

# East Fork Trinity Watershed, TX Base Level Engineering (BLE) Results

September 2019

**Prepared for:**

North Central Texas Council of Governments  
616 Six Flags Dr  
Arlington, TX 76011

**Submitted by:**

AECOM  
9400 Amberglen Blvd  
Austin, Texas 78729



## DOCUMENT HISTORY

### DOCUMENT LOCATION

### EAST FORK TRINITY WATERSHED

K:/FY2018/18-06-0014S

### REVISION HISTORY

| Version Number | Version Date | Summary Changes                | Team/Author |
|----------------|--------------|--------------------------------|-------------|
| 1.0            | June 2019    | Initial Base Level Engineering | AECOM       |

### APPROVALS

This document requires the approval of the following persons:

| Role            | Name          | Phone Extension | Title (CLIN/RMC) | Review Date  | Approved Date |
|-----------------|---------------|-----------------|------------------|--------------|---------------|
| Technical Lead  | Luke Lunsford | 512.684.1923    | Engineer         | June 5, 2019 | June 6, 2019  |
| Project Manager | April Smith   | 512.457.7818    | Project Manager  | June 6, 2019 | June 7, 2019  |

### CLIENT DISTRIBUTION

| Name                                       | Title/Organization                      | Location                                          |
|--------------------------------------------|-----------------------------------------|---------------------------------------------------|
| North Central Texas Council of Governments | Director of Environment and Development | 616 Six Flags Drive, Arlington, Texas, 76005-5888 |
| Edith Marvin                               | Director                                |                                                   |

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## Executive Summary

FEMA Region VI contracted AECOM through Halff Associates, Inc.'s prime contract to complete a Base Level Engineering (BLE) analysis for one watershed, East Fork Trinity, in central Texas, to support FEMA's Discovery process and validation of effective Zone A Special Flood Hazard Areas (SFHAs). The BLE process involves using best available data and incorporating automated techniques with traditional model development procedures to produce regulatory quality flood hazard boundaries for the 1-percent annual chance event as well as estimates of flood hazard boundaries for multiple recurrence intervals.

The source digital terrain data used for surface model development in support of hydrologic and hydraulic analysis as well as mapping activities were leveraged from various local, State and Federal partners. Details regarding the different datasets used are provided below in Section 1.1.

Flood discharges for this study were calculated using both United States Geological Survey (USGS) regression equations and gage analyses, where stream gages with sufficient records exist. Regression equations obtained from the USGS Scientific Investigations Report (SIR) 2009-5087, Regression Equations for Estimation of Annual Peak-Streamflow Frequency for Undeveloped Watersheds in Texas Using an L-moment-Based, Press-Minimized, Residual-Adjusted Approach. The United States Army Corp of Engineers (USACE) Hydrologic Engineering Center's Statistical Software Package (HEC-SSP) version 2.0 was used to perform Flood Frequency Analysis (FFA) for the three gages within in this study.

The Hydrologic Engineering Center's River Analysis System (HEC-RAS) program version 5.0.5 was used to compute water surface elevations on a stream by stream basis. All hydraulic models were computed using 1-D steady state analysis.

The stream mile network that was validated for this watershed was compiled using FEMA's Community Needs Management Strategy (CNMS) inventory. CNMS is an inventory of flood hazard studies and flood hazard mapping needs for areas where a study is needed. This data is helpful for community officials in analyzing and depicting flood hazards to enhance the understanding of flood risks. Communities may use this information to make informed decisions on their planning and flood mitigation efforts.

The inventory of Zone A studies in the East Fork Trinity Watershed includes 25.1 miles that are part of an ongoing detailed study that were not validated. It also includes 2.1 miles that were classified in CNMS based on recent Letters of Map Change (LOMR). Total miles validated in CNMS are summarized in Table ES-1: BLE Validation Results and illustrated in Figure ES - 1 below.

**Table ES - 1: BLE Validation Results**

| Zone               | Validation Status | Stream Miles   |
|--------------------|-------------------|----------------|
| A                  | VALID             | 555.6          |
| A                  | UNVERIFIED        | 414.1          |
| AE                 | VALID             | 418.6          |
| AE                 | UNKNOWN           | 0.3            |
| AE                 | UNVERIFIED        | 51.7           |
| AO                 | VALID             | 0.4            |
| X                  | ASSESSED          | 39.5           |
| <b>Total Miles</b> |                   | <b>1,480.2</b> |

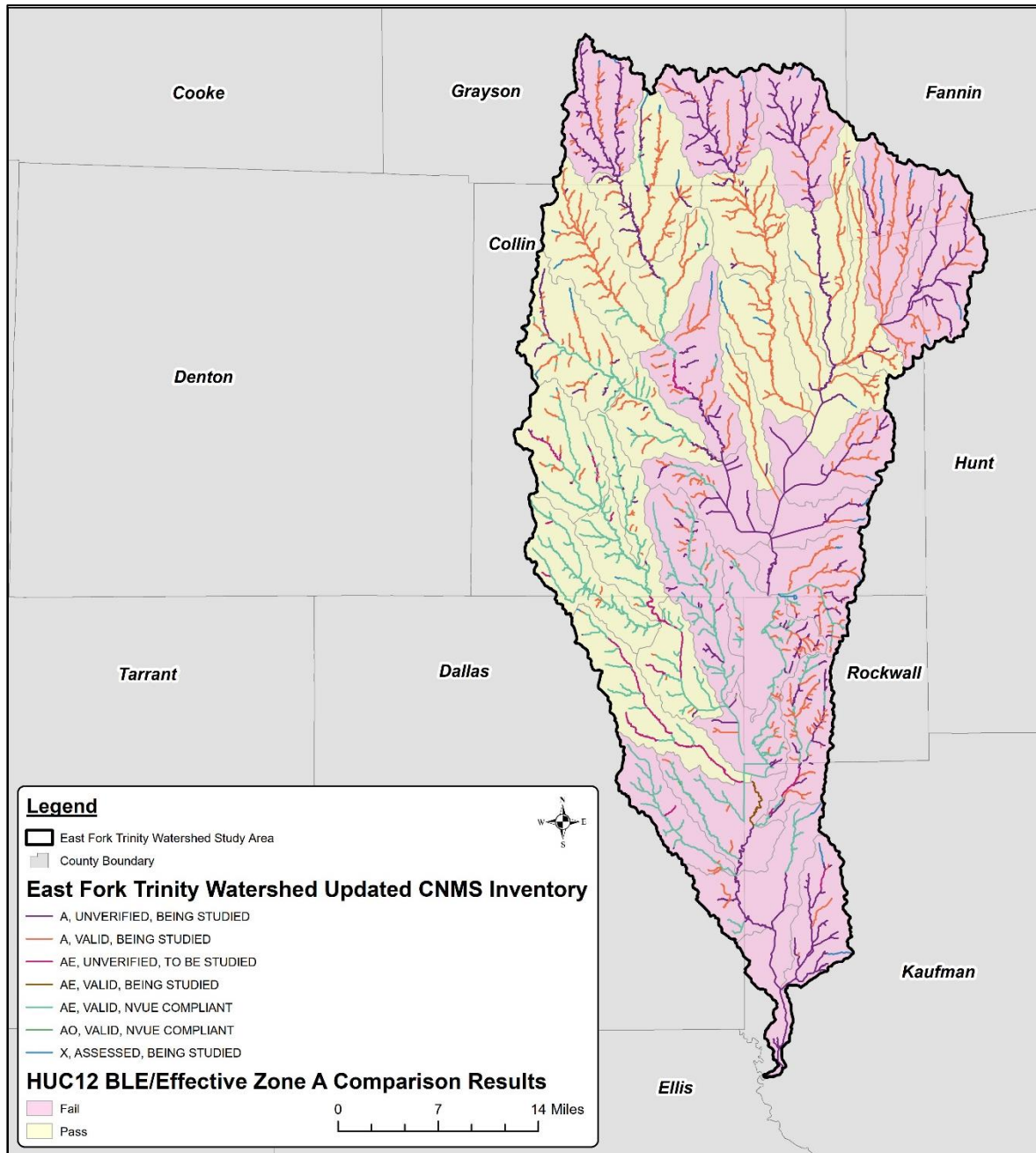


Figure ES - 1: East Fork Trinity Watershed CNMS Validation Results

An overall risk for the East Fork Trinity Watershed was calculated using the National Flood Risk Percentages Dataset and its proportional area. The weighted risk was multiplied by the percentage of points in the watershed that failed the CNMS comparison to effective to determine the priority score. Figure ES - 2 below shows the range of the East Fork Trinity River HUC-8 priority scores which can be used to initiate discussions during the Discovery phase.



The White House Ridge - East Fork Trinity River HUC-12 was determined to have the highest priority score of 62.6 and the most need while Duck Creek and Rowlett Creek-Lake Ray Hubbard share the lowest score of 0.

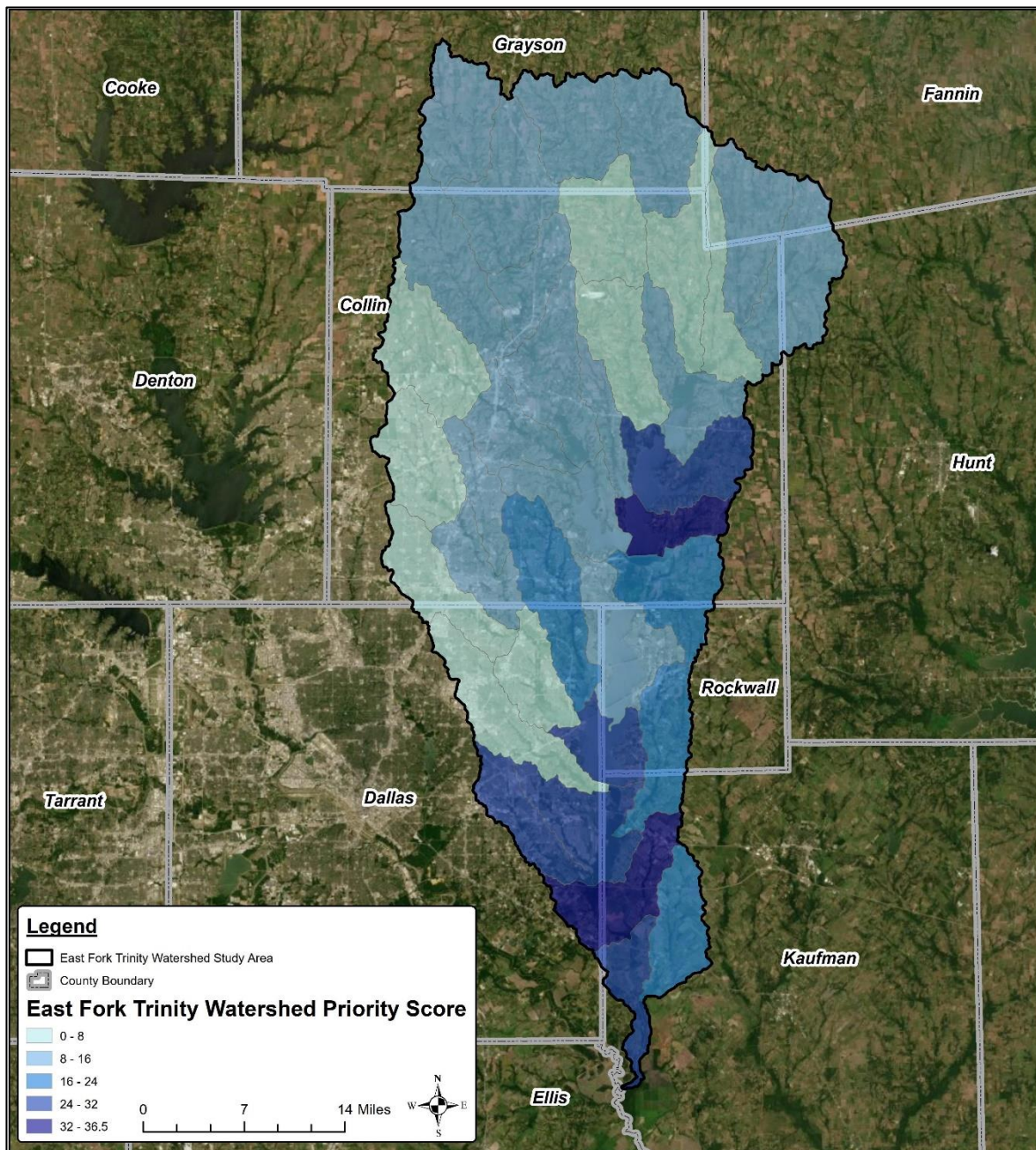


Figure ES - 2: Ranking of East Fork Trinity Watershed HUC-12s

## Base Level Engineering (BLE) Methodology

Recent innovations and efficiencies in floodplain mapping have allowed the U.S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) to develop a process called Base Level Engineering (BLE), which can be used to address current program challenges, including the validation of Zone A studies and the availability of flood risk data in the early stages of a Flood Risk Project. The BLE process involves using best available data and incorporating automated techniques with traditional model development procedures to produce regulatory quality flood hazard boundaries for the 1-percent annual chance event as well as estimates of flood hazard boundaries for multiple recurrence intervals. The cost for developing the data and estimates resulting from the BLE process are lower than standard flood study production costs. The BLE results may be used for eventual production of regulatory and non-regulatory products.

As described in Title 42 of the Code of Federal Regulations, Chapter III, Section 4101(e), once every five years, FEMA must evaluate whether the information on Flood Insurance Rate Maps (FIRMs) reflects the current risks in floodprone areas. FEMA makes this determination of flood hazard data validity by examining flood study attributes and change characteristics, as specified in the Validation Checklist of the Coordinated Needs Management Strategy (CNMS) Technical Reference. The CNMS Validation Checklist provides a series of critical and secondary checks to determine the validity of flood hazard areas studied by detailed methods (e.g., Zone AE, AH, or AO). While the critical and secondary elements in CNMS provide a comprehensive method of evaluating the validity of Zone AE studies, a cost-effective approach for evaluating Zone A studies has been lacking.

In addition to the need for Zone A validation guidance, FEMA standards require flood risk data to be provided in the early stages of a Flood Risk Project. FEMA Program Standard SID #29 requires that during Discovery, data must be identified that illustrates potential changes in flood elevation and mapping that may result from the proposed project scope. If available data does not clearly illustrate the likely changes, an analysis is required that estimates the likely changes. This data and any associated analyses should be shared, and results should be discussed with stakeholders.

An important goal of the BLE process is the scalability of the results. Scalability means that the results of a BLE analysis can not only be used for CNMS evaluations of Zone A studies, but can also be leveraged throughout the Risk MAP program. The data resulting from a BLE analysis can be updated as needed and used for the eventual production of regulatory and non-regulatory products, outreach and risk communication, and MT-1 processing. Leveraging this data outside the Risk MAP program may also be valuable to external stakeholders.

FEMA Region VI contracted AECOM through Halff Associates, Inc.'s prime contract to complete a BLE analysis for one HUC-8 watershed, East Fork Trinity River, in North Central Texas, to support FEMA's Discovery process and validation of effective Zone A Special Flood Hazard Areas (SFHA).

The East Fork Trinity Watershed study area consisted of five HUC-10 basins: Duck Creek, Lake Ray Hubbard, Lavon Lake, Indian Creek, and Pilot Grove Creek. Figure 1 shows the orientation of the East Fork Trinity Watershed HUC-10 basins with respect to the counties.

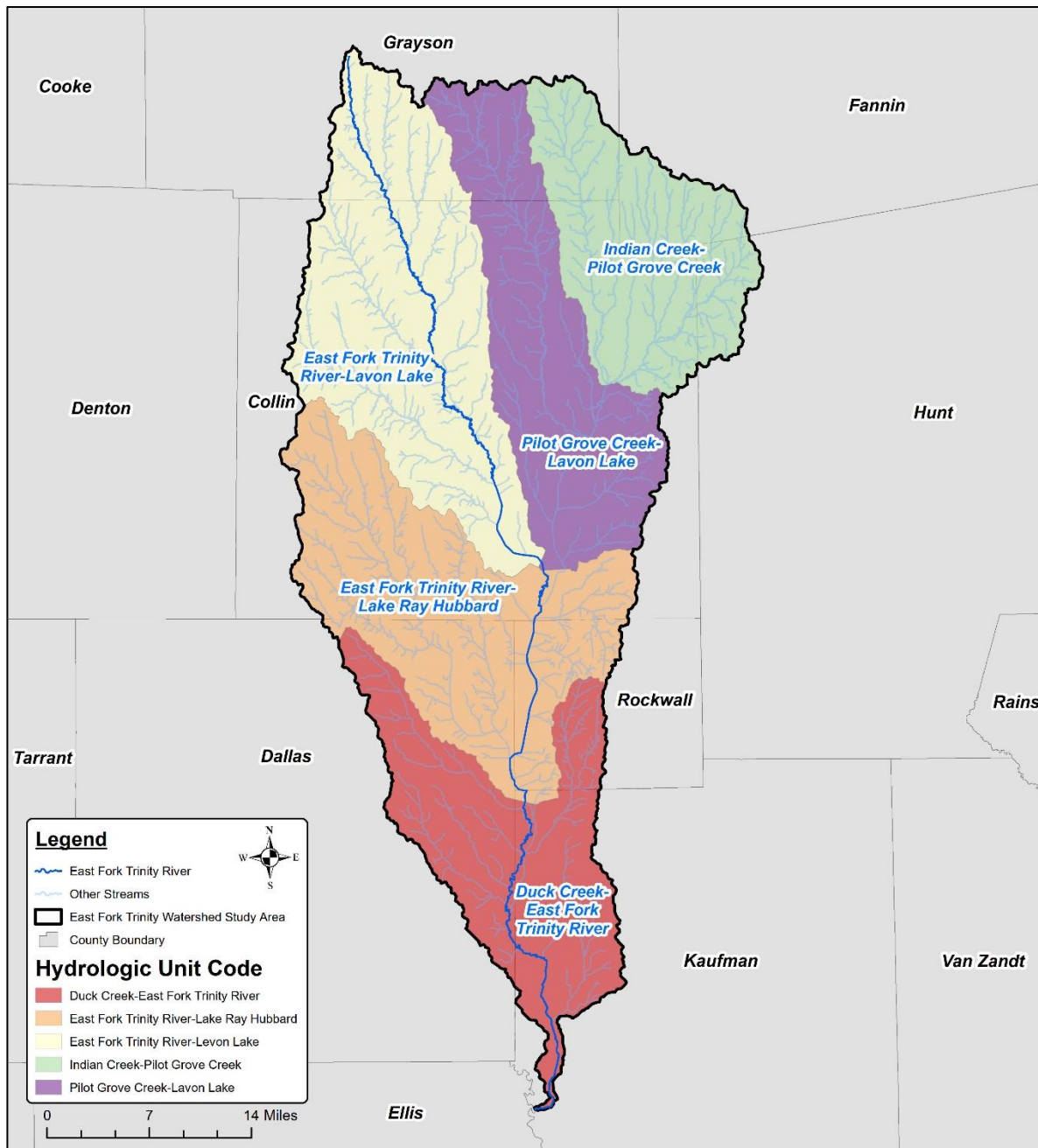


Figure 1: East Fork Trinity Watershed HUC-10 Basins

AECOM studied approximately 1,600 miles of stream reaches within the East Fork Trinity Watershed with a minimum drainage area tolerance of one square mile outside of population centers and one half square mile inside of population centers. Population centers were identified as having a population of greater than 1,000 people. The selection and extent of stream reaches studied was based upon the number of stream miles with minimum drainage area of one square mile (or one half square mile) and not the number of effective Zone A stream miles.



Study reaches were extended above this threshold as appropriate to ensure all effective Zone A floodplain received an updated analysis. Topographic data available from the United States Geologic Survey (USGS) was used to determine the hydrologic and hydraulic characteristics of the watershed. The following sections will summarize the BLE process and will discuss the results along with their recommended use.

## **1.1 Topographic Data**

Documentation regarding leverage data and process including coverage, accuracy, acquisition dates, and source contact/agency are presented in the figures, tables and text within this section. All vertical accuracy specifications were obtained from the metadata or survey reports provided with the leverage datasets. All available metadata, survey reports, and other leverage documentation are included in the FEMA Data Capture Technical Reference compliant submittal. Figure 2 shows the extents of the source Digital Terrain Model (DTM) data used for the HUC-8 watershed studied.

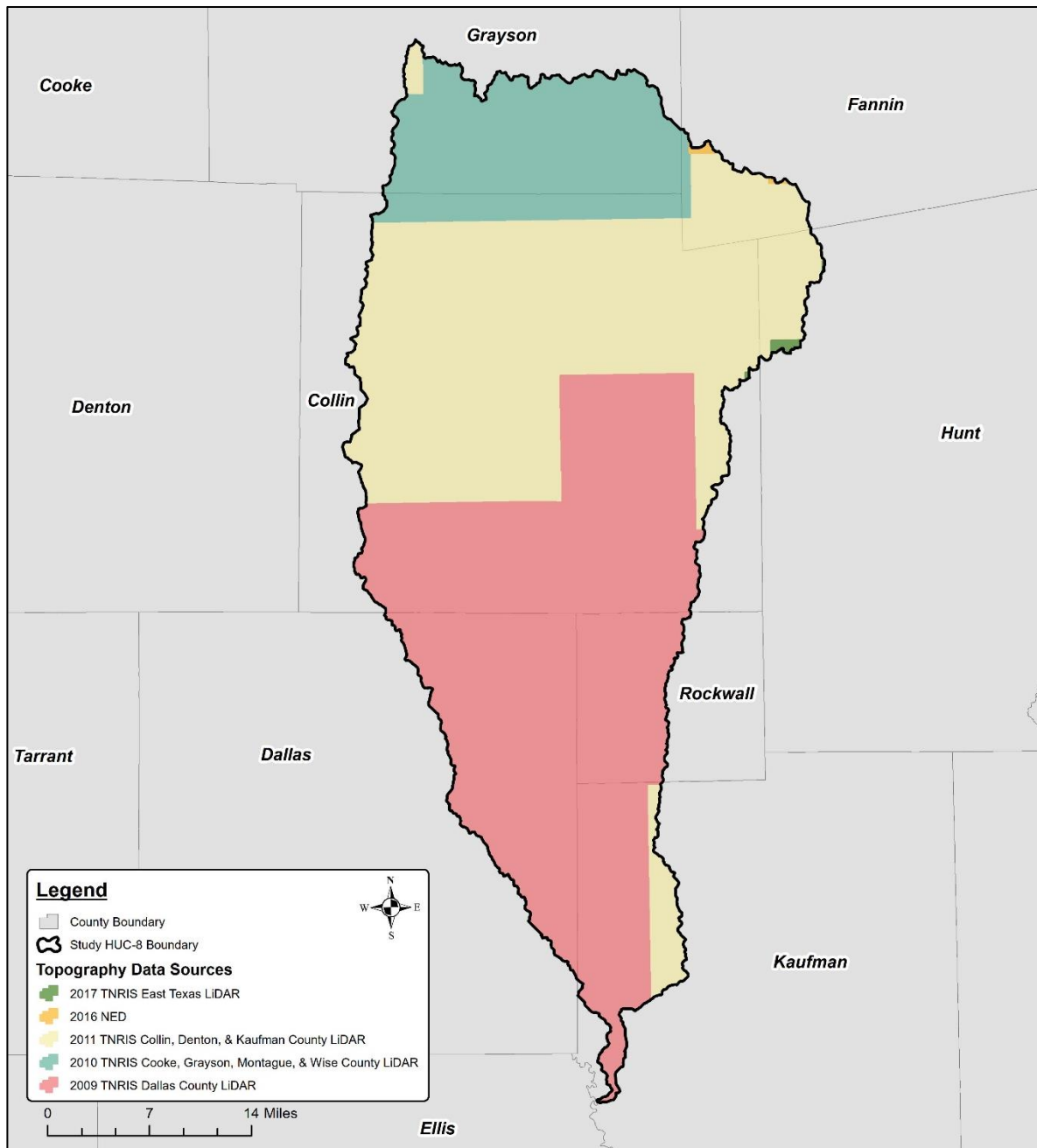


Figure 2: Extent of LiDAR Data for the East Fork Trinity Watershed

### 1.1.1 Source Terrain Data

#### 1.1.1.1 2017 TNRIS LiDAR (East Texas)

This LiDAR was collected between December and March of 2017, and includes portions of Denton, Collin, Cooke, Grayson, and Kaufman Counties. The LiDAR acquisition area covers 2,373 square miles at 0.4m point spacing. The RMSEz reported for the dataset was 6 cm at the 95% confidence level which meets project accuracy specifications of the NSSDA.

### **1.1.1.2 2016 USGS National NED DEM (Fannin)**

This dataset was collected by the United States Geological Survey (USGS) as part of the 3D Elevation Program (3DEP). It was collected in April of 2018 and covers portions of Fannin County at 30 meter resolution and tiled in 1-degree blocks.

### **1.1.1.3 2011 TNRIS LiDAR (Collin, Denton, and Kaufman)**

This LiDAR was collected between January and April of 2011, and includes portions of Denton, Collin, Cooke, Grayson, and Kaufman Counties. The LiDAR acquisition area covers 2,373 square miles at 0.4m point spacing. The RMSEz reported for the dataset was 6 cm at the 95% confidence level which meets project accuracy specifications of the NSSDA.

### **1.1.1.4 2010 TNRIS LiDAR (Cooke, Grayson, Montague, and Wise)**

This dataset was developed by Texas Natural Resource Information System (TNRIS) Counties as part of the High Priority Imager and Data Sets (HPIDS) contract. It was collected from May to August of 2010 and covers portions of Cooke, Grayson, and Wise at 4 points/meter. The RMSEz reported for the dataset was 8.1 cm at the 95% confidence level which meets project accuracy specifications of the National Standard for Spatial Data Accuracy (NSSDA).

### **1.1.1.5 2009 TNRIS LiDAR (Dallas)**

This dataset was developed by Texas Natural Resource Information System (TNRIS) in the Spring of 2009 as part of the High Priority Imager and Data Sets (HPIDS) contract. It covers the Dallas metroplex at 1 meter spacing. The RMSEz reported for the dataset was 14.6 cm at the 95% confidence level which meets project accuracy specifications of the National Standard for Spatial Data Accuracy (NSSDA).

## **1.1.2 Terrain Data Processing**

The Watershed Information System (WISE) software platform was utilized in order to create a digital surface model for the East Fork Trinity project area. This module allows source data from a variety of sources to be prioritized based on level of accuracy or preference of the user, and these datasets were used as the data sources for creating the 10-foot and 50-ft DEMs.

The 10-foot DEMs created from the LiDAR datasets described above were compiled in order of vertical accuracy into a mosaic dataset using ArcMap. From this mosaic, a tile index was created for the project area and the mosaic was clipped into 50,000-foot tiles, converted to asciis and imported into Wise Terrain Analyst (WTA). Visual inspection of the 10-foot DEMs was performed to ensure no voids and/or artifacts were present. The DEM surface model was affirmed to be suitable for hydraulic takeoffs and supporting other hydraulic analyses.

Stream centerlines were manually digitized using the 10-foot DEMs as a source for horizontal alignment and vertical elevation. These stream centerlines are created for use in the hydraulic analysis and hydro-enforcement of the 50-foot DEMs. Several routines were then used to take localized elevations from the source topographic data and apply them to the streams. This gave the stream vertices elevation information along the Z axis. The resulting elevations ensure that the streams are lower in elevation than any overbank sumps. A separate routine was then used to ensure that the elevations of these vertices descend in height down to an outfall. The final streams

file is then “burned” into the 50-foot DEMs to force flow through structures while preventing it from jumping out of the channel banks.

After the DEM was imported, an additional 50-foot DEM was created from the same mosaic and tile index used for the 10-foot DEM. This 50-foot DEM was used for hydro-enforcement of the project area. Proprietary software was used to identify natural sinks, peaks and flat areas in the 50-foot DEM surface. Elevations of the cells in the DEM were algorithmically calculated and the best path to route flow was determined without filling sinks in the DEM. Once all calculations were completed, the flow was checked confirming that all drainage flowed downstream correctly and routed to outside of the project area.

In addition to the quantitative assessment of the source digital terrain, a qualitative visual inspection of the composite DEM was performed using a hillshade derived from the 10-foot DEM. The visual inspection indicated no unusual or non-terrestrial features were observed in the composite DEM assuring the surface files used for hydrologic and hydraulic analyses and floodplain mapping activities are sufficient for BLE analysis.

## 1.2 Hydrology

Flood discharges for this study were calculated using both USGS regression equations and gage analysis, where stream gages with sufficient records exist. Regression equations obtained from the USGS Scientific Investigations Report (SIR) 2009-5087 Regression Equations for Estimation of Annual Peak-Streamflow Frequency for Undeveloped Watersheds in Texas Using an L-moment-Based, PRESS-Minimized, Residual-Adjusted Approach (2009) were used for this study.

The WISE computer program was used to delineate drainage basins in shapefile format using the 50-foot DEM. WISE was also used to calculate the main-channel slope and main-channel length for each basin. The basin shapefile attribution was automated by WISE with drainage area, main-channel slope, and precipitation.

The USACE HEC-SSP version 2.0 was used to perform Flood Frequency Analysis (FFA) for three gages within the East Fork Trinity Watershed.

Table 1 shows the published equations for unregulated streams. In these equations,  $Q_i$  represents peak streamflow for  $i$ -recurrence interval (annual chance exceedance (a.c.e.)) in cubic feet per second (cfs), CONTDA is the cumulative drainage area in square miles,  $S$  represents the main-channel slope measured from the longest flowpath upstream of the a reach to the outlet of the sub-basin of interest, and PRECIP represents mean annual precipitation in inches.  $\Omega$  is a regression specific parameter that represents generalized terrain and climate indices.

The mean annual precipitation values for the Texas regression equations were determined based on gridded coverage obtained from the PRISM Climate Group, and available for download from the following location: <http://www.prism.oregonstate.edu/explorer/>

The annual precipitation values reflect data for the climatological period 1981-2000 as recorded in the USGS National Water Information System.

Table 1: Summary of Regression Equations for Undeveloped Watersheds in Texas (SIR 2009-5087)

| Recurrence Interval                                                                                                                                                                                                                                                                        | Equation <sup>1</sup>                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Q <sub>10%</sub>                                                                                                                                                                                                                                                                           | $\text{PRECIP}^{1.203} S^{0.403} * 10^{[0.908 * \Omega + 13.62 - 11.97 * \text{CONTDA}^{(-0.0289)}]}$ |
| Q <sub>4%</sub>                                                                                                                                                                                                                                                                            | $\text{PRECIP}^{1.140} S^{0.446} * 10^{[0.945 * \Omega + 11.79 - 9.819 * \text{CONTDA}^{(-0.0374)}]}$ |
| Q <sub>2%</sub>                                                                                                                                                                                                                                                                            | $\text{PRECIP}^{1.105} S^{0.476} * 10^{[0.961 * \Omega + 11.17 - 8.997 * \text{CONTDA}^{(-0.0424)}]}$ |
| Q <sub>1%</sub>                                                                                                                                                                                                                                                                            | $\text{PRECIP}^{1.071} S^{0.507} * 10^{[0.969 * \Omega + 10.82 - 8.448 * \text{CONTDA}^{(-0.0467)}]}$ |
| Q <sub>0.2%</sub>                                                                                                                                                                                                                                                                          | $\text{PRECIP}^{0.988} S^{0.569} * 10^{[0.976 * \Omega + 10.40 - 7.605 * \text{CONTDA}^{(-0.0554)}]}$ |
| <sup>1</sup> Variables:<br>Q <sub>i</sub> peak flow for i recurrence interval (a.c.e.), in cubic feet per second;<br>CONTDA, Contributing Drainage Area in square miles;<br>S, Main-channel Slope (dimensionless);<br>PRECIP, Mean Annual Precipitation in inches;<br>Ω, OmegaEM parameter |                                                                                                       |

Discharges for the 1-percent plus and 1-percent minus a.c.e. were calculated as well. These values were computed by multiplying the Q<sub>1%</sub> discharges by 1.995 and 0.501 respectively, which account for the log10 format residual standard error of 0.30 associated with the Q<sub>1%</sub> regression equation.

Drainage area for each sub-basin was determined based on automated basin delineations performed in WISE. Basin break points were set by the user with a sub-basin target of one square mile (outside population centers) in size. This criterion was adjusted for streams with larger drainage areas in order to avoid excessive and unnecessary discharge breaks. Break points were also set just upstream of stream confluences. Cumulative drainage area was determined based on these automated delineations performed by WISE, in combination with a stream connectivity routine that defined the stream reach segments with upstream and downstream neighbors.

The sub-basin shapefile was attributed with the computed discharges as part of the automated script. From the sub-watershed basin shapefile the discharges were incorporated into the HEC-RAS models using an automated routine in WISE. Discharges, as well as water surface elevation results, were associated with the hydraulic cross sections prior to generation of floodplain boundaries and grid mapping. Those results are available in GIS format as part of this BLE submittal package.

The USGS stream gages in the East Fork Trinity River HUC-8 watershed listed in Table 2 and shown in Figure 3, were used to locally adjust regression flows.



Table 2: USGS Stream Gages Used in Analyses

| HUC-8 Watershed         | Gage ID  | Flooding Source and Location  | Computed Drainage Area (mi <sup>2</sup> ) | Published Drainage Area (mi <sup>2</sup> ) | Period of Record |
|-------------------------|----------|-------------------------------|-------------------------------------------|--------------------------------------------|------------------|
| East Fork Trinity River | 08061540 | Rowlett Ck nr Sachse          | 121.5                                     | 121                                        | 1969-2017        |
|                         | 08061700 | Duck Ck nr Garland            | 32.0                                      | 31.6                                       | 1958-1992        |
|                         | 08059400 | Sister Grove Ck nr Blue Ridge | 83.0                                      | 83.1                                       | 1976-2017        |

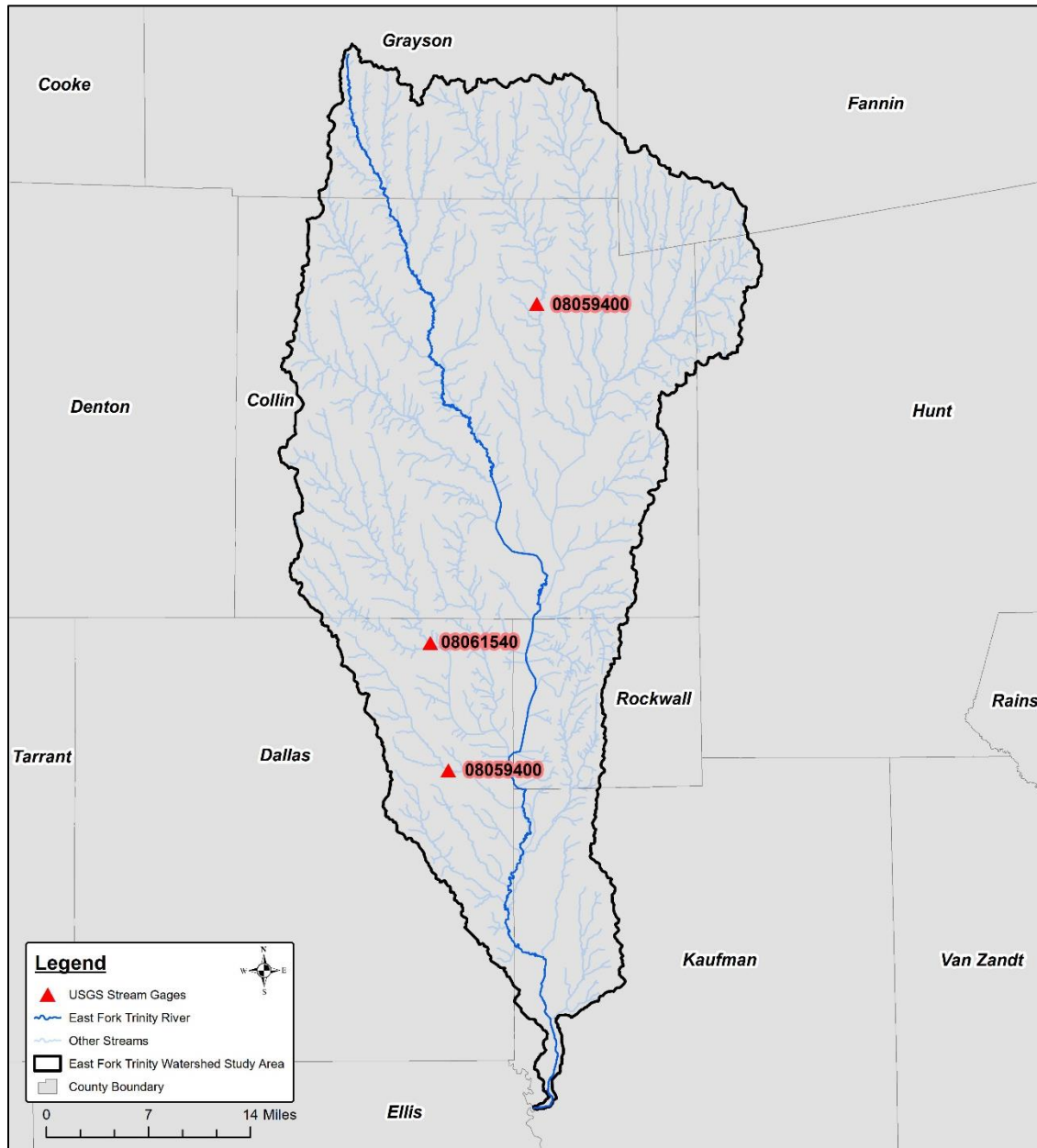


Figure 3: USGS Gage Stations incorporated within the East Fork Trinity Watershed

FFA was performed in accordance with Bulletin 17B guidelines for the gages on Rowlett Creek near Sachse (08061540), on Duck Creek near Garland (08061700) and on Sister Grove Creek near Blue Ridge (08059400). Similar to the regression analysis results, the discharges used on these streams are associated with the hydraulic cross sections in the GIS shapefiles.

### 1.2.1 Special Considerations

It is important to note the location of the two large reservoirs, Lavon Lake and Lake Ray Hubbard, on the main stem of the East Fork Trinity River. Not only do these flood control structures impact main stem flow rates, but their use of independent gates means that a general regression equation approximation of elevation discharge data cannot be used to accurately estimate discharges.

For the purpose of this study main stem flows in this area were provide by the USACE as shown in the table below:

Table 3: East Fork Trinity River Main Stem Flows

| Model XS Station | R6 FY17 RTO - East Fork - Preliminary Discharges                                                       |       |       |       |           |       |          |        |
|------------------|--------------------------------------------------------------------------------------------------------|-------|-------|-------|-----------|-------|----------|--------|
|                  | Stream Location                                                                                        | 10YR  | 25YR  | 50YR  | 1p_minus* | 100YR | 1p_plus* | 500YR  |
| 148476.629       | Downstream of Lake Ray Hubbard                                                                         | 26000 | 38000 | 48700 | 31012     | 61900 | 123491   | 107200 |
| 139368.038       | At US-80                                                                                               | 30100 | 43800 | 56200 | 35771     | 71400 | 142443   | 123400 |
| 125096.439       | At Union Pacific Railroad                                                                              | 28300 | 43100 | 57800 | 37525     | 74900 | 149426   | 131100 |
| 103269.765       | At IH-20                                                                                               | 25300 | 38100 | 52900 | 35721     | 71300 | 142244   | 126500 |
| 63355.408        | At US-175                                                                                              | 23500 | 33700 | 46900 | 31262     | 62400 | 124488   | 109200 |
| 20542.241        | At Confluence with Trinity Main                                                                        | 20600 | 29100 | 39100 | 25902     | 51700 | 103142   | 80800  |
|                  | <b>Note: Discharges represent preliminary HMS results from uniform rainfall simulation from USACE.</b> |       |       |       |           |       |          |        |

\* 1p\_minus and 1p\_plus flows were calculated from the provided 100YR recurrence interval using the 0.501/1.995 Standard Error ratios described in the previous section

## 1.3 Hydraulics

The hydraulic approach used for this BLE analysis for the East Fork Trinity Watershed consisted of using the terrain model described in Section 1.1 in combination with the developed hydrologic inputs described in Section 1.2 to establish water surface elevations using 1-D steady state analysis. The Hydrologic Engineering Center's River Analysis System (HEC-RAS) program version 5.0.5 was selected to compute water surface elevations for each stream. The WISE computer program was used to establish model stream orientation, initial hydraulic cross section layout and stationing, assign n-values to cross sections, and to develop all input files for the HEC-RAS program. ESRI's ArcMap program was used to review and refine cross section layout orientation.

