood level differences with tailwater level reduced by 0.5 metres.

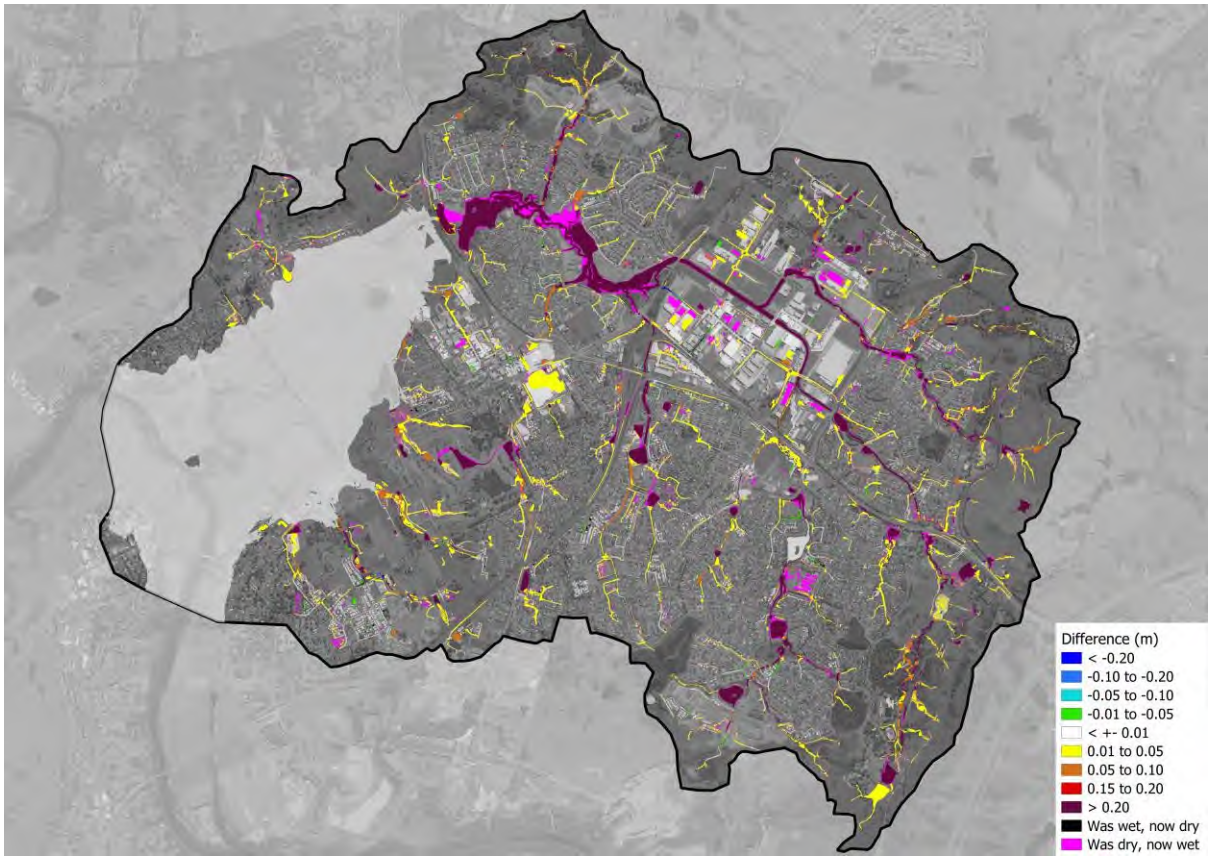


0.5% AEP flood level differences with tailwater level increase by 0.5 metres.

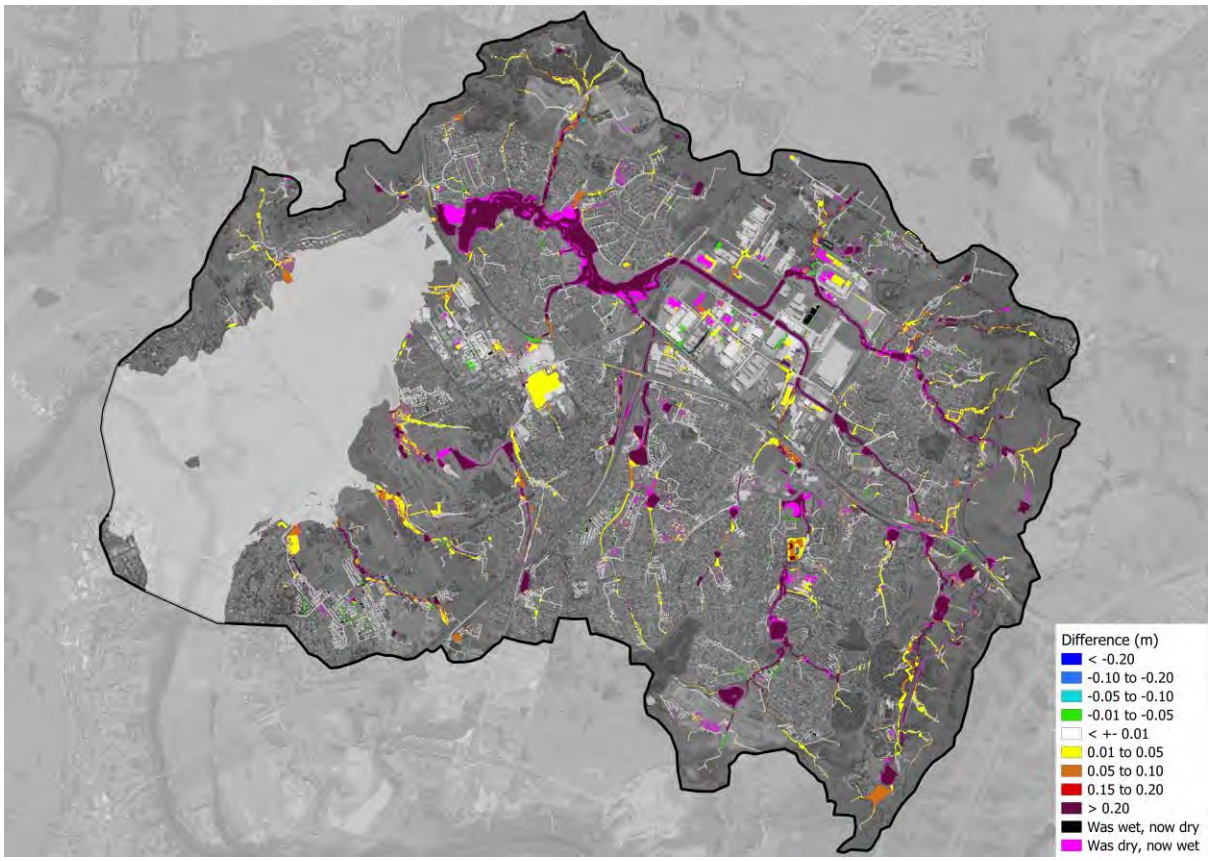


ARR 1987

5% AEP flood level differences



1% AEP flood level differences



Appendix L

Flood Function Validation

Flood Function Verification

Overview

Flood function (hydraulic) categories are an important output from the Flood Study process as they assist in the potential for development across different sections of the floodplain to impact on existing flood behaviour and highlights areas that should be retained for the conveyance and storage of floodwaters. Further details on how the hydraulic categories were defined are provided in Section 5.4.7 of the Flood Study Report.

The following sections describe how the flood function categories developed as part of the flood study were verified.

Floodway

By definition, a floodway is an area that if only partially blocked would produce a significant impact on upstream water levels and/or would divert water from existing flowpaths resulting in the development of new flowpaths (NSW Government, 2023). Accordingly, the suitability of the delineated floodways was verified by partially blocking the floodways and quantifying the impact that this blockage had on peak 1% AEP flood levels and the distribution of flood flows. This approach is in accordance with recommendations outlined in the *'Flood Risk Management Guideline FB02 – Flood Function'* (NSW Government, 2023).

The TUFLOW hydraulic model was updated to include partial blockage of the delineated floodways at several locations the catchment and was re-run for the 1% AEP event. The peak 1% AEP flood levels from the partly obstructed floodway models runs were compared against 'existing' 1% AEP flood levels to create flood level difference maps (i.e., maps showing the location and magnitude of changes in flood level). The difference maps are shown in **Plate L1** to **Plate L4**.

Plate L1 to **Plate L4** show that the obstructions increase peak 1% AEP flood levels by over 0.2 metres upstream of each blockage location. This is considered to be a 'significant impact' on upstream water levels. The blockages also tend to re-direct flows outside of the delineated floodway extents and/or create new flow paths.