An initial cross section layout was performed using an automated routine in WISE based on the drainage area at the cross section location. A draft model was developed using this initial cross

section layout and draft boundaries were developed. Next, cross sections were inspected and refined. To improve the hydraulic models, additional cross sections were added as needed to better define the BLE floodplain boundary and extended where overtopping occurred. Orientation of cross sections was also improved if parallel to flow. Additional cross sections were added at floodplain constrictions and at downstream portions of tributaries to ensure a proper tie-in with receiving streams. Cross sections were also adjusted to remove hydraulic crossings in the floodplain. It is estimated that 95 percent of cross-sections were adjusted in some work areas while other areas did not require as much editing.

Cross sections were not drawn on top of roadways or railroads but were placed at the upstream and downstream face of major roads and railroads. Ineffective flow stations were placed in the hydraulic models as appropriate to account for flow constrictions as well as at locations deemed by the engineer to be ineffective at conveying flow downstream.

Cross sections were drawn on dam tops for flood control identified dams in order to better represent ponded water upstream of the structures. It was assumed in doing this that the vast majority of the flow during a flood event would pass through the spillway and that the hydraulic model would reasonably estimate flow across the spillway as represented in the hydraulic cross section.

Significant effort was made to start all tributaries below the receiving water surface elevations, but this was not always achieved, particularly in wide, flat floodplains where small tributaries ran parallel to large streams or where road crossings or dams interfered with cross section alignments. In some cases, tributary slopes or roughness coefficients were adjusted to develop a tie in difference of less than 0.5 feet.

The relationship between drainage area and assigned channel geometry is shown in Table 4. These default values for dimensions and spacing are subject to change based on the details noted above as well as the judgment of the responsible engineer.

**Table 4: Cross Section Parameters for East Fork Trinity River**

| Drainage area<br>(upper limit) | Channel Top<br>Width | Channel Bottom<br>Width | Channel Depth |
|--------------------------------|----------------------|-------------------------|---------------|
| 1                              | 9                    | 7.2                     | 0.5           |
| 2                              | 10.2                 | 8.4                     | 0.5           |
| 4                              | 12                   | 10.2                    | 0.5           |
| 8                              | 13.8                 | 12.6                    | 0.5           |
| 10                             | 15                   | 13.2                    | 0.5           |
| 15                             | 16.4                 | 14.6                    | 0.5           |
| 20                             | 19.2                 | 17.4                    | 0.5           |
| 25                             | 21.2                 | 19.5                    | 0.5           |
| 30                             | 24                   | 22.3                    | 0.5           |
| 40                             | 26.5                 | 24.9                    | 0.5           |
| 50                             | 29                   | 25.7                    | 1             |
| 75                             | 31.4                 | 27.9                    | 1             |
| 100                            | 34                   | 31.1                    | 1             |
| 150                            | 42                   | 39.0                    | 1             |
| 250                            | 58                   | 54.5                    | 2             |

| Drainage area<br>(upper limit) | Channel Top<br>Width | Channel Bottom<br>Width | Channel Depth |
|--------------------------------|----------------------|-------------------------|---------------|
| 500                            | 66                   | 62.4                    | 2             |
| 1000                           | 66                   | 62.4                    | 3             |
| 2000                           | 150                  | 140                     | 3             |
| 5000                           | 1575                 | 1565                    | 3             |
| 999999                         | 2000                 | 1990                    | 4             |

Manning's roughness coefficients (n-values) were determined using the 2011 National Land Cover Data (NLCD) dataset in combination with n-values from Chow (1959) and Calenda, et al. (2005). The association between the n-values and the NLCD Classification is shown in Table 5. Manning's n-value takeoffs were performed by WISE and the n-values were adjusted in some locations based on engineering judgment. N-values within channel banks were limited by the automated routine to a range of 0.030 to 0.070.

**Table 5: Manning's "n" Roughness Based on 2011 NLCD Classification (Moore, 2011)**

| NLCD Classification         | Minimum | Normal | Maximum | Source               |
|-----------------------------|---------|--------|---------|----------------------|
| Open Water                  | 0.025   | 0.03   | 0.033   | Chow 1959            |
| Developed, Open Space       | 0.01    | 0.013  | 0.016   | Calenda, et al. 2005 |
| Developed, Low Intensity    | 0.038   | 0.05   | 0.063   | Calenda, et al. 2005 |
| Developed, Medium Intensity | 0.056   | 0.075  | 0.094   | Calenda, et al. 2005 |
| Developed, High Intensity   | 0.075   | 0.1    | 0.125   | Calenda, et al. 2005 |
| Barren Land                 | 0.025   | 0.03   | 0.035   | Chow 1959            |
| Deciduous Forest            | 0.1     | 0.12   | 0.16    | Chow 1959            |
| Evergreen Forest            | 0.1     | 0.12   | 0.16    | Chow 1959            |
| Mixed Forest                | 0.1     | 0.12   | 0.16    | Chow 1959            |
| Scrub/Shrub                 | 0.035   | 0.05   | 0.07    | Chow 1959            |
| Grassland/Herbaceous        | 0.025   | 0.03   | 0.035   | Chow 1959            |
| Pasture/Hay                 | 0.03    | 0.04   | 0.05    | Chow 1959            |
| Cultivated Crops            | 0.025   | 0.035  | 0.045   | Chow 1959            |
| Woody Wetlands              | 0.08    | 0.1    | 0.12    | Chow 1959            |
| Emergent Herbaceous Wetland | 0.075   | 0.1    | 0.15    | Chow 1959            |

The boundary condition used for the majority of the study streams was normal depth with a default value of 0.005 ft/ft. For streams with large drainage areas (generally greater than 8 square miles), the normal depth slope was calculated based on the HEC-RAS profile invert.

### 1.3.1 Special Considerations

Using the above Manning's "n" values, gave exaggerated velocities for a number of streams in the East Fork Trinity Watershed, which calculated the 10-percent water surface elevation (WSEL) to be higher than the 1-percent WSEL and/or the 1-percent WSEL to be higher than the 0.2-percent WSEL. To compensate for these inaccuracies, the Manning's "n" values were adjusted, as necessary, to ensure the 10-percent WSEL produced were less than the 1-percent WSEL and the 1-percent WSEL were less than the 0.2-percent WSEL.

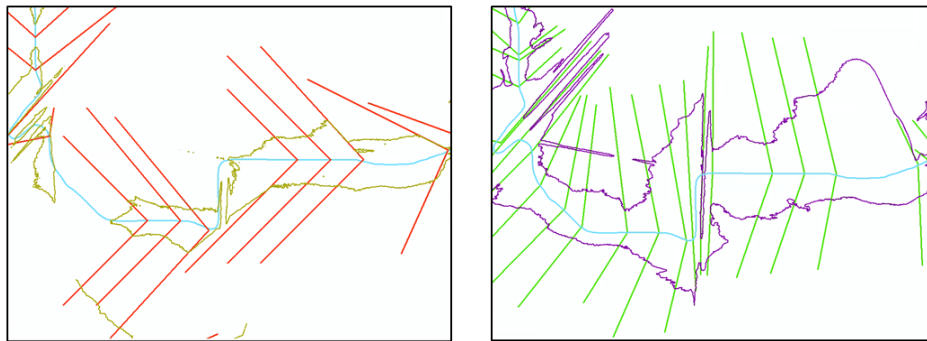
Rather than attempting to model the Lavon Lake and Lake Ray Hubbard structures hydraulically, or forcing models to match existing flood pool elevations, this study only incorporates the dam

structures hydraulically with top of dam cross section approximations. At the time of writing, January of 2019, a detailed study is being developed of the main stem of the East Fork Trinity River downstream of Lake Ray Hubbard. This BLE study incorporated draft cross sections developed for that detailed study for the portion of the East Fork Trinity River downstream of Lake Ray Hubbard. This detailed study should also incorporate detailed structural information for both dams, and must be relied on for more accurate main stem water surface elevations.

## 1.4 Quality Control

Initial mapping results were reviewed by separate consultants to identify areas of inconsistency or places where the models could be improved. In some cases this quality control (QC) review indicated models should be extended to cover the scope of effective flood hazard data. Those streams were extended farther upstream to match the extents of the SFHA data. Other potential improvements included adding cross-sections, adjusting orientation of cross sections, trimming cross sections and reduction of the default “V” angle of cross sections. Examples of default “V” angled cross sections are shown in Figure 4.

A major component of the QC process was an automated check that identified locations where the 1-percent a.c.e profile was crossed by another frequency or by the 1-percent plus or 1-percent minus profile. Significant effort was made to reasonably resolve these crossings. Another automated check identified locations with a 1-percent a.c.e. water surface profile drawdown of greater than 0.5 foot. An associated check was performed by isolated all areas of slope change in the 1-percent a.c.e. water surface profile greater than 5 percent. Again, significant effort was made to reasonably resolve these drawdown situations.



**Figure 4: Default “V” angle cross-sections automated by WISE (left). Manually edited cross-sections to more accurately capture terrain (right). Resulting flood boundaries shown in gold (left) or purple (right) for clarity.**

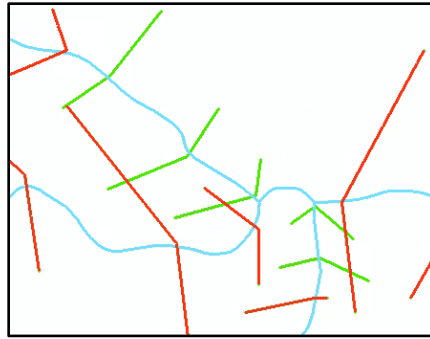


Figure 5: Manually added cross-sections (green) to improve accuracy of tie-ins at confluences.

## 1.5 1-Percent Special Flood Hazard Area Delineation

The 1-percent and 0.2-percent boundaries were mapped using a routine that develops water surface elevation grids based on the 10-foot cell size DEM developed from the LiDAR dataset used for this project (See Section 1.1). This product was converted to a polygon for cleaning. The cleaning routine involved manual inspection of the polygons to identify and remove areas of disconnected flooding. In general, areas with a size of less than 5,000 square feet were removed and all others were investigated to determine whether they should be considered as potentially part of the SFHA. This investigation was aided by the ground DEM and aerial imagery. Manual adjustments to the polygons were made to account for spillways on dams which could not be accurately modeled using HEC-RAS as well as disconnected areas along the flooding source that should reasonably be connected.

Following the removal of disconnected flooding areas and other boundary adjustments, the small islands in the floodplain were filled. Islands with a size between roughly 5,000 and 30,000 square feet were inspected and, in general, islands that were less than 10,000 square feet were filled.

Once the island filling process was complete, the water surface raster mapping routine was run and set to conform to the polygon boundary. This ensures that the water surface raster and the floodplain boundary are consistent with each other. The depth raster product was created at the end of the process by performing a raster subtraction with the water surface elevation raster and the ground DEM.

## Challenges

Challenges encountered during BLE analyses will vary based on available data on which to run the analysis. The watershed analysis presented challenges as summarized in the following paragraphs.

As noted in Section 1.3 above, significant effort was made to start all tributaries below the receiving water surface elevations but this was not always achieved, particularly in wide, flat floodplains where small tributaries ran parallel to large streams or where road crossings or dams interfered with cross section alignments.

Parallel streams with shared floodplains were modeled by moving the combined discharge upstream to the cross section that begins the shared floodplain.



An effort was made to bend cross-sections to follow basin boundaries. Some areas around tributaries of the East Fork Trinity River appeared to overflow into other basins and indicate an overestimation of conveyance, the modeling of which is beyond the scope of this BLE project. Cross-sections for these areas were revised to avoid overflow and will require further analysis for more detailed studies.

Significant effort was made to contain the flooding events, but this was not always achieved due to particularly wide, flat floodplains and where small tributaries ran parallel to large streams or where road crossings interfered with cross section alignments. If cross sections were extended past the basin boundary in an attempt to contain the flooding, the flooding often shifted completely off of the streamline due to the flat terrain and/or parallel streams. Cross sections were drawn to basin boundaries in an effort to accurately map flooding.

## Results and Recommendations

The BLE results for this study produced a SFHA that compares reasonably well with the effective SFHA. Differences are attributed to the updated topographic data used as well as the approximate methods used. BLE boundaries also provide an additional estimated SFHA in areas that do not currently have a SFHA mapped. These results provide context for flood risk communication as part of the Discovery process, and should be verified through community work map meetings before being applied to a regulatory product.

A map showing the BLE results is included as Appendix B.

### 3.1 CNMS Validation of Effective Zone A SFHA

The majority of the inventory of Zone A studies (555.6 miles) in the East Fort Trinity HUC-8 was classified in CNMS with a validation status of “VALID” and status type of “BEING STUDIED.” The following is a summary of the results of the CNMS validation assessment for the effective Zone A studies in the study area. Initial Assessment checks A1-A3 were evaluated for the CNMS inventory of Zone A studies.

#### INITIAL ASSESSMENT A1 – SIGNIFICANT TOPOGRAPHY UPDATE CHECK

This check involves determining whether a topographic data source is available that is significantly better than what was used for the effective Zone A modeling and mapping. For the study area in East Fork Trinity Watershed, the effective Zone A topographic data leveraged varied from county to county based upon when the effective study was performed. In most cases, the topography listed in Section 1.1 of this report represents a significant improvement from the assumed effective Zone A topographic source. Therefore, this element was set to FAIL for these reaches. However, the studies in the southern half of the watershed were set to PASS this element. The LiDAR available in this area is a significant improvement over the topography used in the effective studies, but it does not meet Quality Level 2 (QL2) standards.

#### INITIAL ASSESSMENT A2 – CHECK FOR SIGNIFICANT HYDROLOGY CHANGES

This check involves determining whether new regression equations have become available from the USGS since the date of the effective Zone A analysis. If newer regression equations exist for the area of interest, then an engineer must determine whether these regression equations would significantly affect the 1-percent annual chance flow.

Generally, the hydrologic methods used for the effective studies are not provided in the FIS Reports and are unknown. Therefore, this element was set to PASS for these reaches. In reaches included in LOMR updates where the effective hydrologic methods are known, none of the known methods included regression equations. Therefore, this element was set to PASS for these reaches as well.

### INITIAL ASSESSMENT A3 – CHECK FOR SIGNIFICANT DEVELOPMENT

This check involves using the National Urban Change Indicator (NUCI) dataset to assess increased urbanization in the watershed of the Zone A study. If the percentage of urban area within the HUC-12 watershed containing the effective Zone A study is 15% or more, and has increased by 50% or more since the effective analysis, the study would fail this check. Although the NUCI data provide year-to-year changes in urbanization, the NLCD also is needed to establish a baseline of urban land cover for this analysis. The check for significant development in this watershed was completed by evaluating percentage of urban change at the HUC-12 level.

The HUC-12 watersheds in the study area are classified as rural and urban. For reaches located in rural HUC-12 watersheds, this element was set to PASS. The urban areas are generally located near Dallas, TX and are located in Collin, Dallas, Rockwall and Kaufman Counties. The percent increase of impervious area within the urban HUC-12 watersheds varied. For watersheds that increased by greater than 50%, this element was set to FAIL. For watersheds that did not increase by greater than 50%, this element was set to PASS.

Table 6: Zone A Initial Assessment Results

| Assessment Check | Pass / Fail | Notes                                                                                                                   |
|------------------|-------------|-------------------------------------------------------------------------------------------------------------------------|
| A1 – Topography  | Pass/Fail   | New LiDAR available does not meet QL2 standards/LiDAR available is a significant improvement from effective topo source |
| A2 – Hydrology   | Pass        | Not known if regression used in effective study or regression known not to be used in effective study                   |
| A3- Development  | Pass/Fail   | Rural or less than 50% IA increase HUC-12/Greater than 50% IA increase HUC-12                                           |

### VALIDATION CHECK A4 – CHECK OF STUDIES BACKED BY TECHNICAL DATA

Zone A studies that pass all initial assessment checks described above may be categorized as “Valid” in the CNMS Inventory only if the effective Zone A study is supported by modeling or sound engineering judgment and all regulatory products are in agreement. If the effective Zone A study passes all initial assessment checks, but is not supported by modeling or if the original engineering method used is unsupported or undocumented, the Refined Zone A Engineering comparison is performed.

The streams within Rockwall County (CO\_FIPS = 48397) were included in post-Map Modernization studies (2003 or newer) and are assumed to be backed by technical data. Therefore, this element was set to PASS for these reaches. The streams included in LOMR updates were included in post-Map Modernization studies (2003 or newer) and are known to be model-backed. Therefore, this element was set to PASS for these reaches as well. The streams that were not included in LOMR updates and fall within Grayson, Fannin, Collin, Dallas, or Kaufman Counties are not model-backed or supported by technical data. Therefore, this element was set to FAIL for these reaches.

### VALIDATION CHECK A5 – COMPARISON OF BLE AND EFFECTIVE ZONE A

The BLE /effective Zone A comparison method leverages the existing Floodplain Boundary Standard (FBS) certification procedures described in FEMA SID #113, but with a slight modification. This modified FBS comparison approach uses the 1-percent plus and 1-percent minus flood profiles and horizontal and vertical tolerances described in FEMA’s Automated Engineering guidance document dated May 2016. For the comparison of BLE and effective Zone A in the Texas study area, the following vertical and horizontal

tolerances were used to conduct the modified FBS procedure. One point was placed every 200 feet along the floodplain boundaries for comparison.

Vertical Tolerance: +/- 10 feet (one-half contour interval of assumed effective topographic source).

Horizontal Tolerance: +/- 75 feet (standard horizontal tolerance for BLE comparison testing).

Comparison results for these streams were grouped at the HUC-12 level and are summarized in Table 7 below to better understand the general health of the HUC-12 watershed, but the validation check was performed at the stream level. Streams where the percentage of passing FBS sample points is greater than or equal to 85% are marked as "Pass", otherwise marked as "Fail".

**Table 7: BLE Comparison Results**

| HUC-12 Watershed                             |                  | Total FBS points | Fail  | Pass   | %Pass  | BLE Comparison Pass? (>85%) | Priority Score |
|----------------------------------------------|------------------|------------------|-------|--------|--------|-----------------------------|----------------|
| Watershed Name                               | Watershed Number |                  |       |        |        |                             |                |
| East Fork Trinity                            | All Streams      | 53,661           | 8,220 | 45,441 | 84.7%  | Fail                        |                |
| Anthony Branch-Buffer Creek                  | 120301060506     | 1652             | 471   | 1181   | 71.5%  | Fail                        | 20.5           |
| Arnold Creek                                 | 120301060102     | 3404             | 624   | 2780   | 81.7%  | Fail                        | 10.7           |
| Bear Creek-Indian Creek                      | 120301060101     | 2996             | 363   | 2633   | 87.9%  | Pass                        | 8.8            |
| Brown Branch Rowlett Creek                   | 120301060406     | 60               | 6     | 54     | 90.0%  | Pass                        | 9.5            |
| Camp Creek-Lake Ray Hubbard                  | 120301060401     | 3627             | 662   | 2965   | 81.7%  | Fail                        | 16.6           |
| Clemons Creek-East Fork Trinity River        | 120301060205     | 3155             | 536   | 2619   | 83.0%  | Fail                        | 15.0           |
| Cottonwood Creek-East Fork Trinity River     | 120301060402     | 2127             | 365   | 1762   | 82.8%  | Fail                        | 15.3           |
| Desert Creek-Pilot Grove Creek               | 120301060105     | 2161             | 195   | 1966   | 91.0%  | Pass                        | 6.0            |
| Duck Creek                                   | 120301060501     | 12               | 0     | 12     | 100.0% | Pass                        | 0.0            |
| Elm Creek-Lavon Lake                         | 120301060305     | 2595             | 755   | 1840   | 70.9%  | Fail                        | 26.2           |
| Headwaters Pilot Grove Creek                 | 120301060104     | 2920             | 564   | 2356   | 80.7%  | Fail                        | 9.7            |
| Headwaters Rowlett Creek                     | 120301060404     | 387              | 7     | 380    | 98.2%  | Pass                        | 7.9            |
| Headwaters Sister Grove Creek                | 120301060302     | 2690             | 227   | 2463   | 91.6%  | Pass                        | 6.7            |
| Honey Creek                                  | 120301060204     | 5520             | 525   | 4995   | 90.5%  | Pass                        | 8.3            |
| Long Branch-Buffer Creek                     | 120301060502     | 3935             | 715   | 3220   | 81.8%  | Fail                        | 16.5           |
| Lower Wilson Creek                           | 120301060207     | 1188             | 153   | 1035   | 87.1%  | Pass                        | 12.4           |
| Muddy Creek-Lake Ray Hubbard                 | 120301060403     | 1422             | 244   | 1178   | 82.8%  | Fail                        | 17.6           |
| Mustang Creek-East Fork Trinity River        | 120301060505     | 1474             | 615   | 859    | 58.3%  | Fail                        | 36.5           |
| North Mesquite Creek-East Fork Trinity River | 120301060503     | 612              | 189   | 423    | 69.1%  | Fail                        | 27.2           |
| Pittman Creek-Spring Creek                   | 120301060407     | 124              | 5     | 119    | 96.0%  | Pass                        | 3.8            |

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| HUC-12 Watershed                           |                  | Total FBS points | Fail | Pass | %Pass  | BLE Comparison Pass? (>85%) | Priority Score |
|--------------------------------------------|------------------|------------------|------|------|--------|-----------------------------|----------------|
| Watershed Name                             | Watershed Number |                  |      |      |        |                             |                |
| Pot Rack Creek-Indian Creek                | 120301060103     | 1999             | 112  | 1887 | 94.4%  | Pass                        | 4.9            |
| Price Creek-Lavon Lake                     | 120301060307     | 1399             | 549  | 850  | 60.8%  | Fail                        | 35.3           |
| Rowlett Creek-East Fork Trinity River      | 120301060409     | 531              | 181  | 350  | 65.9%  | Fail                        | 27.8           |
| Rowlett Creek-Lake Ray Hubbard             | 120301060408     | 70               | 0    | 70   | 100.0% | Pass                        | 0.0            |
| Sister Grove Creek-Pilot Grove Creek       | 120301060304     | 1839             | 199  | 1640 | 89.2%  | Pass                        | 9.7            |
| South Mesquite Creek                       | 120301060504     | 88               | 23   | 65   | 73.9%  | Fail                        | 24.8           |
| Squirrel Creek-East Fork Trinity River     | 120301060201     | 3623             | 724  | 2899 | 80.0%  | Fail                        | 13.4           |
| Stiff Creek-Sister Grove Creek             | 120301060303     | 1607             | 66   | 1541 | 95.9%  | Pass                        | 3.8            |
| Throckmorton Creek-East Fork Trinity River | 120301060203     | 1143             | 100  | 1043 | 91.3%  | Pass                        | 8.7            |
| Ticky Creek-Lavon Lake                     | 120301060306     | 922              | 125  | 797  | 86.4%  | Pass                        | 13.8           |
| Town of Allen-Cottonwood Creek             | 120301060405     | 150              | 13   | 137  | 91.3%  | Pass                        | 8.3            |
| Upper Wilson Creek                         | 120301060206     | 2062             | 147  | 1915 | 92.9%  | Pass                        | 7.0            |
| West Prong Sister Grove Creek              | 120301060301     | 2925             | 543  | 2382 | 81.4%  | Fail                        | 10.5           |
| White House Ridge-East Fork Trinity River  | 120301060507     | 638              | 305  | 333  | 52.2%  | Fail                        | 29.9           |
| White Rock Creek-Levon Lake                | 120301060208     | 3379             | 554  | 2825 | 83.6%  | Fail                        | 13.3           |
| Whites Creek-East Fork Trinity River       | 120301060202     | 3835             | 516  | 3319 | 86.5%  | Pass                        | 10.3           |

## VALIDATION RESULTS

Based on the validation assessments and BLE comparison results described above, the CNMS inventory of Zone A studies in the East Fork Trinity Watershed has been updated as summarized in Table 8 and illustrated in Figure 6: below.

**Table 8: BLE Validation Results**

| Zone               | Validation Status | Stream Miles |
|--------------------|-------------------|--------------|
| A                  | VALID             | 555.6        |
| A                  | UNVERIFIED        | 414.1        |
| AE                 | VALID             | 418.6        |
| AE                 | UNKNOWN           | 0.3          |
| AE                 | UNVERIFIED        | 51.7         |
| AO                 | VALID             | 0.4          |
| X                  | ASSESSED          | 39.5         |
| <b>Total Miles</b> |                   | 1,480.2      |



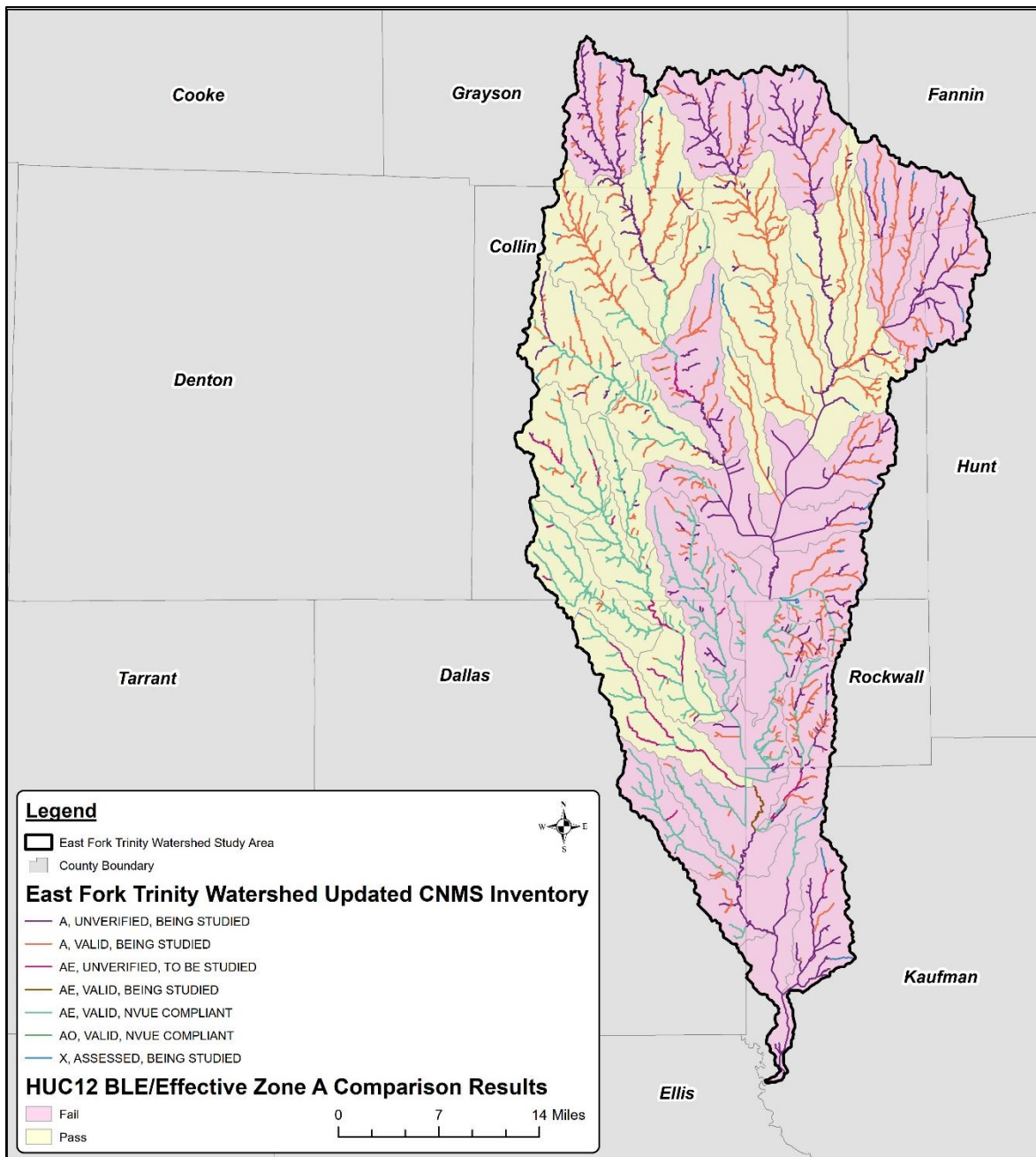


Figure 6: East Fork Trinity Watershed CNMS Validation Results

An overall risk for the HUC-12 watershed was calculated using the National Flood Risk Percentages Dataset and its proportional area. The weighted risk was multiplied by the percentage of points in the watershed that failed the CNMS comparison to effective to determine the priority score. Figure 7: below shows the range of the East Fork Trinity HUC-12 priority scores which can be used to initiate discussions during the Discovery phase.

The White House Ridge - East Fork Trinity River HUC-12 was determined to have the highest priority score of 36.5 and the most need while North Mesquite Creek, Rowlett Creek, and South Mesquite Creek all share the lowest score of 0.

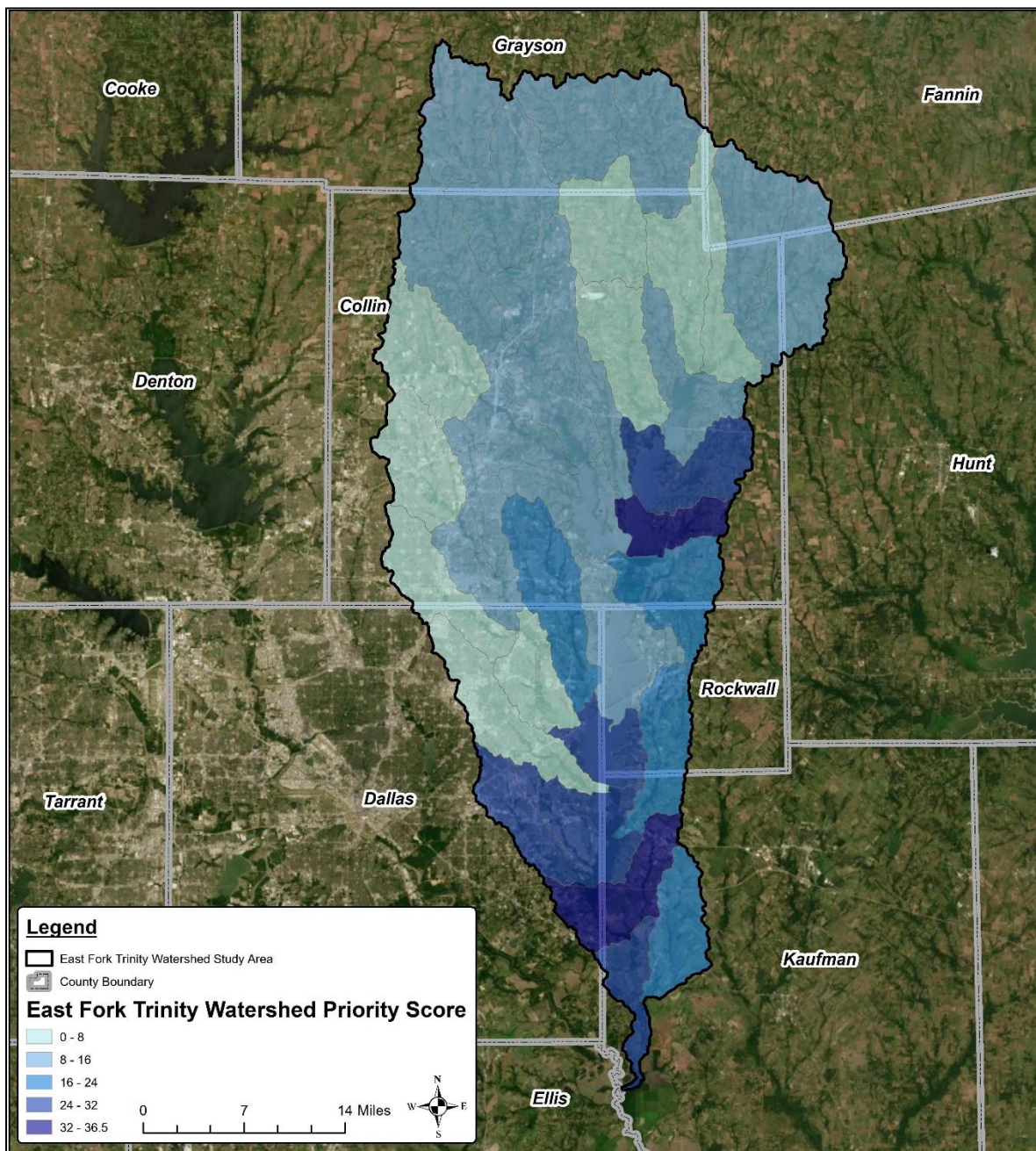


Figure 7: Ranking of East Fork Trinity Watershed HUC-12s

### 3.2 Flood Risk Analysis

An advanced flood risk analysis was performed using the updated 1-percent-annual-chance grid (known as the 'refined' grid) created for this project. The loss analysis uses 2010 census data and the subsequent results are stored in the S\_Frac\_Ar spatial file within the FRD geodatabase. All results are reported in whole dollar values.

Hazus version 4.2 was used for the basic and refined loss analysis.

The losses are reported via census blocks. It is important to note that Hazus version 4.2 uses dasymetric census blocks. Dasymetric mapping removes undeveloped areas (such as areas covered by other bodies of water, wetlands, or forests) from the Census blocks, changing their shape and reducing their size in these areas. For more information on dasymetric data visit FEMA's [Media Library](#) for the [Hazus-MH Data Inventories: Dasymetric vs. Homogenous](#), or [Hazus 3.0 Dasymetric Data Overview](#).

Hazus analysis was performed on a watershed level for the study area extents to ensure proper model processing. A summary of results per county for the 1-percent annual chance scenario are shown in Table 9.

**Table 9: Hazus 4.2 Results for 1-percent-annual-chance (100 year) scenario for East Fork Trinity Watershed, Texas**

| County   | Full Replacement - Total Loss | Dollar Exposure (Replacement Value) - Buildings | Dollar Exposure (Replacement Value) - Contents |
|----------|-------------------------------|-------------------------------------------------|------------------------------------------------|
| Collin   | \$910,167,000                 | \$71,174,363,000                                | \$40,227,721,000                               |
| Dallas   | \$646,208,000                 | \$53,675,565,000                                | \$32,601,337,000                               |
| Fannin   | \$6,460,000                   | \$459,244,000                                   | \$261,189,000                                  |
| Grayson  | \$22,024,000                  | \$1,301,950,000                                 | \$737,579,000                                  |
| Hunt     | \$2,421,000                   | \$68,652,000                                    | \$35,783,000                                   |
| Kaufman  | \$90,455,000                  | \$3,581,430,000                                 | \$1,997,327,000                                |
| Rockwall | \$193,660,000                 | \$7,208,379,000                                 | \$4,144,933,000                                |
| Total    | \$1,840,843,000               | \$137,469,583,000                               | \$80,005,869,000                               |



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10. Calenda, G.C., C.P. Mancini, and E. Volpi. "Distribution of Extreme Peak Floods of the Tiber River from the XV Century." *Advances in Water Resources*. 2005: 615-625.

## Appendix A Summary of Peak Discharges

Table A-1: Summary of Hydrology

| Stream Name                        | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                    |                         | (cfs)             | (cfs)              | (cfs)              |
| MAINSTEM – EAST FORK TRINITY RIVER |                         |                   |                    |                    |
| EAST FORK TRINITY RIVER            | 0.51                    | 687               | 344                | 1,371              |
| EAST FORK TRINITY RIVER            | 0.56                    | 750               | 376                | 1,496              |
| EAST FORK TRINITY RIVER            | 1.65                    | 2,150             | 1,077              | 4,290              |
| EAST FORK TRINITY RIVER            | 2.1                     | 2,507             | 1,256              | 5,001              |
| EAST FORK TRINITY RIVER            | 2.53                    | 2,804             | 1,405              | 5,594              |
| EAST FORK TRINITY RIVER            | 2.82                    | 3,109             | 1,558              | 6,203              |
| EAST FORK TRINITY RIVER            | 3.19                    | 3,504             | 1,756              | 6,991              |
| EAST FORK TRINITY RIVER            | 3.69                    | 3,861             | 1,934              | 7,702              |
| EAST FORK TRINITY RIVER            | 4.17                    | 4,457             | 2,233              | 8,891              |
| EAST FORK TRINITY RIVER            | 4.37                    | 4,615             | 2,312              | 9,208              |
| EAST FORK TRINITY RIVER            | 4.86                    | 5,066             | 2,538              | 10,106             |
| EAST FORK TRINITY RIVER            | 5.15                    | 5,134             | 2,572              | 10,242             |
| EAST FORK TRINITY RIVER            | 6.45                    | 6,500             | 3,257              | 12,968             |
| EAST FORK TRINITY RIVER            | 7.91                    | 7,615             | 3,815              | 15,191             |
| EAST FORK TRINITY RIVER            | 8.21                    | 7,686             | 3,851              | 15,334             |
| EAST FORK TRINITY RIVER            | 8.7                     | 8,046             | 4,031              | 16,053             |
| EAST FORK TRINITY RIVER            | 8.75                    | 8,131             | 4,074              | 16,222             |
| EAST FORK TRINITY RIVER            | 9.58                    | 8,418             | 4,217              | 16,793             |
| EAST FORK TRINITY RIVER            | 10.08                   | 8,827             | 4,422              | 17,610             |
| EAST FORK TRINITY RIVER            | 10.17                   | 9,033             | 4,526              | 18,022             |
| EAST FORK TRINITY RIVER            | 16.52                   | 13,174            | 6,600              | 26,283             |
| EAST FORK TRINITY RIVER            | 16.96                   | 13,490            | 6,758              | 26,912             |
| EAST FORK TRINITY RIVER            | 17.46                   | 13,316            | 6,671              | 26,565             |
| EAST FORK TRINITY RIVER            | 17.52                   | 13,009            | 6,518              | 25,953             |
| EAST FORK TRINITY RIVER            | 25.06                   | 16,863            | 8,449              | 33,642             |
| EAST FORK TRINITY RIVER            | 40.19                   | 24,627            | 12,338             | 49,131             |
| EAST FORK TRINITY RIVER            | 42.01                   | 25,277            | 12,664             | 50,428             |
| EAST FORK TRINITY RIVER            | 42.91                   | 25,710            | 12,881             | 51,292             |
| EAST FORK TRINITY RIVER            | 43.3                    | 25,744            | 12,898             | 51,358             |
| EAST FORK TRINITY RIVER            | 43.86                   | 25,202            | 12,626             | 50,279             |
| EAST FORK TRINITY RIVER            | 45.97                   | 26,376            | 13,214             | 52,621             |
| EAST FORK TRINITY RIVER            | 46.26                   | 26,019            | 13,036             | 51,909             |
| EAST FORK TRINITY RIVER            | 47.42                   | 26,773            | 13,413             | 53,413             |
| EAST FORK TRINITY RIVER            | 48.49                   | 27,190            | 13,622             | 54,243             |

| Stream Name             | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|-------------------------|-------------------------|-------------------|--------------------|--------------------|
|                         |                         | (cfs)             | (cfs)              | (cfs)              |
| EAST FORK TRINITY RIVER | 49.7                    | 26,717            | 13,385             | 53,301             |
| EAST FORK TRINITY RIVER | 50.59                   | 26,821            | 13,437             | 53,507             |
| EAST FORK TRINITY RIVER | 52.64                   | 27,226            | 13,640             | 54,316             |
| EAST FORK TRINITY RIVER | 52.7                    | 27,184            | 13,619             | 54,231             |
| EAST FORK TRINITY RIVER | 53.52                   | 27,503            | 13,779             | 54,868             |
| EAST FORK TRINITY RIVER | 55.51                   | 27,856            | 13,956             | 55,573             |
| EAST FORK TRINITY RIVER | 56.13                   | 27,622            | 13,838             | 55,105             |
| EAST FORK TRINITY RIVER | 57.36                   | 27,431            | 13,743             | 54,724             |
| EAST FORK TRINITY RIVER | 71.7                    | 32,128            | 16,096             | 64,095             |
| EAST FORK TRINITY RIVER | 72.02                   | 31,907            | 15,986             | 63,655             |
| EAST FORK TRINITY RIVER | 73.64                   | 31,360            | 15,711             | 62,563             |
| EAST FORK TRINITY RIVER | 76.4                    | 31,701            | 15,882             | 63,244             |
| EAST FORK TRINITY RIVER | 77.53                   | 31,793            | 15,928             | 63,427             |
| EAST FORK TRINITY RIVER | 89.84                   | 34,204            | 17,136             | 68,237             |
| EAST FORK TRINITY RIVER | 91.82                   | 34,267            | 17,168             | 68,362             |
| EAST FORK TRINITY RIVER | 92.77                   | 33,344            | 16,705             | 66,520             |
| EAST FORK TRINITY RIVER | 93.73                   | 33,780            | 16,924             | 67,391             |
| EAST FORK TRINITY RIVER | 97                      | 33,843            | 16,955             | 67,517             |
| EAST FORK TRINITY RIVER | 146.85                  | 46,685            | 23,389             | 93,136             |
| EAST FORK TRINITY RIVER | 146.96                  | 46,352            | 23,223             | 92,473             |
| EAST FORK TRINITY RIVER | 148.65                  | 44,039            | 22,064             | 87,858             |
| EAST FORK TRINITY RIVER | 163.57                  | 47,958            | 24,027             | 95,677             |
| EAST FORK TRINITY RIVER | 163.71                  | 48,497            | 24,297             | 96,751             |
| EAST FORK TRINITY RIVER | 165.67                  | 49,166            | 24,632             | 98,085             |
| EAST FORK TRINITY RIVER | 166.3                   | 48,898            | 24,498             | 97,551             |
| EAST FORK TRINITY RIVER | 166.98                  | 48,363            | 24,230             | 96,484             |
| EAST FORK TRINITY RIVER | 166.99                  | 48,863            | 24,480             | 97,481             |
| EAST FORK TRINITY RIVER | 167.54                  | 48,455            | 24,276             | 96,669             |
| EAST FORK TRINITY RIVER | 167.94                  | 47,845            | 23,971             | 95,452             |
| EAST FORK TRINITY RIVER | 168.35                  | 47,346            | 23,720             | 94,454             |
| EAST FORK TRINITY RIVER | 169.4                   | 48,104            | 24,100             | 95,967             |
| EAST FORK TRINITY RIVER | 173.25                  | 47,742            | 23,919             | 95,245             |
| EAST FORK TRINITY RIVER | 174.69                  | 47,353            | 23,724             | 94,468             |
| EAST FORK TRINITY RIVER | 179.64                  | 45,605            | 22,848             | 90,981             |
| EAST FORK TRINITY RIVER | 181.35                  | 47,567            | 23,831             | 94,895             |
| EAST FORK TRINITY RIVER | 183.58                  | 46,504            | 23,298             | 92,775             |
| EAST FORK TRINITY RIVER | 185.55                  | 45,983            | 23,038             | 91,736             |
| EAST FORK TRINITY RIVER | 186.05                  | 47,608            | 23,852             | 94,979             |

| Stream Name             | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|-------------------------|-------------------------|-------------------|--------------------|--------------------|
|                         |                         | (cfs)             | (cfs)              | (cfs)              |
| EAST FORK TRINITY RIVER | 186.1                   | 46,599            | 23,346             | 92,966             |
| EAST FORK TRINITY RIVER | 186.79                  | 45,034            | 22,562             | 89,843             |
| EAST FORK TRINITY RIVER | 191.82                  | 46,672            | 23,382             | 93,110             |
| EAST FORK TRINITY RIVER | 267.75                  | 58,739            | 29,428             | 117,183            |
| EAST FORK TRINITY RIVER | 271.41                  | 58,024            | 29,070             | 115,757            |
| EAST FORK TRINITY RIVER | 275.77                  | 57,951            | 29,033             | 115,612            |
| EAST FORK TRINITY RIVER | 292.64                  | 58,895            | 29,506             | 117,495            |
| EAST FORK TRINITY RIVER | 294.86                  | 58,834            | 29,476             | 117,373            |
| EAST FORK TRINITY RIVER | 299.27                  | 58,797            | 29,457             | 117,301            |
| EAST FORK TRINITY RIVER | 304.71                  | 57,357            | 28,736             | 114,427            |
| EAST FORK TRINITY RIVER | 305.73                  | 57,473            | 28,794             | 114,659            |
| EAST FORK TRINITY RIVER | 747.47                  | 105,659           | 52,935             | 210,789            |
| EAST FORK TRINITY RIVER | 747.54                  | 105,250           | 52,730             | 209,975            |
| EAST FORK TRINITY RIVER | 748.91                  | 101,888           | 51,046             | 203,266            |
| EAST FORK TRINITY RIVER | 750.38                  | 100,241           | 50,221             | 199,981            |
| EAST FORK TRINITY RIVER | 752.5                   | 100,206           | 50,203             | 199,910            |
| EAST FORK TRINITY RIVER | 754.55                  | 100,915           | 50,559             | 201,326            |
| EAST FORK TRINITY RIVER | 787.56                  | 100,025           | 50,113             | 199,550            |
| EAST FORK TRINITY RIVER | 794.61                  | 112,088           | 56,156             | 223,616            |
| EAST FORK TRINITY RIVER | 796.66                  | 113,821           | 57,024             | 227,072            |
| EAST FORK TRINITY RIVER | 805.87                  | 111,166           | 55,694             | 221,775            |
| EAST FORK TRINITY RIVER | 810.56                  | 110,093           | 55,157             | 219,636            |
| EAST FORK TRINITY RIVER | 811.75                  | 110,212           | 55,216             | 219,872            |
| EAST FORK TRINITY RIVER | 816.86                  | 108,419           | 54,318             | 216,296            |
| EAST FORK TRINITY RIVER | 821.36                  | 109,382           | 54,800             | 218,216            |
| EAST FORK TRINITY RIVER | 823.88                  | 106,179           | 53,196             | 211,828            |
| EAST FORK TRINITY RIVER | 827.42                  | 106,040           | 53,126             | 211,551            |
| EAST FORK TRINITY RIVER | 829.95                  | 106,847           | 53,530             | 213,159            |
| EAST FORK TRINITY RIVER | 831.64                  | 103,839           | 52,023             | 207,159            |
| EAST FORK TRINITY RIVER | 833.3                   | 102,692           | 51,449             | 204,871            |
| EAST FORK TRINITY RIVER | 834.47                  | 103,499           | 51,853             | 206,481            |
| EAST FORK TRINITY RIVER | 1038.91                 | 115,314           | 57,772             | 230,051            |
| EAST FORK TRINITY RIVER | 1042.73                 | 114,267           | 57,248             | 227,963            |
| EAST FORK TRINITY RIVER | 1046.49                 | 114,173           | 57,201             | 227,776            |
| EAST FORK TRINITY RIVER | 1046.9                  | 111,985           | 56,104             | 223,410            |
| EAST FORK TRINITY RIVER | 1051.34                 | 110,973           | 55,597             | 221,391            |
| EAST FORK TRINITY RIVER | 1094.96                 | 111,494           | 55,858             | 222,430            |
| EAST FORK TRINITY RIVER | 1095.17                 | 110,781           | 55,501             | 221,007            |



| Stream Name                                 | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|---------------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                             |                         | (cfs)             | (cfs)              | (cfs)              |
| EAST FORK TRINITY RIVER                     | 1103.74                 | 112,726           | 56,476             | 224,888            |
| EAST FORK TRINITY RIVER                     | 1142.57                 | 110,945           | 55,583             | 221,334            |
| EAST FORK TRINITY RIVER                     | 1145.54                 | 109,134           | 54,676             | 217,722            |
| EAST FORK TRINITY RIVER                     | 1148.82                 | 120,657           | 60,449             | 240,710            |
| EAST FORK TRINITY RIVER                     | 1149.04                 | 119,486           | 59,862             | 238,375            |
| EAST FORK TRINITY RIVER                     | 1149.71                 | 120,702           | 60,472             | 240,800            |
| EAST FORK TRINITY RIVER                     | 1194.23                 | 120,980           | 60,611             | 241,355            |
| EAST FORK TRINITY RIVER                     | 1202.94                 | 121,310           | 60,776             | 242,014            |
| EAST FORK TRINITY RIVER                     | 1205.48                 | 121,021           | 60,631             | 241,436            |
| EAST FORK TRINITY RIVER                     | 1209.12                 | 118,707           | 59,472             | 236,821            |
| EAST FORK TRINITY RIVER                     | 1209.45                 | 116,708           | 58,471             | 232,832            |
| EAST FORK TRINITY RIVER                     | 1232.33                 | 119,564           | 59,902             | 238,531            |
| EAST FORK TRINITY RIVER                     | 1232.53                 | 118,290           | 59,263             | 235,989            |
| EAST FORK TRINITY RIVER                     | 1233.02                 | 119,921           | 60,080             | 239,242            |
| EAST FORK TRINITY RIVER                     | 1236.91                 | 118,018           | 59,127             | 235,446            |
| EAST FORK TRINITY RIVER                     | 1239.3                  | 118,521           | 59,379             | 236,449            |
| EAST FORK TRINITY RIVER                     | 1241.98                 | 120,291           | 60,266             | 239,980            |
| EAST FORK TRINITY RIVER                     | 1244.12                 | 116,661           | 58,447             | 232,739            |
| EAST FORK TRINITY RIVER                     | 1275.59                 | 119,695           | 59,967             | 238,792            |
| EAST FORK TRINITY RIVER                     | 1276.41                 | 119,655           | 59,947             | 238,711            |
| EAST FORK TRINITY RIVER                     | 1278.06                 | 118,788           | 59,513             | 236,982            |
| EAST FORK TRINITY RIVER                     | 1278.48                 | 118,678           | 59,457             | 236,762            |
| EAST FORK TRINITY RIVER                     | 1278.62                 | 118,652           | 59,445             | 236,710            |
| <b>DUCK CREEK – EAST FORK TRINITY RIVER</b> |                         |                   |                    |                    |
| ANTHONY BRANCH                              | 1.08                    | 1,068             | 535                | 2,131              |
| ANTHONY BRANCH                              | 2.19                    | 1,960             | 982                | 3,910              |
| ANTHONY BRANCH                              | 2.6                     | 2,075             | 1,040              | 4,140              |
| ANTHONY BRANCH                              | 3.91                    | 3,060             | 1,533              | 6,105              |
| ANTHONY BRANCH                              | 4.32                    | 3,078             | 1,542              | 6,140              |
| BENNETT BRANCH                              | 0.51                    | 735               | 368                | 1,466              |
| BENNETT BRANCH                              | 0.63                    | 907               | 455                | 1,810              |
| BERRY TRIBUTARY                             | 0.84                    | 771               | 386                | 1,538              |
| BERRY TRIBUTARY                             | 1.16                    | 1,109             | 556                | 2,213              |
| BERRY TRIBUTARY                             | 2.22                    | 2,147             | 1,076              | 4,284              |
| BROCKWAY BRANCH                             | 0.53                    | 814               | 408                | 1,624              |
| BROCKWAY BRANCH                             | 1                       | 1,256             | 629                | 2,505              |
| BROCKWAY BRANCH                             | 1.12                    | 1,274             | 638                | 2,542              |
| BROCKWAY BRANCH                             | 1.15                    | 1,192             | 597                | 2,378              |

| Stream Name           | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|-----------------------|-------------------------|-------------------|--------------------|--------------------|
|                       |                         | (cfs)             | (cfs)              | (cfs)              |
| BROCKWAY BRANCH       | 1.22                    | 1,126             | 564                | 2,247              |
| BROOKLYN BRANCH       | 1.12                    | 1,227             | 615                | 2,449              |
| BROOKLYN BRANCH       | 1.62                    | 1,527             | 765                | 3,047              |
| BROOKLYN BRANCH       | 1.75                    | 1,605             | 804                | 3,201              |
| BUFFALO CREEK         | 0.54                    | 821               | 412                | 1,639              |
| BUFFALO CREEK         | 1.02                    | 1,273             | 638                | 2,540              |
| BUFFALO CREEK         | 1.44                    | 1,488             | 745                | 2,968              |
| BUFFALO CREEK         | 3.2                     | 2,863             | 1,434              | 5,712              |
| BUFFALO CREEK         | 4.74                    | 3,489             | 1,748              | 6,960              |
| BUFFALO CREEK         | 4.98                    | 3,647             | 1,827              | 7,276              |
| BUFFALO CREEK         | 6.52                    | 4,476             | 2,242              | 8,929              |
| BUFFALO CREEK         | 7.09                    | 4,641             | 2,325              | 9,259              |
| BUFFALO CREEK         | 7.35                    | 4,725             | 2,367              | 9,426              |
| BUFFALO CREEK         | 10.25                   | 6,038             | 3,025              | 12,046             |
| BUFFALO CREEK         | 10.75                   | 6,295             | 3,154              | 12,558             |
| BUFFALO CREEK         | 11.18                   | 6,440             | 3,226              | 12,847             |
| BUFFALO CREEK         | 11.6                    | 6,386             | 3,199              | 12,739             |
| BUFFALO CREEK         | 11.97                   | 6,368             | 3,190              | 12,704             |
| BUFFALO CREEK         | 12.87                   | 6,608             | 3,311              | 13,183             |
| BUFFALO CREEK         | 13.26                   | 6,602             | 3,308              | 13,171             |
| BUFFALO CREEK         | 14.06                   | 6,860             | 3,437              | 13,685             |
| BUFFALO CREEK         | 14.48                   | 6,930             | 3,472              | 13,825             |
| BUFFALO CREEK         | 24.06                   | 10,185            | 5,103              | 20,318             |
| BUFFALO CREEK         | 25.24                   | 10,800            | 5,411              | 21,547             |
| BUFFALO CREEK         | 27.14                   | 11,242            | 5,632              | 22,428             |
| BUFFALO CREEK         | 27.41                   | 11,428            | 5,726              | 22,799             |
| BUFFALO CREEK         | 28.03                   | 11,614            | 5,819              | 23,171             |
| BUFFALO CREEK         | 31.42                   | 11,780            | 5,902              | 23,500             |
| BUFFALO CREEK         | 31.92                   | 12,142            | 6,083              | 24,223             |
| BUFFALO CREEK         | 31.95                   | 11,997            | 6,011              | 23,935             |
| BUFFALO CREEK         | 33.28                   | 12,070            | 6,047              | 24,079             |
| BUFFALO CREEK         | 36.13                   | 12,721            | 6,373              | 25,378             |
| BUFFALO CREEK (SOUTH) | 1.12                    | 1,281             | 642                | 2,555              |
| BUFFALO CREEK (SOUTH) | 1.57                    | 1,566             | 784                | 3,123              |
| BUFFALO CREEK (SOUTH) | 1.92                    | 1,816             | 910                | 3,622              |
| BUFFALO CREEK (SOUTH) | 3.73                    | 3,096             | 1,551              | 6,177              |
| BUFFALO CREEK (SOUTH) | 4.87                    | 3,780             | 1,894              | 7,540              |
| BUFFALO CREEK (SOUTH) | 5.21                    | 3,707             | 1,857              | 7,394              |

| Stream Name               | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|---------------------------|-------------------------|-------------------|--------------------|--------------------|
|                           |                         | (cfs)             | (cfs)              | (cfs)              |
| BUFFALO CREEK (SOUTH)     | 6.39                    | 4,432             | 2,220              | 8,841              |
| BUFFALO CREEK (SOUTH)     | 6.77                    | 4,199             | 2,104              | 8,376              |
| BUFFALO CREEK (SOUTH)     | 6.94                    | 4,507             | 2,258              | 8,992              |
| BUFFALO CREEK (SOUTH)     | 10.23                   | 6,000             | 3,006              | 11,969             |
| BUFFALO CREEK (SOUTH)     | 10.72                   | 6,202             | 3,107              | 12,373             |
| BUFFALO CREEK (SOUTH)     | 11.14                   | 6,223             | 3,118              | 12,415             |
| BUFFALO CREEK (SOUTH)     | 15.17                   | 8,028             | 4,022              | 16,015             |
| BUFFALO CREEK (SOUTH)     | 15.7                    | 8,291             | 4,154              | 16,541             |
| BUFFALO CREEK (SOUTH)     | 18.4                    | 9,096             | 4,557              | 18,146             |
| BUFFALO CREEK (SOUTH)     | 21.96                   | 9,836             | 4,928              | 19,623             |
| BUFFALO CREEK (SOUTH)     | 22.37                   | 10,020            | 5,020              | 19,990             |
| BUFFALO CREEK (SOUTH)     | 22.75                   | 9,713             | 4,866              | 19,377             |
| BUFFALO CREEK (SOUTH)     | 25.41                   | 10,651            | 5,336              | 21,248             |
| BUFFALO CREEK (SOUTH)     | 25.9                    | 10,745            | 5,383              | 21,435             |
| BUFFALO CREEK (SOUTH)     | 30.49                   | 12,240            | 6,132              | 24,419             |
| BUFFALO CREEK TRIBUTARY 1 | 0.52                    | 743               | 372                | 1,482              |
| BUFFALO CREEK TRIBUTARY 1 | 0.73                    | 921               | 462                | 1,838              |
| BUFFALO CREEK TRIBUTARY 1 | 1.02                    | 1,178             | 590                | 2,350              |
| BUFFALO CREEK TRIBUTARY 1 | 1.1                     | 1,273             | 638                | 2,539              |
| BUFFALO CREEK TRIBUTARY 1 | 1.31                    | 1,452             | 727                | 2,896              |
| BUFFALO CREEK TRIBUTARY 2 | 0.45                    | 791               | 396                | 1,578              |
| BUFFALO CREEK TRIBUTARY 3 | 0.5                     | 775               | 388                | 1,546              |
| BUFFALO CREEK TRIBUTARY 3 | 0.69                    | 1,044             | 523                | 2,083              |
| BUFFALO CREEK TRIBUTARY 4 | 0.31                    | 663               | 332                | 1,323              |
| BUFFALO CREEK TRIBUTARY 4 | 0.49                    | 939               | 470                | 1,874              |
| BUFFALO CREEK TRIBUTARY 7 | 0.23                    | 500               | 251                | 998                |
| BUFFALO CREEK TRIBUTARY 8 | 0.5                     | 880               | 441                | 1,755              |
| BUFFALO CREEK TRIBUTARY 8 | 0.56                    | 885               | 443                | 1,766              |
| DEADOWDALE TRIBUTARY      | 0.18                    | 255               | 128                | 509                |
| DUCK CREEK                | 0.5                     | 611               | 306                | 1,219              |
| DUCK CREEK                | 0.95                    | 991               | 496                | 1,977              |
| DUCK CREEK                | 1.45                    | 1,400             | 701                | 2,793              |
| DUCK CREEK                | 1.82                    | 1,730             | 867                | 3,451              |
| DUCK CREEK                | 2.23                    | 2,080             | 1,042              | 4,150              |
| DUCK CREEK                | 2.35                    | 2,190             | 1,097              | 4,369              |
| DUCK CREEK                | 4.51                    | 3,730             | 1,869              | 7,441              |
| DUCK CREEK                | 4.99                    | 4,020             | 2,014              | 8,020              |
| DUCK CREEK                | 5.49                    | 4,110             | 2,059              | 8,199              |

| Stream Name                         | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|-------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                     |                         | (cfs)             | (cfs)              | (cfs)              |
| DUCK CREEK                          | 5.91                    | 4,240             | 2,124              | 8,459              |
| DUCK CREEK                          | 6.35                    | 4,610             | 2,310              | 9,197              |
| DUCK CREEK                          | 8.13                    | 5,580             | 2,796              | 11,132             |
| DUCK CREEK                          | 9.52                    | 6,170             | 3,091              | 12,309             |
| DUCK CREEK                          | 9.81                    | 6,670             | 3,342              | 13,307             |
| DUCK CREEK                          | 12.15                   | 6,990             | 3,502              | 13,945             |
| DUCK CREEK                          | 12.74                   | 7,570             | 3,793              | 15,102             |
| DUCK CREEK                          | 13.11                   | 7,740             | 3,878              | 15,441             |
| DUCK CREEK                          | 13.54                   | 7,990             | 4,003              | 15,940             |
| DUCK CREEK                          | 13.66                   | 8,010             | 4,013              | 15,980             |
| DUCK CREEK                          | 19.01                   | 10,800            | 5,411              | 21,546             |
| DUCK CREEK                          | 19.48                   | 10,300            | 5,160              | 20,549             |
| DUCK CREEK                          | 20.86                   | 12,000            | 6,012              | 23,940             |
| DUCK CREEK                          | 21.85                   | 12,400            | 6,212              | 24,738             |
| DUCK CREEK                          | 22.21                   | 12,700            | 6,363              | 25,337             |
| DUCK CREEK                          | 22.89                   | 12,700            | 6,363              | 25,337             |
| DUCK CREEK                          | 23.39                   | 12,500            | 6,263              | 24,938             |
| DUCK CREEK                          | 23.88                   | 13,100            | 6,563              | 26,135             |
| DUCK CREEK                          | 24.31                   | 13,400            | 6,713              | 26,733             |
| DUCK CREEK                          | 24.69                   | 13,200            | 6,613              | 26,334             |
| DUCK CREEK                          | 31.08                   | 17,400            | 8,717              | 34,713             |
| DUCK CREEK                          | 31.99                   | 18,300            | 9,168              | 36,509             |
| DUCK CREEK                          | 32.49                   | 17,600            | 8,818              | 35,112             |
| DUCK CREEK                          | 32.84                   | 17,800            | 8,918              | 35,511             |
| DUCK CREEK                          | 34.8                    | 17,700            | 8,868              | 35,312             |
| DUCK CREEK                          | 36.14                   | 17,800            | 8,918              | 35,511             |
| DUCK CREEK                          | 36.55                   | 17,300            | 8,667              | 34,514             |
| DUCK CREEK                          | 37.1                    | 18,000            | 9,018              | 35,910             |
| DUCK CREEK                          | 39.44                   | 18,100            | 9,068              | 36,110             |
| DUCK CREEK                          | 40.43                   | 18,000            | 9,018              | 35,910             |
| DUCK CREEK                          | 40.73                   | 18,100            | 9,068              | 36,110             |
| DUCK CREEK                          | 41.21                   | 17,900            | 8,968              | 35,711             |
| DUCK CREEK                          | 42.4                    | 17,500            | 8,768              | 34,913             |
| DUCK CREEK                          | 43.55                   | 16,800            | 8,417              | 33,516             |
| EAST FORK TRINITY RIVER TRIB 7      | 1.73                    | 2,405             | 1,205              | 4,798              |
| EAST FORK TRINITY RIVER TRIB 7      | 2.15                    | 2,356             | 1,181              | 4,701              |
| EAST FORK TRINITY RIVER TRIB 7      | 2.85                    | 2,868             | 1,437              | 5,722              |
| EAST FORK TRINITY RIVER TRIBUTARY 1 | 0.93                    | 1,262             | 632                | 2,517              |

| Stream Name                           | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|---------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                       |                         | (cfs)             | (cfs)              | (cfs)              |
| EAST FORK TRINITY RIVER TRIBUTARY 1   | 1.92                    | 2,131             | 1,067              | 4,251              |
| EAST FORK TRINITY RIVER TRIBUTARY 1   | 3.1                     | 3,164             | 1,585              | 6,313              |
| EAST FORK TRINITY RIVER TRIBUTARY 1   | 4.74                    | 3,904             | 1,956              | 7,788              |
| EAST FORK TRINITY RIVER TRIBUTARY 1   | 5.97                    | 4,800             | 2,405              | 9,576              |
| EAST FORK TRINITY RIVER TRIBUTARY 1.1 | 1.12                    | 1,206             | 604                | 2,405              |
| EAST FORK TRINITY RIVER TRIBUTARY 1.1 | 1.57                    | 1,528             | 766                | 3,049              |
| EAST FORK TRINITY RIVER TRIBUTARY 1.2 | 0.99                    | 1,276             | 639                | 2,545              |
| EAST FORK TRINITY RIVER TRIBUTARY 1.2 | 1.17                    | 1,423             | 713                | 2,839              |
| LAWSON TRIBUTARY                      | 1.05                    | 1,414             | 708                | 2,821              |
| LAWSON TRIBUTARY                      | 1.47                    | 1,626             | 814                | 3,243              |
| LAWSON TRIBUTARY                      | 2.14                    | 2,258             | 1,131              | 4,504              |
| LITTLE BUFFALO CREEK                  | 0.57                    | 959               | 480                | 1,913              |
| LITTLE BUFFALO CREEK                  | 0.78                    | 1,169             | 585                | 2,331              |
| LITTLE BUFFALO CREEK                  | 1.26                    | 1,642             | 823                | 3,276              |
| LITTLE BUFFALO CREEK                  | 1.49                    | 1,828             | 916                | 3,647              |
| LITTLE BUFFALO CREEK                  | 1.85                    | 2,136             | 1,070              | 4,260              |
| LITTLE BUFFALO CREEK                  | 2.33                    | 2,525             | 1,265              | 5,037              |
| LITTLE BUFFALO CREEK                  | 2.82                    | 2,692             | 1,349              | 5,371              |
| LITTLE BUFFALO CREEK TRIBUTARY 1      | 0.43                    | 799               | 400                | 1,594              |
| LOFLAND LAKE                          | 0.55                    | 763               | 382                | 1,521              |
| LOFLAND LAKE                          | 0.83                    | 1,022             | 512                | 2,038              |
| LOFLAND LAKE                          | 1.25                    | 1,462             | 732                | 2,916              |
| LOFLAND LAKE                          | 1.7                     | 1,956             | 980                | 3,902              |
| LOFLAND LAKE                          | 2.19                    | 2,242             | 1,123              | 4,473              |
| LOFLAND LAKE                          | 2.54                    | 2,494             | 1,250              | 4,976              |
| LOFLAND LAKE                          | 2.65                    | 2,517             | 1,261              | 5,020              |
| LOFLAND LAKE                          | 3.05                    | 2,793             | 1,399              | 5,572              |
| LOFLAND LAKE                          | 3.23                    | 2,987             | 1,496              | 5,959              |
| LONE ELM BRANCH                       | 1.17                    | 1,565             | 784                | 3,121              |
| LONE ELM BRANCH                       | 1.23                    | 1,555             | 779                | 3,102              |
| LONG BRANCH                           | 3.69                    | 3,260             | 1,633              | 6,503              |
| LONG BRANCH                           | 4.15                    | 3,564             | 1,786              | 7,111              |
| LONG BRANCH                           | 4.76                    | 3,961             | 1,985              | 7,903              |
| LONG BRANCH                           | 5.15                    | 4,147             | 2,078              | 8,274              |
| LONG BRANCH                           | 5.51                    | 4,355             | 2,182              | 8,687              |
| LONG BRANCH                           | 5.76                    | 4,400             | 2,204              | 8,777              |
| LONG BRANCH                           | 7.4                     | 5,400             | 2,705              | 10,773             |
| LONG BRANCH                           | 7.63                    | 5,446             | 2,728              | 10,864             |

| Stream Name               | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|---------------------------|-------------------------|-------------------|--------------------|--------------------|
|                           |                         | (cfs)             | (cfs)              | (cfs)              |
| LONG BRANCH               | 7.91                    | 5,518             | 2,764              | 11,008             |
| LONG BRANCH               | 9.36                    | 6,399             | 3,206              | 12,765             |
| LONG BRANCH OF DUCK CREEK | 0.55                    | 675               | 338                | 1,347              |
| LONG BRANCH OF DUCK CREEK | 1.04                    | 1,098             | 550                | 2,191              |
| LONG BRANCH OF DUCK CREEK | 1.44                    | 1,578             | 791                | 3,148              |
| LONG BRANCH OF DUCK CREEK | 1.87                    | 1,964             | 984                | 3,918              |
| LONG BRANCH OF DUCK CREEK | 2.37                    | 2,449             | 1,227              | 4,886              |
| LONG BRANCH OF DUCK CREEK | 2.87                    | 2,858             | 1,432              | 5,703              |
| LONG BRANCH OF DUCK CREEK | 3.25                    | 3,121             | 1,563              | 6,225              |
| LONG BRANCH OF DUCK CREEK | 3.61                    | 3,368             | 1,687              | 6,719              |
| LONG BRANCH OF DUCK CREEK | 4.36                    | 3,704             | 1,856              | 7,389              |
| LONG BRANCH OF DUCK CREEK | 4.8                     | 4,224             | 2,116              | 8,427              |
| LONG BRANCH OF DUCK CREEK | 5.39                    | 4,627             | 2,318              | 9,230              |
| LONG BRANCH OF DUCK CREEK | 5.87                    | 4,740             | 2,375              | 9,456              |
| LONG BRANCH OF DUCK CREEK | 6.19                    | 4,887             | 2,448              | 9,750              |
| LONG BRANCH TRIBUTARY 13  | 0.51                    | 877               | 439                | 1,749              |
| LONG BRANCH TRIBUTARY 13  | 0.51                    | 868               | 435                | 1,731              |
| LONG BRANCH TRIBUTARY 13  | 1.02                    | 1,576             | 789                | 3,143              |
| LONG BRANCH TRIBUTARY 13  | 1.21                    | 1,820             | 912                | 3,631              |
| LONG BRANCH TRIBUTARY 3   | 0.1                     | 251               | 126                | 500                |
| LONG BRANCH TRIBUTARY 5   | 0.26                    | 499               | 250                | 995                |
| LONG BRANCH TRIBUTARY 6   | 0.35                    | 659               | 330                | 1,315              |
| LONG CREEK                | 1                       | 1,270             | 636                | 2,534              |
| LONG CREEK                | 1.31                    | 1,575             | 789                | 3,143              |
| LONG CREEK                | 1.8                     | 2,074             | 1,039              | 4,137              |
| LONG CREEK                | 2.25                    | 2,310             | 1,157              | 4,608              |
| LONG CREEK                | 2.41                    | 2,299             | 1,152              | 4,587              |
| LONG CREEK                | 2.83                    | 2,675             | 1,340              | 5,336              |
| LONG CREEK                | 3.32                    | 2,947             | 1,476              | 5,879              |
| LONG CREEK                | 4.57                    | 3,803             | 1,905              | 7,586              |
| LONG CREEK                | 5.64                    | 4,409             | 2,209              | 8,795              |
| LONG CREEK                | 6.14                    | 4,611             | 2,310              | 9,199              |
| LONG CREEK                | 6.31                    | 4,421             | 2,215              | 8,820              |
| LONG CREEK                | 7.7                     | 5,038             | 2,524              | 10,051             |
| LONG CREEK                | 8.43                    | 5,182             | 2,596              | 10,338             |
| LUMLEY TRIBUTARY          | 0.94                    | 1,302             | 653                | 2,598              |
| LUMLEY TRIBUTARY          | 1.88                    | 2,125             | 1,065              | 4,240              |
| LUMLEY TRIBUTARY          | 4.03                    | 4,019             | 2,014              | 8,018              |



| Stream Name          | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|----------------------|-------------------------|-------------------|--------------------|--------------------|
|                      |                         | (cfs)             | (cfs)              | (cfs)              |
| MUSTANG CREEK        | 1.18                    | 1,569             | 786                | 3,131              |
| MUSTANG CREEK        | 1.57                    | 1,814             | 909                | 3,618              |
| MUSTANG CREEK        | 1.87                    | 1,923             | 963                | 3,836              |
| MUSTANG CREEK        | 4.14                    | 3,636             | 1,822              | 7,255              |
| MUSTANG CREEK        | 4.58                    | 3,767             | 1,887              | 7,516              |
| MUSTANG CREEK        | 6.8                     | 4,831             | 2,420              | 9,638              |
| MUSTANG CREEK        | 7.64                    | 5,198             | 2,604              | 10,369             |
| MUSTANG CREEK        | 9.35                    | 6,098             | 3,055              | 12,166             |
| MUSTANG CREEK        | 10.15                   | 6,371             | 3,192              | 12,710             |
| MUSTANG CREEK        | 10.93                   | 6,498             | 3,256              | 12,964             |
| MUSTANG CREEK        | 12.48                   | 7,322             | 3,668              | 14,607             |
| MUSTANG CREEK        | 12.88                   | 7,318             | 3,666              | 14,599             |
| MUSTANG CREEK        | 14.36                   | 7,706             | 3,861              | 15,373             |
| MUSTANG CREEK        | 15.08                   | 7,750             | 3,883              | 15,461             |
| MUSTANG CREEK        | 16.63                   | 8,048             | 4,032              | 16,056             |
| MUSTANG CREEK        | 17.18                   | 6,979             | 3,496              | 13,923             |
| MUSTANG CREEK        | 18.1                    | 9,106             | 4,562              | 18,166             |
| MUSTANG CREEK        | 18.67                   | 8,853             | 4,435              | 17,662             |
| MUSTANG CREEK        | 19.92                   | 9,508             | 4,764              | 18,968             |
| NORTH MESQUITE CREEK | 0.74                    | 1,066             | 534                | 2,127              |
| NORTH MESQUITE CREEK | 1.17                    | 1,362             | 682                | 2,716              |
| NORTH MESQUITE CREEK | 1.65                    | 1,746             | 875                | 3,483              |
| NORTH MESQUITE CREEK | 2.06                    | 1,980             | 992                | 3,949              |
| NORTH MESQUITE CREEK | 3.53                    | 3,000             | 1,503              | 5,986              |
| NORTH MESQUITE CREEK | 3.83                    | 3,321             | 1,664              | 6,625              |
| NORTH MESQUITE CREEK | 4.31                    | 3,378             | 1,692              | 6,739              |
| NORTH MESQUITE CREEK | 4.77                    | 3,550             | 1,779              | 7,083              |
| NORTH MESQUITE CREEK | 5.2                     | 3,586             | 1,796              | 7,153              |
| NORTH MESQUITE CREEK | 5.69                    | 3,600             | 1,804              | 7,183              |
| NORTH MESQUITE CREEK | 6.1                     | 3,944             | 1,976              | 7,868              |
| NORTH MESQUITE CREEK | 6.4                     | 3,916             | 1,962              | 7,813              |
| NORTH MESQUITE CREEK | 6.86                    | 4,094             | 2,051              | 8,167              |
| NORTH MESQUITE CREEK | 7.31                    | 4,230             | 2,119              | 8,439              |
| NORTH MESQUITE CREEK | 7.64                    | 4,457             | 2,233              | 8,892              |
| NORTH MESQUITE CREEK | 8                       | 4,546             | 2,277              | 9,069              |
| NORTH MESQUITE CREEK | 8.42                    | 4,628             | 2,319              | 9,233              |
| NORTH MESQUITE CREEK | 8.77                    | 4,673             | 2,341              | 9,322              |
| NORTH MESQUITE CREEK | 9.15                    | 4,903             | 2,456              | 9,781              |

| Stream Name          | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|----------------------|-------------------------|-------------------|--------------------|--------------------|
|                      |                         | (cfs)             | (cfs)              | (cfs)              |
| NORTH MESQUITE CREEK | 9.54                    | 5,054             | 2,532              | 10,083             |
| NORTH MESQUITE CREEK | 10.02                   | 5,074             | 2,542              | 10,122             |
| NORTH MESQUITE CREEK | 10.52                   | 5,592             | 2,801              | 11,155             |
| NORTH MESQUITE CREEK | 10.55                   | 5,518             | 2,765              | 11,009             |
| NORTH MESQUITE CREEK | 13.8                    | 6,898             | 3,456              | 13,761             |
| NORTH MESQUITE CREEK | 14.88                   | 7,136             | 3,575              | 14,236             |
| NORTH MESQUITE CREEK | 44.23                   | 15,707            | 7,869              | 31,335             |
| SOUTH MESQUITE CREEK | 0.99                    | 1,087             | 544                | 2,168              |
| SOUTH MESQUITE CREEK | 1.48                    | 1,601             | 802                | 3,194              |
| SOUTH MESQUITE CREEK | 1.77                    | 1,862             | 933                | 3,714              |
| SOUTH MESQUITE CREEK | 2.27                    | 2,225             | 1,115              | 4,438              |
| SOUTH MESQUITE CREEK | 2.84                    | 2,754             | 1,380              | 5,493              |
| SOUTH MESQUITE CREEK | 3.34                    | 3,105             | 1,556              | 6,195              |
| SOUTH MESQUITE CREEK | 3.64                    | 3,380             | 1,693              | 6,742              |
| SOUTH MESQUITE CREEK | 5.41                    | 4,471             | 2,240              | 8,920              |
| SOUTH MESQUITE CREEK | 5.92                    | 4,593             | 2,301              | 9,163              |
| SOUTH MESQUITE CREEK | 6.51                    | 5,098             | 2,554              | 10,171             |
| SOUTH MESQUITE CREEK | 10.93                   | 7,420             | 3,717              | 14,803             |
| SOUTH MESQUITE CREEK | 11.24                   | 7,564             | 3,790              | 15,090             |
| SOUTH MESQUITE CREEK | 12.29                   | 8,090             | 4,053              | 16,140             |
| SOUTH MESQUITE CREEK | 14.13                   | 8,800             | 4,409              | 17,557             |
| SOUTH MESQUITE CREEK | 14.43                   | 8,793             | 4,405              | 17,542             |
| SOUTH MESQUITE CREEK | 15.56                   | 8,925             | 4,471              | 17,805             |
| SOUTH MESQUITE CREEK | 15.79                   | 8,927             | 4,472              | 17,810             |
| SOUTH MESQUITE CREEK | 16.23                   | 8,878             | 4,448              | 17,711             |
| SOUTH MESQUITE CREEK | 16.58                   | 9,070             | 4,544              | 18,094             |
| SOUTH MESQUITE CREEK | 17.68                   | 9,232             | 4,625              | 18,418             |
| SOUTH MESQUITE CREEK | 18.81                   | 9,375             | 4,697              | 18,702             |
| SOUTH MESQUITE CREEK | 18.85                   | 9,777             | 4,898              | 19,506             |
| SOUTH MESQUITE CREEK | 19.71                   | 9,961             | 4,990              | 19,872             |
| SOUTH MESQUITE CREEK | 20.92                   | 10,537            | 5,279              | 21,020             |
| SOUTH MESQUITE CREEK | 22.48                   | 10,703            | 5,362              | 21,353             |
| SOUTH MESQUITE CREEK | 23.75                   | 10,635            | 5,328              | 21,216             |
| SOUTH MESQUITE CREEK | 24.2                    | 10,392            | 5,206              | 20,732             |
| SOUTH MESQUITE CREEK | 24.72                   | 10,846            | 5,434              | 21,638             |
| SOUTH MESQUITE CREEK | 28.86                   | 12,098            | 6,061              | 24,136             |
| STREAM 2A1           | 0.57                    | 901               | 452                | 1,798              |
| STREAM 2A1           | 1.01                    | 1,355             | 679                | 2,702              |

| Stream Name | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|-------------|-------------------------|-------------------|--------------------|--------------------|
|             |                         | (cfs)             | (cfs)              | (cfs)              |
| STREAM 2A1  | 2.03                    | 2,345             | 1,175              | 4,678              |
| STREAM 2A1  | 2.78                    | 3,032             | 1,519              | 6,048              |
| STREAM 2A2  | 0.51                    | 636               | 319                | 1,270              |
| STREAM 2A2  | 0.95                    | 1,214             | 608                | 2,421              |
| STREAM 2B1  | 0.53                    | 979               | 491                | 1,954              |
| STREAM 2B1  | 0.59                    | 1,020             | 511                | 2,035              |
| STREAM 2B2  | 0.4                     | 784               | 393                | 1,564              |
| STREAM 2B2  | 0.95                    | 1,548             | 776                | 3,089              |
| STREAM 2B4  | 0.5                     | 869               | 435                | 1,733              |
| STREAM 2B4  | 0.69                    | 1,050             | 526                | 2,094              |
| STREAM 2B5  | 0.52                    | 901               | 451                | 1,797              |
| STREAM 2B5  | 1.01                    | 1,643             | 823                | 3,278              |
| STREAM 2B5  | 1.37                    | 2,011             | 1,008              | 4,013              |
| STREAM 2B6  | 1.04                    | 1,177             | 590                | 2,348              |
| STREAM 2B6  | 1.19                    | 1,352             | 677                | 2,697              |
| STREAM 2B7  | 1.01                    | 1,225             | 613                | 2,443              |
| STREAM 2B7  | 1.27                    | 1,437             | 720                | 2,867              |
| STREAM 2B8  | 0.56                    | 755               | 378                | 1,506              |
| STREAM 2C1  | 0.64                    | 817               | 409                | 1,630              |
| STREAM 2C1  | 0.85                    | 1,011             | 506                | 2,016              |
| STREAM 2C1  | 1.41                    | 1,665             | 834                | 3,322              |
| STREAM 2C1  | 1.86                    | 2,015             | 1,009              | 4,020              |
| STREAM 2C2  | 0.6                     | 823               | 412                | 1,641              |
| STREAM 2C2  | 0.89                    | 1,324             | 663                | 2,640              |
| STREAM 2C3  | 1                       | 1,076             | 539                | 2,146              |
| STREAM 2C3  | 1.35                    | 1,406             | 705                | 2,806              |
| STREAM 2C3  | 1.9                     | 1,903             | 954                | 3,797              |
| STREAM 2C3  | 2.37                    | 2,383             | 1,194              | 4,754              |
| STREAM 2C3  | 2.86                    | 2,829             | 1,417              | 5,643              |
| STREAM 2C3  | 2.97                    | 2,920             | 1,463              | 5,826              |
| STREAM 2C3  | 4.68                    | 4,306             | 2,157              | 8,590              |
| STREAM 2C4  | 0.99                    | 1,131             | 567                | 2,256              |
| STREAM 2C4  | 1.21                    | 1,396             | 699                | 2,784              |
| STREAM 2C5  | 0.92                    | 1,022             | 512                | 2,038              |
| STREAM 2C5  | 1.41                    | 1,675             | 839                | 3,342              |
| STREAM 2C5  | 1.84                    | 2,173             | 1,089              | 4,335              |
| STREAM 2C5  | 1.91                    | 2,212             | 1,108              | 4,413              |
| STREAM 2C6  | 0.5                     | 703               | 352                | 1,402              |