Overall, the partial blockage of the delineated floodways is predicted to produce significant impacts on upstream water levels and would result in the re-direction of flood flows. Therefore, it is considered that the delineated floodway extents conform to the *'Flood Risk Management Guideline FB02 – Flood Function'* definitions and are suitable for application across the study area.

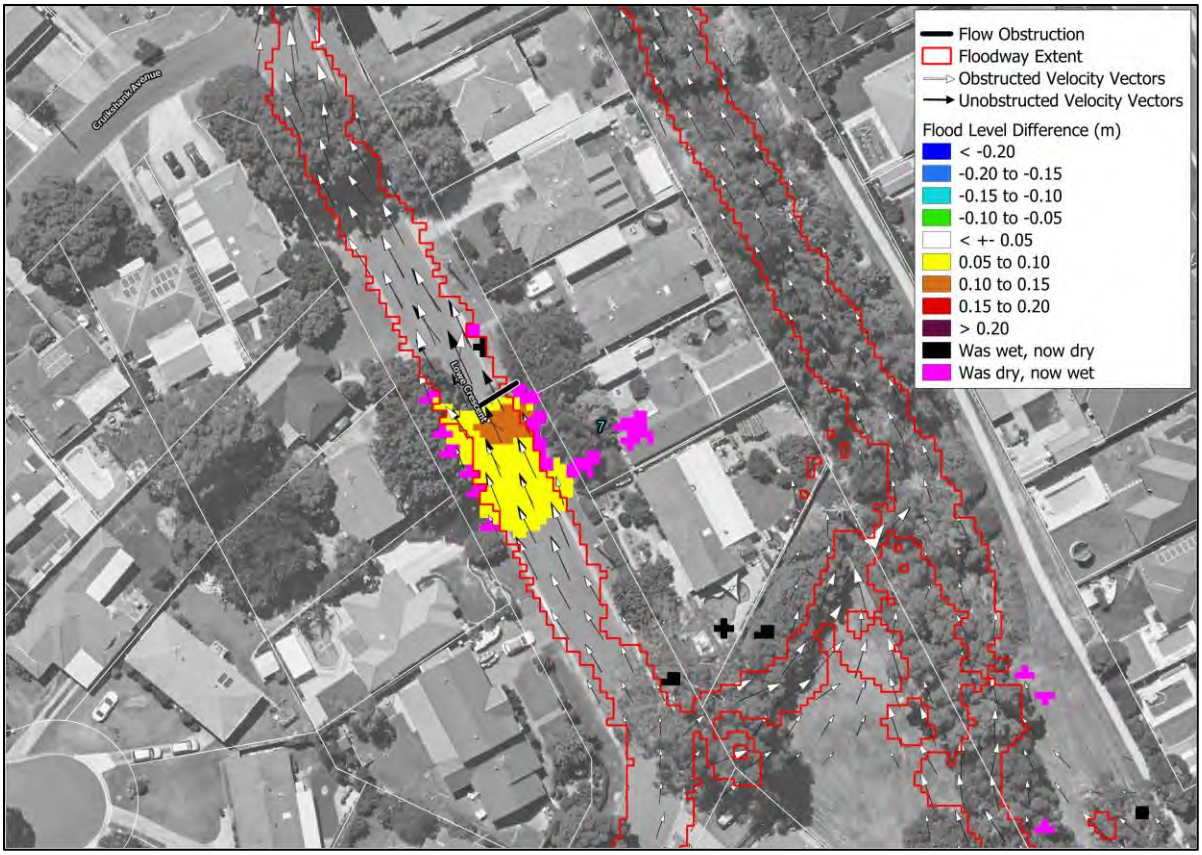


Plate L1 1% AEP Flood Level Differences associated with obstruction of floodway along Lowe Crescent, Elderslie

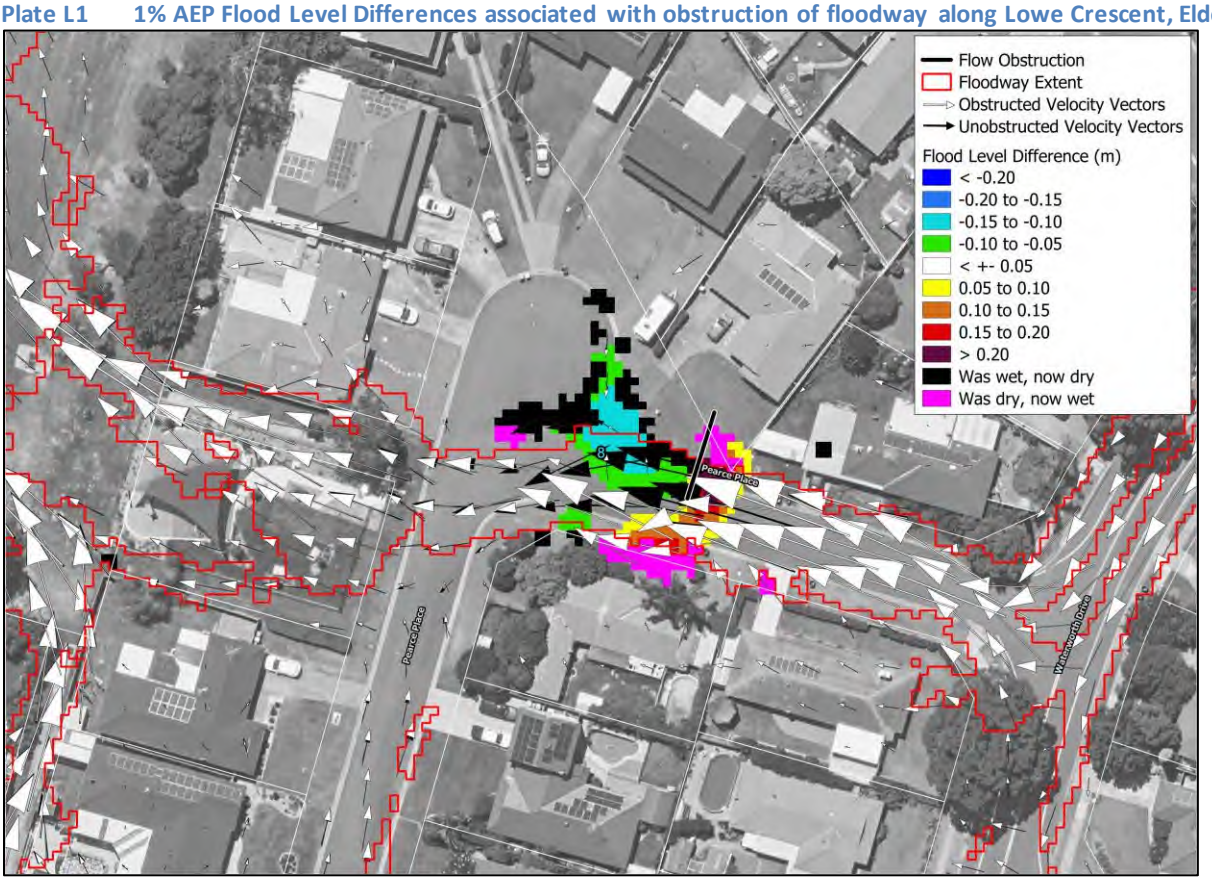


Plate L2 1% AEP Flood Level Differences associated with obstruction of floodway along Pearce Place, Narellan Vale

Flood Fringe

Flood fringe areas are areas that, if filled/removed, would result in insignificant impacts to flood levels and extents.

To confirm the suitability of the flood fringe areas, all flood fringe areas were "filled" to above the peak 1% AEP flood level. The updated model was used to re-simulate the 1% AEP flood.

Peak 1% AEP flood levels were compared against 'existing' 1% AEP flood levels and the resulting difference mapping is shown in **Plate L5** to **Plate L8**. A frequency histogram was also developed from the difference mapping and is presented in **Plate L9**. The histogram shows the frequency of flood level differences across the catchment.

The difference maps show that removal of all flood fringe areas would generate increases in peak 1% AEP flood levels. However, the differences are generally less than 0.1 metres. Accordingly, the impacts of filling of fringe areas are predicted to be much less significant than the partial floodway obstruction. Considering this assessment considered blockage or all fringe areas, flood level differences of this magnitude are considered to be relatively insignificant. Accordingly, it is the extent of the delineated flood fringe extents is appropriate and suitable for application across the study area.