| Stream Name                            | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|----------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                        |                         | (cfs)             | (cfs)              | (cfs)              |
| STREAM 2C6                             | 1                       | 1,315             | 659                | 2,623              |
| STREAM 2C6                             | 1.38                    | 1,723             | 863                | 3,437              |
| STREAM 2C7                             | 0.67                    | 663               | 332                | 1,323              |
| STREAM 2C7                             | 1.87                    | 1,785             | 894                | 3,561              |
| STREAM 2C7                             | 2                       | 2,022             | 1,013              | 4,034              |
| STREAM 2J2                             | 0.56                    | 715               | 358                | 1,426              |
| STREAM 2J2                             | 1                       | 1,143             | 572                | 2,280              |
| STREAM 2M1                             | 0.97                    | 1,383             | 693                | 2,759              |
| STREAM 2M1                             | 1.18                    | 1,456             | 730                | 2,905              |
| TRIBUTARY 21                           | 0.35                    | 619               | 310                | 1,234              |
| TRIBUTARY 21                           | 2.52                    | 2,599             | 1,302              | 5,185              |
| TRIBUTARY 21                           | 2.68                    | 3,200             | 1,603              | 6,384              |
| UNION BRANCH                           | 1                       | 1,108             | 555                | 2,209              |
| UNION BRANCH                           | 1.49                    | 1,526             | 764                | 3,044              |
| UNION BRANCH                           | 1.5                     | 1,584             | 793                | 3,160              |
| UNNAMED TR TO LONG BR                  | 0.53                    | 670               | 336                | 1,338              |
| UNT 34 IN EFT                          | 0.02                    | 75                | 38                 | 150                |
| UNT 34 IN EFT                          | 0.06                    | 172               | 86                 | 343                |
| UNT 36 IN EFT                          | 0.17                    | 316               | 158                | 630                |
| UNT 37 IN EFT                          | 0.61                    | 674               | 338                | 1,344              |
| UNT 38 IN EFT                          | 0.19                    | 436               | 219                | 871                |
| UNT 40 IN EFT                          | 0.15                    | 343               | 172                | 684                |
| UNT 45 IN EFT                          | 0.22                    | 286               | 143                | 571                |
| UNT 52 IN EFT                          | 0.06                    | 163               | 82                 | 325                |
| UNT 53 IN EFT                          | 0.12                    | 254               | 127                | 507                |
| UNT 54 IN EFT                          | 0.08                    | 159               | 80                 | 317                |
| UNT 58 IN EFT                          | 0.15                    | 313               | 157                | 624                |
| UNT 61 IN EFT                          | 0.83                    | 1,208             | 605                | 2,410              |
| UNT 62 IN EFT                          | 0.59                    | 715               | 359                | 1,428              |
| UNT 63 IN EFT                          | 0.58                    | 740               | 371                | 1,477              |
| UNT 64 IN EFT                          | 0.25                    | 419               | 210                | 836                |
| UNT 65 IN EFT                          | 0.06                    | 114               | 57                 | 228                |
| UNT 65 IN EFT                          | 0.1                     | 204               | 102                | 406                |
| UNT 66 IN EFT                          | 0.09                    | 161               | 81                 | 321                |
| UNT1006 IN EAST FORK TRINITY WATERSHED | 1.02                    | 1,255             | 629                | 2,503              |
| UNT1006 IN EAST FORK TRINITY WATERSHED | 1.06                    | 1,295             | 649                | 2,583              |
| UNT1006 IN EAST FORK TRINITY WATERSHED | 2.54                    | 2,476             | 1,240              | 4,939              |
| UNT1006 IN EAST FORK TRINITY WATERSHED | 3.11                    | 2,626             | 1,315              | 5,238              |

| Stream Name                             | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|-----------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                         |                         | (cfs)             | (cfs)              | (cfs)              |
| UNT1120 IN EAST FORK TRINITY WATERSHED  | 0.17                    | 400               | 200                | 797                |
| UNT1120 IN EAST FORK TRINITY WATERSHED  | 0.29                    | 548               | 275                | 1,094              |
| UNT1153 IN EAST FORK TRINITY WATERSHED  | 0.15                    | 337               | 169                | 673                |
| UNT1157 IN EAST FORK TRINITY WATERSHED  | 0.51                    | 963               | 482                | 1,920              |
| UNT1157 IN EAST FORK TRINITY WATERSHED  | 0.92                    | 1,337             | 670                | 2,668              |
| UNT1157 IN EAST FORK TRINITY WATERSHED  | 1.16                    | 1,571             | 787                | 3,135              |
| UNT1159 IN EAST FORK TRINITY WATERSHED  | 0.47                    | 839               | 420                | 1,674              |
| UNT1159 IN EAST FORK TRINITY WATERSHED  | 0.56                    | 950               | 476                | 1,895              |
| UNT11622 IN EAST FORK TRINITY WATERSHED | 0.36                    | 804               | 403                | 1,603              |
| UNT1181 IN EAST FORK TRINITY WATERSHED  | 0.76                    | 1,079             | 540                | 2,152              |
| UNT1181 IN EAST FORK TRINITY WATERSHED  | 0.94                    | 1,113             | 557                | 2,220              |
| UNT1187 IN EAST FORK TRINITY WATERSHED  | 0.17                    | 289               | 145                | 576                |
| UNT1246 IN EAST FORK TRINITY WATERSHED  | 0.45                    | 670               | 335                | 1,336              |
| UNT1298 IN EAST FORK TRINITY WATERSHED  | 0.2                     | 374               | 187                | 746                |
| UNT1310 IN EAST FORK TRINITY WATERSHED  | 0.3                     | 553               | 277                | 1,104              |
| UNT1314 IN EAST FORK TRINITY WATERSHED  | 0.36                    | 710               | 356                | 1,417              |
| UNT1316 IN EAST FORK TRINITY WATERSHED  | 0.1                     | 269               | 135                | 537                |
| UNT1318 IN EAST FORK TRINITY WATERSHED  | 0.19                    | 385               | 193                | 768                |
| UNT1320 IN EAST FORK TRINITY WATERSHED  | 0.25                    | 493               | 247                | 983                |
| UNT1322 IN EAST FORK TRINITY WATERSHED  | 0.5                     | 1,113             | 558                | 2,220              |
| UNT1322 IN EAST FORK TRINITY WATERSHED  | 0.56                    | 1,106             | 554                | 2,207              |
| UNT1324 IN EAST FORK TRINITY WATERSHED  | 0.18                    | 453               | 227                | 904                |
| UNT1326 IN EAST FORK TRINITY WATERSHED  | 0.35                    | 765               | 383                | 1,527              |
| UNT1328 IN EAST FORK TRINITY WATERSHED  | 0.06                    | 154               | 77                 | 307                |
| UNT1330 IN EAST FORK TRINITY WATERSHED  | 0.26                    | 579               | 290                | 1,155              |
| UNT1340 IN EAST FORK TRINITY WATERSHED  | 0.06                    | 172               | 86                 | 343                |
| UNT1347 IN EAST FORK TRINITY WATERSHED  | 0.18                    | 426               | 213                | 850                |
| UNT1349 IN EAST FORK TRINITY WATERSHED  | 0.11                    | 258               | 129                | 514                |
| UNT1353 IN EAST FORK TRINITY WATERSHED  | 0.74                    | 1,182             | 592                | 2,358              |
| UNT1353 IN EAST FORK TRINITY WATERSHED  | 0.83                    | 1,238             | 620                | 2,469              |
| UNT1355 IN EAST FORK TRINITY WATERSHED  | 0.5                     | 925               | 464                | 1,846              |
| UNT1355 IN EAST FORK TRINITY WATERSHED  | 0.62                    | 1,011             | 506                | 2,016              |
| UNT1415 IN EAST FORK TRINITY WATERSHED  | 0.53                    | 817               | 409                | 1,631              |
| UNT1415 IN EAST FORK TRINITY WATERSHED  | 0.64                    | 871               | 436                | 1,737              |
| UNT1419 IN EAST FORK TRINITY WATERSHED  | 0.34                    | 681               | 341                | 1,358              |
| UNT1426 IN EAST FORK TRINITY WATERSHED  | 0.07                    | 165               | 82                 | 328                |
| UNT5160 IN EAST FORK TRINITY WATERSHED  | 1.27                    | 1,867             | 935                | 3,724              |
| UNT5160 IN EAST FORK TRINITY WATERSHED  | 1.75                    | 2,332             | 1,169              | 4,653              |

| Stream Name                                       | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|---------------------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                                   |                         | (cfs)             | (cfs)              | (cfs)              |
| UNT5160 IN EAST FORK TRINITY WATERSHED            | 2.57                    | 3,047             | 1,526              | 6,078              |
| UNT5160 IN EAST FORK TRINITY WATERSHED            | 2.85                    | 3,146             | 1,576              | 6,275              |
| UNT5160 IN EAST FORK TRINITY WATERSHED            | 3.05                    | 3,212             | 1,609              | 6,408              |
| UNT5186 IN EAST FORK TRINITY WATERSHED            | 0.5                     | 612               | 307                | 1,221              |
| UNT5186 IN EAST FORK TRINITY WATERSHED            | 0.55                    | 652               | 327                | 1,301              |
| UNT5186 IN EAST FORK TRINITY WATERSHED            | 0.82                    | 893               | 447                | 1,781              |
| UNT869 IN EAST FORK TRINITY WATERSHED             | 1.04                    | 973               | 487                | 1,940              |
| UNT869 IN EAST FORK TRINITY WATERSHED             | 1.05                    | 2,197             | 1,100              | 4,382              |
| UNT895 IN EAST FORK TRINITY WATERSHED             | 0.59                    | 789               | 395                | 1,573              |
| UNT895 IN EAST FORK TRINITY WATERSHED             | 1.55                    | 1,838             | 921                | 3,667              |
| UNT952 IN EAST FORK TRINITY WATERSHED             | 0.99                    | 1,530             | 767                | 3,053              |
| UNT952 IN EAST FORK TRINITY WATERSHED             | 1.16                    | 1,715             | 859                | 3,420              |
| UNT952 IN EAST FORK TRINITY WATERSHED             | 1.17                    | 1,702             | 853                | 3,395              |
| UNT957 IN EAST FORK TRINITY WATERSHED             | 1.13                    | 1,299             | 651                | 2,591              |
| UNT957 IN EAST FORK TRINITY WATERSHED             | 2.06                    | 1,906             | 955                | 3,803              |
| UNT957 IN EAST FORK TRINITY WATERSHED             | 2.51                    | 2,341             | 1,173              | 4,670              |
| UNT957 IN EAST FORK TRINITY WATERSHED             | 2.99                    | 2,659             | 1,332              | 5,305              |
| UNT960 IN EAST FORK TRINITY WATERSHED             | 1                       | 620               | 311                | 1,237              |
| UNT960 IN EAST FORK TRINITY WATERSHED             | 1.23                    | 677               | 339                | 1,350              |
| UNT965 IN EAST FORK TRINITY WATERSHED             | 1.02                    | 861               | 432                | 1,718              |
| UNT965 IN EAST FORK TRINITY WATERSHED             | 1.5                     | 1,109             | 556                | 2,213              |
| UNT965 IN EAST FORK TRINITY WATERSHED             | 1.97                    | 1,593             | 798                | 3,178              |
| UNT965 IN EAST FORK TRINITY WATERSHED             | 2.41                    | 2,048             | 1,026              | 4,086              |
| UNT974 IN EAST FORK TRINITY WATERSHED             | 0.9                     | 1100.8            | 552                | 2,196              |
| UNT974 IN EAST FORK TRINITY WATERSHED             | 1.26                    | 1,413             | 708                | 2,818              |
| UNT974 IN EAST FORK TRINITY WATERSHED             | 2.16                    | 2,177             | 1,090              | 4,342              |
| UNT974 IN EAST FORK TRINITY WATERSHED             | 2.65                    | 2,240             | 1,122              | 4,468              |
| UNT974 IN EAST FORK TRINITY WATERSHED             | 3.61                    | 2,646             | 1,326              | 5,279              |
| UNT976 IN EAST FORK TRINITY WATERSHED             | 1.39                    | 1,460             | 731                | 2,913              |
| UNT976 IN EAST FORK TRINITY WATERSHED             | 2.06                    | 1,941             | 972                | 3,871              |
| UNT976 IN EAST FORK TRINITY WATERSHED             | 2.38                    | 2,068             | 1,036              | 4,125              |
| WEST FORK OF SOUTH MESQUITE CREEK                 | 1.29                    | 1,277             | 640                | 2,548              |
| WEST FORK OF SOUTH MESQUITE CREEK                 | 2.02                    | 1,930             | 967                | 3,850              |
| WEST FORK OF SOUTH MESQUITE CREEK                 | 2.4                     | 2,365             | 1,185              | 4,718              |
| WEST FORK OF SOUTH MESQUITE CREEK                 | 3.94                    | 3,678             | 1,843              | 7,337              |
| <b>EAST FORK TRINITY RIVER – LAKE RAY HUBBARD</b> |                         |                   |                    |                    |
| BEAR CREEK 2                                      | 1.16                    | 1,713             | 858                | 3,418              |
| BEAR CREEK 2                                      | 1.34                    | 1,638             | 821                | 3,268              |

| Stream Name             | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|-------------------------|-------------------------|-------------------|--------------------|--------------------|
|                         |                         | (cfs)             | (cfs)              | (cfs)              |
| BEAR CREEK 2            | 4.58                    | 5,059             | 2,535              | 10,094             |
| BEAR CREEK 2            | 4.89                    | 5,099             | 2,555              | 10,173             |
| BEAR CREEK 2            | 5.76                    | 5,607             | 2,809              | 11,186             |
| BEAR CREEK 2            | 6.23                    | 5,649             | 2,830              | 11,271             |
| BEAR CREEK 2            | 6.68                    | 5,536             | 2,774              | 11,045             |
| BEAR CREEK 2            | 6.9                     | 5,603             | 2,807              | 11,178             |
| BEAR CREEK 2            | 8.37                    | 6,167             | 3,090              | 12,303             |
| BEAR CREEK 2            | 8.73                    | 6,575             | 3,294              | 13,118             |
| BEAR CREEK TRIBUTARY 1  | 1.25                    | 2,217             | 1,111              | 4,424              |
| BEAR CREEK TRIBUTARY 1  | 1.75                    | 2,879             | 1,442              | 5,744              |
| BEAR CREEK TRIBUTARY 1  | 1.99                    | 2,919             | 1,462              | 5,822              |
| BEAR CREEK TRIBUTARY 1  | 2.49                    | 3,445             | 1,726              | 6,872              |
| BEAR CREEK TRIBUTARY 1  | 2.74                    | 3,318             | 1,662              | 6,619              |
| BECK BRANCH             | 0.94                    | 1,513             | 758                | 3,018              |
| BECK BRANCH             | 1.35                    | 2,008             | 1,006              | 4,006              |
| BECK BRANCH             | 1.68                    | 2,383             | 1,194              | 4,753              |
| BECK BRANCH             | 2.06                    | 2,863             | 1,434              | 5,712              |
| BECK BRANCH             | 2.44                    | 3,367             | 1,687              | 6,716              |
| BECK BRANCH             | 2.85                    | 3,954             | 1,981              | 7,888              |
| BECK BRANCH             | 3.69                    | 4,484             | 2,246              | 8,945              |
| BECK BRANCH             | 4.19                    | 4,836             | 2,423              | 9,648              |
| BECK BRANCH             | 4.23                    | 4,779             | 2,394              | 9,535              |
| BLUFF CREEK             | 0.5                     | 1,112             | 557                | 2,219              |
| BLUFF CREEK             | 0.69                    | 1,356             | 679                | 2,705              |
| BLUFF CREEK             | 1.12                    | 2,168             | 1,086              | 4,326              |
| BLUFF CREEK             | 1.45                    | 2,522             | 1,263              | 5,031              |
| BLUFF CREEK             | 1.76                    | 2,809             | 1,407              | 5,605              |
| BLUFF CREEK             | 2.06                    | 3,140             | 1,573              | 6,264              |
| BLUFF CREEK             | 4.02                    | 4,759             | 2,384              | 9,493              |
| BLUFF CREEK             | 4.43                    | 4,830             | 2,420              | 9,635              |
| BLUFF CREEK             | 4.72                    | 5,079             | 2,545              | 10,133             |
| BLUFF CREEK             | 5.79                    | 5,600             | 2,806              | 11,172             |
| BLUFF CREEK             | 6.28                    | 5,558             | 2,785              | 11,088             |
| BLUFF CREEK             | 6.59                    | 6,214             | 3,113              | 12,397             |
| BLUFF CREEK TRIBUTARY 1 | 0.51                    | 1,117             | 560                | 2,228              |
| BLUFF CREEK TRIBUTARY 1 | 0.59                    | 1,269             | 636                | 2,531              |
| BLUFF CREEK TRIBUTARY 6 | 0.35                    | 980               | 491                | 1,955              |
| BOLES BRANCH            | 0.22                    | 498               | 249                | 993                |



| Stream Name               | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|---------------------------|-------------------------|-------------------|--------------------|--------------------|
|                           |                         | (cfs)             | (cfs)              | (cfs)              |
| BOLES BRANCH              | 0.32                    | 634               | 318                | 1,265              |
| BOLES BRANCH              | 0.88                    | 1,456             | 730                | 2,906              |
| BOLES BRANCH              | 0.99                    | 1,612             | 808                | 3,216              |
| BOLES BRANCH              | 1.19                    | 1,704             | 854                | 3,399              |
| BOLES BRANCH              | 1.54                    | 2,065             | 1,035              | 4,119              |
| BOLES LAKE                | 0.5                     | 977               | 490                | 1,950              |
| BOWMAN BRANCH             | 0.65                    | 1,231             | 617                | 2,456              |
| BOWMAN BRANCH             | 1.13                    | 2,133             | 1,068              | 4,255              |
| BOWMAN BRANCH             | 1.45                    | 2,627             | 1,316              | 5,241              |
| BRADFIELD CREEK           | 0.52                    | 744               | 373                | 1,484              |
| BRADFIELD CREEK           | 0.98                    | 1,220             | 611                | 2,433              |
| BRADFIELD CREEK           | 1.47                    | 1,835             | 919                | 3,660              |
| BRADFIELD CREEK           | 1.77                    | 2,107             | 1,056              | 4,203              |
| BROWN BRANCH              | 0.59                    | 1,134             | 568                | 2,263              |
| BROWN BRANCH              | 1.08                    | 1,718             | 861                | 3,427              |
| BROWN BRANCH              | 1.59                    | 2,650             | 1,328              | 5,287              |
| BROWN BRANCH              | 3.32                    | 4,995             | 2,502              | 9,965              |
| BROWN BRANCH              | 4.37                    | 6,011             | 3,012              | 11,993             |
| BUNNY RUN NORTH TRIBUTARY | 0.27                    | 518               | 259                | 1,032              |
| BUNNY RUN SOUTH TRIBUTARY | 0.52                    | 728               | 365                | 1,453              |
| BUNNY RUN SOUTH TRIBUTARY | 0.58                    | 858               | 430                | 1,713              |
| BUNNY RUN SOUTH TRIBUTARY | 0.91                    | 1,535             | 769                | 3,062              |
| CAMP CREEK                | 0.84                    | 1,066             | 534                | 2,126              |
| CAMP CREEK                | 0.99                    | 1,439             | 721                | 2,871              |
| CAMP CREEK                | 1.11                    | 1,562             | 783                | 3,117              |
| CAMP CREEK                | 1.42                    | 1,934             | 969                | 3,858              |
| CAMP CREEK                | 1.72                    | 2,069             | 1,037              | 4,128              |
| CAMP CREEK                | 2.14                    | 2,570             | 1,287              | 5,127              |
| CAMP CREEK                | 2.22                    | 2,621             | 1,313              | 5,228              |
| CAMP CREEK                | 2.74                    | 3,092             | 1,549              | 6,169              |
| CAMP CREEK                | 3.52                    | 3,281             | 1,644              | 6,546              |
| CAMP CREEK                | 3.66                    | 3,348             | 1,677              | 6,680              |
| CAMP CREEK                | 5.07                    | 4,423             | 2,216              | 8,824              |
| CAMP CREEK                | 5.21                    | 4,315             | 2,162              | 8,608              |
| CAMP CREEK                | 7.58                    | 5,546             | 2,778              | 11,064             |
| CAMP CREEK                | 7.78                    | 5,724             | 2,868              | 11,420             |
| CAMP CREEK                | 9.35                    | 6,821             | 3,417              | 13,608             |
| CAMP CREEK                | 11.52                   | 8,094             | 4,055              | 16,147             |

| Stream Name                               | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|-------------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                           |                         | (cfs)             | (cfs)              | (cfs)              |
| CAMP CREEK                                | 11.71                   | 8,015             | 4,016              | 15,991             |
| CAMP CREEK                                | 12.24                   | 8,206             | 4,111              | 16,371             |
| CAMP CREEK                                | 12.73                   | 8,303             | 4,160              | 16,564             |
| CAMP CREEK                                | 19.81                   | 12,970            | 6,498              | 25,876             |
| CAMP CREEK                                | 20.2                    | 12,786            | 6,406              | 25,508             |
| CAMP CREEK                                | 29.66                   | 15,224            | 7,627              | 30,373             |
| CAMP CREEK                                | 32.97                   | 15,047            | 7,538              | 30,018             |
| CAMP CREEK TRIBUTARY 1                    | 0.66                    | 1,291             | 647                | 2,575              |
| CAMP CREEK TRIBUTARY 1                    | 1.13                    | 1,602             | 802                | 3,195              |
| CAMP CREEK TRIBUTARY 1                    | 1.96                    | 2,398             | 1,201              | 4,784              |
| CAMP CREEK TRIBUTARY 1                    | 2.06                    | 2,413             | 1,209              | 4,815              |
| CAMP CREEK TRIBUTARY 1                    | 2.16                    | 2,407             | 1,206              | 4,803              |
| CAMP CREEK TRIBUTARY 10                   | 0.3                     | 646               | 323                | 1,288              |
| CAMP CREEK TRIBUTARY 9                    | 0.14                    | 330               | 165                | 659                |
| COTTONWOOD CREEK<br>(OF LAKE RAY HUBBARD) | 0.71                    | 926               | 464                | 1,847              |
| COTTONWOOD CREEK<br>(OF LAKE RAY HUBBARD) | 1.19                    | 1,371             | 687                | 2,735              |
| COTTONWOOD CREEK<br>(OF LAKE RAY HUBBARD) | 1.68                    | 1,791             | 897                | 3,574              |
| COTTONWOOD CREEK<br>(OF LAKE RAY HUBBARD) | 2.16                    | 2,163             | 1,084              | 4,316              |
| COTTONWOOD CREEK<br>(OF LAKE RAY HUBBARD) | 2.57                    | 2,372             | 1,188              | 4,731              |
| COTTONWOOD CREEK<br>(OF LAKE RAY HUBBARD) | 3.38                    | 2,974             | 1,490              | 5,933              |
| COTTONWOOD CREEK<br>(OF LAKE RAY HUBBARD) | 3.79                    | 3,171             | 1,589              | 6,326              |
| COTTONWOOD CREEK<br>(OF LAKE RAY HUBBARD) | 4.07                    | 3,324             | 1,665              | 6,632              |
| COTTONWOOD CREEK<br>(OF LAKE RAY HUBBARD) | 4.58                    | 3,519             | 1,763              | 7,021              |
| COTTONWOOD CREEK NO. 1                    | 0.54                    | 880               | 441                | 1,755              |
| COTTONWOOD CREEK NO. 1                    | 0.94                    | 1,388             | 695                | 2,768              |
| COTTONWOOD CREEK NO. 1                    | 1.44                    | 1,946             | 975                | 3,881              |
| COTTONWOOD CREEK NO. 1                    | 1.47                    | 1,844             | 924                | 3,679              |
| COTTONWOOD CREEK NO. 1                    | 2.38                    | 2,755             | 1,380              | 5,497              |
| COTTONWOOD CREEK NO. 1                    | 3.18                    | 3,507             | 1,757              | 6,996              |
| COTTONWOOD CREEK NO. 1                    | 3.67                    | 3,974             | 1,991              | 7,928              |
| COTTONWOOD CREEK NO. 1                    | 4.15                    | 4,534             | 2,271              | 9,045              |
| COTTONWOOD CREEK NO. 1                    | 4.6                     | 4,742             | 2,376              | 9,460              |
| COTTONWOOD CREEK NO. 1                    | 4.95                    | 4,828             | 2,419              | 9,631              |

| Stream Name                        | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                    |                         | (cfs)             | (cfs)              | (cfs)              |
| COTTONWOOD CREEK NO. 1             | 5.45                    | 5,290             | 2,650              | 10,553             |
| COTTONWOOD CREEK NO. 1             | 5.73                    | 5,233             | 2,622              | 10,439             |
| COTTONWOOD CREEK NO. 1             | 6.22                    | 5,399             | 2,705              | 10,771             |
| COTTONWOOD CREEK NO. 1             | 6.58                    | 6,371             | 3,192              | 12,711             |
| COTTONWOOD CREEK NO. 1             | 7.16                    | 6,785             | 3,399              | 13,535             |
| COTTONWOOD CREEK NO. 1             | 7.44                    | 6,859             | 3,436              | 13,683             |
| COTTONWOOD CREEK NO. 1             | 7.84                    | 6,686             | 3,350              | 13,338             |
| COTTONWOOD CREEK NO. 1             | 8.33                    | 7,760             | 3,888              | 15,481             |
| COTTONWOOD CREEK NO. 1             | 8.55                    | 7,815             | 3,915              | 15,592             |
| COTTONWOOD CREEK NO. 1             | 8.96                    | 8,066             | 4,041              | 16,092             |
| COTTONWOOD CREEK NO. 1             | 9.41                    | 8,037             | 4,026              | 16,034             |
| COTTONWOOD CREEK NO. 1             | 9.9                     | 8,584             | 4,301              | 17,126             |
| COTTONWOOD CREEK NO. 1             | 10.29                   | 8,708             | 4,363              | 17,372             |
| COTTONWOOD CREEK NO. 1             | 13.43                   | 10,736            | 5,378              | 21,417             |
| COTTONWOOD CREEK NO. 1             | 14.68                   | 11,383            | 5,703              | 22,709             |
| COTTONWOOD CREEK NO. 1             | 15.15                   | 11,498            | 5,761              | 22,939             |
| COTTONWOOD CREEK NO. 1             | 16.02                   | 11,632            | 5,828              | 23,206             |
| COTTONWOOD CREEK NO. 1             | 16.52                   | 12,086            | 6,055              | 24,111             |
| COTTONWOOD CREEK NO. 1             | 17.02                   | 12,218            | 6,121              | 24,375             |
| COTTONWOOD CREEK NO. 1             | 17.41                   | 12,365            | 6,195              | 24,668             |
| COTTONWOOD CREEK NO. 1             | 18.59                   | 13,068            | 6,547              | 26,070             |
| COTTONWOOD CREEK NO. 1             | 19.09                   | 12,969            | 6,498              | 25,873             |
| COTTONWOOD CREEK NO. 1             | 19.29                   | 12,935            | 6,480              | 25,805             |
| COTTONWOOD CREEK NO. 1 TRIBUTARY 1 | 0.29                    | 678               | 340                | 1,353              |
| COTTONWOOD CREEK NO. 1 TRIBUTARY 1 | 0.35                    | 794               | 398                | 1,584              |
| COTTONWOOD CREEK NO. 1 TRIBUTARY 1 | 0.63                    | 1,451             | 727                | 2,895              |
| CRENSHAW LAKE                      | 0.5                     | 1,060             | 531                | 2,115              |
| CRENSHAW LAKE                      | 0.59                    | 1,109             | 555                | 2,211              |
| CRENSHAW LAKE                      | 0.89                    | 1,450             | 727                | 2,893              |
| CRENSHAW LAKE                      | 1.34                    | 2,069             | 1,037              | 4,128              |
| DUBLIN CREEK                       | 0.5                     | 1,102             | 552                | 2,198              |
| DUBLIN CREEK                       | 0.86                    | 1,751             | 877                | 3,494              |
| FOX CREEK                          | 0.48                    | 881               | 441                | 1,757              |
| LITTLE BUFFALO CREEK TRIBUTARY 4   | 0.06                    | 163               | 82                 | 325                |
| LONG BRANCH OF MUDDY CREEK         | 0.51                    | 897               | 449                | 1,789              |
| LONG BRANCH OF MUDDY CREEK         | 1.01                    | 1,417             | 710                | 2,827              |
| LONG BRANCH OF MUDDY CREEK         | 1.33                    | 1,663             | 833                | 3,318              |
| LONG BRANCH OF MUDDY CREEK         | 1.79                    | 2,095             | 1,050              | 4,180              |

| Stream Name                     | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|---------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                 |                         | (cfs)             | (cfs)              | (cfs)              |
| LONG BRANCH OF MUDDY CREEK      | 2.18                    | 2,476             | 1,240              | 4,939              |
| LONG BRANCH OF MUDDY CREEK      | 2.6                     | 2,527             | 1,266              | 5,042              |
| LONG BRANCH OF MUDDY CREEK      | 4.13                    | 3,733             | 1,870              | 7,447              |
| LONG BRANCH OF MUDDY CREEK      | 4.36                    | 3,537             | 1,772              | 7,056              |
| LONG BRANCH TO LAKE RAY HUBBARD | 0.51                    | 647               | 324                | 1,291              |
| LONG BRANCH TO LAKE RAY HUBBARD | 0.97                    | 1,088             | 545                | 2,170              |
| LONG BRANCH TO LAKE RAY HUBBARD | 1.46                    | 1,527             | 765                | 3,047              |
| LONG BRANCH TO LAKE RAY HUBBARD | 1.87                    | 1,981             | 992                | 3,951              |
| LONG BRANCH TO LAKE RAY HUBBARD | 3.26                    | 2,632             | 1,319              | 5,251              |
| LONG BRANCH TRIBUTARY 1.1       | 0.36                    | 571               | 286                | 1,138              |
| MAXWELL CREEK                   | 0.65                    | 963               | 483                | 1,921              |
| MAXWELL CREEK                   | 1.1                     | 1,391             | 697                | 2,776              |
| MAXWELL CREEK                   | 1.49                    | 1,808             | 906                | 3,607              |
| MAXWELL CREEK                   | 1.82                    | 2,042             | 1,023              | 4,074              |
| MAXWELL CREEK                   | 2.2                     | 2,426             | 1,215              | 4,839              |
| MAXWELL CREEK                   | 2.62                    | 2,594             | 1,299              | 5,175              |
| MAXWELL CREEK                   | 3.12                    | 3,107             | 1,557              | 6,199              |
| MAXWELL CREEK                   | 3.62                    | 3,663             | 1,835              | 7,307              |
| MAXWELL CREEK                   | 4.1                     | 4,058             | 2,033              | 8,096              |
| MAXWELL CREEK                   | 4.22                    | 4,275             | 2,142              | 8,528              |
| MAXWELL CREEK                   | 4.57                    | 4,371             | 2,190              | 8,721              |
| MAXWELL CREEK                   | 4.87                    | 4,615             | 2,312              | 9,207              |
| MAXWELL CREEK                   | 5.37                    | 4,912             | 2,461              | 9,800              |
| MAXWELL CREEK                   | 5.86                    | 5,402             | 2,706              | 10,777             |
| MAXWELL CREEK                   | 6.1                     | 5,850             | 2,931              | 11,670             |
| MAXWELL CREEK                   | 7.45                    | 6,445             | 3,229              | 12,859             |
| MAXWELL CREEK                   | 8.63                    | 7,091             | 3,553              | 14,147             |
| MAXWELL CREEK                   | 8.84                    | 6,916             | 3,465              | 13,798             |
| MAXWELL CREEK                   | 10.31                   | 7,797             | 3,906              | 15,555             |
| MAXWELL CREEK TRIBUTARY 1       | 0.51                    | 739               | 370                | 1,474              |
| MAXWELL CREEK TRIBUTARY 1       | 0.69                    | 1,017             | 509                | 2,029              |
| MILLS BRANCH                    | 1.03                    | 1,458             | 731                | 2,910              |
| MILLS BRANCH                    | 1.48                    | 2,045             | 1,025              | 4,080              |
| MILLS BRANCH                    | 2.63                    | 3,282             | 1,644              | 6,548              |
| MILLS BRANCH                    | 3.5                     | 4,006             | 2,007              | 7,992              |
| MILLS BRANCH                    | 3.82                    | 4,217             | 2,113              | 8,413              |
| MILLS BRANCH                    | 4.67                    | 4,586             | 2,298              | 9,149              |
| MUDDY CREEK                     | 0.59                    | 949               | 476                | 1,894              |

| Stream Name | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|-------------|-------------------------|-------------------|--------------------|--------------------|
|             |                         | (cfs)             | (cfs)              | (cfs)              |
| MUDDY CREEK | 1.02                    | 1,511             | 757                | 3,014              |
| MUDDY CREEK | 1.5                     | 2,046             | 1,025              | 4,082              |
| MUDDY CREEK | 1.99                    | 2,556             | 1,281              | 5,099              |
| MUDDY CREEK | 2.48                    | 3,061             | 1,534              | 6,107              |
| MUDDY CREEK | 2.96                    | 3,526             | 1,766              | 7,034              |
| MUDDY CREEK | 3                       | 3,566             | 1,787              | 7,114              |
| MUDDY CREEK | 4.33                    | 4,723             | 2,366              | 9,422              |
| MUDDY CREEK | 4.78                    | 4,858             | 2,434              | 9,692              |
| MUDDY CREEK | 5.02                    | 5,136             | 2,573              | 10,245             |
| MUDDY CREEK | 6.97                    | 6,508             | 3,261              | 12,984             |
| MUDDY CREEK | 7.41                    | 6,722             | 3,368              | 13,410             |
| MUDDY CREEK | 7.69                    | 6,646             | 3,330              | 13,259             |
| MUDDY CREEK | 8.02                    | 6,632             | 3,322              | 13,230             |
| MUDDY CREEK | 9.39                    | 7,688             | 3,852              | 15,338             |
| MUDDY CREEK | 9.84                    | 7,924             | 3,970              | 15,808             |
| MUDDY CREEK | 10.34                   | 8,082             | 4,049              | 16,124             |
| MUDDY CREEK | 10.84                   | 7,968             | 3,992              | 15,897             |
| MUDDY CREEK | 11.31                   | 8,018             | 4,017              | 15,995             |
| MUDDY CREEK | 11.83                   | 8,240             | 4,128              | 16,439             |
| MUDDY CREEK | 13.96                   | 9,864             | 4,942              | 19,679             |
| MUDDY CREEK | 15.53                   | 10,147            | 5,084              | 20,244             |
| MUDDY CREEK | 15.69                   | 10,395            | 5,208              | 20,737             |
| MUDDY CREEK | 26.07                   | 15,163            | 7,597              | 30,251             |
| MUDDY CREEK | 27.79                   | 15,287            | 7,659              | 30,498             |
| MUDDY CREEK | 28.49                   | 15,603            | 7,817              | 31,128             |
| MUDDY CREEK | 28.99                   | 15,149            | 7,590              | 30,222             |
| MUDDY CREEK | 29.43                   | 14,937            | 7,484              | 29,800             |
| MUDDY CREEK | 29.9                    | 14,611            | 7,320              | 29,149             |
| MUDDY CREEK | 29.98                   | 14,879            | 7,454              | 29,683             |
| MUDDY CREEK | 30.78                   | 14,545            | 7,287              | 29,016             |
| MUDDY CREEK | 31.34                   | 14,555            | 7,292              | 29,037             |
| MUDDY CREEK | 35.97                   | 15,790            | 7,911              | 31,500             |
| MUDDY CREEK | 36.48                   | 16,020            | 8,026              | 31,960             |
| MUDDY CREEK | 38.42                   | 16,072            | 8,052              | 32,063             |
| MUDDY CREEK | 39.39                   | 16,172            | 8,102              | 32,263             |
| MUDDY CREEK | 39.92                   | 15,800            | 7,916              | 31,522             |
| MUDDY CREEK | 42.61                   | 15,933            | 7,983              | 31,787             |
| MUDDY CREEK | 43.76                   | 16,430            | 8,232              | 32,778             |

| Stream Name              | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|--------------------------|-------------------------|-------------------|--------------------|--------------------|
|                          |                         | (cfs)             | (cfs)              | (cfs)              |
| MUDDY CREEK              | 44.45                   | 16,463            | 8,248              | 32,843             |
| MUDDY CREEK              | 46.1                    | 16,459            | 8,246              | 32,837             |
| MUDDY CREEK              | 47.55                   | 15,817            | 7,924              | 31,554             |
| MUDDY CREEK              | 48.57                   | 15,866            | 7,949              | 31,652             |
| MUDDY CREEK TRIBUTARY 1  | 0.6                     | 1,056             | 529                | 2,106              |
| MUDDY CREEK TRIBUTARY 1  | 0.69                    | 1,034             | 518                | 2,062              |
| MUDDY CREEK TRIBUTARY 2  | 0.55                    | 981               | 491                | 1,957              |
| MUDDY CREEK TRIBUTARY 2  | 0.6                     | 971               | 487                | 1,937              |
| MUDDY CREEK TRIBUTARY 2  | 1.22                    | 1,685             | 844                | 3,361              |
| MUDDY CREEK TRIBUTARY 2  | 1.33                    | 1,791             | 897                | 3,574              |
| MUDDY CREEK TRIBUTARY 2  | 1.72                    | 2,163             | 1,084              | 4,316              |
| MUDDY CREEK TRIBUTARY 2  | 2.14                    | 2,434             | 1,219              | 4,855              |
| MUDDY CREEK TRIBUTARY 3  | 0.5                     | 832               | 417                | 1,660              |
| MUDDY CREEK TRIBUTARY 3  | 0.98                    | 1,476             | 739                | 2,944              |
| MUDDY CREEK TRIBUTARY 3  | 1.28                    | 1,729             | 866                | 3,450              |
| MUDDY CREEK TRIBUTARY C  | 0.9                     | 1,571             | 787                | 3,133              |
| MUDDY CREEK TRIBUTARY C  | 1.22                    | 2,092             | 1,048              | 4,174              |
| NELSON CREEK             | 0.54                    | 768               | 385                | 1,533              |
| NELSON CREEK             | 0.61                    | 834               | 418                | 1,664              |
| NELSON CREEK             | 0.88                    | 1,188             | 595                | 2,371              |
| NELSON CREEK             | 1.49                    | 1,873             | 938                | 3,737              |
| NELSON CREEK             | 1.96                    | 2,222             | 1,113              | 4,433              |
| NELSON CREEK TRIBUTARY 2 | 0.5                     | 937               | 469                | 1,869              |
| NELSON CREEK TRIBUTARY 2 | 0.51                    | 946               | 474                | 1,888              |
| NORTH FORK PITTMAN CREEK | 0.58                    | 1,131             | 567                | 2,257              |
| NORTH FORK PITTMAN CREEK | 0.59                    | 1,134             | 568                | 2,263              |
| PHELPS LAKE              | 0.93                    | 1,476             | 739                | 2,944              |
| PHELPS LAKE              | 1.16                    | 1,554             | 778                | 3,099              |
| PHELPS LAKE              | 1.34                    | 1,814             | 909                | 3,619              |
| PICKENS LAKE             | 0.17                    | 356               | 178                | 710                |
| PITTMAN CREEK            | 0.5                     | 842               | 422                | 1,680              |
| PITTMAN CREEK            | 0.71                    | 1,285             | 644                | 2,563              |
| PITTMAN CREEK            | 1.8                     | 3,014             | 1,510              | 6,012              |
| PITTMAN CREEK            | 2.28                    | 3,334             | 1,670              | 6,651              |
| PITTMAN CREEK            | 2.54                    | 3,855             | 1,932              | 7,692              |
| PITTMAN CREEK            | 3.04                    | 4,520             | 2,264              | 9,017              |
| PITTMAN CREEK            | 3.32                    | 4,489             | 2,249              | 8,956              |
| PITTMAN CREEK            | 3.82                    | 5,310             | 2,660              | 10,594             |

| Stream Name               | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|---------------------------|-------------------------|-------------------|--------------------|--------------------|
|                           |                         | (cfs)             | (cfs)              | (cfs)              |
| PITTMAN CREEK             | 4.14                    | 5,622             | 2,816              | 11,215             |
| PITTMAN CREEK             | 4.61                    | 6,285             | 3,149              | 12,539             |
| PITTMAN CREEK             | 5.08                    | 6,555             | 3,284              | 13,077             |
| PITTMAN CREEK TRIBUTARY 2 | 0.46                    | 1,195             | 599                | 2,384              |
| PRAIRIE CREEK             | 0.85                    | 1,379             | 691                | 2,751              |
| PRAIRIE CREEK             | 1.34                    | 2,067             | 1,036              | 4,124              |
| PRAIRIE CREEK             | 1.64                    | 2,381             | 1,193              | 4,751              |
| PRAIRIE CREEK             | 2.14                    | 2,987             | 1,497              | 5,959              |
| PRAIRIE CREEK             | 2.6                     | 3,010             | 1,508              | 6,005              |
| PRAIRIE CREEK             | 3.28                    | 4,176             | 2,092              | 8,330              |
| PRAIRIE CREEK             | 3.76                    | 4,199             | 2,104              | 8,377              |
| PRAIRIE CREEK             | 4.26                    | 4,728             | 2,368              | 9,431              |
| PRAIRIE CREEK             | 4.68                    | 4,912             | 2,461              | 9,798              |
| PRAIRIE CREEK             | 5.16                    | 4,931             | 2,471              | 9,838              |
| PRAIRIE CREEK             | 5.32                    | 5,132             | 2,571              | 10,238             |
| PRAIRIE CREEK             | 6.36                    | 5,983             | 2,997              | 11,936             |
| PRAIRIE CREEK             | 6.84                    | 6,142             | 3,077              | 12,254             |
| PRAIRIE CREEK             | 7.13                    | 6,475             | 3,244              | 12,917             |
| ROWLETT CREEK             | 0.61                    | 965               | 483                | 1,925              |
| ROWLETT CREEK             | 1.28                    | 1,840             | 922                | 3,671              |
| ROWLETT CREEK             | 2.02                    | 3,200             | 1,603              | 6,384              |
| ROWLETT CREEK             | 2.51                    | 3,640             | 1,824              | 7,262              |
| ROWLETT CREEK             | 3                       | 4,220             | 2,114              | 8,419              |
| ROWLETT CREEK             | 3.5                     | 4,470             | 2,239              | 8,918              |
| ROWLETT CREEK             | 3.63                    | 4,890             | 2,450              | 9,756              |
| ROWLETT CREEK             | 4.12                    | 5,010             | 2,510              | 9,995              |
| ROWLETT CREEK             | 4.16                    | 4,680             | 2,345              | 9,337              |
| ROWLETT CREEK             | 7.68                    | 8,170             | 4,093              | 16,299             |
| ROWLETT CREEK             | 8.5                     | 9,270             | 4,644              | 18,494             |
| ROWLETT CREEK             | 8.99                    | 9,990             | 5,005              | 19,930             |
| ROWLETT CREEK             | 9.41                    | 10,100            | 5,060              | 20,150             |
| ROWLETT CREEK             | 9.91                    | 9,950             | 4,985              | 19,850             |
| ROWLETT CREEK             | 10.4                    | 10,700            | 5,361              | 21,347             |
| ROWLETT CREEK             | 10.67                   | 10,400            | 5,210              | 20,748             |
| ROWLETT CREEK             | 11.17                   | 10,900            | 5,461              | 21,746             |
| ROWLETT CREEK             | 11.64                   | 11,000            | 5,511              | 21,945             |
| ROWLETT CREEK             | 12.13                   | 10,600            | 5,311              | 21,147             |
| ROWLETT CREEK             | 12.49                   | 10,800            | 5,411              | 21,546             |



| Stream Name   | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|---------------|-------------------------|-------------------|--------------------|--------------------|
|               |                         | (cfs)             | (cfs)              | (cfs)              |
| ROWLETT CREEK | 23.8                    | 17,700            | 8,868              | 35,312             |
| ROWLETT CREEK | 24.4                    | 18,000            | 9,018              | 35,910             |
| ROWLETT CREEK | 25.45                   | 18,100            | 9,068              | 36,110             |
| ROWLETT CREEK | 25.94                   | 18,500            | 9,269              | 36,908             |
| ROWLETT CREEK | 26.31                   | 17,800            | 8,918              | 35,511             |
| ROWLETT CREEK | 27.49                   | 18,200            | 9,118              | 36,309             |
| ROWLETT CREEK | 27.54                   | 18,400            | 9,218              | 36,708             |
| ROWLETT CREEK | 33.59                   | 20,900            | 10,471             | 41,696             |
| ROWLETT CREEK | 39.32                   | 23,700            | 11,874             | 47,282             |
| ROWLETT CREEK | 39.82                   | 24,000            | 12,024             | 47,880             |
| ROWLETT CREEK | 39.95                   | 23,500            | 11,774             | 46,883             |
| ROWLETT CREEK | 40.41                   | 22,500            | 11,273             | 44,888             |
| ROWLETT CREEK | 40.6                    | 23,400            | 11,723             | 46,683             |
| ROWLETT CREEK | 41.1                    | 22,700            | 11,373             | 45,287             |
| ROWLETT CREEK | 41.55                   | 23,200            | 11,623             | 46,284             |
| ROWLETT CREEK | 41.77                   | 22,600            | 11,323             | 45,087             |
| ROWLETT CREEK | 42.62                   | 23,200            | 11,623             | 46,284             |
| ROWLETT CREEK | 43.07                   | 22,800            | 11,423             | 45,486             |
| ROWLETT CREEK | 47.61                   | 24,400            | 12,224             | 48,678             |
| ROWLETT CREEK | 48                      | 24,400            | 12,224             | 48,678             |
| ROWLETT CREEK | 48.57                   | 24,300            | 12,174             | 48,479             |
| ROWLETT CREEK | 48.62                   | 23,300            | 11,673             | 46,484             |
| ROWLETT CREEK | 51.24                   | 25,300            | 12,675             | 50,474             |
| ROWLETT CREEK | 51.72                   | 24,300            | 12,174             | 48,479             |
| ROWLETT CREEK | 52.12                   | 24,600            | 12,325             | 49,077             |
| ROWLETT CREEK | 71.85                   | 31,800            | 15,932             | 63,441             |
| ROWLETT CREEK | 71.95                   | 32,100            | 16,082             | 64,040             |
| ROWLETT CREEK | 73.42                   | 31,200            | 15,631             | 62,244             |
| ROWLETT CREEK | 73.44                   | 31,700            | 15,882             | 63,242             |
| ROWLETT CREEK | 74.83                   | 31,400            | 15,731             | 62,643             |
| ROWLETT CREEK | 75.69                   | 31,700            | 15,882             | 63,242             |
| ROWLETT CREEK | 80.09                   | 32,500            | 16,283             | 64,838             |
| ROWLETT CREEK | 80.91                   | 32,700            | 16,383             | 65,237             |
| ROWLETT CREEK | 82.77                   | 32,700            | 16,383             | 65,237             |
| ROWLETT CREEK | 83.26                   | 32,600            | 16,333             | 65,037             |
| ROWLETT CREEK | 83.75                   | 32,200            | 16,132             | 64,239             |
| ROWLETT CREEK | 120.62                  | 45,300            | 22,695             | 90,374             |
| ROWLETT CREEK | 121.47                  | 45,700            | 22,896             | 91,172             |

| Stream Name               | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|---------------------------|-------------------------|-------------------|--------------------|--------------------|
|                           |                         | (cfs)             | (cfs)              | (cfs)              |
| ROWLETT CREEK             | 121.62                  | 44,800            | 22,445             | 89,376             |
| ROWLETT CREEK             | 122                     | 44,800            | 22,445             | 89,376             |
| ROWLETT CREEK             | 122.78                  | 43,700            | 21,894             | 87,182             |
| ROWLETT CREEK             | 124.28                  | 44,900            | 22,495             | 89,576             |
| ROWLETT CREEK             | 125.03                  | 44,400            | 22,244             | 88,578             |
| ROWLETT CREEK             | 125.9                   | 44,000            | 22,044             | 87,780             |
| ROWLETT CREEK             | 128.97                  | 43,500            | 21,794             | 86,783             |
| ROWLETT CREEK             | 129.21                  | 43,400            | 21,743             | 86,583             |
| ROWLETT CREEK             | 131.29                  | 44,300            | 22,194             | 88,379             |
| ROWLETT CREEK             | 138.09                  | 42,300            | 21,192             | 84,389             |
| ROWLETT CREEK             | 141.15                  | 42,300            | 21,192             | 84,389             |
| ROWLETT CREEK             | 142.74                  | 43,300            | 21,693             | 86,384             |
| ROWLETT CREEK             | 143.19                  | 43,100            | 21,593             | 85,985             |
| ROWLETT CREEK             | 144.38                  | 41,800            | 20,942             | 83,391             |
| ROWLETT CREEK             | 148.31                  | 41,500            | 20,792             | 82,793             |
| ROWLETT CREEK             | 197.95                  | 45,400            | 22,745             | 90,573             |
| ROWLETT CREEK             | 200.22                  | 45,400            | 22,745             | 90,573             |
| ROWLETT CREEK             | 202.38                  | 45,500            | 22,796             | 90,773             |
| ROWLETT CREEK TRIBUTARY 1 | 0.24                    | 438               | 219                | 874                |
| ROWLETT CREEK TRIBUTARY 1 | 0.52                    | 875               | 438                | 1,746              |
| ROWLETT CREEK TRIBUTARY 1 | 1.98                    | 2,047             | 1,025              | 4,083              |
| ROWLETT CREEK TRIBUTARY 2 | 1.09                    | 1,234             | 618                | 2,462              |
| ROWLETT CREEK TRIBUTARY 2 | 1.74                    | 1,562             | 783                | 3,116              |
| ROWLETT CREEK TRIBUTARY 4 | 0.63                    | 1,159             | 581                | 2,312              |
| ROWLETT CREEK TRIBUTARY 4 | 1.12                    | 1,846             | 925                | 3,683              |
| ROWLETT CREEK TRIBUTARY 4 | 2.11                    | 3,338             | 1,672              | 6,660              |
| ROWLETT CREEK TRIBUTARY 4 | 2.84                    | 3,940             | 1,974              | 7,861              |
| ROWLETT CREEK TRIBUTARY 4 | 2.94                    | 4,165             | 2,087              | 8,310              |
| ROWLETT CREEK TRIBUTARY 4 | 3.16                    | 4,288             | 2,148              | 8,555              |
| RUSH CREEK                | 0.54                    | 873               | 437                | 1,742              |
| RUSH CREEK                | 0.97                    | 1,530             | 766                | 3,051              |
| RUSH CREEK                | 1.56                    | 2,332             | 1,168              | 4,653              |
| RUSH CREEK                | 1.88                    | 2,642             | 1,323              | 5,270              |
| RUSH CREEK                | 2.34                    | 3,129             | 1,568              | 6,242              |
| RUSH CREEK                | 2.81                    | 3,391             | 1,699              | 6,765              |
| RUSH CREEK                | 3.24                    | 3,785             | 1,896              | 7,550              |
| RUSH CREEK                | 5.15                    | 5,474             | 2,742              | 10,920             |
| RUSH CREEK                | 6.37                    | 5,923             | 2,967              | 11,816             |

| Stream Name                              | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|------------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                          |                         | (cfs)             | (cfs)              | (cfs)              |
| RUSH CREEK 2                             | 0.35                    | 689               | 345                | 1,375              |
| RUSH CREEK 2                             | 1.1                     | 1,555             | 779                | 3,101              |
| RUSH CREEK 2                             | 1.23                    | 1,674             | 838                | 3,339              |
| RUSH CREEK 2                             | 2.07                    | 1,715             | 859                | 3,421              |
| RUSH CREEK 2 TRIBUTARY 1                 | 0.28                    | 562               | 281                | 1,120              |
| RUSH CREEK 2 TRIBUTARY 2                 | 0.25                    | 504               | 252                | 1,005              |
| RUSH CREEK TRIBUTARY 1                   | 1.05                    | 1,355             | 679                | 2,702              |
| RUSH CREEK TRIBUTARY 1                   | 1.53                    | 1,957             | 981                | 3,905              |
| RUSH CREEK TRIBUTARY 2                   | 0.38                    | 772               | 387                | 1,539              |
| RUSH CREEK TRIBUTARY A                   | 0.17                    | 490               | 246                | 978                |
| RUSSELL CREEK                            | 5.24                    | 6,501             | 3,257              | 12,969             |
| RUSSELL CREEK                            | 5.72                    | 6,695             | 3,354              | 13,357             |
| SOUTH PRONG SQUABBLE CREEK               | 0.22                    | 444               | 222                | 885                |
| SOUTH PRONG SQUABBLE CREEK               | 0.44                    | 849               | 425                | 1,693              |
| SOUTH PRONG SQUABBLE CREEK               | 0.51                    | 965               | 484                | 1,926              |
| SOUTH PRONG SQUABBLE CREEK               | 0.61                    | 1,109             | 556                | 2,213              |
| SOUTH PRONG SQUABBLE CREEK               | 0.68                    | 1,205             | 604                | 2,404              |
| SOUTH PRONG SQUABBLE CREEK               | 0.75                    | 1,309             | 656                | 2,612              |
| SOUTH PRONG SQUABBLE CREEK               | 1                       | 1,667             | 835                | 3,325              |
| SOUTH PRONG SQUABBLE CREEK               | 1.1                     | 1,642             | 822                | 3,275              |
| SOUTH PRONG SQUABBLE CREEK TRIBUTARY 3   | 0.03                    | 84                | 42                 | 167                |
| SOUTH PRONG SQUABBLE CREEK TRIBUTARY 3-A | 0.02                    | 79                | 40                 | 158                |
| SOUTH PRONG SQUABBLE CREEK TRIBUTARY 3-A | 0.07                    | 235               | 118                | 469                |
| SOUTH PRONG SQUABBLE CREEK TRIBUTARY 4   | 0.09                    | 227               | 114                | 452                |
| SOUTH PRONG SQUABBLE CREEK TRIBUTARY 6   | 0.08                    | 198               | 99                 | 394                |
| SOUTH PRONG SQUABBLE CREEK TRIBUTARY 6   | 0.17                    | 351               | 176                | 701                |
| SOUTH PRONG SQUABBLE CREEK TRIBUTARY 6-A | 0.07                    | 150               | 75                 | 298                |
| SPRING CREEK                             | 0.5                     | 880               | 441                | 1,755              |
| SPRING CREEK                             | 1                       | 1,679             | 841                | 3,350              |
| SPRING CREEK                             | 1.49                    | 2,239             | 1,122              | 4,467              |
| SPRING CREEK                             | 1.59                    | 2,530             | 1,267              | 5,047              |
| SPRING CREEK                             | 2.63                    | 3,605             | 1,806              | 7,192              |
| SPRING CREEK                             | 3.81                    | 4,726             | 2,368              | 9,428              |
| SPRING CREEK                             | 4.06                    | 5,048             | 2,529              | 10,070             |

| Stream Name  | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|--------------|-------------------------|-------------------|--------------------|--------------------|
|              |                         | (cfs)             | (cfs)              | (cfs)              |
| SPRING CREEK | 4.55                    | 5,347             | 2,679              | 10,667             |
| SPRING CREEK | 5.55                    | 5,981             | 2,997              | 11,932             |
| SPRING CREEK | 6.04                    | 6,473             | 3,243              | 12,913             |
| SPRING CREEK | 6.33                    | 6,692             | 3,352              | 13,350             |
| SPRING CREEK | 7.51                    | 7,649             | 3,832              | 15,261             |
| SPRING CREEK | 7.69                    | 7,827             | 3,921              | 15,615             |
| SPRING CREEK | 8.05                    | 8,269             | 4,143              | 16,496             |
| SPRING CREEK | 8.41                    | 8,109             | 4,063              | 16,177             |
| SPRING CREEK | 8.95                    | 8,701             | 4,359              | 17,359             |
| SPRING CREEK | 9.2                     | 8,770             | 4,394              | 17,497             |
| SPRING CREEK | 9.65                    | 8,304             | 4,160              | 16,566             |
| SPRING CREEK | 15.19                   | 12,826            | 6,426              | 25,587             |
| SPRING CREEK | 15.38                   | 12,599            | 6,312              | 25,136             |
| SPRING CREEK | 15.38                   | 12,866            | 6,446              | 25,667             |
| SPRING CREEK | 15.54                   | 12,842            | 6,434              | 25,619             |
| SPRING CREEK | 22.69                   | 16,326            | 8,179              | 32,571             |
| SPRING CREEK | 23.12                   | 17,126            | 8,580              | 34,165             |
| SPRING CREEK | 23.48                   | 17,064            | 8,549              | 34,043             |
| SPRING CREEK | 23.64                   | 16,966            | 8,500              | 33,848             |
| SPRING CREEK | 24.05                   | 17,009            | 8,521              | 33,933             |
| SPRING CREEK | 24.55                   | 17,108            | 8,571              | 34,130             |
| SPRING CREEK | 24.9                    | 16,731            | 8,382              | 33,378             |
| SPRING CREEK | 25.36                   | 16,810            | 8,422              | 33,535             |
| SPRING CREEK | 25.41                   | 16,468            | 8,250              | 32,853             |
| SPRING CREEK | 26.26                   | 16,997            | 8,515              | 33,908             |
| SPRING CREEK | 26.75                   | 17,225            | 8,630              | 34,364             |
| SPRING CREEK | 26.82                   | 16,990            | 8,512              | 33,894             |
| SPRING CREEK | 27.78                   | 17,322            | 8,678              | 34,558             |
| SPRING CREEK | 28.87                   | 16,683            | 8,358              | 33,282             |
| SPRING CREEK | 29.34                   | 17,228            | 8,631              | 34,370             |
| SPRING CREEK | 29.53                   | 16,865            | 8,449              | 33,645             |
| SPRING CREEK | 29.97                   | 16,968            | 8,501              | 33,851             |
| SPRING CREEK | 30.46                   | 17,126            | 8,580              | 34,166             |
| SPRING CREEK | 30.67                   | 16,790            | 8,412              | 33,495             |
| SPRING CREEK | 32.22                   | 17,874            | 8,955              | 35,659             |
| SPRING CREEK | 33.52                   | 17,698            | 8,866              | 35,307             |
| SPRING CREEK | 34.02                   | 17,610            | 8,823              | 35,132             |
| SPRING CREEK | 34.04                   | 17,911            | 8,974              | 35,733             |

| Stream Name                    | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|--------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                |                         | (cfs)             | (cfs)              | (cfs)              |
| SPRING CREEK                   | 35.6                    | 18,978            | 9,508              | 37,861             |
| SPRING CREEK                   | 36.01                   | 18,517            | 9,277              | 36,942             |
| SPRING CREEK                   | 36.87                   | 18,686            | 9,361              | 37,278             |
| SPRING CREEK TRIBUTARY 2       | 0.53                    | 1,024             | 513                | 2,043              |
| SPRING CREEK TRIBUTARY 4       | 0.34                    | 763               | 382                | 1,522              |
| SPRING CREEK TRIBUTARY1        | 0.19                    | 329               | 165                | 656                |
| SQUABBLE CREEK                 | 0.45                    | 785               | 393                | 1,566              |
| SQUABBLE CREEK                 | 2                       | 2,655             | 1,330              | 5,297              |
| SQUABBLE CREEK                 | 3.35                    | 3,760             | 1,884              | 7,500              |
| SQUABBLE CREEK                 | 4.77                    | 4,873             | 2,441              | 9,722              |
| SQUABBLE CREEK                 | 4.93                    | 4,743             | 2,376              | 9,462              |
| SQUABBLE CREEK                 | 5.69                    | 5,302             | 2,656              | 10,577             |
| SQUABBLE CREEK                 | 6.15                    | 5,414             | 2,712              | 10,800             |
| SQUABBLE CREEK                 | 6.47                    | 5,362             | 2,687              | 10,698             |
| SQUABBLE CREEK                 | 7.35                    | 5,399             | 2,705              | 10,772             |
| SQUABBLE CREEK TRIBUTARY B     | 0.19                    | 429               | 215                | 856                |
| SQUABBLE CREEK TRIBUTARY D     | 0.29                    | 479               | 240                | 956                |
| SQUABBLE CREEK TRIBUTARY D     | 0.44                    | 796               | 399                | 1,587              |
| SQUABBLE CREEK TRIBUTARY E     | 0.49                    | 954               | 478                | 1,903              |
| SQUABBLE CREEK TRIBUTARY H-2   | 0.3                     | 622               | 312                | 1,242              |
| SQUABBLE CREEK TRIBUTARY H-2.1 | 0.19                    | 388               | 194                | 773                |
| STREAM 2A3                     | 0.63                    | 859               | 430                | 1,713              |
| STREAM 2A3                     | 0.64                    | 897               | 449                | 1,790              |
| STREAM 2A3                     | 2.43                    | 1,943             | 974                | 3,877              |
| STREAM 2A4                     | 0.18                    | 310               | 156                | 619                |
| STREAM 2A5                     | 1.03                    | 1,048             | 525                | 2,091              |
| STREAM 2D10                    | 0.5                     | 940               | 471                | 1,875              |
| STREAM 2D10                    | 0.52                    | 1,037             | 520                | 2,069              |
| STREAM 2D11                    | 0.56                    | 1,101             | 552                | 2,196              |
| STREAM 2D11                    | 0.79                    | 1,559             | 781                | 3,110              |
| STREAM 2D12                    | 0.39                    | 848               | 425                | 1,691              |
| STREAM 2D13                    | 0.5                     | 847               | 424                | 1,689              |
| STREAM 2D13                    | 0.99                    | 1,394             | 698                | 2,780              |
| STREAM 2D13                    | 1.23                    | 1,658             | 831                | 3,308              |
| STREAM 2D14                    | 0.53                    | 900               | 451                | 1,795              |
| STREAM 2D14                    | 0.65                    | 1,047             | 525                | 2,089              |
| STREAM 2D15                    | 0.46                    | 1,008             | 505                | 2,012              |
| STREAM 2D16                    | 0.46                    | 1,011             | 507                | 2,017              |

| Stream Name | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|-------------|-------------------------|-------------------|--------------------|--------------------|
|             |                         | (cfs)             | (cfs)              | (cfs)              |
| STREAM 2D3  | 0.54                    | 768               | 385                | 1,531              |
| STREAM 2D3  | 0.72                    | 1,084             | 543                | 2,163              |
| STREAM 2D5  | 0.51                    | 847               | 424                | 1,690              |
| STREAM 2D5  | 0.97                    | 1,500             | 751                | 2,992              |
| STREAM 2D5  | 1.56                    | 2,225             | 1,115              | 4,439              |
| STREAM 2D6  | 0.5                     | 1,055             | 528                | 2,104              |
| STREAM 2D6  | 0.51                    | 1,053             | 528                | 2,101              |
| STREAM 2D8  | 0.7                     | 1,443             | 723                | 2,880              |
| STREAM 2D8  | 1.61                    | 2,927             | 1,467              | 5,840              |
| STREAM 2D8  | 2.11                    | 3,739             | 1,873              | 7,459              |
| STREAM 2D8  | 2.13                    | 3,688             | 1,848              | 7,357              |
| STREAM 2D9  | 0.47                    | 1,086             | 544                | 2,166              |
| STREAM 2E10 | 1.01                    | 748               | 375                | 1,492              |
| STREAM 2E10 | 1.46                    | 1,214             | 608                | 2,421              |
| STREAM 2E2  | 0.5                     | 780               | 391                | 1,556              |
| STREAM 2E2  | 0.78                    | 1,169             | 585                | 2,331              |
| STREAM 2E2  | 1                       | 1,366             | 685                | 2,726              |
| STREAM 2E2  | 1.12                    | 1,419             | 711                | 2,832              |
| STREAM 2E3  | 0.62                    | 959               | 481                | 1,914              |
| STREAM 2E3  | 0.89                    | 1,291             | 647                | 2,575              |
| STREAM 2E3  | 1.4                     | 1,772             | 888                | 3,535              |
| STREAM 2E4  | 0.17                    | 303               | 152                | 604                |
| STREAM 2E4  | 0.43                    | 653               | 327                | 1,303              |
| STREAM 2E5  | 0.11                    | 216               | 108                | 431                |
| STREAM 2E6  | 0.3                     | 532               | 266                | 1,061              |
| STREAM 2E7  | 0.27                    | 432               | 217                | 863                |
| STREAM 2E8  | 0.52                    | 904               | 453                | 1,803              |
| STREAM 2E8  | 1.17                    | 1,469             | 736                | 2,931              |
| STREAM 2E8  | 1.49                    | 1,775             | 889                | 3,541              |
| STREAM 2E9  | 0.24                    | 505               | 253                | 1,007              |
| STREAM 2E9  | 0.59                    | 1,010             | 506                | 2,014              |
| STREAM 2F1  | 0.23                    | 567               | 284                | 1,131              |
| STREAM 2G2  | 0.37                    | 823               | 412                | 1,642              |
| STREAM 2G3  | 0.28                    | 640               | 321                | 1,277              |
| STREAM 2G5  | 0.53                    | 1,037             | 520                | 2,069              |
| STREAM 2G5  | 0.55                    | 1,042             | 522                | 2,080              |
| STREAM 2H3  | 0.32                    | 729               | 365                | 1,455              |
| STREAM 2I1  | 0.06                    | 131               | 66                 | 262                |

| Stream Name                 | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|-----------------------------|-------------------------|-------------------|--------------------|--------------------|
|                             |                         | (cfs)             | (cfs)              | (cfs)              |
| STREAM 2I11                 | 1                       | 1,479             | 741                | 2,951              |
| STREAM 2I12                 | 0.51                    | 1,101             | 551                | 2,196              |
| STREAM 2I12                 | 0.65                    | 1,324             | 663                | 2,641              |
| STREAM 2I2                  | 0.93                    | 1,153             | 578                | 2,300              |
| STREAM 2I2                  | 1.29                    | 1,639             | 821                | 3,270              |
| STREAM 2I3                  | 1.03                    | 1,687             | 845                | 3,365              |
| STREAM 2I4                  | 0.76                    | 1,359             | 681                | 2,711              |
| STREAM 2I4                  | 1.27                    | 1,890             | 947                | 3,770              |
| STREAM 2I5                  | 0.44                    | 769               | 385                | 1,534              |
| STREAM 2I5.5                | 0.51                    | 809               | 406                | 1,615              |
| STREAM 2I5.5                | 0.74                    | 1,158             | 580                | 2,310              |
| STREAM 2I6                  | 0.58                    | 1,068             | 535                | 2,132              |
| STREAM 2I6                  | 0.58                    | 1,038             | 520                | 2,071              |
| STREAM 2I7                  | 0.41                    | 702               | 352                | 1,401              |
| STREAM 2I8                  | 0.28                    | 452               | 227                | 902                |
| STREAM 2L1                  | 0.62                    | 901               | 451                | 1,797              |
| STREAM 2L1                  | 0.68                    | 1,098             | 550                | 2,190              |
| STREAM NO. 3                | 0.55                    | 1,027             | 515                | 2,049              |
| STREAM NO. 3                | 1.19                    | 1,531             | 767                | 3,054              |
| STREAM NO. 4                | 0.13                    | 363               | 182                | 723                |
| STREAM NO. 4                | 1.19                    | 1,997             | 1,000              | 3,984              |
| STREAM NO. 4                | 4.15                    | 3,696             | 1,852              | 7,373              |
| STREAM NO. 5                | 0.5                     | 1,023             | 513                | 2,041              |
| STREAM NO. 5                | 0.76                    | 1,385             | 694                | 2,763              |
| STREAM NO. 5                | 1.71                    | 2,631             | 1,318              | 5,249              |
| STREAM NO. 5                | 2.8                     | 3,262             | 1,634              | 6,507              |
| THOMPSON BR TR 3            | 0.03                    | 82                | 41                 | 163                |
| THOMPSON BRANCH             | 0.44                    | 792               | 397                | 1,579              |
| THOMPSON BRANCH             | 0.87                    | 1,370             | 687                | 2,734              |
| THOMPSON BRANCH             | 1.23                    | 1,873             | 938                | 3,736              |
| THOMPSON BRANCH TRIBUTARY 2 | 0.29                    | 580               | 291                | 1,157              |
| THOMPSON BRANCH TRIBUTARY 2 | 0.39                    | 764               | 383                | 1,523              |
| THOMPSON BRANCH TRIBUTARY 3 | 0.03                    | 87                | 43                 | 173                |
| THOMPSON BRANCH TRIBUTARY 4 | 0.1                     | 216               | 108                | 432                |
| TOYAH CREEK                 | 1.04                    | 1,380             | 691                | 2,753              |
| TOYAH CREEK                 | 1.79                    | 2,073             | 1,039              | 4,136              |
| TOYAH CREEK                 | 2.22                    | 2,509             | 1,257              | 5,005              |
| TR 17 TO LAKE RAY HUBBARD   | 0.19                    | 579               | 290                | 1,156              |



| Stream Name                                    | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|------------------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                                |                         | (cfs)             | (cfs)              | (cfs)              |
| TR 17 TO LAKE RAY HUBBARD                      | 0.4                     | 795               | 399                | 1,123              |
| TURNER BRANCH                                  | 0.51                    | 971               | 486                | 1,936              |
| TURNER BRANCH                                  | 0.81                    | 1,434             | 718                | 2,861              |
| TURNER BRANCH                                  | 1.89                    | 2,696             | 1,350              | 5,378              |
| TURNER BRANCH TRIBUTARY 1                      | 0.52                    | 869               | 435                | 1,734              |
| TURNER BRANCH TRIBUTARY 1                      | 0.81                    | 1,307             | 655                | 2,606              |
| UNNAMED TRIBUTARY 10                           | 0.64                    | 1,210             | 606                | 2,413              |
| UNNAMED TRIBUTARY 10                           | 1.16                    | 1,476             | 740                | 2,945              |
| UNNAMED TRIBUTARY 10                           | 1.37                    | 1,560             | 782                | 3,112              |
| UNNAMED TRIBUTARY TO MAXWELL CREEK             | 0.78                    | 1,259             | 631                | 2,511              |
| UNNAMED TRIBUTARY TO MAXWELL CREEK             | 1.26                    | 1,857             | 931                | 3,706              |
| UNNAMED TRIBUTARY TO MUDDY CREEK               | 0.56                    | 970               | 486                | 1,935              |
| UNNAMED TRIBUTARY TO MUDDY CREEK               | 0.91                    | 1,382             | 692                | 2,757              |
| UNNAMED TRIBUTARY TO MUDDY CREEK               | 1.11                    | 1,651             | 827                | 3,293              |
| UNNAMED TRIBUTARY TO ROWLETT CREEK             | 0.51                    | 784               | 393                | 1,565              |
| UNNAMED TRIBUTARY TO ROWLETT CREEK             | 0.98                    | 1,653             | 828                | 3,297              |
| UNNAMED TRIBUTARY TO ROWLETT CREEK TRIBUTARY 3 | 0.52                    | 1,560             | 781                | 3,112              |
| UNNAMED TRIBUTARY TO ROWLETT CREEK TRIBUTARY 3 | 0.57                    | 1,547             | 775                | 3,085              |
| UNT 21 IN EFT                                  | 0.18                    | 509               | 255                | 1,016              |
| UNT 26 IN EFT                                  | 0.6                     | 1,076             | 539                | 2,148              |
| UNT 27 IN EFT                                  | 0.3                     | 591               | 296                | 1,179              |
| UNT 28 IN EFT                                  | 0.21                    | 415               | 208                | 829                |
| UNT 31 IN EFT                                  | 0.04                    | 131               | 66                 | 261                |
| UNT 32 IN EFT                                  | 0.04                    | 116               | 58                 | 232                |
| UNT 33 IN EFT                                  | 0.18                    | 324               | 163                | 647                |
| UNT 41 IN EFT                                  | 0.29                    | 580               | 291                | 1,158              |
| UNT 42 IN EFT                                  | 0.01                    | 26                | 13                 | 51                 |
| UNT 43 IN EFT                                  | 0.01                    | 39                | 20                 | 78                 |
| UNT 47 IN EFT                                  | 0.07                    | 207               | 104                | 413                |
| UNT 48 IN EFT                                  | 0.2                     | 462               | 232                | 922                |
| UNT 55 IN EFT                                  | 0.16                    | 387               | 194                | 772                |
| UNT 56 IN EFT                                  | 0.36                    | 732               | 367                | 1,460              |
| UNT 57 IN EFT                                  | 0.21                    | 427               | 214                | 853                |
| UNT 59 IN EFT                                  | 0.14                    | 364               | 182                | 726                |
| UNT 60 IN EFT                                  | 0.06                    | 167               | 84                 | 333                |
| UNT 67 IN EFT                                  | 0.02                    | 64                | 32                 | 127                |
| UNT 68 IN EFT                                  | 0.26                    | 499               | 250                | 995                |

| Stream Name                            | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|----------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                        |                         | (cfs)             | (cfs)              | (cfs)              |
| UNT 70 IN EFT                          | 0.03                    | 102               | 51                 | 203                |
| UNT 87 IN EFT                          | 0.11                    | 201               | 101                | 401                |
| UNT 88 IN EFT                          | 0.08                    | 222               | 111                | 443                |
| UNT 89 IN EFT                          | 0.02                    | 61                | 30                 | 121                |
| UNT1032 IN EAST FORK TRINITY WATERSHED | 0.11                    | 207               | 104                | 414                |
| UNT1048 IN EAST FORK TRINITY WATERSHED | 0.57                    | 1,022             | 512                | 2,038              |
| UNT1048 IN EAST FORK TRINITY WATERSHED | 0.84                    | 1,392             | 697                | 2,777              |
| UNT1063 IN EAST FORK TRINITY WATERSHED | 0.72                    | 1,290             | 646                | 2,574              |
| UNT1063 IN EAST FORK TRINITY WATERSHED | 1.17                    | 1,984             | 994                | 3,957              |
| UNT1063 IN EAST FORK TRINITY WATERSHED | 1.47                    | 2,095             | 1,049              | 4,179              |
| UNT1063 IN EAST FORK TRINITY WATERSHED | 1.74                    | 2,188             | 1,096              | 4,366              |
| UNT1094 IN EAST FORK TRINITY WATERSHED | 0.93                    | 1,526             | 764                | 3,043              |
| UNT1098 IN EAST FORK TRINITY WATERSHED | 0.14                    | 315               | 158                | 628                |
| UNT1112 IN EAST FORK TRINITY WATERSHED | 0.07                    | 166               | 83                 | 332                |
| UNT1112 IN EAST FORK TRINITY WATERSHED | 0.19                    | 583               | 292                | 1,164              |
| UNT1112 IN EAST FORK TRINITY WATERSHED | 1.1                     | 1,469             | 736                | 2,930              |
| UNT1138 IN EAST FORK TRINITY WATERSHED | 8                       | 5,620             | 2,816              | 11,212             |
| UNT1139 IN EAST FORK TRINITY WATERSHED | 0.43                    | 676               | 339                | 1,349              |
| UNT1141 IN EAST FORK TRINITY WATERSHED | 0.54                    | 1,088             | 545                | 2,171              |
| UNT1141 IN EAST FORK TRINITY WATERSHED | 1.46                    | 1,732             | 868                | 3,455              |
| UNT12 IN EAST FORK TRINITY WATERSHED   | 1.22                    | 2,085             | 1,044              | 4,159              |
| UNT12 IN EAST FORK TRINITY WATERSHED   | 1.47                    | 2,047             | 1,025              | 4,083              |
| UNT12 IN EAST FORK TRINITY WATERSHED   | 1.9                     | 2,540             | 1,273              | 5,067              |
| UNT1232 IN EAST FORK TRINITY WATERSHED | 0.27                    | 533               | 267                | 1,062              |
| UNT1234 IN EAST FORK TRINITY WATERSHED | 0.42                    | 833               | 417                | 1,662              |
| UNT1238 IN EAST FORK TRINITY WATERSHED | 0.71                    | 1,005             | 503                | 2,005              |
| UNT1250 IN EAST FORK TRINITY WATERSHED | 0.27                    | 609               | 305                | 1,214              |
| UNT1252 IN EAST FORK TRINITY WATERSHED | 0.43                    | 888               | 445                | 1,772              |
| UNT1254 IN EAST FORK TRINITY WATERSHED | 0.34                    | 720               | 361                | 1,437              |
| UNT1256 IN EAST FORK TRINITY WATERSHED | 0.23                    | 489               | 245                | 975                |
| UNT1260 IN EAST FORK TRINITY WATERSHED | 0.17                    | 450               | 225                | 897                |
| UNT1263 IN EAST FORK TRINITY WATERSHED | 0.31                    | 558               | 280                | 1,113              |
| UNT1265 IN EAST FORK TRINITY WATERSHED | 0.17                    | 367               | 184                | 733                |
| UNT1267 IN EAST FORK TRINITY WATERSHED | 0.27                    | 597               | 299                | 1,191              |
| UNT1269 IN EAST FORK TRINITY WATERSHED | 0.19                    | 402               | 202                | 803                |
| UNT1271 IN EAST FORK TRINITY WATERSHED | 0.06                    | 162               | 81                 | 322                |
| UNT1273 IN EAST FORK TRINITY WATERSHED | 0.1                     | 214               | 107                | 427                |
| UNT1275 IN EAST FORK TRINITY WATERSHED | 0.12                    | 222               | 111                | 442                |

| Stream Name                             | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|-----------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                         |                         | (cfs)             | (cfs)              | (cfs)              |
| UNT1277 IN EAST FORK TRINITY WATERSHED  | 0.14                    | 281               | 141                | 560                |
| UNT1279 IN EAST FORK TRINITY WATERSHED  | 0.11                    | 247               | 124                | 493                |
| UNT1281 IN EAST FORK TRINITY WATERSHED  | 0.08                    | 232               | 116                | 463                |
| UNT1283 IN EAST FORK TRINITY WATERSHED  | 0.38                    | 735               | 368                | 1,466              |
| UNT1288 IN EAST FORK TRINITY WATERSHED  | 0.03                    | 82                | 41                 | 164                |
| UNT1290 IN EAST FORK TRINITY WATERSHED  | 0.09                    | 216               | 108                | 430                |
| UNT1292 IN EAST FORK TRINITY WATERSHED  | 0.21                    | 440               | 220                | 877                |
| UNT1296 IN EAST FORK TRINITY WATERSHED  | 0.19                    | 411               | 206                | 821                |
| UNT1304 IN EAST FORK TRINITY WATERSHED  | 0.4                     | 947               | 474                | 1,888              |
| UNT1304 IN EAST FORK TRINITY WATERSHED  | 0.51                    | 995               | 498                | 1,985              |
| UNT1306 IN EAST FORK TRINITY WATERSHED  | 0.32                    | 551               | 276                | 1,099              |
| UNT1308 IN EAST FORK TRINITY WATERSHED  | 0.27                    | 517               | 259                | 1,031              |
| UNT1312 IN EAST FORK TRINITY WATERSHED  | 0.25                    | 447               | 224                | 891                |
| UNT1332 IN EAST FORK TRINITY WATERSHED  | 0.06                    | 187               | 94                 | 373                |
| UNT1334 IN EAST FORK TRINITY WATERSHED  | 0.06                    | 202               | 101                | 402                |
| UNT1338 IN EAST FORK TRINITY WATERSHED  | 0.09                    | 189               | 95                 | 378                |
| UNT1342 IN EAST FORK TRINITY WATERSHED  | 0.25                    | 418               | 210                | 835                |
| UNT1344 IN EAST FORK TRINITY WATERSHED  | 0.45                    | 715               | 358                | 1,427              |
| UNT1351 IN EAST FORK TRINITY WATERSHED  | 0.51                    | 588               | 295                | 1,173              |
| UNT1422 IN EAST FORK TRINITY WATERSHED  | 0.21                    | 377               | 189                | 753                |
| UNT1424 IN EAST FORK TRINITY WATERSHED  | 0.19                    | 449               | 225                | 895                |
| UNT1427 IN EAST FORK TRINITY WATERSHED  | 0.34                    | 537               | 269                | 1,071              |
| UNT1427 IN EAST FORK TRINITY WATERSHED  | 1.02                    | 1,073             | 537                | 2,140              |
| UNT1429 IN EAST FORK TRINITY WATERSHED  | 0.49                    | 802               | 402                | 1,601              |
| UNT1431 IN EAST FORK TRINITY WATERSHED  | 0.29                    | 520               | 261                | 1,038              |
| UNT1435 IN EAST FORK TRINITY WATERSHED  | 0.13                    | 358               | 180                | 715                |
| UNT1437 IN EAST FORK TRINITY WATERSHED  | 0.21                    | 542               | 272                | 1,081              |
| UNT1439 IN EAST FORK TRINITY WATERSHED  | 0.22                    | 493               | 247                | 984                |
| UNT1441 IN EAST FORK TRINITY WATERSHED  | 0.62                    | 1,425             | 714                | 2,844              |
| UNT1443 IN EAST FORK TRINITY WATERSHED  | 0.32                    | 568               | 285                | 1,134              |
| UNT1445 IN EAST FORK TRINITY WATERSHED  | 0.12                    | 282               | 141                | 563                |
| UNT14470 IN EAST FORK TRINITY WATERSHED | 0.05                    | 129               | 64                 | 257                |
| UNT29 IN EAST FORK TRINITY WATERSHED    | 0.97                    | 1,474             | 738                | 2,940              |
| UNT389 IN EAST FORK TRINITY WATERSHED   | 0.77                    | 1,144             | 573                | 2,283              |
| UNT389 IN EAST FORK TRINITY WATERSHED   | 1.25                    | 1,802             | 903                | 3,595              |
| UNT389 IN EAST FORK TRINITY WATERSHED   | 1.73                    | 2,212             | 1,108              | 4,413              |
| UNT389 IN EAST FORK TRINITY WATERSHED   | 1.89                    | 2,334             | 1,169              | 4,657              |
| UNT409 IN EAST FORK TRINITY WATERSHED   | 0.72                    | 1,289             | 646                | 2,571              |