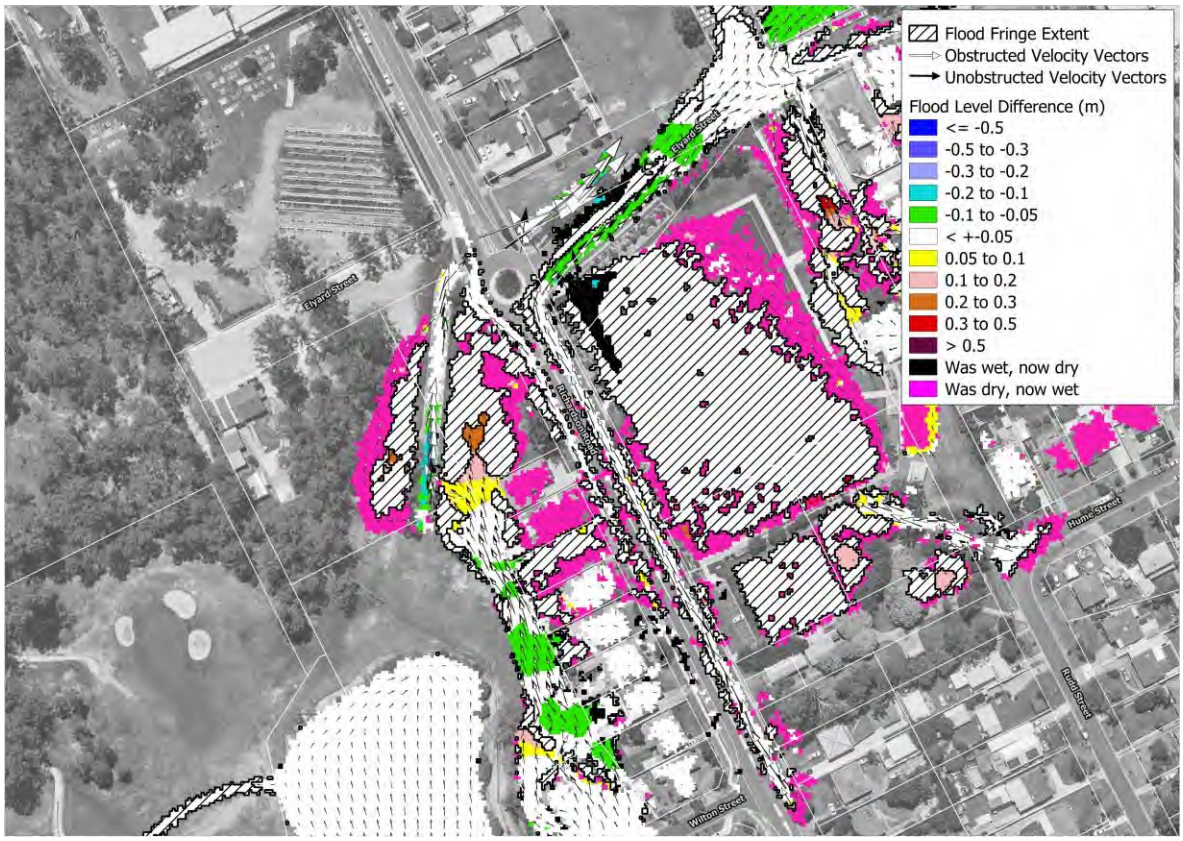


Plate L5 **1% AEP flood level differences associated with filling across Flood Fringe Areas near Narellan Rural Fire Brigade, Narellan**

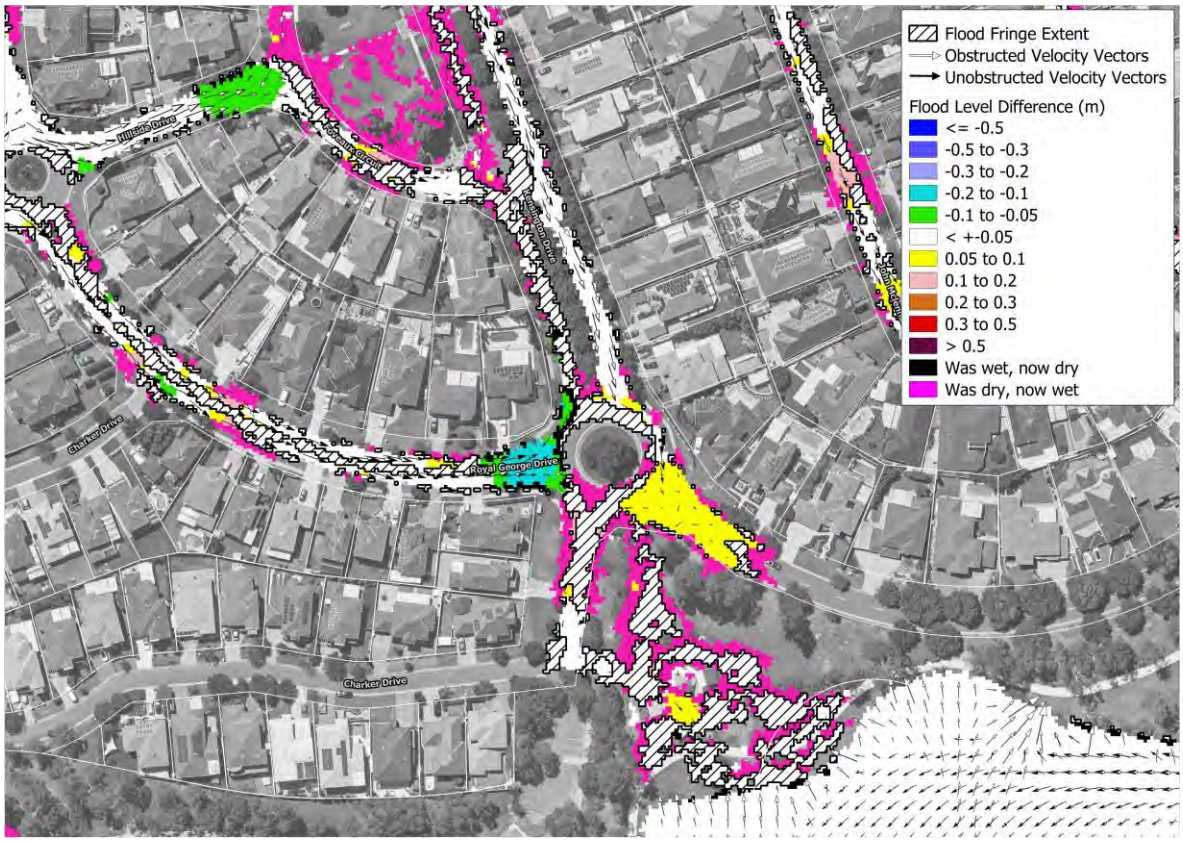


Plate L6 **1% AEP flood level differences associated with filling across Flood Fringe Areas near Royal George Drive & Kensington Drive roundabout, Harrington Park**

Appendix M

Flood Damage Inputs

Inputs

Use this tab to adjust parameters as required to fit conditions in the study area. Column C uses average or representative value by default. They should not be changed without justification (column M). ***All dollar figures are indexed to December 2022*** .

Adjust the parameters in column C if required.
Provide justification for any changes to column C by filling in column M.

Flood Events Assessed

Please input up to nine flood event AEPs (without any gaps) to be assessed alongside the Probable Maximum Flood (PMF).
Any surplus event rows or columns can be hidden throughout the spreadsheet but should not be deleted. Note:
- ***AEP*** *: Annual Exceedance Probability*
- ***ARI*** *: Average Recurrence Interval*

Please set unused AEPs to 100%.

#	AEP	ARI
1	0.001%	PMF
2	0.2%	500
3	0.5%	200
4	1%	100
5	2%	50
6	5%	20
7	10%	10
8	20%	5
9	50%	2.00
10	100%	1

General Factors

Actual to Potential Ratio	0.9	*0.9 recommended, as per the accompanying report*
Regional Uplift Factor	1.00	*Default 1.00. Please see guidance in "NSW" tab*
Infrastructure Damages Uplift	10%	***10%*** *of res. damages, or 5* ***%*** *if road area is known*
Emergency Management Uplift	0%	*Applied to the total damages, 0% by default*
Damage Downscale (Townhouse or Units)	30%	*30% reduction in structural damage*
Road repair cost	$5.65	*per square metre*
Relocation Cost	$0	*per week ($0 by default)*

AAD Calculation

Base Year of Assessment	2023		
Total Length of Assessment	50	years	*up to 50 years*
AAD Fixed Annual Growth Rate:	0%	p.a.	*(Recommended to keep at zero percent p.a.)*
Discount Rate: Primary	**5%**	p.a.	*based on NSW Treasury Guidelines*
Discount Rate Sensitivity: Lower	3%	p.a.	*based on NSW Treasury Guidelines*
Discount Rate Sensitivity: Higher	7%	p.a.	*based on NSW Treasury Guidelines*

Guide Sections & User Justification

This section provides a cross reference to the accompanying guide for Flood Risk Management Measures (DPE, 2022)
Note: ***MM01 (draft) has been indexed to 2019 dollars***

Provide any justifications or reasons for changing of default input values.