| Stream Name                                          | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|------------------------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                                      |                         | (cfs)             | (cfs)              | (cfs)              |
| UNT438 IN EAST FORK TRINITY WATERSHED                | 1                       | 1,571             | 787                | 3,135              |
| UNT438 IN EAST FORK TRINITY WATERSHED                | 1.01                    | 1,622             | 813                | 3,236              |
| UNT444 IN EAST FORK TRINITY WATERSHED                | 1                       | 1,426             | 714                | 2,844              |
| UNT444 IN EAST FORK TRINITY WATERSHED                | 1.28                    | 1,690             | 847                | 3,371              |
| UNT451 IN EAST FORK TRINITY WATERSHED                | 1.73                    | 2,380             | 1,192              | 4,748              |
| UNT451 IN EAST FORK TRINITY WATERSHED                | 2.21                    | 2,569             | 1,287              | 5,125              |
| UNT481 IN EAST FORK TRINITY WATERSHED                | 0.5                     | 1,116             | 559                | 2,226              |
| UNT481 IN EAST FORK TRINITY WATERSHED                | 0.73                    | 1,543             | 773                | 3,078              |
| UNT481 IN EAST FORK TRINITY WATERSHED                | 1.17                    | 2,447             | 1,226              | 4,881              |
| UNT481 IN EAST FORK TRINITY WATERSHED                | 1.6                     | 2,883             | 1,444              | 5,751              |
| UNT481 IN EAST FORK TRINITY WATERSHED                | 2.09                    | 3,542             | 1,774              | 7,066              |
| UNT481 IN EAST FORK TRINITY WATERSHED                | 2.4                     | 3,877             | 1,943              | 7,735              |
| UNT481 IN EAST FORK TRINITY WATERSHED                | 2.89                    | 4,527             | 2,268              | 9,031              |
| UNT481 IN EAST FORK TRINITY WATERSHED                | 3.24                    | 4,921             | 2,466              | 9,818              |
| UNT481 IN EAST FORK TRINITY WATERSHED                | 3.73                    | 5,264             | 2,637              | 10,502             |
| UNT481 IN EAST FORK TRINITY WATERSHED                | 4.14                    | 5,673             | 2,842              | 11,317             |
| UNT580 IN EAST FORK TRINITY WATERSHED                | 1.51                    | 1,584             | 794                | 3,161              |
| UNT583 IN EAST FORK TRINITY WATERSHED                | 0.41                    | 706               | 354                | 1,409              |
| UNT585 IN EAST FORK TRINITY WATERSHED                | 0.48                    | 899               | 450                | 1,793              |
| UNT585 IN EAST FORK TRINITY WATERSHED                | 0.51                    | 857               | 429                | 1,709              |
| UNT594 IN EAST FORK TRINITY WATERSHED                | 0.47                    | 927               | 465                | 1,850              |
| UNT633 IN EAST FORK TRINITY WATERSHED                | 0.23                    | 521               | 261                | 1,039              |
| UNT637 IN EAST FORK TRINITY WATERSHED                | 0.48                    | 1,112             | 557                | 2,217              |
| UNT639 IN EAST FORK TRINITY WATERSHED                | 0.5                     | 918               | 460                | 1,832              |
| UNT639 IN EAST FORK TRINITY WATERSHED                | 0.68                    | 1,236             | 619                | 2,465              |
| UNT641 IN EAST FORK TRINITY WATERSHED                | 0.05                    | 153               | 77                 | 305                |
| UNT645 IN EAST FORK TRINITY WATERSHED                | 0.15                    | 372               | 186                | 742                |
| UNT656 IN EAST FORK TRINITY WATERSHED                | 1                       | 1,287             | 645                | 2,567              |
| UNT656 IN EAST FORK TRINITY WATERSHED                | 1.46                    | 1,966             | 985                | 3,923              |
| UNT656 IN EAST FORK TRINITY WATERSHED                | 1.54                    | 2,158             | 1,081              | 4,304              |
| UNT656 IN EAST FORK TRINITY WATERSHED                | 2.52                    | 3,226             | 1,616              | 6,436              |
| UNT656 IN EAST FORK TRINITY WATERSHED                | 2.9                     | 3,935             | 1,972              | 7,851              |
| UNT656 IN EAST FORK TRINITY WATERSHED                | 2.97                    | 3,848             | 1,928              | 7,677              |
| UNT656 IN EAST FORK TRINITY WATERSHED<br>TRIBUTARY 1 | 0.24                    | 636               | 319                | 1,268              |
| UNT656 IN EAST FORK TRINITY WATERSHED<br>TRIBUTARY 2 | 0.61                    | 1,099             | 551                | 2,192              |
| UNT656 IN EAST FORK TRINITY WATERSHED<br>TRIBUTARY 2 | 0.85                    | 1,557             | 780                | 3,106              |

| Stream Name                           | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|---------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                       |                         | (cfs)             | (cfs)              | (cfs)              |
| UNT665 IN EAST FORK TRINITY WATERSHED | 0.59                    | 1,136             | 569                | 2,266              |
| UNT665 IN EAST FORK TRINITY WATERSHED | 0.9                     | 1,700             | 852                | 3,392              |
| UNT673 IN EAST FORK TRINITY WATERSHED | 0.87                    | 1,591             | 797                | 3,175              |
| UNT822 IN EAST FORK TRINITY WATERSHED | 0.42                    | 846               | 424                | 1,687              |
| UNT824 IN EAST FORK TRINITY WATERSHED | 0.57                    | 1,121             | 562                | 2,237              |
| UNT826 IN EAST FORK TRINITY WATERSHED | 0.28                    | 602               | 302                | 1,201              |
| UNT836 IN EAST FORK TRINITY WATERSHED | 0.61                    | 1,025             | 513                | 2,044              |
| UNT836 IN EAST FORK TRINITY WATERSHED | 0.68                    | 1,209             | 606                | 2,412              |
| UNT845 IN EAST FORK TRINITY WATERSHED | 0.43                    | 846               | 424                | 1,689              |
| UNT866 IN EAST FORK TRINITY WATERSHED | 0.83                    | 913               | 457                | 1,821              |
| WATTERS BRANCH                        | 0.56                    | 818               | 410                | 1,633              |
| WATTERS BRANCH                        | 1.06                    | 1,349             | 676                | 2,692              |
| WATTERS BRANCH                        | 1.49                    | 1,886             | 945                | 3,763              |
| WATTERS BRANCH                        | 1.82                    | 2,495             | 1,250              | 4,978              |
| WATTERS BRANCH                        | 2.31                    | 2,901             | 1,453              | 5,787              |
| WATTERS BRANCH                        | 2.51                    | 3,161             | 1,584              | 6,306              |
| WATTERS BRANCH                        | 2.81                    | 3,187             | 1,597              | 6,358              |
| WATTERS BRANCH                        | 3.1                     | 3,849             | 1,928              | 7,679              |
| WATTERS BRANCH                        | 3.32                    | 4,068             | 2,038              | 8,115              |
| WATTERS BRANCH                        | 3.77                    | 4,369             | 2,189              | 8,716              |
| WATTERS BRANCH                        | 4.25                    | 4,835             | 2,422              | 9,645              |
| WATTERS BRANCH                        | 4.69                    | 5,240             | 2,625              | 10,455             |
| WATTERS BRANCH                        | 5.19                    | 5,761             | 2,886              | 11,493             |
| WATTERS BRANCH                        | 5.21                    | 5,508             | 2,760              | 10,989             |
| WATTERS BRANCH TRIBUTARY 1            | 0.35                    | 782               | 392                | 1,560              |
| WATTERS BRANCH TRIBUTARY 3            | 0.29                    | 570               | 286                | 1,137              |
| WEST ROWLETT CREEK                    | 0.51                    | 965               | 483                | 1,925              |
| WEST ROWLETT CREEK                    | 0.69                    | 1,287             | 645                | 2,568              |
| WEST ROWLETT CREEK                    | 1.13                    | 1,982             | 993                | 3,953              |
| WEST ROWLETT CREEK                    | 1.43                    | 2,434             | 1,219              | 4,856              |
| WEST ROWLETT CREEK                    | 2.56                    | 3,636             | 1,822              | 7,253              |
| WEST ROWLETT CREEK                    | 2.99                    | 4,051             | 2,030              | 8,082              |
| WEST ROWLETT CREEK                    | 4.03                    | 5,307             | 2,659              | 10,586             |
| WEST ROWLETT CREEK                    | 5.04                    | 6,332             | 3,172              | 12,632             |
| WEST ROWLETT CREEK                    | 5.53                    | 6,950             | 3,482              | 13,865             |
| WEST ROWLETT CREEK                    | 5.95                    | 7,082             | 3,548              | 14,129             |
| WEST ROWLETT CREEK                    | 7.17                    | 8,135             | 4,075              | 16,229             |
| WEST ROWLETT CREEK                    | 7.22                    | 7,980             | 3,998              | 15,921             |

| Stream Name                                 | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|---------------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                             |                         | (cfs)             | (cfs)              | (cfs)              |
| WEST ROWLETT CREEK                          | 11.14                   | 11,107            | 5,565              | 22,158             |
| WEST ROWLETT CREEK                          | 11.25                   | 11,268            | 5,645              | 22,480             |
| WEST ROWLETT CREEK TRIBUTARY 1              | 0.5                     | 1,031             | 517                | 2,057              |
| WEST ROWLETT CREEK TRIBUTARY 1              | 0.6                     | 1,224             | 613                | 2,442              |
| WEST ROWLETT CREEK TRIBUTARY 1              | 2.18                    | 3,883             | 1,945              | 7,747              |
| WEST ROWLETT CREEK TRIBUTARY 1              | 3.18                    | 5,309             | 2,660              | 10,590             |
| WEST ROWLETT CREEK TRIBUTARY 1              | 3.41                    | 5,169             | 2,590              | 10,313             |
| WEST ROWLETT CREEK TRIBUTARY 1-1            | 0.5                     | 1,242             | 622                | 2,477              |
| WEST ROWLETT CREEK TRIBUTARY 1-1            | 0.51                    | 1,239             | 621                | 2,471              |
| WEST ROWLETT CREEK TRIBUTARY 1-2            | 0.51                    | 1,066             | 534                | 2,126              |
| WEST ROWLETT CREEK TRIBUTARY 1-2            | 0.73                    | 1,546             | 774                | 3,083              |
| WEST ROWLETT CREEK TRIBUTARY 1-2            | 1.37                    | 2,689             | 1,347              | 5,365              |
| WEST ROWLETT CREEK TRIBUTARY 2              | 0.5                     | 920               | 461                | 1,836              |
| WEST ROWLETT CREEK TRIBUTARY 2              | 0.72                    | 1,350             | 676                | 2,693              |
| WEST ROWLETT CREEK TRIBUTARY 3              | 0.53                    | 1,054             | 528                | 2,102              |
| WEST ROWLETT CREEK TRIBUTARY 3              | 0.55                    | 1,210             | 606                | 2,414              |
| YANKEE CREEK TRIBUTARY 1                    | 0.37                    | 690               | 345                | 1,376              |
| YANKEE CREEK TRIBUTARY 1                    | 0.5                     | 884               | 443                | 1,763              |
| YANKEE CREEK TRIBUTARY 1                    | 1.28                    | 1,739             | 871                | 3,470              |
| YANKEE CREEK TRIBUTARY 1                    | 2.09                    | 1,911             | 958                | 3,813              |
| YANKEE CREEK TRIBUTARY 2                    | 0.38                    | 735               | 368                | 1,467              |
| <b>EAST FORK TRINITY RIVER – LEVON LAKE</b> |                         |                   |                    |                    |
| BEAR BRANCH                                 | 0.62                    | 1,546             | 774                | 3,084              |
| BEAR BRANCH                                 | 0.7                     | 1,542             | 773                | 3,076              |
| BEAR BRANCH                                 | 1.19                    | 2,393             | 1,199              | 4,774              |
| BEAR BRANCH                                 | 1.68                    | 2,697             | 1,351              | 5,380              |
| BEAR BRANCH                                 | 1.8                     | 2,868             | 1,437              | 5,722              |
| BIG BRANCH                                  | 1.18                    | 2,110             | 1,057              | 4,209              |
| BIG BRANCH                                  | 2.48                    | 3,968             | 1,988              | 7,915              |
| BIG BRANCH                                  | 2.85                    | 4,006             | 2,007              | 7,991              |
| BIG BRANCH                                  | 4.03                    | 4,972             | 2,491              | 9,918              |
| BIG BRANCH                                  | 4.52                    | 5,533             | 2,772              | 11,038             |
| BIG BRANCH                                  | 4.66                    | 5,554             | 2,782              | 11,080             |
| BIG BRANCH                                  | 1.45                    | 2,557             | 1,281              | 5,100              |
| CEDAR CREEK WEST                            | 0.54                    | 915               | 458                | 1,825              |
| CEDAR CREEK WEST                            | 0.89                    | 1,665             | 834                | 3,322              |
| CEDAR CREEK WEST                            | 1.41                    | 2,398             | 1,201              | 4,784              |
| CLEMONS CREEK                               | 0.65                    | 1,059             | 530                | 2,112              |

| Stream Name                          | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|--------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                      |                         | (cfs)             | (cfs)              | (cfs)              |
| CLEMONS CREEK                        | 1.13                    | 1,685             | 844                | 3,361              |
| CLEMONS CREEK                        | 1.62                    | 2,219             | 1,112              | 4,428              |
| CLEMONS CREEK                        | 2.03                    | 2,911             | 1,458              | 5,807              |
| CLEMONS CREEK                        | 2.52                    | 3,185             | 1,596              | 6,355              |
| CLEMONS CREEK                        | 2.71                    | 3,708             | 1,858              | 7,398              |
| CLEMONS CREEK                        | 3.5                     | 4,659             | 2,334              | 9,294              |
| CLEMONS CREEK                        | 3.97                    | 5,102             | 2,556              | 10,179             |
| CLEMONS CREEK                        | 4.3                     | 5,549             | 2,780              | 11,070             |
| CLEMONS CREEK                        | 4.73                    | 5,632             | 2,822              | 11,235             |
| CLEMONS CREEK                        | 5.65                    | 6,705             | 3,359              | 13,377             |
| CLEMONS CREEK                        | 6.1                     | 6,958             | 3,486              | 13,881             |
| CLEMONS CREEK                        | 6.56                    | 7,023             | 3,518              | 14,010             |
| CLEMONS CREEK                        | 8.65                    | 8,781             | 4,399              | 17,518             |
| CLEMONS CREEK                        | 10.56                   | 9,665             | 4,842              | 19,282             |
| CLEMONS CREEK                        | 11.64                   | 9,754             | 4,887              | 19,460             |
| CLEMONS CREEK                        | 12.02                   | 10,026            | 5,023              | 20,002             |
| CLEMONS CREEK                        | 14.42                   | 11,557            | 5,790              | 23,056             |
| CLEMONS CREEK                        | 0.87                    | 1,298             | 650                | 2,589              |
| CLEMONS CREEK                        | 5.16                    | 6,389             | 3,201              | 12,747             |
| CLEMONS CREEK                        | 12.65                   | 10,322            | 5,171              | 20,592             |
| CLEMONS CREEK TRIBUTARY 1            | 1.15                    | 2,534             | 1,270              | 5,056              |
| CLEMONS CREEK TRIBUTARY 1            | 1.6                     | 3,209             | 1,607              | 6,401              |
| CLEMONS CREEK TRIBUTARY 1            | 2.01                    | 3,303             | 1,655              | 6,589              |
| COMEGYS CREEK                        | 0.45                    | 1,078             | 540                | 2,151              |
| COMEGYS CREEK                        | 1.57                    | 3,001             | 1,503              | 5,986              |
| COMEGYS CREEK                        | 1.8                     | 3,103             | 1,555              | 6,191              |
| COMEGYS CREEK                        | 1.86                    | 3,133             | 1,570              | 6,250              |
| COMEGYS CREEK                        | 1.22                    | 2,565             | 1,285              | 5,117              |
| COMEGYS CREEK                        | 3.15                    | 4,887             | 2,448              | 9,749              |
| COMEGYS CREEK TRIBUTARY 1            | 0.9                     | 1,894             | 949                | 3,778              |
| EAST FORK TRINITY RIVER TRIBUTARY 10 | 1.21                    | 1,845             | 924                | 3,681              |
| EAST FORK TRINITY RIVER TRIBUTARY 10 | 1.58                    | 2,646             | 1,326              | 5,279              |
| EAST FORK TRINITY RIVER TRIBUTARY 10 | 2.33                    | 3,129             | 1,567              | 6,242              |
| EAST FORK TRINITY RIVER TRIBUTARY 11 | 0.61                    | 1,083             | 543                | 2,160              |
| EAST FORK TRINITY RIVER TRIBUTARY 11 | 0.88                    | 1,685             | 844                | 3,361              |
| EAST FORK TRINITY RIVER TRIBUTARY 11 | 1.18                    | 2,244             | 1,124              | 4,478              |
| EAST FORK TRINITY RIVER TRIBUTARY 13 | 0.53                    | 1,009             | 505                | 2,012              |
| EAST FORK TRINITY RIVER TRIBUTARY 13 | 1.02                    | 1,997             | 1,000              | 3,984              |



| Stream Name                           | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|---------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                       |                         | (cfs)             | (cfs)              | (cfs)              |
| EAST FORK TRINITY RIVER TRIBUTARY 13  | 1.52                    | 2,712             | 1,359              | 5,410              |
| EAST FORK TRINITY RIVER TRIBUTARY 13  | 1.63                    | 2,843             | 1,425              | 5,673              |
| EAST FORK TRINITY RIVER TRIBUTARY 17  | 0.55                    | 1,418             | 710                | 2,829              |
| EAST FORK TRINITY RIVER TRIBUTARY 17  | 0.66                    | 1,494             | 748                | 2,981              |
| EAST FORK TRINITY RIVER TRIBUTARY 17  | 1.48                    | 2,678             | 1,341              | 5,342              |
| EAST FORK TRINITY RIVER TRIBUTARY 17  | 2.05                    | 3,583             | 1,795              | 7,147              |
| EAST FORK TRINITY RIVER TRIBUTARY 18  | 0.63                    | 1,558             | 780                | 3,108              |
| EAST FORK TRINITY RIVER TRIBUTARY 18  | 1.1                     | 2,429             | 1,217              | 4,846              |
| EAST FORK TRINITY RIVER TRIBUTARY 19  | 0.6                     | 1,407             | 705                | 2,808              |
| EAST FORK TRINITY RIVER TRIBUTARY 19  | 1.04                    | 2,238             | 1,121              | 4,464              |
| EAST FORK TRINITY RIVER TRIBUTARY 2   | 0.51                    | 1,035             | 518                | 2,065              |
| EAST FORK TRINITY RIVER TRIBUTARY 2   | 0.62                    | 1,231             | 617                | 2,457              |
| EAST FORK TRINITY RIVER TRIBUTARY 2   | 1.57                    | 2,671             | 1,338              | 5,328              |
| EAST FORK TRINITY RIVER TRIBUTARY 2.1 | 0.5                     | 1,001             | 502                | 1,997              |
| EAST FORK TRINITY RIVER TRIBUTARY 2.1 | 0.5                     | 981               | 491                | 1,956              |
| EAST FORK TRINITY RIVER TRIBUTARY 3   | 0.6                     | 1,355             | 679                | 2,702              |
| EAST FORK TRINITY RIVER TRIBUTARY 3   | 0.94                    | 1,773             | 888                | 3,538              |
| EAST FORK TRINITY RIVER TRIBUTARY 3   | 1.44                    | 2,610             | 1,308              | 5,207              |
| EAST FORK TRINITY RIVER TRIBUTARY 3   | 1.92                    | 3,041             | 1,523              | 6,067              |
| EAST FORK TRINITY RIVER TRIBUTARY 4   | 0.63                    | 817               | 409                | 1,629              |
| EAST FORK TRINITY RIVER TRIBUTARY 4   | 1.13                    | 1,941             | 972                | 3,871              |
| EAST FORK TRINITY RIVER TRIBUTARY 4   | 1.41                    | 2,285             | 1,145              | 4,559              |
| EAST FORK TRINITY RIVER TRIBUTARY 5   | 1.08                    | 2,441             | 1,223              | 4,870              |
| EAST FORK TRINITY RIVER TRIBUTARY 5   | 3.59                    | 4,136             | 2,072              | 8,252              |
| EAST FORK TRINITY RIVER TRIBUTARY 6   | 0.54                    | 908               | 455                | 1,810              |
| EAST FORK TRINITY RIVER TRIBUTARY 6   | 1                       | 1,785             | 894                | 3,562              |
| EAST FORK TRINITY RIVER TRIBUTARY 7   | 1.03                    | 1,657             | 830                | 3,305              |
| EAST FORK TRINITY RIVER TRIBUTARY 7   | 1.53                    | 2,096             | 1,050              | 4,181              |
| EAST FORK TRINITY RIVER TRIBUTARY 7   | 1.96                    | 2,674             | 1,339              | 5,334              |
| EAST FORK TRINITY RIVER TRIBUTARY 7   | 2.39                    | 3,107             | 1,557              | 6,199              |
| EAST FORK TRINITY RIVER TRIBUTARY 7   | 3.18                    | 3,800             | 1,904              | 7,581              |
| EAST FORK TRINITY RIVER TRIBUTARY 7   | 2.61                    | 3,260             | 1,633              | 6,504              |
| EAST FORK TRINITY RIVER TRIBUTARY A   | 1.15                    | 970               | 486                | 1,934              |
| EAST FORK TRINITY RIVER TRIBUTARY A   | 1.61                    | 1,652             | 828                | 3,296              |
| EAST FORK TRINITY RIVER TRIBUTARY A   | 2.87                    | 2,701             | 1,353              | 5,389              |
| EAST FORK TRINITY RIVER TRIBUTARY A   | 3.33                    | 2,786             | 1,396              | 5,557              |
| EAST FORK TRINITY RIVER TRIBUTARY A   | 0.69                    | 709               | 355                | 1,414              |
| EAST PRONG WHITES CREEK               | 1.03                    | 1,854             | 929                | 3,698              |

| Stream Name             | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|-------------------------|-------------------------|-------------------|--------------------|--------------------|
|                         |                         | (cfs)             | (cfs)              | (cfs)              |
| EAST PRONG WHITES CREEK | 1.47                    | 2,360             | 1,182              | 4,708              |
| EAST PRONG WHITES CREEK | 1.69                    | 2,664             | 1,335              | 5,314              |
| EAST PRONG WHITES CREEK | 2.54                    | 3,659             | 1,833              | 7,299              |
| EAST PRONG WHITES CREEK | 3.03                    | 4,227             | 2,118              | 8,432              |
| EAST PRONG WHITES CREEK | 3.14                    | 4,265             | 2,137              | 8,508              |
| EAST PRONG WHITES CREEK | 6.85                    | 7,586             | 3,800              | 15,134             |
| EAST PRONG WHITES CREEK | 8.42                    | 9,593             | 4,806              | 19,138             |
| EAST PRONG WHITES CREEK | 8.77                    | 9,797             | 4,908              | 19,545             |
| EAST PRONG WHITES CREEK | 9.19                    | 9,734             | 4,877              | 19,419             |
| EAST PRONG WHITES CREEK | 9.48                    | 9,762             | 4,891              | 19,475             |
| EAST PRONG WHITES CREEK | 9.62                    | 10,255            | 5,138              | 20,459             |
| EAST PRONG WHITES CREEK | 9.85                    | 10,359            | 5,190              | 20,666             |
| EAST PRONG WHITES CREEK | 10.12                   | 10,471            | 5,246              | 20,889             |
| EAST PRONG WHITES CREEK | 10.62                   | 10,483            | 5,252              | 20,913             |
| EAST PRONG WHITES CREEK | 2.06                    | 3,235             | 1,621              | 6,454              |
| EAST PRONG WHITES CREEK | 3.63                    | 4,683             | 2,346              | 9,342              |
| EAST PRONG WHITES CREEK | 10.82                   | 10,198            | 5,109              | 20,346             |
| FITZHUGH CREEK          | 0.56                    | 985               | 494                | 1,966              |
| FITZHUGH CREEK          | 0.97                    | 1,816             | 910                | 3,623              |
| FITZHUGH CREEK          | 1.47                    | 2,600             | 1,303              | 5,188              |
| FITZHUGH CREEK          | 1.52                    | 2,622             | 1,313              | 5,230              |
| FRANKLIN BRANCH         | 1                       | 1,572             | 788                | 3,137              |
| FRANKLIN BRANCH         | 1.5                     | 2,280             | 1,142              | 4,549              |
| FRANKLIN BRANCH         | 2.37                    | 3,463             | 1,735              | 6,909              |
| FRANKLIN BRANCH         | 2.87                    | 3,765             | 1,886              | 7,511              |
| FRANKLIN BRANCH         | 3.48                    | 4,429             | 2,219              | 8,836              |
| FRANKLIN BRANCH         | 3.95                    | 4,858             | 2,434              | 9,692              |
| FRANKLIN BRANCH         | 0.5                     | 810               | 406                | 1,615              |
| GENTLE CREEK            | 0.55                    | 1,083             | 543                | 2,161              |
| GENTLE CREEK            | 1.03                    | 1,896             | 950                | 3,783              |
| GENTLE CREEK            | 1.59                    | 2,464             | 1,234              | 4,915              |
| GENTLE CREEK            | 1.66                    | 2,779             | 1,392              | 5,544              |
| HERNDON BRANCH          | 0.55                    | 1,483             | 743                | 2,958              |
| HERNDON BRANCH          | 0.74                    | 1,601             | 802                | 3,193              |
| HERNDON BRANCH          | 1.04                    | 2,199             | 1,102              | 4,388              |
| HERNDON BRANCH          | 1.22                    | 2,526             | 1,265              | 5,038              |
| HONEY CREEK             | 0.53                    | 790               | 396                | 1,575              |
| HONEY CREEK             | 0.79                    | 1,164             | 583                | 2,323              |

| Stream Name | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|-------------|-------------------------|-------------------|--------------------|--------------------|
|             |                         | (cfs)             | (cfs)              | (cfs)              |
| HONEY CREEK | 1.27                    | 1,774             | 889                | 3,538              |
| HONEY CREEK | 1.73                    | 2,318             | 1,161              | 4,625              |
| HONEY CREEK | 2.94                    | 3,664             | 1,836              | 7,310              |
| HONEY CREEK | 3.3                     | 3,891             | 1,949              | 7,762              |
| HONEY CREEK | 3.76                    | 4,205             | 2,107              | 8,388              |
| HONEY CREEK | 4.68                    | 5,272             | 2,641              | 10,517             |
| HONEY CREEK | 7.63                    | 7,589             | 3,802              | 15,140             |
| HONEY CREEK | 9.94                    | 9,644             | 4,832              | 19,240             |
| HONEY CREEK | 13.56                   | 12,156            | 6,090              | 24,251             |
| HONEY CREEK | 15.4                    | 13,069            | 6,548              | 26,073             |
| HONEY CREEK | 17.53                   | 14,595            | 7,312              | 29,116             |
| HONEY CREEK | 19.09                   | 15,372            | 7,701              | 30,667             |
| HONEY CREEK | 21.03                   | 16,150            | 8,091              | 32,218             |
| HONEY CREEK | 25.8                    | 17,857            | 8,946              | 35,625             |
| HONEY CREEK | 26.06                   | 18,228            | 9,132              | 36,364             |
| HONEY CREEK | 27.44                   | 18,873            | 9,456              | 37,652             |
| HONEY CREEK | 29.73                   | 19,613            | 9,826              | 39,127             |
| HONEY CREEK | 31.91                   | 19,772            | 9,906              | 39,445             |
| HONEY CREEK | 32.98                   | 20,653            | 10,347             | 41,202             |
| HONEY CREEK | 34.47                   | 21,309            | 10,676             | 42,510             |
| HONEY CREEK | 35.68                   | 20,916            | 10,479             | 41,728             |
| HONEY CREEK | 36.41                   | 21,676            | 10,860             | 43,244             |
| HONEY CREEK | 38.06                   | 22,303            | 11,174             | 44,495             |
| HONEY CREEK | 38.24                   | 21,493            | 10,768             | 42,879             |
| HONEY CREEK | 39.06                   | 22,509            | 11,277             | 44,905             |
| HONEY CREEK | 39.15                   | 21,144            | 10,593             | 42,182             |
| HONEY CREEK | 40.45                   | 21,977            | 11,010             | 43,844             |
| HONEY CREEK | 41.45                   | 22,784            | 11,415             | 45,454             |
| HONEY CREEK | 43.26                   | 22,079            | 11,061             | 44,047             |
| HONEY CREEK | 43.76                   | 22,934            | 11,490             | 45,752             |
| HONEY CREEK | 44.18                   | 22,309            | 11,177             | 44,507             |
| HONEY CREEK | 45.09                   | 22,664            | 11,355             | 45,214             |
| HONEY CREEK | 49.84                   | 23,052            | 11,549             | 45,989             |
| HONEY CREEK | 2.11                    | 2,874             | 1,440              | 5,734              |
| HONEY CREEK | 4.21                    | 4,963             | 2,487              | 9,902              |
| HONEY CREEK | 5.01                    | 5,308             | 2,659              | 10,589             |
| HONEY CREEK | 19.26                   | 14,586            | 7,307              | 29,098             |
| HONEY CREEK | 29.36                   | 19,847            | 9,943              | 39,595             |

| Stream Name              | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|--------------------------|-------------------------|-------------------|--------------------|--------------------|
|                          |                         | (cfs)             | (cfs)              | (cfs)              |
| HONEY CREEK              | 48.27                   | 23,461            | 11,754             | 46,804             |
| HONEY CREEK              | 49.66                   | 23,435            | 11,741             | 46,753             |
| HONEY CREEK TRIBUTARY 1  | 1.15                    | 2,475             | 1,240              | 4,937              |
| HONEY CREEK TRIBUTARY 1  | 1.28                    | 2,774             | 1,390              | 5,535              |
| HONEY CREEK TRIBUTARY 1  | 1.68                    | 3,242             | 1,624              | 6,468              |
| HONEY CREEK TRIBUTARY 1  | 2.78                    | 4,862             | 2,436              | 9,699              |
| HONEY CREEK TRIBUTARY 10 | 0.51                    | 1,242             | 622                | 2,478              |
| HONEY CREEK TRIBUTARY 10 | 0.62                    | 1,213             | 608                | 2,420              |
| HONEY CREEK TRIBUTARY 10 | 1.7                     | 2,903             | 1,454              | 5,791              |
| HONEY CREEK TRIBUTARY 11 | 1.01                    | 1,959             | 982                | 3,909              |
| HONEY CREEK TRIBUTARY 11 | 1.1                     | 2,113             | 1,058              | 4,214              |
| HONEY CREEK TRIBUTARY 12 | 0.9                     | 1,584             | 794                | 3,160              |
| HONEY CREEK TRIBUTARY 12 | 1.77                    | 2,673             | 1,339              | 5,332              |
| HONEY CREEK TRIBUTARY 12 | 2.08                    | 3,286             | 1,646              | 6,555              |
| HONEY CREEK TRIBUTARY 14 | 0.94                    | 1,511             | 757                | 3,014              |
| HONEY CREEK TRIBUTARY 14 | 1.44                    | 2,107             | 1,056              | 4,204              |
| HONEY CREEK TRIBUTARY 14 | 2.04                    | 2,574             | 1,290              | 5,135              |
| HONEY CREEK TRIBUTARY 14 | 2.25                    | 2,929             | 1,467              | 5,844              |
| HONEY CREEK TRIBUTARY 16 | 0.44                    | 921               | 461                | 1,837              |
| HONEY CREEK TRIBUTARY 17 | 0.58                    | 1,083             | 543                | 2,160              |
| HONEY CREEK TRIBUTARY 17 | 0.67                    | 1,240             | 621                | 2,474              |
| HONEY CREEK TRIBUTARY 2  | 0.73                    | 1,821             | 913                | 3,634              |
| HONEY CREEK TRIBUTARY 2  | 0.98                    | 2,079             | 1,042              | 4,148              |
| HONEY CREEK TRIBUTARY 2  | 1.45                    | 2,821             | 1,413              | 5,628              |
| HONEY CREEK TRIBUTARY 3  | 0.85                    | 1,996             | 1,000              | 3,981              |
| HONEY CREEK TRIBUTARY 4  | 0.86                    | 1,506             | 755                | 3,005              |
| HONEY CREEK TRIBUTARY 4  | 1.25                    | 2,119             | 1,061              | 4,227              |
| HONEY CREEK TRIBUTARY 6  | 0.68                    | 1,431             | 717                | 2,855              |
| HONEY CREEK TRIBUTARY 6  | 1.16                    | 2,181             | 1,093              | 4,350              |
| HONEY CREEK TRIBUTARY 6  | 1.47                    | 2,654             | 1,330              | 5,296              |
| HURRICANE CREEK          | 0.94                    | 1,963             | 984                | 3,917              |
| HURRICANE CREEK          | 1.43                    | 2,548             | 1,276              | 5,082              |
| HURRICANE CREEK          | 6.01                    | 8,104             | 4,060              | 16,168             |
| HURRICANE CREEK          | 6.5                     | 7,451             | 3,733              | 14,865             |
| HURRICANE CREEK          | 6.99                    | 9,138             | 4,578              | 18,231             |
| HURRICANE CREEK          | 8.03                    | 9,455             | 4,737              | 18,863             |
| HURRICANE CREEK          | 8.44                    | 9,096             | 4,557              | 18,146             |
| HURRICANE CREEK          | 8.93                    | 10,311            | 5,166              | 20,569             |

| Stream Name                   | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|-------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                               |                         | (cfs)             | (cfs)              | (cfs)              |
| HURRICANE CREEK               | 10.39                   | 10,629            | 5,325              | 21,205             |
| HURRICANE CREEK               | 12.55                   | 11,497            | 5,760              | 22,936             |
| HURRICANE CREEK               | 13.03                   | 11,476            | 5,749              | 22,894             |
| HURRICANE CREEK               | 13.43                   | 11,791            | 5,907              | 23,523             |
| HURRICANE CREEK               | 14.01                   | 11,728            | 5,876              | 23,398             |
| HURRICANE CREEK               | 4.35                    | 6,619             | 3,316              | 13,205             |
| HURRICANE CREEK               | 6                       | 8,331             | 4,174              | 16,621             |
| HURRICANE CREEK               | 9.4                     | 10,276            | 5,148              | 20,501             |
| HURRICANE CREEK               | 11.69                   | 11,625            | 5,824              | 23,193             |
| HURRICANE CREEK TRIBUTARY 1   | 1.01                    | 2,596             | 1,301              | 5,180              |
| HURRICANE CREEK TRIBUTARY 3   | 0.38                    | 958               | 480                | 1,912              |
| HURRICANE CREEK TRIBUTARY 4   | 0.52                    | 1,150             | 576                | 2,294              |
| HURRICANE CREEK TRIBUTARY 4   | 0.98                    | 1,721             | 862                | 3,434              |
| HURRICANE CREEK TRIBUTARY 4.1 | 0.5                     | 1,221             | 612                | 2,437              |
| HURRICANE CREEK TRIBUTARY 4.1 | 0.56                    | 1,361             | 682                | 2,715              |
| HURRICANE CREEK TRIBUTARY 5   | 0.97                    | 1,894             | 949                | 3,778              |
| HURRICANE CREEK TRIBUTARY 5   | 1.41                    | 2,409             | 1,207              | 4,806              |
| JEANS CREEK                   | 0.52                    | 762               | 382                | 1,521              |
| JEANS CREEK                   | 0.99                    | 1,704             | 854                | 3,399              |
| JEANS CREEK                   | 1.43                    | 2,368             | 1,186              | 4,723              |
| JEANS CREEK                   | 1.66                    | 2,594             | 1,300              | 5,175              |
| LONG BRANCH OF HONEY CREEK    | 0.92                    | 2,292             | 1,148              | 4,572              |
| LONG BRANCH OF HONEY CREEK    | 1.27                    | 2,759             | 1,382              | 5,504              |
| LONG BRANCH OF HONEY CREEK    | 3.24                    | 4,712             | 2,361              | 9,400              |
| LONG BRANCH OF HONEY CREEK    | 3.48                    | 4,733             | 2,371              | 9,442              |
| LONG BRANCH OF HONEY CREEK    | 3.12                    | 4,234             | 2,121              | 8,446              |
| LONG BRANCH TRIBUTARY 1       | 1.18                    | 2,233             | 1,119              | 4,455              |
| LONG BRANCH TRIBUTARY 1       | 1.45                    | 2,476             | 1,241              | 4,940              |
| QUAIL CREEK CHANNEL B         | 0.36                    | 878               | 440                | 1,751              |
| REID BRANCH                   | 0.91                    | 1,575             | 789                | 3,142              |
| REID BRANCH                   | 2.26                    | 3,773             | 1,890              | 7,528              |
| REID BRANCH TRIBUTARY 1       | 0.99                    | 1,832             | 918                | 3,655              |
| REID BRANCH TRIBUTARY 1       | 1.08                    | 1,965             | 985                | 3,920              |
| RUTHERFORD BRANCH             | 0.94                    | 1,966             | 985                | 3,922              |
| RUTHERFORD BRANCH             | 1.35                    | 2,381             | 1,193              | 4,750              |
| RUTHERFORD BRANCH             | 2.73                    | 4,085             | 2,046              | 8,149              |
| RUTHERFORD BRANCH             | 2.79                    | 4,162             | 2,085              | 8,302              |
| RUTHERFORD BRANCH             | 3.94                    | 5,508             | 2,760              | 10,989             |

| Stream Name                   | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|-------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                               |                         | (cfs)             | (cfs)              | (cfs)              |
| RUTHERFORD BRANCH             | 2.27                    | 3,692             | 1,850              | 7,366              |
| RUTHERFORD BRANCH TRIBUTARY 1 | 0.5                     | 1,235             | 619                | 2,463              |
| RUTHERFORD BRANCH TRIBUTARY 1 | 0.65                    | 1,576             | 789                | 3,143              |
| SLAYTER CREEK                 | 0.55                    | 850               | 426                | 1,696              |
| SLAYTER CREEK                 | 1.05                    | 1,660             | 832                | 3,311              |
| SLAYTER CREEK                 | 1.49                    | 2,457             | 1,231              | 4,901              |
| SLAYTER CREEK                 | 2.27                    | 3,456             | 1,731              | 6,894              |
| SLAYTER CREEK                 | 3.26                    | 4,377             | 2,193              | 8,732              |
| SLAYTER CREEK                 | 3.57                    | 4,446             | 2,227              | 8,869              |
| SLAYTER CREEK                 | 4.04                    | 5,553             | 2,782              | 11,077             |
| SLAYTER CREEK                 | 4.46                    | 5,944             | 2,978              | 11,859             |
| SLAYTER CREEK                 | 4.74                    | 6,134             | 3,073              | 12,236             |
| SLAYTER CREEK                 | 5.05                    | 6,356             | 3,185              | 12,681             |
| SLAYTER CREEK                 | 1.96                    | 3,106             | 1,556              | 6,196              |
| SLOAN CREEK                   | 0.72                    | 1,433             | 718                | 2,858              |
| SLOAN CREEK                   | 1.71                    | 3,366             | 1,686              | 6,715              |
| SLOAN CREEK                   | 3.25                    | 5,291             | 2,651              | 10,556             |
| SLOAN CREEK                   | 3.5                     | 5,575             | 2,793              | 11,121             |
| SLOAN CREEK                   | 5.66                    | 7,595             | 3,805              | 15,152             |
| SLOAN CREEK                   | 6.85                    | 9,499             | 4,759              | 18,950             |
| SLOAN CREEK                   | 7.35                    | 9,181             | 4,600              | 18,316             |
| SLOAN CREEK                   | 7.65                    | 9,337             | 4,678              | 18,628             |
| SLOAN CREEK                   | 7.93                    | 9,294             | 4,656              | 18,542             |
| SLOAN CREEK                   | 8.18                    | 9,393             | 4,706              | 18,739             |
| SLOAN CREEK                   | 8.94                    | 9,798             | 4,909              | 19,546             |
| SLOAN CREEK                   | 2.76                    | 4,846             | 2,428              | 9,667              |
| SLOAN CREEK TRIBUTARY 3       | 0.69                    | 1,375             | 689                | 2,743              |
| SLOAN CREEK TRIBUTARY 3       | 0.93                    | 1,962             | 983                | 3,913              |
| SLOAN CREEK TRIBUTARY 3       | 1.43                    | 2,611             | 1,308              | 5,208              |
| SLOAN CREEK TRIBUTARY 3       | 1.93                    | 3,502             | 1,754              | 6,985              |
| SLOAN CREEK TRIBUTARY 3       | 1.95                    | 3,337             | 1,672              | 6,657              |
| SLOAN CREEK TRIBUTARY 4       | 0.51                    | 902               | 452                | 1,800              |
| SLOAN CREEK TRIBUTARY 4       | 0.56                    | 983               | 492                | 1,960              |
| SQUIRREL CREEK                | 0.52                    | 1,095             | 549                | 2,185              |
| SQUIRREL CREEK                | 0.79                    | 1,506             | 754                | 3,004              |
| SQUIRREL CREEK                | 1.26                    | 2,254             | 1,129              | 4,497              |
| SQUIRREL CREEK                | 1.73                    | 2,786             | 1,396              | 5,559              |
| SQUIRREL CREEK                | 2.88                    | 3,866             | 1,937              | 7,713              |

| Stream Name    | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|----------------|-------------------------|-------------------|--------------------|--------------------|
|                |                         | (cfs)             | (cfs)              | (cfs)              |
| SQUIRREL CREEK | 3.88                    | 4,722             | 2,366              | 9,421              |
| SQUIRREL CREEK | 6.99                    | 7,444             | 3,730              | 14,851             |
| SQUIRREL CREEK | 7.22                    | 7,366             | 3,690              | 14,695             |
| SQUIRREL CREEK | 9.33                    | 8,585             | 4,301              | 17,126             |
| SQUIRREL CREEK | 11.78                   | 10,222            | 5,121              | 20,393             |
| SQUIRREL CREEK | 12.17                   | 10,215            | 5,118              | 20,379             |
| SQUIRREL CREEK | 12.53                   | 9,834             | 4,927              | 19,619             |
| SQUIRREL CREEK | 13.94                   | 11,069            | 5,546              | 22,082             |
| SQUIRREL CREEK | 14.42                   | 11,339            | 5,681              | 22,622             |
| SQUIRREL CREEK | 14.85                   | 10,935            | 5,479              | 21,816             |
| SQUIRREL CREEK | 3.01                    | 4,030             | 2,019              | 8,039              |
| SQUIRREL CREEK | 6.16                    | 6,938             | 3,476              | 13,842             |
| SQUIRREL CREEK | 6.65                    | 7,379             | 3,697              | 14,722             |
| SQUIRREL CREEK | 9.05                    | 8,452             | 4,234              | 16,862             |
| SQUIRREL CREEK | 10.84                   | 9,791             | 4,905              | 19,533             |
| SQUIRREL CREEK | 14.41                   | 10,804            | 5,413              | 21,554             |
| SQUIRREL CREEK | 15.1                    | 10,944            | 5,483              | 21,834             |
| STANLEY CREEK  | 1.32                    | 2,189             | 1,097              | 4,367              |
| STANLEY CREEK  | 2.93                    | 4,321             | 2,165              | 8,620              |
| STANLEY CREEK  | 3.1                     | 4,295             | 2,152              | 8,569              |
| STANLEY CREEK  | 4.28                    | 5,332             | 2,671              | 10,637             |
| STANLEY CREEK  | 4.37                    | 5,345             | 2,678              | 10,663             |
| STANLEY CREEK  | 5.66                    | 6,607             | 3,310              | 13,182             |
| STANLEY CREEK  | 7.03                    | 7,668             | 3,842              | 15,298             |
| STANLEY CREEK  | 7.2                     | 7,698             | 3,857              | 15,358             |
| STANLEY CREEK  | 1                       | 1,676             | 840                | 3,343              |
| STANLEY CREEK  | 2.44                    | 3,571             | 1,789              | 7,124              |
| STOVER CREEK   | 1.29                    | 1,846             | 925                | 3,682              |
| STOVER CREEK   | 1.76                    | 2,430             | 1,218              | 4,848              |
| STOVER CREEK   | 2.96                    | 4,143             | 2,075              | 8,264              |
| STOVER CREEK   | 3.46                    | 4,694             | 2,351              | 9,364              |
| STOVER CREEK   | 3.9                     | 4,968             | 2,489              | 9,911              |
| STOVER CREEK   | 4.83                    | 5,801             | 2,906              | 11,574             |
| STOVER CREEK   | 5.06                    | 5,787             | 2,899              | 11,545             |
| STOVER CREEK   | 6.1                     | 6,449             | 3,231              | 12,865             |
| STOVER CREEK   | 7.49                    | 7,571             | 3,793              | 15,104             |
| STOVER CREEK   | 7.98                    | 7,762             | 3,889              | 15,485             |
| STOVER CREEK   | 8.06                    | 7,631             | 3,823              | 15,224             |



| Stream Name                        | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                    |                         | (cfs)             | (cfs)              | (cfs)              |
| STOVER CREEK                       | 6.33                    | 5,622             | 2,817              | 11,216             |
| THOMPSEN CREEK                     | 0.5                     | 1,138             | 570                | 2,270              |
| THOMPSEN CREEK                     | 0.68                    | 1,495             | 749                | 2,983              |
| THROCKMORTON CREEK                 | 0.5                     | 759               | 380                | 1,514              |
| THROCKMORTON CREEK                 | 0.78                    | 1,244             | 623                | 2,481              |
| THROCKMORTON CREEK                 | 1.19                    | 1,964             | 984                | 3,917              |
| THROCKMORTON CREEK                 | 1.69                    | 2,564             | 1,285              | 5,115              |
| THROCKMORTON CREEK                 | 2.19                    | 3,324             | 1,665              | 6,631              |
| THROCKMORTON CREEK                 | 2.59                    | 3,695             | 1,851              | 7,371              |
| THROCKMORTON CREEK                 | 3.05                    | 4,146             | 2,077              | 8,271              |
| THROCKMORTON CREEK                 | 3.2                     | 4,198             | 2,103              | 8,374              |
| THROCKMORTON CREEK                 | 3.26                    | 4,201             | 2,105              | 8,381              |
| THROCKMORTON CREEK                 | 3.65                    | 4,245             | 2,127              | 8,470              |
| THROCKMORTON CREEK                 | 8.79                    | 9,820             | 4,920              | 19,591             |
| THROCKMORTON CREEK                 | 9.29                    | 10,685            | 5,353              | 21,317             |
| THROCKMORTON CREEK                 | 9.6                     | 9,993             | 5,006              | 19,936             |
| THROCKMORTON CREEK                 | 11.03                   | 11,453            | 5,738              | 22,848             |
| THROCKMORTON CREEK                 | 11.89                   | 11,287            | 5,655              | 22,517             |
| THROCKMORTON CREEK                 | 12.1                    | 11,122            | 5,572              | 22,189             |
| THROCKMORTON CREEK                 | 11.44                   | 11,183            | 5,602              | 22,309             |
| THROCKMORTON CREEK TRIBUTARY 1     | 0.39                    | 779               | 390                | 1,555              |
| UNNAMED TRIBUTARY 2                | 0.52                    | 1,232             | 617                | 2,457              |
| UNNAMED TRIBUTARY 2                | 0.57                    | 1,303             | 653                | 2,598              |
| UNNAMED TRIBUTARY 3                | 0.58                    | 1,348             | 675                | 2,689              |
| UNNAMED TRIBUTARY 3                | 0.73                    | 1,588             | 795                | 3,168              |
| UNNAMED TRIBUTARY OF STANLEY CREEK | 0.2                     | 457               | 229                | 912                |
| UNNAMED TRIBUTARY OF STANLEY CREEK | 0.41                    | 959               | 481                | 1,913              |
| UNT 1 IN EFT                       | 0.34                    | 755               | 378                | 1,507              |
| UNT 10 IN EFT                      | 0.36                    | 1,043             | 523                | 2,081              |
| UNT 11 IN EFT                      | 0.11                    | 391               | 196                | 779                |
| UNT 12 IN EFT                      | 0.1                     | 340               | 170                | 679                |
| UNT 2 IN EFT                       | 0.19                    | 425               | 213                | 849                |
| UNT 22 IN EFT                      | 0.11                    | 352               | 176                | 702                |
| UNT 3 IN EFT                       | 0.23                    | 545               | 273                | 1,087              |
| UNT 4 IN EFT                       | 0.14                    | 399               | 200                | 796                |
| UNT 5 IN EFT                       | 0.18                    | 498               | 250                | 994                |
| UNT 6 IN EFT                       | 0.23                    | 707               | 354                | 1,411              |
| UNT 7 IN EFT                       | 0.31                    | 659               | 330                | 1,315              |

| Stream Name                             | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|-----------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                         |                         | (cfs)             | (cfs)              | (cfs)              |
| UNT 8 IN EFT                            | 0.15                    | 458               | 229                | 914                |
| UNT 9 IN EFT                            | 0.41                    | 946               | 474                | 1,888              |
| UNT100 IN EAST FORK TRINITY WATERSHED   | 1.02                    | 1,768             | 886                | 3,528              |
| UNT1191 IN EAST FORK TRINITY WATERSHED  | 0.5                     | 1,164             | 583                | 2,322              |
| UNT1191 IN EAST FORK TRINITY WATERSHED  | 0.54                    | 1,116             | 559                | 2,226              |
| UNT1193 IN EAST FORK TRINITY WATERSHED  | 0.12                    | 327               | 164                | 653                |
| UNT1195 IN EAST FORK TRINITY WATERSHED  | 0.51                    | 1,213             | 608                | 2,420              |
| UNT1195 IN EAST FORK TRINITY WATERSHED  | 0.56                    | 1,195             | 599                | 2,384              |
| UNT1198 IN EAST FORK TRINITY WATERSHED  | 0.46                    | 864               | 433                | 1,724              |
| UNT1202 IN EAST FORK TRINITY WATERSHED  | 0.26                    | 639               | 320                | 1,275              |
| UNT1204 IN EAST FORK TRINITY WATERSHED  | 0.16                    | 483               | 242                | 964                |
| UNT1206 IN EAST FORK TRINITY WATERSHED  | 0.2                     | 430               | 216                | 859                |
| UNT1208 IN EAST FORK TRINITY WATERSHED  | 0.64                    | 1,306             | 654                | 2,605              |
| UNT1210 IN EAST FORK TRINITY WATERSHED  | 0.42                    | 1,020             | 511                | 2,035              |
| UNT1212 IN EAST FORK TRINITY WATERSHED  | 0.41                    | 1,054             | 528                | 2,102              |
| UNT1214 IN EAST FORK TRINITY WATERSHED  | 0.41                    | 1,107             | 555                | 2,208              |
| UNT1216 IN EAST FORK TRINITY WATERSHED  | 0.72                    | 1,429             | 716                | 2,851              |
| UNT1221 IN EAST FORK TRINITY WATERSHED  | 0.71                    | 1,539             | 771                | 3,071              |
| UNT1225 IN EAST FORK TRINITY WATERSHED  | 0.42                    | 867               | 434                | 1,729              |
| UNT1228 IN EAST FORK TRINITY WATERSHED  | 1.96                    | 2,858             | 1,432              | 5,701              |
| UNT1357 IN EAST FORK TRINITY WATERSHED  | 0.25                    | 764               | 383                | 1,524              |
| UNT1359 IN EAST FORK TRINITY WATERSHED  | 0.11                    | 446               | 224                | 891                |
| UNT1361 IN EAST FORK TRINITY WATERSHED  | 0.14                    | 489               | 245                | 975                |
| UNT1363 IN EAST FORK TRINITY WATERSHED  | 0.14                    | 535               | 268                | 1,066              |
| UNT1365 IN EAST FORK TRINITY WATERSHED  | 0.37                    | 1,052             | 527                | 2,098              |
| UNT1367 IN EAST FORK TRINITY WATERSHED  | 0.13                    | 350               | 175                | 698                |
| UNT1409 IN EAST FORK TRINITY WATERSHED  | 0.56                    | 1,229             | 616                | 2,452              |
| UNT1409 IN EAST FORK TRINITY WATERSHED  | 0.68                    | 1,498             | 751                | 2,989              |
| UNT1411 IN EAST FORK TRINITY WATERSHED  | 0.5                     | 1,394             | 698                | 2,781              |
| UNT1411 IN EAST FORK TRINITY WATERSHED  | 0.53                    | 1,273             | 638                | 2,539              |
| UNT1413 IN EAST FORK TRINITY WATERSHED  | 0.36                    | 980               | 491                | 1,955              |
| UNT145 IN EAST FORK TRINITY WATERSHED   | 1.09                    | 2,008             | 1,006              | 4,006              |
| UNT145 IN EAST FORK TRINITY WATERSHED   | 2.91                    | 1,844             | 924                | 3,679              |
| UNT145 IN EAST FORK TRINITY WATERSHED   | 1.93                    | 2,299             | 1,152              | 4,586              |
| UNT14560 IN EAST FORK TRINITY WATERSHED | 0.5                     | 961               | 481                | 1,916              |
| UNT14560 IN EAST FORK TRINITY WATERSHED | 0.64                    | 1,140             | 571                | 2,274              |
| UNT166 IN EAST FORK TRINITY WATERSHED   | 2.89                    | 4,686             | 2,347              | 9,348              |
| UNT199 IN EAST FORK TRINITY WATERSHED   | 0.69                    | 1,255             | 629                | 2,505              |

| Stream Name                           | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|---------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                       |                         | (cfs)             | (cfs)              | (cfs)              |
| UNT199 IN EAST FORK TRINITY WATERSHED | 2.09                    | 3,082             | 1,544              | 6,149              |
| UNT208 IN EAST FORK TRINITY WATERSHED | 0.94                    | 1,718             | 861                | 3,427              |
| UNT208 IN EAST FORK TRINITY WATERSHED | 1.33                    | 2,297             | 1,151              | 4,582              |
| UNT208 IN EAST FORK TRINITY WATERSHED | 1.82                    | 2,953             | 1,479              | 5,891              |
| UNT208 IN EAST FORK TRINITY WATERSHED | 2.12                    | 2,990             | 1,498              | 5,965              |
| UNT211 IN EAST FORK TRINITY WATERSHED | 0.52                    | 1,030             | 516                | 2,054              |
| UNT211 IN EAST FORK TRINITY WATERSHED | 0.98                    | 1,740             | 872                | 3,471              |
| UNT242 IN EAST FORK TRINITY WATERSHED | 1                       | 1,946             | 975                | 3,881              |
| UNT242 IN EAST FORK TRINITY WATERSHED | 1.5                     | 2,546             | 1,276              | 5,080              |
| UNT242 IN EAST FORK TRINITY WATERSHED | 1.98                    | 3,008             | 1,507              | 6,000              |
| UNT242 IN EAST FORK TRINITY WATERSHED | 2.48                    | 3,399             | 1,703              | 6,781              |
| UNT242 IN EAST FORK TRINITY WATERSHED | 2.98                    | 3,515             | 1,761              | 7,012              |
| UNT242 IN EAST FORK TRINITY WATERSHED | 3.27                    | 3,521             | 1,764              | 7,024              |
| UNT251 IN EAST FORK TRINITY WATERSHED | 0.93                    | 1,899             | 951                | 3,788              |
| UNT251 IN EAST FORK TRINITY WATERSHED | 1.39                    | 2,717             | 1,361              | 5,420              |
| UNT251 IN EAST FORK TRINITY WATERSHED | 2.21                    | 3,693             | 1,850              | 7,368              |
| UNT251 IN EAST FORK TRINITY WATERSHED | 3.45                    | 4,758             | 2,384              | 9,493              |
| UNT251 IN EAST FORK TRINITY WATERSHED | 3.51                    | 4,299             | 2,154              | 8,577              |
| UNT251 IN EAST FORK TRINITY WATERSHED | 3.89                    | 5,163             | 2,587              | 10,300             |
| UNT251 IN EAST FORK TRINITY WATERSHED | 1.84                    | 3,384             | 1,695              | 6,750              |
| UNT251 IN EAST FORK TRINITY WATERSHED | 4.31                    | 5,180             | 2,595              | 10,335             |
| UNT261 IN EAST FORK TRINITY WATERSHED | 0.51                    | 1,296             | 649                | 2,586              |
| UNT261 IN EAST FORK TRINITY WATERSHED | 1.28                    | 2,560             | 1,282              | 5,106              |
| UNT261 IN EAST FORK TRINITY WATERSHED | 1.31                    | 2,286             | 1,145              | 4,560              |
| UNT304 IN EAST FORK TRINITY WATERSHED | 0.98                    | 2,443             | 1,224              | 4,873              |
| UNT304 IN EAST FORK TRINITY WATERSHED | 2.03                    | 3,872             | 1,940              | 7,724              |
| UNT304 IN EAST FORK TRINITY WATERSHED | 2.18                    | 4,140             | 2,074              | 8,259              |
| UNT310 IN EAST FORK TRINITY WATERSHED | 1.09                    | 2,464             | 1,235              | 4,916              |
| UNT313 IN EAST FORK TRINITY WATERSHED | 1.02                    | 2,043             | 1,023              | 4,075              |
| UNT313 IN EAST FORK TRINITY WATERSHED | 1.52                    | 2,533             | 1,269              | 5,052              |
| UNT313 IN EAST FORK TRINITY WATERSHED | 1.86                    | 3,130             | 1,568              | 6,245              |
| UNT313 IN EAST FORK TRINITY WATERSHED | 3.06                    | 4,582             | 2,296              | 9,141              |
| UNT327 IN EAST FORK TRINITY WATERSHED | 1.23                    | 1,739             | 871                | 3,470              |
| UNT327 IN EAST FORK TRINITY WATERSHED | 1.74                    | 2,472             | 1,239              | 4,932              |
| UNT327 IN EAST FORK TRINITY WATERSHED | 1.8                     | 2,640             | 1,323              | 5,267              |
| UNT338 IN EAST FORK TRINITY WATERSHED | 0.94                    | 1,743             | 873                | 3,476              |
| UNT348 IN EAST FORK TRINITY WATERSHED | 0.53                    | 1,318             | 660                | 2,628              |
| UNT348 IN EAST FORK TRINITY WATERSHED | 1.03                    | 2,136             | 1,070              | 4,261              |

| Stream Name                           | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|---------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                       |                         | (cfs)             | (cfs)              | (cfs)              |
| UNT348 IN EAST FORK TRINITY WATERSHED | 1.38                    | 2,512             | 1,259              | 5,011              |
| UNT371 IN EAST FORK TRINITY WATERSHED | 0.53                    | 1,004             | 503                | 2,003              |
| UNT371 IN EAST FORK TRINITY WATERSHED | 1.03                    | 1,774             | 889                | 3,540              |
| UNT371 IN EAST FORK TRINITY WATERSHED | 1.41                    | 2,439             | 1,222              | 4,866              |
| UNT373 IN EAST FORK TRINITY WATERSHED | 0.64                    | 1,388             | 696                | 2,770              |
| UNT373 IN EAST FORK TRINITY WATERSHED | 1.17                    | 2,196             | 1,100              | 4,380              |
| UNT373 IN EAST FORK TRINITY WATERSHED | 1.57                    | 2,760             | 1,383              | 5,506              |
| UNT376 IN EAST FORK TRINITY WATERSHED | 0.82                    | 1,544             | 774                | 3,081              |
| UNT376 IN EAST FORK TRINITY WATERSHED | 1.54                    | 2,459             | 1,232              | 4,906              |
| UNT376 IN EAST FORK TRINITY WATERSHED | 2.15                    | 3,298             | 1,652              | 6,579              |
| UNT393 IN EAST FORK TRINITY WATERSHED | 1.23                    | 2,404             | 1,205              | 4,797              |
| UNT393 IN EAST FORK TRINITY WATERSHED | 1.27                    | 2,542             | 1,273              | 5,071              |
| UNT415 IN EAST FORK TRINITY WATERSHED | 0.61                    | 1,304             | 654                | 2,602              |
| UNT415 IN EAST FORK TRINITY WATERSHED | 0.75                    | 1,606             | 804                | 3,203              |
| UNT416 IN EAST FORK TRINITY WATERSHED | 0.85                    | 1,204             | 603                | 2,403              |
| UNT416 IN EAST FORK TRINITY WATERSHED | 0.94                    | 1,638             | 820                | 3,267              |
| UNT437 IN EAST FORK TRINITY WATERSHED | 0.51                    | 985               | 493                | 1,965              |
| UNT437 IN EAST FORK TRINITY WATERSHED | 0.75                    | 1,272             | 637                | 2,537              |
| UNT440 IN EAST FORK TRINITY WATERSHED | 1.23                    | 2,291             | 1,148              | 4,570              |
| UNT440 IN EAST FORK TRINITY WATERSHED | 1.25                    | 2,175             | 1,090              | 4,340              |
| UNT468 IN EAST FORK TRINITY WATERSHED | 0.14                    | 453               | 227                | 903                |
| UNT470 IN EAST FORK TRINITY WATERSHED | 0.09                    | 277               | 139                | 553                |
| UNT472 IN EAST FORK TRINITY WATERSHED | 0.5                     | 984               | 493                | 1,962              |
| UNT472 IN EAST FORK TRINITY WATERSHED | 0.63                    | 1,219             | 611                | 2,432              |
| UNT474 IN EAST FORK TRINITY WATERSHED | 0.29                    | 800               | 401                | 1,596              |
| UNT598 IN EAST FORK TRINITY WATERSHED | 1.3                     | 2,171             | 1,088              | 4,332              |
| UNT598 IN EAST FORK TRINITY WATERSHED | 1.42                    | 2,511             | 1,258              | 5,010              |
| UNT598 IN EAST FORK TRINITY WATERSHED | 1.77                    | 3,007             | 1,507              | 5,999              |
| UNT608 IN EAST FORK TRINITY WATERSHED | 0.18                    | 439               | 220                | 876                |
| UNT610 IN EAST FORK TRINITY WATERSHED | 0.36                    | 871               | 436                | 1,737              |
| UNT612 IN EAST FORK TRINITY WATERSHED | 0.42                    | 1,030             | 516                | 2,054              |
| UNT615 IN EAST FORK TRINITY WATERSHED | 0.51                    | 1,214             | 608                | 2,422              |
| UNT615 IN EAST FORK TRINITY WATERSHED | 0.6                     | 1,314             | 659                | 2,622              |
| UNT627 IN EAST FORK TRINITY WATERSHED | 0.53                    | 1,282             | 642                | 2,558              |
| UNT627 IN EAST FORK TRINITY WATERSHED | 0.78                    | 1,550             | 776                | 3,092              |
| UNT675 IN EAST FORK TRINITY WATERSHED | 1.57                    | 3,048             | 1,527              | 6,080              |
| UNT683 IN EAST FORK TRINITY WATERSHED | 0.51                    | 875               | 439                | 1,746              |
| UNT683 IN EAST FORK TRINITY WATERSHED | 0.6                     | 973               | 488                | 1,942              |

| Stream Name                           | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|---------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                       |                         | (cfs)             | (cfs)              | (cfs)              |
| UNT686 IN EAST FORK TRINITY WATERSHED | 0.45                    | 869               | 435                | 1,733              |
| UNT688 IN EAST FORK TRINITY WATERSHED | 0.26                    | 610               | 306                | 1,218              |
| UNT691 IN EAST FORK TRINITY WATERSHED | 0.77                    | 1,447             | 725                | 2,887              |
| UNT692 IN EAST FORK TRINITY WATERSHED | 1.08                    | 2,017             | 1,010              | 4,023              |
| UNT692 IN EAST FORK TRINITY WATERSHED | 0.87                    | 1,723             | 863                | 3,437              |
| UNT693 IN EAST FORK TRINITY WATERSHED | 0.1                     | 322               | 161                | 641                |
| UNT695 IN EAST FORK TRINITY WATERSHED | 0.49                    | 1,229             | 616                | 2,452              |
| UNT697 IN EAST FORK TRINITY WATERSHED | 0.48                    | 1,196             | 599                | 2,385              |
| UNT698 IN EAST FORK TRINITY WATERSHED | 1.12                    | 1,816             | 910                | 3,624              |
| UNT698 IN EAST FORK TRINITY WATERSHED | 2.01                    | 2,882             | 1,444              | 5,749              |
| UNT698 IN EAST FORK TRINITY WATERSHED | 2.32                    | 3,035             | 1,521              | 6,055              |
| UNT698 IN EAST FORK TRINITY WATERSHED | 2.9                     | 3,753             | 1,880              | 7,486              |
| UNT698 IN EAST FORK TRINITY WATERSHED | 3.25                    | 3,911             | 1,959              | 7,802              |
| UNT698 IN EAST FORK TRINITY WATERSHED | 4.52                    | 5,049             | 2,529              | 10,073             |
| UNT698 IN EAST FORK TRINITY WATERSHED | 4.54                    | 4,929             | 2,470              | 9,834              |
| UNT698 IN EAST FORK TRINITY WATERSHED | 5                       | 5,418             | 2,715              | 10,810             |
| UNT698 IN EAST FORK TRINITY WATERSHED | 5.47                    | 5,764             | 2,888              | 11,499             |
| UNT698 IN EAST FORK TRINITY WATERSHED | 1.45                    | 2,178             | 1,091              | 4,346              |
| UNT698 IN EAST FORK TRINITY WATERSHED | 1.93                    | 2,811             | 1,408              | 5,608              |
| UNT698 IN EAST FORK TRINITY WATERSHED | 3.66                    | 4,196             | 2,102              | 8,372              |
| UNT698 IN EAST FORK TRINITY WATERSHED | 4.02                    | 4,471             | 2,240              | 8,919              |
| UNT698 IN EAST FORK TRINITY WATERSHED | 5.85                    | 5,950             | 2,981              | 11,870             |
| UNT699 IN EAST FORK TRINITY WATERSHED | 0.31                    | 697               | 349                | 1,391              |
| UNT700 IN EAST FORK TRINITY WATERSHED | 1                       | 2,115             | 1,060              | 4,220              |
| UNT700 IN EAST FORK TRINITY WATERSHED | 1.25                    | 2,633             | 1,319              | 5,253              |
| UNT702 IN EAST FORK TRINITY WATERSHED | 0.47                    | 1,165             | 584                | 2,324              |
| UNT703 IN EAST FORK TRINITY WATERSHED | 0.51                    | 1,197             | 600                | 2,388              |
| UNT703 IN EAST FORK TRINITY WATERSHED | 0.91                    | 1,899             | 951                | 3,789              |
| UNT705 IN EAST FORK TRINITY WATERSHED | 0.46                    | 944               | 473                | 1,883              |
| UNT705 IN EAST FORK TRINITY WATERSHED | 0.77                    | 1,493             | 748                | 2,979              |
| UNT709 IN EAST FORK TRINITY WATERSHED | 0.64                    | 1,389             | 696                | 2,771              |
| UNT709 IN EAST FORK TRINITY WATERSHED | 0.65                    | 1,403             | 703                | 2,798              |
| UNT711 IN EAST FORK TRINITY WATERSHED | 0.78                    | 1,598             | 800                | 3,188              |
| UNT713 IN EAST FORK TRINITY WATERSHED | 0.51                    | 1,106             | 554                | 2,206              |
| UNT713 IN EAST FORK TRINITY WATERSHED | 0.86                    | 1,649             | 826                | 3,289              |
| UNT715 IN EAST FORK TRINITY WATERSHED | 0.97                    | 2,063             | 1,034              | 4,116              |
| UNT715 IN EAST FORK TRINITY WATERSHED | 1.32                    | 2,405             | 1,205              | 4,798              |
| UNT715 IN EAST FORK TRINITY WATERSHED | 1.76                    | 3,042             | 1,524              | 6,068              |

| Stream Name                           | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|---------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                       |                         | (cfs)             | (cfs)              | (cfs)              |
| UNT722 IN EAST FORK TRINITY WATERSHED | 0.56                    | 1,481             | 742                | 2,955              |
| UNT722 IN EAST FORK TRINITY WATERSHED | 0.66                    | 1,412             | 707                | 2,816              |
| UNT722 IN EAST FORK TRINITY WATERSHED | 1.16                    | 2,395             | 1,200              | 4,778              |
| UNT724 IN EAST FORK TRINITY WATERSHED | 0.54                    | 1,324             | 663                | 2,641              |
| UNT724 IN EAST FORK TRINITY WATERSHED | 0.74                    | 1,547             | 775                | 3,087              |
| UNT724 IN EAST FORK TRINITY WATERSHED | 1.35                    | 2,633             | 1,319              | 5,252              |
| UNT724 IN EAST FORK TRINITY WATERSHED | 1.88                    | 3,427             | 1,717              | 6,837              |
| UNT725 IN EAST FORK TRINITY WATERSHED | 1                       | 1,899             | 952                | 3,789              |
| UNT725 IN EAST FORK TRINITY WATERSHED | 1.17                    | 2,423             | 1,214              | 4,834              |
| UNT732 IN EAST FORK TRINITY WATERSHED | 0.51                    | 1,302             | 652                | 2,598              |
| UNT732 IN EAST FORK TRINITY WATERSHED | 0.56                    | 1,475             | 739                | 2,943              |
| UNT733 IN EAST FORK TRINITY WATERSHED | 0.53                    | 1,434             | 718                | 2,860              |
| UNT733 IN EAST FORK TRINITY WATERSHED | 0.56                    | 1,471             | 737                | 2,934              |
| UNT735 IN EAST FORK TRINITY WATERSHED | 0.45                    | 1,195             | 599                | 2,383              |
| UNT847 IN EAST FORK TRINITY WATERSHED | 0.84                    | 1,880             | 942                | 3,750              |
| UNT847 IN EAST FORK TRINITY WATERSHED | 1.14                    | 2,297             | 1,151              | 4,582              |
| UNT852 IN EAST FORK TRINITY WATERSHED | 0.85                    | 1,526             | 764                | 3,044              |
| UNT852 IN EAST FORK TRINITY WATERSHED | 1.35                    | 2,150             | 1,077              | 4,289              |
| UNT852 IN EAST FORK TRINITY WATERSHED | 1.64                    | 2,333             | 1,169              | 4,655              |
| UNT852 IN EAST FORK TRINITY WATERSHED | 2.49                    | 3,323             | 1,665              | 6,629              |
| UNT852 IN EAST FORK TRINITY WATERSHED | 2.12                    | 2,863             | 1,434              | 5,711              |
| UNT854 IN EAST FORK TRINITY WATERSHED | 0.69                    | 1,500             | 751                | 2,992              |
| UNT854 IN EAST FORK TRINITY WATERSHED | 0.62                    | 1,313             | 658                | 2,620              |
| UNT856 IN EAST FORK TRINITY WATERSHED | 0.34                    | 924               | 463                | 1,843              |
| WARDEN CREEK                          | 0.5                     | 1,209             | 606                | 2,412              |
| WEST PRONG WHITES CREEK               | 1.03                    | 1,813             | 908                | 3,616              |
| WEST PRONG WHITES CREEK               | 1.47                    | 2,398             | 1,201              | 4,784              |
| WEST PRONG WHITES CREEK               | 2.67                    | 3,821             | 1,914              | 7,623              |
| WEST PRONG WHITES CREEK               | 3.16                    | 4,026             | 2,017              | 8,033              |
| WEST PRONG WHITES CREEK               | 3.35                    | 4,285             | 2,147              | 8,549              |
| WEST PRONG WHITES CREEK               | 4.31                    | 5,273             | 2,642              | 10,519             |
| WEST PRONG WHITES CREEK               | 4.82                    | 5,579             | 2,795              | 11,130             |
| WEST PRONG WHITES CREEK               | 5.31                    | 5,903             | 2,958              | 11,777             |
| WEST PRONG WHITES CREEK               | 5.74                    | 5,898             | 2,955              | 11,767             |
| WEST PRONG WHITES CREEK               | 6.24                    | 6,243             | 3,128              | 12,456             |
| WEST PRONG WHITES CREEK               | 6.74                    | 6,625             | 3,319              | 13,218             |
| WEST PRONG WHITES CREEK               | 7.08                    | 6,682             | 3,348              | 13,331             |
| WEST PRONG WHITES CREEK               | 4.81                    | 5,575             | 2,793              | 11,122             |

| Stream Name                         | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|-------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                     |                         | (cfs)             | (cfs)              | (cfs)              |
| WHITE ROCK CREEK EAST               | 0.7                     | 919               | 461                | 1,834              |
| WHITE ROCK CREEK EAST               | 1.16                    | 1,444             | 723                | 2,880              |
| WHITE ROCK CREEK EAST               | 1.83                    | 2,334             | 1,170              | 4,657              |
| WHITE ROCK CREEK EAST               | 1.91                    | 2,567             | 1,286              | 5,122              |
| WHITE ROCK CREEK EAST               | 3.11                    | 3,786             | 1,897              | 7,553              |
| WHITE ROCK CREEK EAST               | 3.97                    | 4,983             | 2,496              | 9,941              |
| WHITE ROCK CREEK EAST               | 4.87                    | 5,881             | 2,946              | 11,732             |
| WHITE ROCK CREEK EAST               | 4.91                    | 5,899             | 2,955              | 11,769             |
| WHITE ROCK CREEK EAST               | 7.35                    | 8,462             | 4,239              | 16,881             |
| WHITE ROCK CREEK EAST               | 7.89                    | 8,404             | 4,211              | 16,767             |
| WHITE ROCK CREEK EAST               | 9                       | 9,606             | 4,812              | 19,163             |
| WHITE ROCK CREEK EAST               | 9.89                    | 9,753             | 4,886              | 19,457             |
| WHITE ROCK CREEK EAST               | 14.08                   | 11,731            | 5,877              | 23,403             |
| WHITE ROCK CREEK EAST               | 10.76                   | 9,834             | 4,927              | 19,620             |
| WHITE ROCK CREEK EAST               | 4.37                    | 5,075             | 2,543              | 10,125             |
| WHITE ROCK CREEK EAST               | 9.22                    | 9,739             | 4,879              | 19,430             |
| WHITE ROCK CREEK EAST TRIBUTARY 1   | 0.58                    | 1,185             | 594                | 2,365              |
| WHITE ROCK CREEK EAST TRIBUTARY 1   | 1.06                    | 2,077             | 1,040              | 4,143              |
| WHITE ROCK CREEK EAST TRIBUTARY 1-1 | 0.5                     | 1,298             | 650                | 2,590              |
| WHITE ROCK CREEK EAST TRIBUTARY 1-1 | 0.88                    | 1,823             | 913                | 3,637              |
| WHITE ROCK CREEK EAST TRIBUTARY 1-1 | 2.41                    | 3,630             | 1,819              | 7,242              |
| WHITE ROCK CREEK EAST TRIBUTARY 2   | 0.61                    | 1,353             | 678                | 2,698              |
| WHITE ROCK CREEK EAST TRIBUTARY 2   | 0.9                     | 1,637             | 820                | 3,265              |
| WHITE ROCK CREEK EAST TRIBUTARY 2   | 1.11                    | 1,900             | 952                | 3,790              |
| WHITE ROCK CREEK EAST TRIBUTARY 3   | 0.37                    | 729               | 365                | 1,454              |
| WHITE ROCK CREEK EAST TRIBUTARY 4   | 0.58                    | 924               | 463                | 1,843              |
| WHITE ROCK CREEK EAST TRIBUTARY 4   | 1.07                    | 1,660             | 831                | 3,311              |
| WHITES CREEK                        | 18.29                   | 14,744            | 7,386              | 29,413             |
| WHITES CREEK                        | 18.7                    | 14,447            | 7,238              | 28,822             |
| WHITES CREEK                        | 19.84                   | 14,903            | 7,466              | 29,731             |
| WHITES CREEK                        | 20.42                   | 14,237            | 7,133              | 28,402             |
| WHITES CREEK                        | 20.21                   | 14,744            | 7,387              | 29,415             |
| WHITES CREEK TRIB 1                 | 0.76                    | 1,859             | 931                | 3,708              |
| WILSON CREEK                        | 1                       | 1,139             | 571                | 2,273              |
| WILSON CREEK                        | 1.46                    | 1,691             | 847                | 3,373              |
| WILSON CREEK                        | 1.94                    | 2,348             | 1,176              | 4,684              |
| WILSON CREEK                        | 2.11                    | 2,517             | 1,261              | 5,020              |
| WILSON CREEK                        | 2.71                    | 3,224             | 1,615              | 6,432              |

| Stream Name  | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|--------------|-------------------------|-------------------|--------------------|--------------------|
|              |                         | (cfs)             | (cfs)              | (cfs)              |
| WILSON CREEK | 3.7                     | 4,256             | 2,132              | 8,490              |
| WILSON CREEK | 4.4                     | 4,868             | 2,439              | 9,712              |
| WILSON CREEK | 4.88                    | 5,289             | 2,650              | 10,551             |
| WILSON CREEK | 5.22                    | 5,466             | 2,738              | 10,905             |
| WILSON CREEK | 5.69                    | 5,908             | 2,960              | 11,785             |
| WILSON CREEK | 6.11                    | 6,156             | 3,084              | 12,281             |
| WILSON CREEK | 7.03                    | 6,973             | 3,493              | 13,911             |
| WILSON CREEK | 9.16                    | 8,395             | 4,206              | 16,748             |
| WILSON CREEK | 9.49                    | 8,915             | 4,467              | 17,786             |
| WILSON CREEK | 12.94                   | 11,341            | 5,682              | 22,625             |
| WILSON CREEK | 13.68                   | 10,544            | 5,282              | 21,035             |
| WILSON CREEK | 17.87                   | 14,069            | 7,049              | 28,067             |
| WILSON CREEK | 19.25                   | 14,777            | 7,403              | 29,479             |
| WILSON CREEK | 20.91                   | 15,830            | 7,931              | 31,581             |
| WILSON CREEK | 21.34                   | 16,011            | 8,021              | 31,941             |
| WILSON CREEK | 21.6                    | 15,975            | 8,003              | 31,870             |
| WILSON CREEK | 30.03                   | 20,667            | 10,354             | 41,231             |
| WILSON CREEK | 30.91                   | 19,863            | 9,951              | 39,626             |
| WILSON CREEK | 32.29                   | 20,442            | 10,242             | 40,782             |
| WILSON CREEK | 37.9                    | 23,572            | 11,809             | 47,026             |
| WILSON CREEK | 38.33                   | 23,530            | 11,788             | 46,942             |
| WILSON CREEK | 40.67                   | 24,362            | 12,206             | 48,603             |
| WILSON CREEK | 46.04                   | 25,677            | 12,864             | 51,225             |
| WILSON CREEK | 46.86                   | 25,335            | 12,693             | 50,543             |
| WILSON CREEK | 48.82                   | 25,096            | 12,573             | 50,067             |
| WILSON CREEK | 49.34                   | 25,851            | 12,952             | 51,574             |
| WILSON CREEK | 51.21                   | 26,147            | 13,100             | 52,164             |
| WILSON CREEK | 54.37                   | 27,104            | 13,579             | 54,073             |
| WILSON CREEK | 55.91                   | 25,970            | 13,011             | 51,811             |
| WILSON CREEK | 56.28                   | 27,019            | 13,537             | 53,903             |
| WILSON CREEK | 57.22                   | 27,690            | 13,873             | 55,242             |
| WILSON CREEK | 57.88                   | 27,389            | 13,722             | 54,641             |
| WILSON CREEK | 58.8                    | 25,390            | 12,720             | 50,653             |
| WILSON CREEK | 62.54                   | 26,465            | 13,259             | 52,797             |
| WILSON CREEK | 71.61                   | 28,265            | 14,161             | 56,388             |
| WILSON CREEK | 72.27                   | 29,146            | 14,602             | 58,147             |
| WILSON CREEK | 73.48                   | 29,604            | 14,832             | 59,061             |
| WILSON CREEK | 75.36                   | 27,923            | 13,989             | 55,705             |