Guide Section	Notes / User Justification
3.1.2	
3.6.4, Table 22	
3.3 (infrastructure uplift)	
N/A	
3.1.1	
N/A	
N/A	

N/A	
N/A	
N/A	
N/A	
N/A	
N/A	

Property sizes (floor area, m^2)

Typical Size (m^2)	Small	Medium	Large	Default	Unit	Townhouse	
Detached Dwelling (Single Storey House)	90	180	240	260	100	160	**3.1.1, Table 12**
Detached Dwelling (Double Storey House)	90	180	240	260	100	160	**3.1.1, Table 12**

Typical Size (m^2)	Average	Low to Medium	Medium to High	Schools	Hospitals	Other Public Buildings	
Non-residential buildings	3,291	186	650	17,000	28,000	579	**N/A**

Structural

Replacement Value per m^2	Small	Medium	Large	Default	Unit	Townhouse	
Detached Dwelling (Single Storey House)	$2,280	$2,280	$2,280	$2,280	$2,730	$2,620	**3.1.1, Table 12**
Detached Dwelling (Double Storey House)	$2,620	$2,620	$2,620	$2,620	$2,730	$2,620	**3.1.1, Table 12**

Internal / Contents - Residential properties

Average contents ($)	$550	*per square metre, for residential properties*	**3.1.2**

External

External Damages Depth Threshold (metres)	0.30	*0.3 metres by default*	**3.1.3**
External Damages	$17,000	*Constantly applied to residential properties*	**3.1.3**

Indirect

Residential Clean-up Costs	$4,500	*Per property, applied if overfloor flooding exists*	**3.1.5**
Non-residential Indirect Costs	30%	*of direct damages; cleanup costs + loss of trading*	**3.2, Table 15**

Risk-to-Life

Estimated Cost per Fatality	$ 5,300,000	*Taken from the Office of Best Practice Regulation*	**3.5.1, Table 19**	
Estimated Cost per Injury	$ 52,962	*(Australian Government)*	**3.5.1, Table 19**	
N[z] (average people per household)	2.1	*Obtained from ABS*	**3.5.1, Table 19**	

Hazard Rating (HR) *Ranges from 0 to 4, based on Hazard Classification (H1-H6)*

Hazard Category	1	2	3	4	5	6	
Hazard Rating (HR)	0	0	0.3	0.8	2.8	4.0	**3.5.1, Table 20**

Speed of Onset	3	*{1,2,3}*	**3.5.1, Table 20**	
Primary Nature of Area	2	*{1,2,3}*	**3.5.1, Table 20**	

1	2	3
Rate of rise is very gradual (many hours)	Rate of rise around and hour or so	Rate of rise less than 1 hour
Multi-Storey apartments	Detached residential dwellings	Caravan parks, schools, campsite

Effective Warning Time (hours)	6		**N/A**
P1	0	*{0,0.5,1}*	**3.5.1, Table 20**
P2	0	*{0,1}*	**3.5.1, Table 20**
P3	0	*{0,1}*	**3.5.1, Table 20**

0	0.5	1
No effective warning system.	Warning system in place, will reach 40% of flood affected population.	Warning system in place, will reach 80% of flood affected population.
0 – 2 hour warning time		> 2 hours warning
No education program or understanding of flood warnings		Well educated community on flood warnings and actions to undertake

Flood Warning Factor	3.0	*3 − (P1 × (P2 + P3)) [calculated from above]*	**3.5.1, Table 20**
Area Vulnerability (AV)	8.00	*Speed of onset + Primary nature of area + flood warning factor*	**3.5.1, Table 20**
People Vulnerability (PV)	35%	*{% residents suffering any disability [17.7%] + % aged 75+}, obtained from ABS census data for a particular area*	**3.5.1, Table 20**

17% of population aged over 65

https://www.abs.gov.au/statistics/health/disability/disability-ageing-and-carers-australia-summary-findings/latest-release

$$Injuries = 2 \cdot N_z \times \frac{HR \cdot AV}{100} \cdot PV$$

$$Fatalities = 2 \cdot N(I) \times \frac{HR}{100}$$

$$Hazard\ Rating\ [HR] = d \times (v + 0.5)$$

Where,

N_z	Population living in the floodplain
HR	Hazard Rating (Table 12-6)
AV	Area Vulnerability (Table 12-7)
PV	People Vulnerability = {% residents suffering any long-term illness, % aged 75+}
N(I)	Number of injuries
d	Depth of flooding (m)
v	Velocity of floodwaters (m/s)

Social Willingness to Pay

The annual cost per household per year based on the threshold at which overfloor flooding occurs.

Event ARI (years)	Event Probability (AEP)	Cost per Household per Year
PMF	0.001%	$0
500	0.2%	$0
200	0.5%	$0
100	1%	$55
50	2%	$445
20	5%	$632
10	10%	$654
5	20%	$656
2	50%	$661
1	100%	$669

3.5.2, Table 21

Agriculture

The estimated damage to agriculture, including crops and livestock output.

Agriculture Commodity	$ per Hectare
Broadacre Crops	**$996**
Hay	**$1,584**
Nurseries, Cut Flowers, or Cultivated Turf	**$141,442**
Fruits and Nuts (excl. grapes)	**$21,216**
Grapes	**$10,274**
Vegetables	**$47,115**
Crops – Total	**$1,223**
Livestock – Total	**$180**

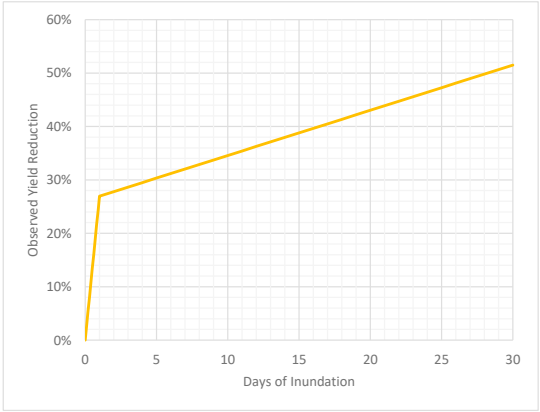
3.4.6

The figures provided here can be adjusted to suit a particular region or area (such as SA4 or LGA). Appropriate justification needs to be provided if deviating from these default values.

Days of Inundation	Observed Yield Reduction
0	**0.0%**
0.1	**2.7%**
0.2	**5.4%**
0.3	**8.1%**
0.4	**10.8%**
0.5	**13.5%**
0.6	**16.2%**
0.7	**18.9%**
0.8	**21.6%**
0.9	**24.3%**
1	**27.0%**
2	**27.8%**
3	**28.6%**
4	**29.5%**
5	**30.3%**
6	**31.2%**
7	**32.0%**
8	**32.9%**
9	**33.7%**
10	**34.6%**
11	**35.4%**
12	**36.3%**

Only applies to crops (not livestock)

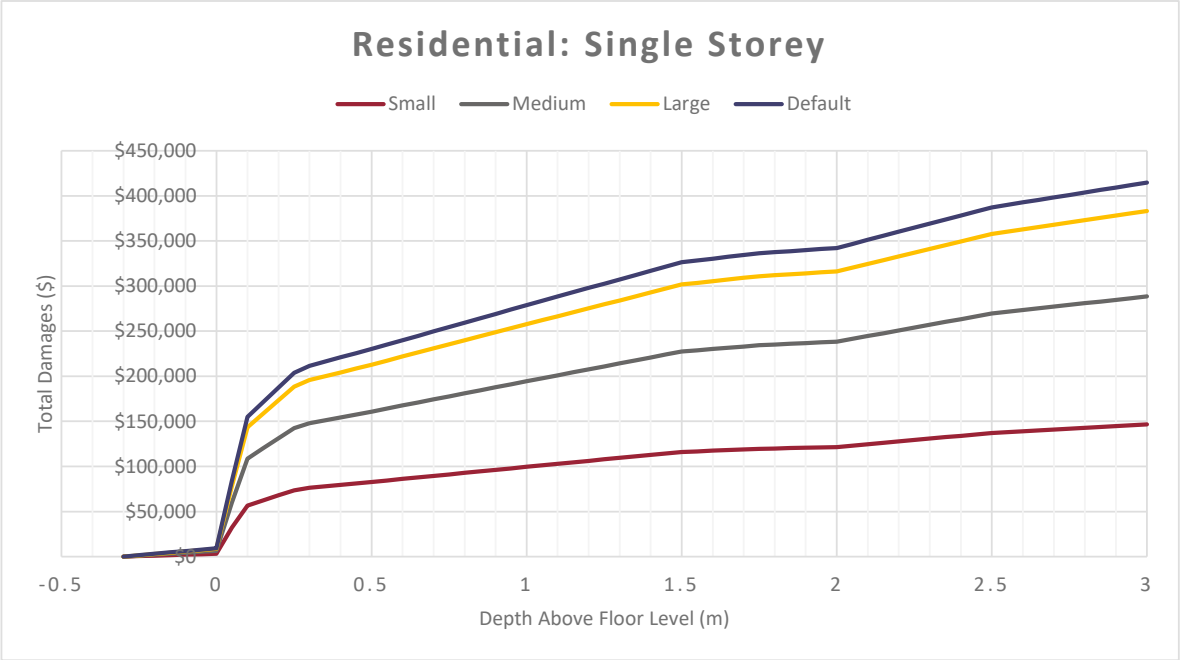
No damage, if inundated for less than 0.1 days

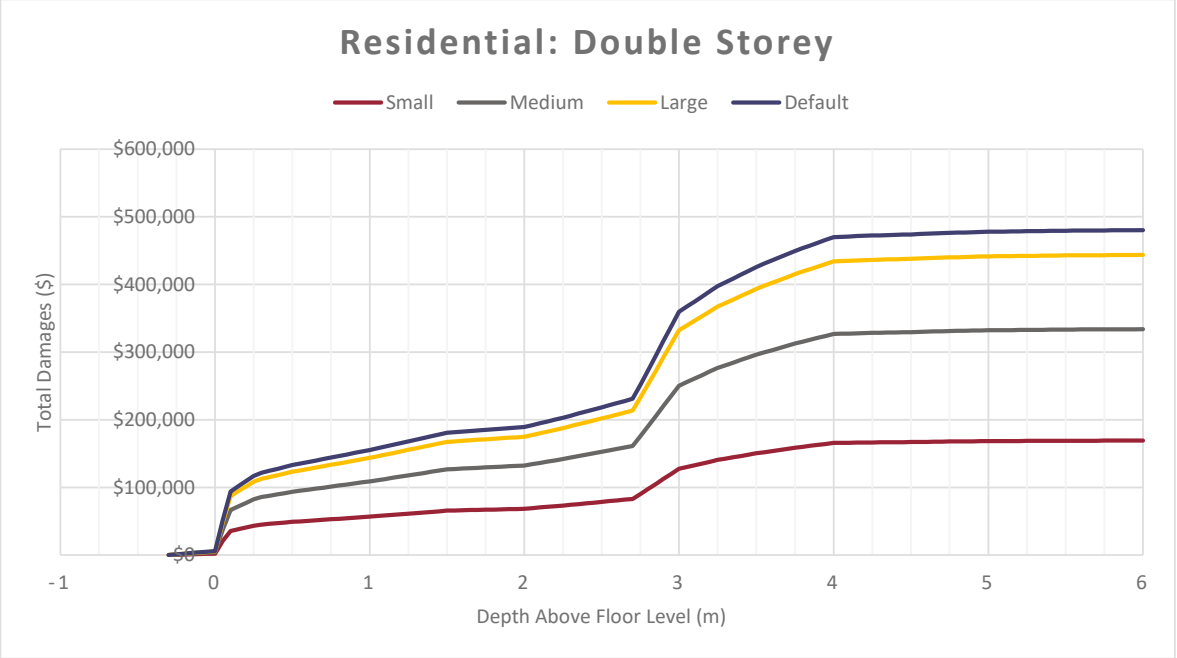


13	**37.1%**
14	**38.0%**
15	**38.8%**
16	**39.6%**
17	**40.5%**
18	**41.3%**
19	**42.2%**
20	**43.0%**
21	**43.9%**
22	**44.7%**
23	**45.6%**
24	**46.4%**
25	**47.3%**
26	**48.1%**
27	**49.0%**
28	**49.8%**
29	**50.6%**
30	**51.5%**
>30	**51.5%**

Damage Curves - Residential

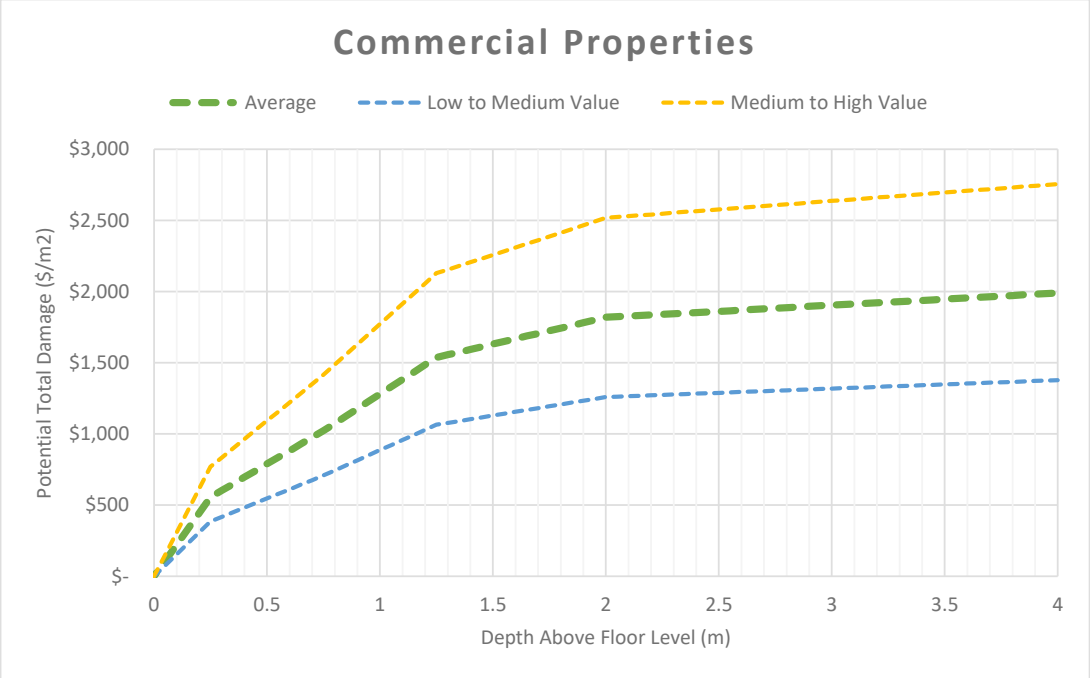
Summary of residential damage curves for different property sizes.





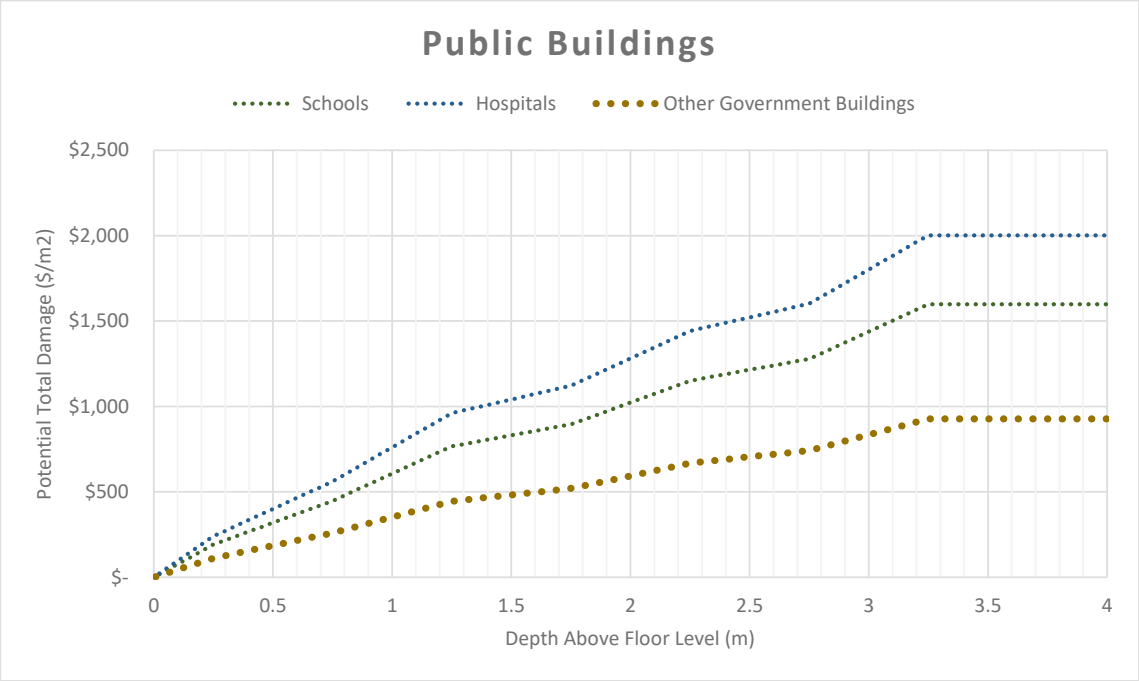
Damage Curves - Commercial

Summary of commercial damage curves for different property sizes/values.

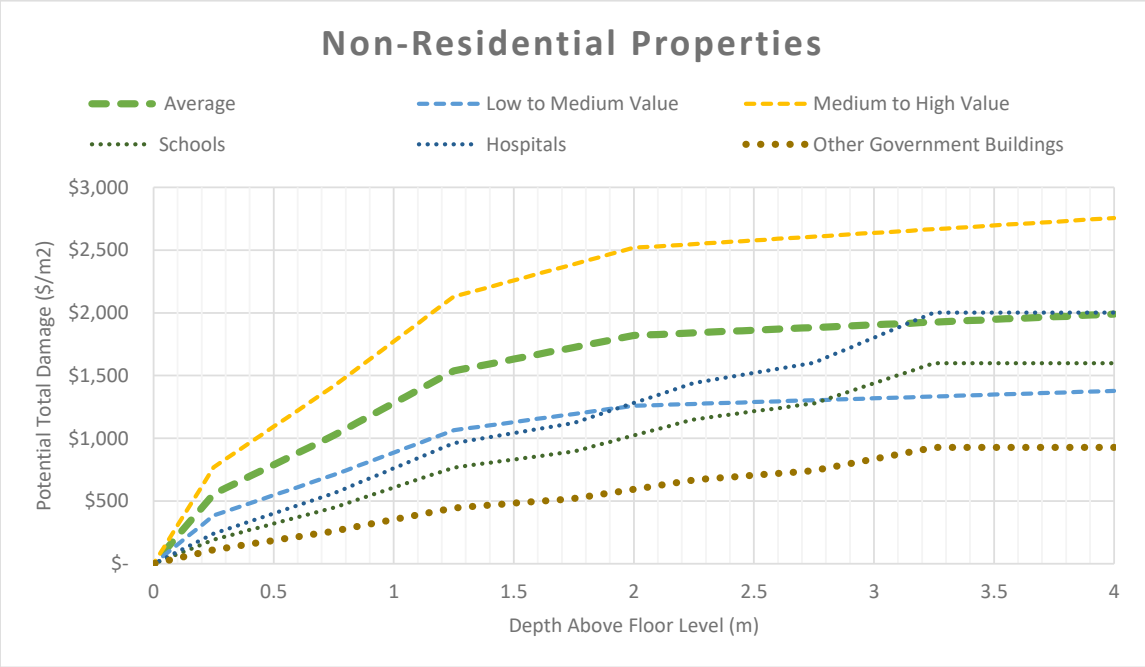


Damage Curves - Public Buildings

Summary of public building damage curves for different property types.



Comparison of public buildings and commercial damage curves:

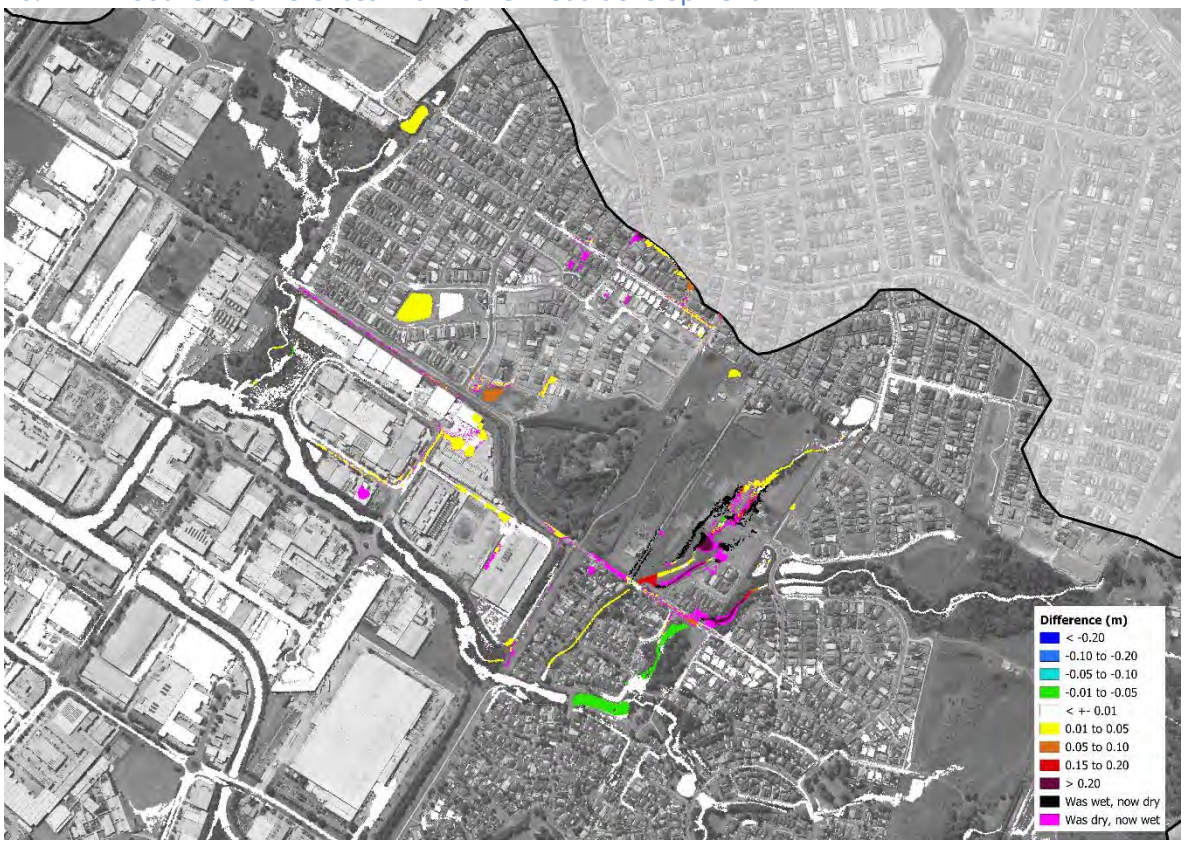


APPENDIX N

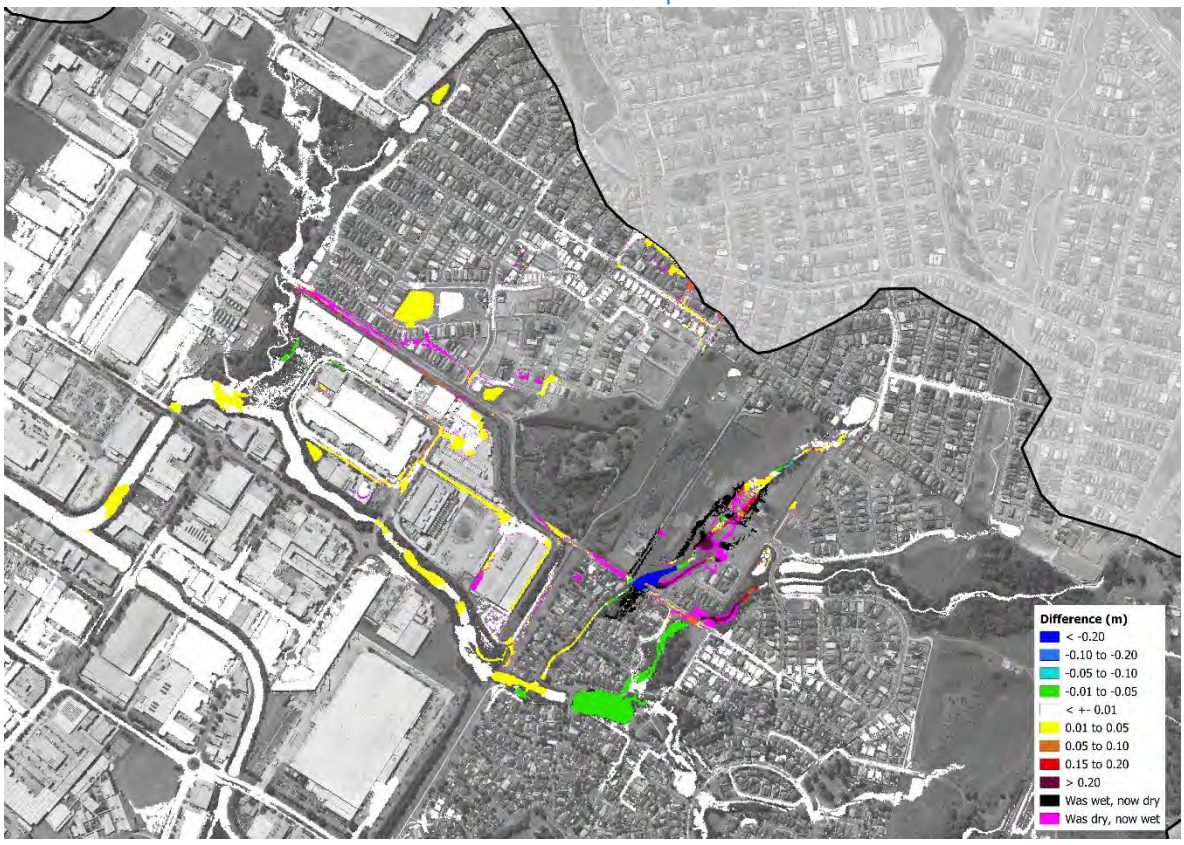
Turner Road Development Difference Maps

Turner Road Development

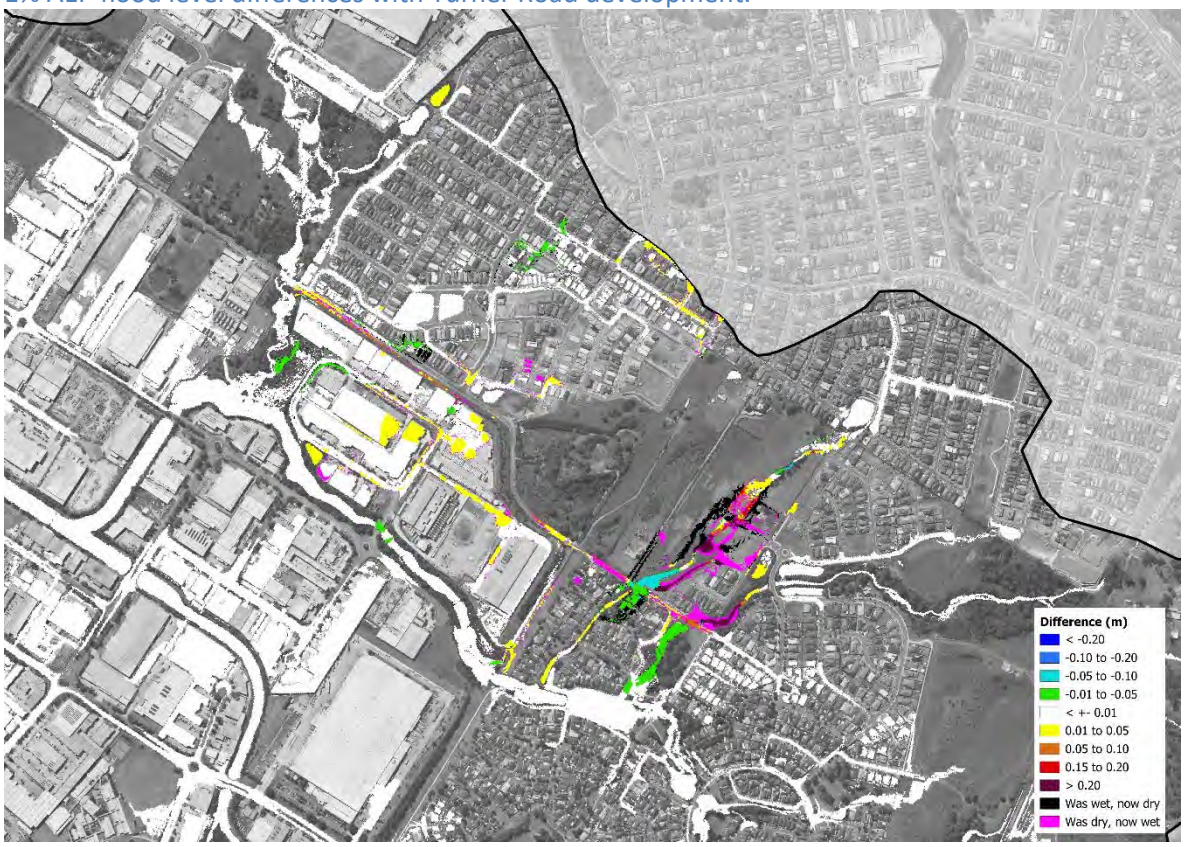
20% AEP flood level differences with Turner Road development.



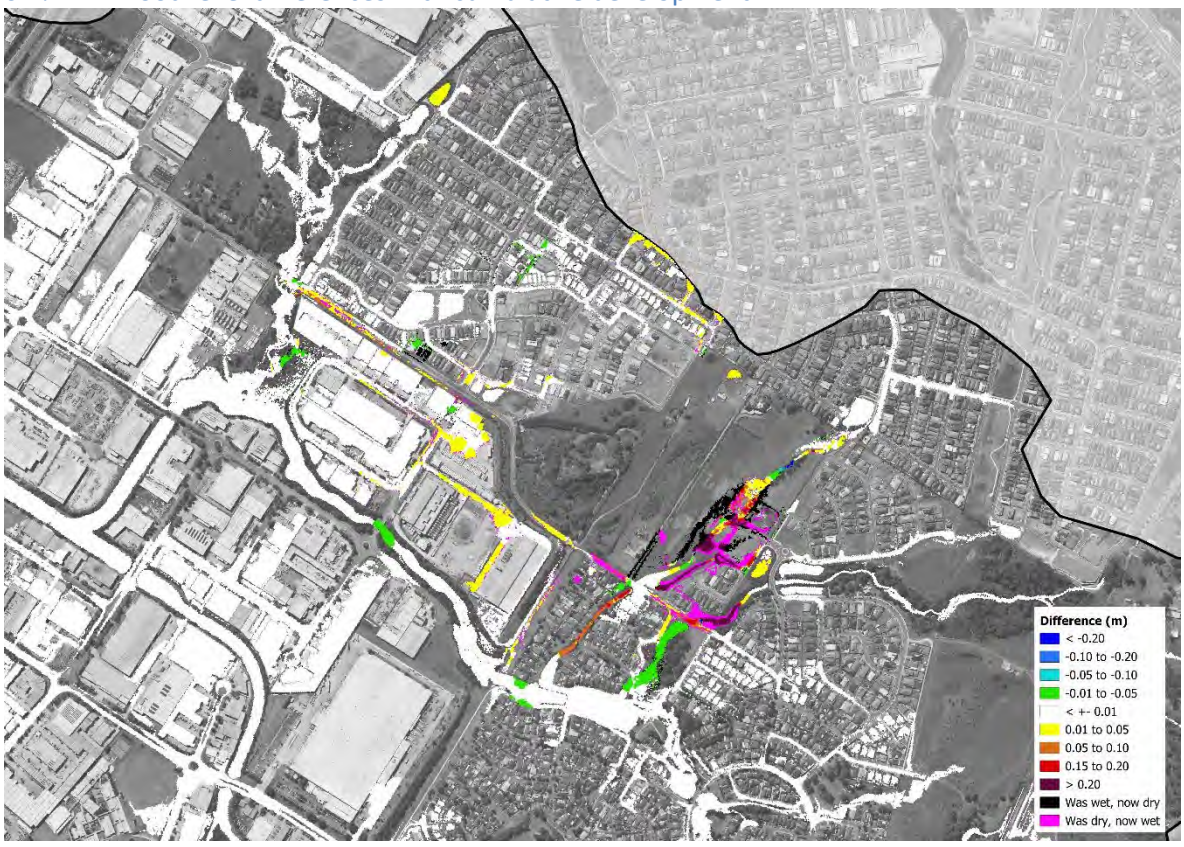
5% AEP flood level differences with Turner Road development.



1% AEP flood level differences with Turner Road development.



0.2% AEP flood level differences with cumulative development.

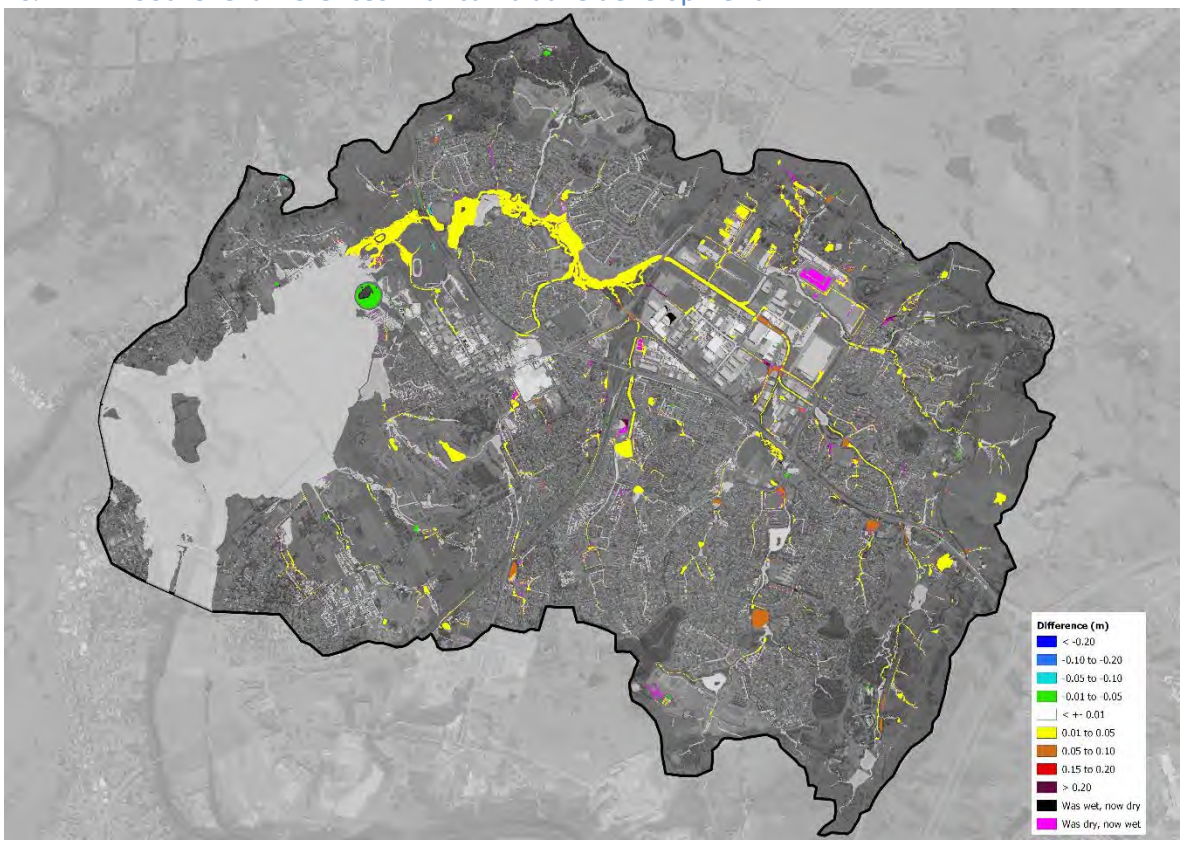


APPENDIX O

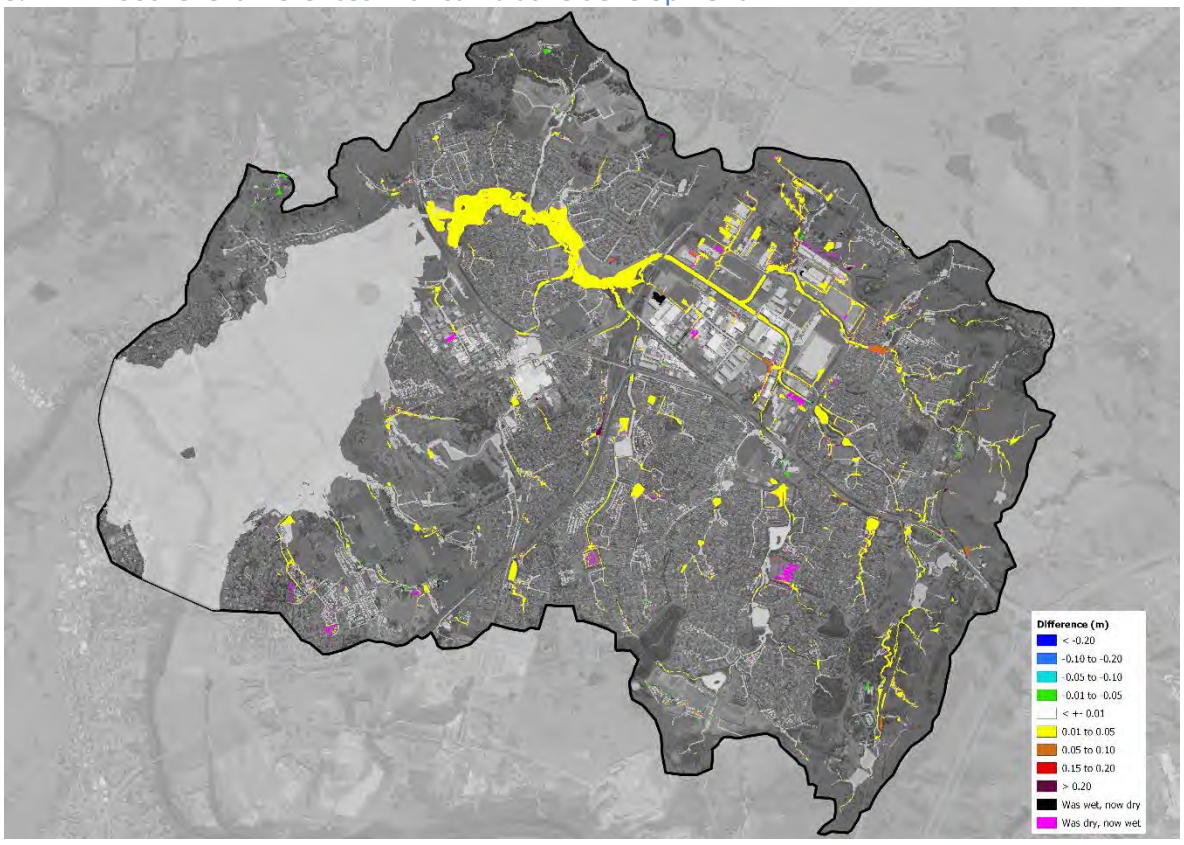
Cumulative Development Difference Maps

Cumulative Development

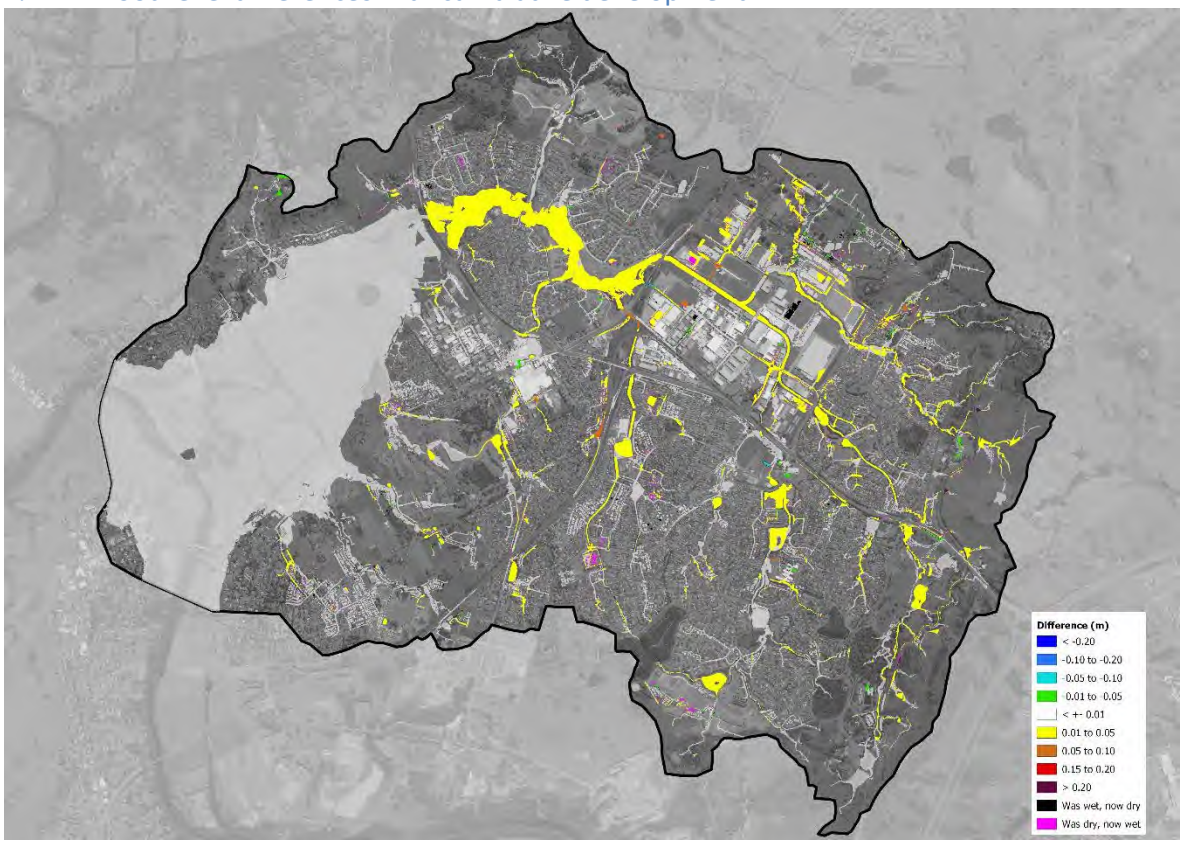
20% AEP flood level differences with cumulative development.



5% AEP flood level differences with cumulative development.



1% AEP flood level differences with cumulative development.



0.2% AEP flood level differences with cumulative development.