| Stream Name                 | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|-----------------------------|-------------------------|-------------------|--------------------|--------------------|
|                             |                         | (cfs)             | (cfs)              | (cfs)              |
| WILSON CREEK                | 75.91                   | 28,179            | 14,118             | 56,217             |
| WILSON CREEK                | 3.2                     | 3,683             | 1,845              | 7,347              |
| WILSON CREEK                | 3.25                    | 3,453             | 1,730              | 6,888              |
| WILSON CREEK                | 3.77                    | 4,237             | 2,123              | 8,452              |
| WILSON CREEK                | 44.8                    | 25,092            | 12,571             | 50,058             |
| WILSON CREEK                | 60.42                   | 26,066            | 13,059             | 52,002             |
| WILSON CREEK TR 8           | 0.67                    | 1,459             | 731                | 2,911              |
| WILSON CREEK TRIBUTARY 1    | 0.6                     | 1,372             | 687                | 2,736              |
| WILSON CREEK TRIBUTARY 1    | 0.8                     | 1,749             | 876                | 3,488              |
| WILSON CREEK TRIBUTARY 1    | 1.39                    | 2,691             | 1,348              | 5,368              |
| WILSON CREEK TRIBUTARY 10   | 0.3                     | 816               | 409                | 1,628              |
| WILSON CREEK TRIBUTARY 10   | 2.54                    | 3,718             | 1,863              | 7,417              |
| WILSON CREEK TRIBUTARY 10   | 4.44                    | 6,306             | 3,159              | 12,581             |
| WILSON CREEK TRIBUTARY 10   | 4.73                    | 6,658             | 3,336              | 13,283             |
| WILSON CREEK TRIBUTARY 10   | 4.98                    | 6,423             | 3,218              | 12,814             |
| WILSON CREEK TRIBUTARY 10-1 | 0.51                    | 1,109             | 556                | 2,213              |
| WILSON CREEK TRIBUTARY 10-1 | 0.99                    | 2,089             | 1,047              | 4,168              |
| WILSON CREEK TRIBUTARY 10-1 | 1.49                    | 3,010             | 1,508              | 6,004              |
| WILSON CREEK TRIBUTARY 10-1 | 1.52                    | 2,849             | 1,427              | 5,684              |
| WILSON CREEK TRIBUTARY 11   | 0.93                    | 1,994             | 999                | 3,978              |
| WILSON CREEK TRIBUTARY 11   | 1.01                    | 2,100             | 1,052              | 4,190              |
| WILSON CREEK TRIBUTARY 11   | 1.38                    | 2,501             | 1,253              | 4,990              |
| WILSON CREEK TRIBUTARY 12   | 1.06                    | 1,873             | 938                | 3,737              |
| WILSON CREEK TRIBUTARY 12   | 1.19                    | 1,956             | 980                | 3,901              |
| WILSON CREEK TRIBUTARY 14   | 0.53                    | 1,328             | 665                | 2,649              |
| WILSON CREEK TRIBUTARY 14   | 0.56                    | 1,372             | 687                | 2,737              |
| WILSON CREEK TRIBUTARY 15   | 0.73                    | 1,589             | 796                | 3,171              |
| WILSON CREEK TRIBUTARY 15   | 1.23                    | 2,449             | 1,227              | 4,885              |
| WILSON CREEK TRIBUTARY 15   | 1.39                    | 2,446             | 1,225              | 4,879              |
| WILSON CREEK TRIBUTARY 15   | 2.57                    | 4,374             | 2,191              | 8,726              |
| WILSON CREEK TRIBUTARY 15   | 3                       | 4,834             | 2,422              | 9,644              |
| WILSON CREEK TRIBUTARY 16   | 0.36                    | 770               | 386                | 1,536              |
| WILSON CREEK TRIBUTARY 4    | 0.5                     | 1,200             | 601                | 2,395              |
| WILSON CREEK TRIBUTARY 4    | 0.63                    | 1,485             | 744                | 2,962              |
| WILSON CREEK TRIBUTARY 5    | 0.36                    | 1,000             | 501                | 1,995              |
| WILSON CREEK TRIBUTARY 7    | 0.51                    | 1,272             | 637                | 2,538              |
| WILSON CREEK TRIBUTARY 7    | 0.55                    | 1,320             | 661                | 2,634              |
| WILSON CREEK TRIBUTARY 7    | 1.77                    | 3,484             | 1,745              | 6,950              |

| Stream Name                             | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|-----------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                         |                         | (cfs)             | (cfs)              | (cfs)              |
| WILSON CREEK TRIBUTARY 9                | 0.82                    | 1,631             | 817                | 3,254              |
| WILSON CREEK TRIBUTARY 9                | 1.39                    | 2,554             | 1,279              | 5,095              |
| WILSON CREEK TRIBUTARY 9                | 2.1                     | 3,500             | 1,754              | 6,983              |
| <b>INDIAN CREEK – PILOT GROVE CREEK</b> |                         |                   |                    |                    |
| ARNOLD CREEK                            | 0.29                    | 551               | 276                | 1,100              |
| ARNOLD CREEK                            | 1.26                    | 1,971             | 987                | 3,932              |
| ARNOLD CREEK                            | 1.4                     | 2,247             | 1,126              | 4,484              |
| ARNOLD CREEK                            | 1.76                    | 2,628             | 1,317              | 5,243              |
| ARNOLD CREEK                            | 2.22                    | 3,199             | 1,603              | 6,382              |
| ARNOLD CREEK                            | 2.72                    | 3,754             | 1,881              | 7,489              |
| ARNOLD CREEK                            | 2.87                    | 3,667             | 1,837              | 7,316              |
| ARNOLD CREEK                            | 4.61                    | 5,848             | 2,930              | 11,667             |
| ARNOLD CREEK                            | 5.1                     | 6,285             | 3,149              | 12,538             |
| ARNOLD CREEK                            | 6.49                    | 7,467             | 3,741              | 14,897             |
| ARNOLD CREEK                            | 7.58                    | 8,152             | 4,084              | 16,263             |
| ARNOLD CREEK                            | 10.41                   | 10,578            | 5,299              | 21,102             |
| ARNOLD CREEK                            | 11.68                   | 11,058            | 5,540              | 22,060             |
| ARNOLD CREEK                            | 11.88                   | 11,242            | 5,632              | 22,427             |
| ARNOLD CREEK                            | 17.74                   | 14,938            | 7,484              | 29,801             |
| ARNOLD CREEK                            | 18.47                   | 14,959            | 7,494              | 29,842             |
| ARNOLD CREEK                            | 19.2                    | 14,571            | 7,300              | 29,068             |
| ARNOLD CREEK                            | 34.76                   | 23,144            | 11,595             | 46,172             |
| ARNOLD CREEK                            | 40.81                   | 25,656            | 12,853             | 51,183             |
| ARNOLD CREEK                            | 41.79                   | 25,418            | 12,734             | 50,708             |
| ARNOLD CREEK                            | 45.45                   | 26,822            | 13,438             | 53,510             |
| ARNOLD CREEK                            | 46.52                   | 26,852            | 13,453             | 53,570             |
| ARNOLD CREEK                            | 48.08                   | 25,998            | 13,025             | 51,865             |
| ARNOLD CREEK                            | 48.31                   | 25,894            | 12,973             | 51,659             |
| ARNOLD CREEK                            | 52.27                   | 27,560            | 13,807             | 54,982             |
| ARNOLD CREEK TRIBUTARY 5                | 0.51                    | 1,251             | 627                | 2,496              |
| ARNOLD CREEK TRIBUTARY 5                | 0.89                    | 1,777             | 890                | 3,545              |
| ARNOLD CREEK TRIBUTARY 5                | 1.16                    | 2,263             | 1,134              | 4,515              |
| ARNOLD CREEK TRIBUTARY 5                | 1.37                    | 2,549             | 1,277              | 5,084              |
| ARNOLD CREEK TRIBUTARY 5                | 1.77                    | 2,962             | 1,484              | 5,909              |
| ARNOLD CREEK TRIBUTARY 5                | 2.07                    | 3,361             | 1,684              | 6,704              |
| ARNOLD CREEK TRIBUTARY 5                | 2.44                    | 3,705             | 1,856              | 7,390              |
| ARNOLD CREEK TRIBUTARY 5                | 2.54                    | 3,827             | 1,917              | 7,634              |
| ARNOLD CREEK TRIBUTARY 6                | 0.5                     | 1,100             | 551                | 2,195              |

| Stream Name                | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|----------------------------|-------------------------|-------------------|--------------------|--------------------|
|                            |                         | (cfs)             | (cfs)              | (cfs)              |
| ARNOLD CREEK TRIBUTARY 6   | 0.57                    | 1,166             | 584                | 2,327              |
| ARNOLD CREEK TRIBUTARY 6   | 0.9                     | 1,620             | 812                | 3,232              |
| ARNOLD CREEK TRIBUTARY 6   | 0.98                    | 1,759             | 881                | 3,509              |
| ARNOLD CREEK TRIBUTARY 8   | 0.31                    | 785               | 393                | 1,567              |
| ARNOLD CREEK TRIBUTARY 9.1 | 0.69                    | 1,622             | 812                | 3,235              |
| ARNOLD CREEK TRIBUTARY 9.1 | 0.76                    | 1,563             | 783                | 3,117              |
| ARNOLD CREEK TRIBUTARY 9.1 | 1.51                    | 2,727             | 1,366              | 5,440              |
| BAILEY CREEK               | 0.96                    | 1,596             | 799                | 3,183              |
| BAILEY CREEK               | 1.4                     | 2,032             | 1,018              | 4,054              |
| BAILEY CREEK               | 1.9                     | 2,753             | 1,379              | 5,492              |
| BAILEY CREEK               | 2.39                    | 3,429             | 1,718              | 6,841              |
| BAILEY CREEK               | 2.78                    | 3,719             | 1,863              | 7,419              |
| BAILEY CREEK               | 2.95                    | 4,015             | 2,012              | 8,010              |
| BEAR CREEK                 | 0.84                    | 1,397             | 700                | 2,786              |
| BEAR CREEK                 | 1.31                    | 2,121             | 1,063              | 4,232              |
| BEAR CREEK                 | 2.92                    | 3,760             | 1,884              | 7,502              |
| BEAR CREEK                 | 3.47                    | 4,353             | 2,181              | 8,683              |
| BEAR CREEK                 | 3.6                     | 4,480             | 2,244              | 8,937              |
| BEAR CREEK                 | 3.86                    | 4,918             | 2,464              | 9,811              |
| BEAR CREEK                 | 4.87                    | 5,957             | 2,984              | 11,884             |
| BEAR CREEK                 | 5.18                    | 5,820             | 2,916              | 11,611             |
| BEAR CREEK                 | 8.86                    | 9,322             | 4,670              | 18,597             |
| BEAR CREEK                 | 9.48                    | 9,764             | 4,892              | 19,479             |
| BEAR CREEK                 | 10.39                   | 9,970             | 4,995              | 19,891             |
| BEAR CREEK                 | 11.07                   | 10,176            | 5,098              | 20,301             |
| BEAR CREEK                 | 11.3                    | 10,704            | 5,363              | 21,354             |
| BEAR CREEK                 | 11.77                   | 10,703            | 5,362              | 21,352             |
| BEAR CREEK                 | 12.23                   | 11,118            | 5,570              | 22,180             |
| BEAR CREEK                 | 12.66                   | 10,688            | 5,355              | 21,323             |
| BEAR CREEK                 | 12.87                   | 11,077            | 5,549              | 22,098             |
| BEAR CREEK                 | 13.26                   | 11,397            | 5,710              | 22,737             |
| BEAR CREEK                 | 14.09                   | 11,517            | 5,770              | 22,975             |
| BEAR CREEK                 | 14.54                   | 11,418            | 5,720              | 22,779             |
| BEAR CREEK                 | 14.65                   | 10,943            | 5,483              | 21,832             |
| BEAR CREEK                 | 15.48                   | 11,046            | 5,534              | 22,036             |
| BEAR CREEK                 | 15.98                   | 11,427            | 5,725              | 22,797             |
| BEAR CREEK                 | 16.04                   | 11,409            | 5,716              | 22,760             |
| BONEY CREEK                | 0.57                    | 1,001             | 501                | 1,997              |

| Stream Name             | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|-------------------------|-------------------------|-------------------|--------------------|--------------------|
|                         |                         | (cfs)             | (cfs)              | (cfs)              |
| BONEY CREEK             | 1.03                    | 1,763             | 883                | 3,516              |
| BONEY CREEK             | 1.53                    | 2,683             | 1,344              | 5,352              |
| BONEY CREEK             | 1.55                    | 2,751             | 1,378              | 5,488              |
| BONEY CREEK             | 1.93                    | 3,146             | 1,576              | 6,277              |
| BONEY CREEK             | 2.42                    | 3,650             | 1,829              | 7,282              |
| BONEY CREEK             | 2.64                    | 3,910             | 1,959              | 7,800              |
| CEDAR CREEK             | 0.48                    | 1,265             | 634                | 2,524              |
| CEDAR CREEK             | 1.27                    | 2,488             | 1,246              | 4,963              |
| CEDAR CREEK             | 2.38                    | 3,842             | 1,925              | 7,666              |
| CEDAR CREEK             | 2.8                     | 4,616             | 2,313              | 9,210              |
| CEDAR CREEK             | 3.25                    | 4,848             | 2,429              | 9,672              |
| CEDAR CREEK             | 3.69                    | 5,160             | 2,585              | 10,294             |
| CEDAR CREEK             | 3.96                    | 5,215             | 2,612              | 10,403             |
| CEDAR CREEK TRIBUTARY 1 | 0.23                    | 586               | 294                | 1,169              |
| CEDAR CREEK TRIBUTARY 2 | 0.64                    | 1,292             | 647                | 2,578              |
| CEDAR CREEK TRIBUTARY 2 | 0.89                    | 1,717             | 860                | 3,426              |
| CEDAR CREEK TRIBUTARY 2 | 1.08                    | 1,994             | 999                | 3,977              |
| CEDAR CREEK TRIBUTARY 3 | 0.64                    | 1,353             | 678                | 2,699              |
| CONNER CREEK            | 1                       | 2,244             | 1,124              | 4,476              |
| CONNER CREEK            | 1.5                     | 2,887             | 1,446              | 5,759              |
| CONNER CREEK            | 1.76                    | 3,198             | 1,602              | 6,380              |
| CONNER CREEK            | 2.28                    | 3,978             | 1,993              | 7,936              |
| CONNER CREEK            | 3.44                    | 4,978             | 2,494              | 9,932              |
| CONNER CREEK            | 3.93                    | 5,546             | 2,779              | 11,064             |
| CONNER CREEK            | 4.74                    | 6,414             | 3,213              | 12,795             |
| DELBA CREEK             | 0.51                    | 917               | 459                | 1,829              |
| DELBA CREEK             | 1                       | 1,625             | 814                | 3,242              |
| DELBA CREEK             | 1.46                    | 2,342             | 1,173              | 4,673              |
| DELBA CREEK             | 1.71                    | 2,644             | 1,324              | 5,274              |
| DELBA CREEK             | 2.95                    | 4,292             | 2,150              | 8,563              |
| DELBA CREEK             | 3.45                    | 4,644             | 2,327              | 9,265              |
| DELBA CREEK             | 3.94                    | 5,108             | 2,559              | 10,190             |
| DELBA CREEK             | 4.43                    | 5,688             | 2,850              | 11,348             |
| DELBA CREEK             | 4.75                    | 5,951             | 2,981              | 11,872             |
| DELBA CREEK             | 5                       | 6,126             | 3,069              | 12,220             |
| DELBA CREEK             | 5.42                    | 6,508             | 3,260              | 12,983             |
| DELBA CREEK             | 5.65                    | 6,596             | 3,304              | 13,159             |
| DELBA CREEK             | 5.89                    | 6,809             | 3,411              | 13,583             |

| Stream Name              | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|--------------------------|-------------------------|-------------------|--------------------|--------------------|
|                          |                         | (cfs)             | (cfs)              | (cfs)              |
| DELBA CREEK              | 6.3                     | 6,878             | 3,446              | 13,722             |
| DELBA CREEK              | 6.66                    | 6,944             | 3,479              | 13,853             |
| DESERT CREEK             | 1.31                    | 2,053             | 1,029              | 4,096              |
| DESERT CREEK             | 1.42                    | 2,157             | 1,081              | 4,304              |
| DESERT CREEK             | 2.02                    | 3,046             | 1,526              | 6,077              |
| DESERT CREEK             | 2.38                    | 3,410             | 1,708              | 6,802              |
| DESERT CREEK             | 2.66                    | 3,651             | 1,829              | 7,284              |
| DESERT CREEK             | 2.88                    | 3,904             | 1,956              | 7,788              |
| DESERT CREEK             | 3.28                    | 4,339             | 2,174              | 8,656              |
| DESERT CREEK             | 3.44                    | 4,459             | 2,234              | 8,895              |
| DESERT CREEK             | 4.05                    | 5,058             | 2,534              | 10,091             |
| DESERT CREEK             | 4.42                    | 5,058             | 2,534              | 10,090             |
| DESERT CREEK             | 4.66                    | 4,962             | 2,486              | 9,898              |
| DESERT CREEK             | 5.12                    | 5,809             | 2,910              | 11,588             |
| DESERT CREEK             | 5.4                     | 6,036             | 3,024              | 12,042             |
| DESERT CREEK             | 6.96                    | 7,255             | 3,635              | 14,474             |
| DESERT CREEK             | 7.81                    | 7,750             | 3,883              | 15,461             |
| DESERT CREEK             | 8.25                    | 7,813             | 3,914              | 15,587             |
| DESERT CREEK             | 8.66                    | 7,763             | 3,889              | 15,487             |
| DESERT CREEK             | 9                       | 7,651             | 3,833              | 15,264             |
| DESERT CREEK             | 10.11                   | 8,637             | 4,327              | 17,230             |
| DESERT CREEK             | 10.6                    | 8,677             | 4,347              | 17,311             |
| DESERT CREEK             | 11.82                   | 9,289             | 4,654              | 18,531             |
| DESERT CREEK             | 12.11                   | 9,286             | 4,652              | 18,525             |
| DESERT CREEK             | 12.6                    | 9,577             | 4,798              | 19,105             |
| DESERT CREEK             | 12.98                   | 9,888             | 4,954              | 19,726             |
| DESERT CREEK             | 13.16                   | 9,600             | 4,809              | 19,151             |
| DESERT CREEK             | 13.43                   | 10,096            | 5,058              | 20,142             |
| DESERT CREEK             | 13.9                    | 10,253            | 5,137              | 20,454             |
| DESERT CREEK             | 14.34                   | 10,379            | 5,200              | 20,706             |
| DESERT CREEK             | 14.6                    | 10,373            | 5,197              | 20,695             |
| DESERT CREEK TRIBUTARY 3 | 0.6                     | 1,277             | 640                | 2,547              |
| DESERT CREEK TRIBUTARY 3 | 0.62                    | 1,284             | 643                | 2,561              |
| DODGE ROCK CREEK         | 0.51                    | 874               | 438                | 1,743              |
| DODGE ROCK CREEK         | 1                       | 1,591             | 797                | 3,174              |
| DODGE ROCK CREEK         | 1.5                     | 2,210             | 1,107              | 4,409              |
| DODGE ROCK CREEK         | 1.68                    | 2,414             | 1,210              | 4,816              |
| DOG CREEK                | 1.06                    | 1,515             | 759                | 3,022              |

| Stream Name                 | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|-----------------------------|-------------------------|-------------------|--------------------|--------------------|
|                             |                         | (cfs)             | (cfs)              | (cfs)              |
| DOG CREEK                   | 1.31                    | 1,841             | 922                | 3,672              |
| DOG CREEK                   | 1.8                     | 2,558             | 1,282              | 5,103              |
| DOG CREEK                   | 2.29                    | 3,111             | 1,559              | 6,206              |
| DOG CREEK                   | 2.97                    | 3,607             | 1,807              | 7,195              |
| DOG CREEK                   | 3.25                    | 3,915             | 1,961              | 7,810              |
| DOG CREEK                   | 3.47                    | 4,147             | 2,078              | 8,273              |
| EAST FORK                   | 0.63                    | 1,300             | 651                | 2,594              |
| EAST FORK                   | 0.87                    | 1,771             | 887                | 3,532              |
| EAST FORK                   | 1.37                    | 2,491             | 1,248              | 4,969              |
| EAST FORK                   | 1.39                    | 2,492             | 1,248              | 4,971              |
| EAST FORK PILOT GROVE CREEK | 0.5                     | 1,079             | 540                | 2,152              |
| EAST FORK PILOT GROVE CREEK | 1.03                    | 3,212             | 1,609              | 6,409              |
| EAST FORK PILOT GROVE CREEK | 1.15                    | 2,127             | 1,066              | 4,244              |
| EAST FORK PILOT GROVE CREEK | 1.61                    | 3,008             | 1,507              | 6,000              |
| EAST FORK PILOT GROVE CREEK | 1.95                    | 3,375             | 1,691              | 6,733              |
| EAST FORK PILOT GROVE CREEK | 3.09                    | 4,612             | 2,311              | 9,201              |
| EAST FORK PILOT GROVE CREEK | 3.59                    | 4,957             | 2,484              | 9,890              |
| EAST FORK PILOT GROVE CREEK | 4.07                    | 5,462             | 2,737              | 10,897             |
| EAST FORK PILOT GROVE CREEK | 4.57                    | 5,949             | 2,981              | 11,869             |
| EAST FORK PILOT GROVE CREEK | 4.68                    | 5,926             | 2,969              | 11,823             |
| EAST FORK PILOT GROVE CREEK | 6.42                    | 6,926             | 3,470              | 13,817             |
| ELM CREEK NORTH             | 1.01                    | 1,655             | 829                | 3,301              |
| ELM CREEK NORTH             | 1.81                    | 2,811             | 1,408              | 5,607              |
| ELM CREEK NORTH             | 2.29                    | 3,382             | 1,695              | 6,748              |
| ELM CREEK NORTH             | 2.74                    | 3,812             | 1,910              | 7,604              |
| ELM CREEK NORTH             | 3.09                    | 3,906             | 1,957              | 7,793              |
| ELM CREEK NORTH             | 4.94                    | 5,796             | 2,904              | 11,564             |
| ELM CREEK NORTH             | 5.49                    | 5,848             | 2,930              | 11,666             |
| ELM CREEK NORTH TRIBUTARY 2 | 0.7                     | 1,614             | 809                | 3,220              |
| ELM CREEK NORTH TRIBUTARY 2 | 1.7                     | 2,853             | 1,429              | 5,692              |
| HICKORY CREEK               | 0.52                    | 1,451             | 727                | 2,894              |
| HICKORY CREEK               | 0.95                    | 2,064             | 1,034              | 4,118              |
| HICKORY CREEK               | 1.26                    | 2,822             | 1,414              | 5,630              |
| HICKORY CREEK               | 2                       | 3,493             | 1,750              | 6,969              |
| HICKORY CREEK               | 2.41                    | 4,161             | 2,085              | 8,301              |
| HICKORY CREEK               | 2.85                    | 4,054             | 2,031              | 8,088              |
| HICKORY CREEK TRIBUTARY 2   | 0.49                    | 1,246             | 624                | 2,485              |
| INDIAN CREEK                | 0.57                    | 825               | 413                | 1,645              |

| Stream Name  | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|--------------|-------------------------|-------------------|--------------------|--------------------|
|              |                         | (cfs)             | (cfs)              | (cfs)              |
| INDIAN CREEK | 0.94                    | 1,458             | 730                | 2,908              |
| INDIAN CREEK | 1.43                    | 2,251             | 1,128              | 4,491              |
| INDIAN CREEK | 1.93                    | 2,878             | 1,442              | 5,741              |
| INDIAN CREEK | 2.37                    | 3,161             | 1,584              | 6,306              |
| INDIAN CREEK | 2.87                    | 3,785             | 1,896              | 7,551              |
| INDIAN CREEK | 3.37                    | 4,065             | 2,037              | 8,110              |
| INDIAN CREEK | 3.98                    | 4,468             | 2,239              | 8,914              |
| INDIAN CREEK | 4.34                    | 4,891             | 2,450              | 9,758              |
| INDIAN CREEK | 8.23                    | 8,245             | 4,131              | 16,449             |
| INDIAN CREEK | 8.59                    | 8,085             | 4,051              | 16,130             |
| INDIAN CREEK | 8.85                    | 8,336             | 4,176              | 16,631             |
| INDIAN CREEK | 12.3                    | 10,587            | 5,304              | 21,121             |
| INDIAN CREEK | 12.58                   | 10,962            | 5,492              | 21,869             |
| INDIAN CREEK | 19.58                   | 14,975            | 7,503              | 29,876             |
| INDIAN CREEK | 20.92                   | 15,285            | 7,658              | 30,493             |
| INDIAN CREEK | 21.75                   | 15,272            | 7,651              | 30,467             |
| INDIAN CREEK | 23.14                   | 15,373            | 7,702              | 30,669             |
| INDIAN CREEK | 24.14                   | 15,994            | 8,013              | 31,908             |
| INDIAN CREEK | 40.19                   | 23,905            | 11,977             | 47,691             |
| INDIAN CREEK | 40.72                   | 22,835            | 11,440             | 45,555             |
| INDIAN CREEK | 93.01                   | 43,112            | 21,599             | 86,008             |
| INDIAN CREEK | 93.51                   | 42,118            | 21,101             | 84,025             |
| INDIAN CREEK | 96.88                   | 42,720            | 21,403             | 85,226             |
| INDIAN CREEK | 98.46                   | 42,896            | 21,491             | 85,577             |
| INDIAN CREEK | 99.31                   | 42,704            | 21,395             | 85,194             |
| INDIAN CREEK | 102.21                  | 42,028            | 21,056             | 83,846             |
| INDIAN CREEK | 103.89                  | 41,058            | 20,570             | 81,911             |
| INDIAN CREEK | 119.07                  | 43,376            | 21,731             | 86,535             |
| LEE CREEK    | 1.14                    | 2,112             | 1,058              | 4,214              |
| LEE CREEK    | 1.47                    | 2,831             | 1,418              | 5,647              |
| LEE CREEK    | 1.8                     | 3,021             | 1,514              | 6,027              |
| LEE CREEK    | 2.09                    | 3,407             | 1,707              | 6,797              |
| LEE CREEK    | 2.23                    | 3,420             | 1,714              | 6,823              |
| LEE CREEK    | 2.72                    | 4,213             | 2,111              | 8,405              |
| LEE CREEK    | 2.94                    | 4,548             | 2,279              | 9,074              |
| LEE CREEK    | 3.42                    | 5,132             | 2,571              | 10,238             |
| LEE CREEK    | 3.71                    | 5,342             | 2,677              | 10,658             |
| LEE CREEK    | 6.58                    | 8,284             | 4,150              | 16,526             |

| Stream Name                     | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|---------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                 |                         | (cfs)             | (cfs)              | (cfs)              |
| LEE CREEK                       | 7.8                     | 9,286             | 4,652              | 18,526             |
| LEE CREEK                       | 9.35                    | 10,112            | 5,066              | 20,173             |
| LEE CREEK                       | 9.85                    | 10,371            | 5,196              | 20,691             |
| LEE CREEK                       | 10.7                    | 11,102            | 5,562              | 22,148             |
| LEE CREEK                       | 11.71                   | 11,059            | 5,540              | 22,062             |
| LEE CREEK                       | 11.77                   | 11,003            | 5,512              | 21,951             |
| LEE CREEK                       | 13.67                   | 11,698            | 5,861              | 23,338             |
| LEE CREEK                       | 14.82                   | 12,262            | 6,143              | 24,462             |
| LEE CREEK TRIBUTARY 8           | 1.21                    | 2,191             | 1,098              | 4,371              |
| LITTLE INDIAN CREEK             | 0.52                    | 1,199             | 601                | 2,392              |
| LITTLE INDIAN CREEK             | 0.97                    | 2,017             | 1,010              | 4,023              |
| LITTLE INDIAN CREEK             | 1.57                    | 2,673             | 1,339              | 5,333              |
| LITTLE INDIAN CREEK             | 1.92                    | 3,094             | 1,550              | 6,173              |
| LITTLE INDIAN CREEK             | 3.46                    | 4,683             | 2,346              | 9,342              |
| LITTLE INDIAN CREEK             | 4.52                    | 5,528             | 2,770              | 11,029             |
| LITTLE INDIAN CREEK             | 5.17                    | 6,176             | 3,094              | 12,322             |
| LITTLE INDIAN CREEK             | 5.89                    | 6,277             | 3,145              | 12,523             |
| LITTLE INDIAN CREEK             | 5.99                    | 6,148             | 3,080              | 12,264             |
| LITTLE INDIAN CREEK TRIBUTARY 4 | 0.74                    | 1,461             | 732                | 2,915              |
| LITTLE INDIAN CREEK TRIBUTARY 4 | 0.95                    | 1,542             | 773                | 3,077              |
| LITTLE INDIAN CREEK TRIBUTARY 5 | 0.5                     | 999               | 500                | 1,992              |
| LITTLE INDIAN CREEK TRIBUTARY 5 | 0.98                    | 1,640             | 821                | 3,271              |
| LITTLE INDIAN CREEK TRIBUTARY 5 | 1.04                    | 1,785             | 894                | 3,561              |
| PILOT GROVE CREEK               | 0.63                    | 1,426             | 715                | 2,846              |
| PILOT GROVE CREEK               | 0.97                    | 1,678             | 841                | 3,348              |
| PILOT GROVE CREEK               | 2.6                     | 4,024             | 2,016              | 8,028              |
| PILOT GROVE CREEK               | 3.61                    | 5,195             | 2,603              | 10,364             |
| PILOT GROVE CREEK               | 6.62                    | 8,111             | 4,063              | 16,181             |
| PILOT GROVE CREEK               | 7.06                    | 8,306             | 4,161              | 16,571             |
| PILOT GROVE CREEK               | 7.24                    | 7,947             | 3,981              | 15,854             |
| PILOT GROVE CREEK               | 15.46                   | 14,683            | 7,356              | 29,293             |
| PILOT GROVE CREEK               | 18.79                   | 16,809            | 8,421              | 33,534             |
| PILOT GROVE CREEK               | 25.71                   | 20,469            | 10,255             | 40,835             |
| PILOT GROVE CREEK               | 25.87                   | 20,808            | 10,425             | 41,513             |
| PILOT GROVE CREEK               | 27.1                    | 20,305            | 10,173             | 40,509             |
| PILOT GROVE CREEK               | 27.33                   | 20,426            | 10,233             | 40,750             |
| PILOT GROVE CREEK               | 32.39                   | 22,574            | 11,309             | 45,035             |
| PILOT GROVE CREEK               | 32.86                   | 19,325            | 9,682              | 38,553             |



| Stream Name                     | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|---------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                 |                         | (cfs)             | (cfs)              | (cfs)              |
| PILOT GROVE CREEK               | 33.29                   | 18,987            | 9,513              | 37,880             |
| PILOT GROVE CREEK               | 35.98                   | 20,897            | 10,469             | 41,690             |
| PILOT GROVE CREEK               | 37.84                   | 23,726            | 11,887             | 47,333             |
| PILOT GROVE CREEK               | 40.72                   | 23,541            | 11,794             | 46,965             |
| PILOT GROVE CREEK               | 41.09                   | 22,953            | 11,500             | 45,792             |
| PILOT GROVE CREEK               | 42.69                   | 23,983            | 12,015             | 47,845             |
| PILOT GROVE CREEK               | 44.02                   | 23,072            | 11,559             | 46,029             |
| PILOT GROVE CREEK               | 44.11                   | 23,495            | 11,771             | 46,873             |
| PILOT GROVE CREEK               | 45.49                   | 23,605            | 11,826             | 47,093             |
| PILOT GROVE CREEK               | 46.62                   | 23,998            | 12,023             | 47,876             |
| PILOT GROVE CREEK               | 48.29                   | 22,760            | 11,403             | 45,405             |
| PILOT GROVE CREEK               | 49.83                   | 23,902            | 11,975             | 47,684             |
| PILOT GROVE CREEK               | 50.86                   | 23,986            | 12,017             | 47,852             |
| PILOT GROVE CREEK               | 52.24                   | 22,694            | 11,369             | 45,274             |
| PILOT GROVE CREEK               | 54.42                   | 24,058            | 12,053             | 47,995             |
| PILOT GROVE CREEK               | 54.87                   | 22,794            | 11,420             | 45,473             |
| PILOT GROVE CREEK               | 57.28                   | 24,008            | 12,028             | 47,897             |
| PILOT GROVE CREEK               | 59.05                   | 23,220            | 11,633             | 46,324             |
| PILOT GROVE CREEK               | 59.06                   | 23,433            | 11,740             | 46,748             |
| PILOT GROVE CREEK               | 61.2                    | 24,047            | 12,048             | 47,974             |
| PILOT GROVE CREEK               | 61.83                   | 23,670            | 11,859             | 47,222             |
| PILOT GROVE CREEK               | 76.44                   | 27,954            | 14,005             | 55,768             |
| PILOT GROVE CREEK               | 78.99                   | 27,189            | 13,622             | 54,243             |
| PILOT GROVE CREEK               | 80.96                   | 27,985            | 14,021             | 55,830             |
| PILOT GROVE CREEK               | 83.44                   | 27,556            | 13,805             | 54,973             |
| PILOT GROVE CREEK               | 85.27                   | 27,890            | 13,973             | 55,640             |
| PILOT GROVE CREEK               | 205.36                  | 52,652            | 26,379             | 105,041            |
| PILOT GROVE CREEK TRIBUTARY 3   | 1.27                    | 1,690             | 847                | 3,372              |
| PILOT GROVE CREEK TRIBUTARY 5   | 1                       | 2,381             | 1,193              | 4,751              |
| PILOT GROVE CREEK TRIBUTARY 5   | 1.46                    | 2,819             | 1,412              | 5,623              |
| PILOT GROVE CREEK TRIBUTARY 6   | 0.9                     | 2,189             | 1,097              | 4,367              |
| PILOT GROVE CREEK TRIBUTARY 6   | 2.41                    | 3,773             | 1,890              | 7,528              |
| PILOT GROVE CREEK TRIBUTARY 6   | 2.42                    | 3,902             | 1,955              | 7,785              |
| PILOT GROVE CREEK TRIBUTARY 6-1 | 1                       | 2,075             | 1,040              | 4,140              |
| POT RACK CREEK                  | 0.51                    | 969               | 485                | 1,932              |
| POT RACK CREEK                  | 1.01                    | 1,664             | 834                | 3,320              |
| POT RACK CREEK                  | 1.51                    | 2,235             | 1,120              | 4,459              |
| POT RACK CREEK                  | 1.82                    | 2,596             | 1,300              | 5,178              |

| Stream Name               | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|---------------------------|-------------------------|-------------------|--------------------|--------------------|
|                           |                         | (cfs)             | (cfs)              | (cfs)              |
| POT ROCK CREEK            | 3.84                    | 4,980             | 2,495              | 9,935              |
| POT ROCK CREEK            | 4.27                    | 5,367             | 2,689              | 10,707             |
| POT ROCK CREEK            | 4.44                    | 5,281             | 2,646              | 10,535             |
| POT ROCK CREEK            | 5.08                    | 5,792             | 2,902              | 11,555             |
| POT ROCK CREEK            | 5.5                     | 5,956             | 2,984              | 11,882             |
| POT ROCK CREEK            | 5.99                    | 6,432             | 3,222              | 12,831             |
| POT ROCK CREEK            | 6.43                    | 6,567             | 3,290              | 13,100             |
| POT ROCK CREEK            | 6.76                    | 6,730             | 3,371              | 13,425             |
| POT ROCK CREEK            | 7.2                     | 7,031             | 3,522              | 14,027             |
| POT ROCK CREEK            | 7.3                     | 7,164             | 3,589              | 14,291             |
| POT ROCK CREEK            | 7.76                    | 7,124             | 3,569              | 14,212             |
| POT ROCK CREEK            | 8.25                    | 7,506             | 3,760              | 14,973             |
| POT ROCK CREEK            | 8.33                    | 7,610             | 3,812              | 15,181             |
| POT ROCK CREEK            | 8.95                    | 7,864             | 3,940              | 15,689             |
| POT ROCK CREEK            | 9.45                    | 8,060             | 4,038              | 16,079             |
| POT ROCK CREEK            | 9.82                    | 8,430             | 4,223              | 16,817             |
| POT ROCK CREEK            | 10.9                    | 8,799             | 4,408              | 17,554             |
| POT ROCK CREEK            | 11.37                   | 8,853             | 4,435              | 17,661             |
| POT ROCK CREEK            | 11.73                   | 9,392             | 4,705              | 18,737             |
| POT ROCK CREEK            | 12.14                   | 9,610             | 4,815              | 19,173             |
| POT ROCK CREEK            | 13.25                   | 10,116            | 5,068              | 20,182             |
| POT ROCK CREEK            | 14.12                   | 9,755             | 4,887              | 19,461             |
| POT ROCK CREEK            | 15.15                   | 10,353            | 5,187              | 20,653             |
| RED OAK CREEK             | 0.87                    | 1,827             | 915                | 3,644              |
| RED OAK CREEK             | 1.36                    | 2,554             | 1,279              | 5,095              |
| RED OAK CREEK             | 2.51                    | 3,652             | 1,829              | 7,285              |
| RED OAK CREEK             | 2.58                    | 3,336             | 1,671              | 6,655              |
| RED OAK CREEK             | 3.28                    | 4,530             | 2,269              | 9,037              |
| RED OAK CREEK TRIBUTARY 1 | 0.53                    | 1,224             | 613                | 2,443              |
| RED OAK CREEK TRIBUTARY 1 | 0.64                    | 1,292             | 647                | 2,577              |
| RED OAK CREEK TRIBUTARY 2 | 0.39                    | 1,018             | 510                | 2,032              |
| RED OAK CREEK WEST        | 1.17                    | 2,610             | 1,307              | 5,206              |
| RED OAK CREEK WEST        | 1.65                    | 3,201             | 1,604              | 6,387              |
| RED OAK CREEK WEST        | 2.11                    | 3,487             | 1,747              | 6,956              |
| RED OAK CREEK WEST        | 2.38                    | 3,425             | 1,716              | 6,833              |
| UNT 0 IN EFT              | 0.18                    | 490               | 246                | 978                |
| UNT 25 IN EFT             | 0.13                    | 370               | 186                | 739                |
| UNT 25 IN EFT             | 0.42                    | 947               | 475                | 1,891              |

| Stream Name                            | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|----------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                        |                         | (cfs)             | (cfs)              | (cfs)              |
| UNT 71 IN EFT                          | 0.05                    | 132               | 66                 | 263                |
| UNT 72 IN EFT                          | 0.32                    | 802               | 402                | 1,600              |
| UNT 73 IN EFT                          | 0.4                     | 1,057             | 530                | 2,110              |
| UNT 74 IN EFT                          | 0.49                    | 1,205             | 604                | 2,404              |
| UNT 75 IN EFT                          | 0.19                    | 369               | 185                | 736                |
| UNT 76 IN EFT                          | 0.36                    | 959               | 480                | 1,913              |
| UNT 77 IN EFT                          | 0.1                     | 308               | 154                | 614                |
| UNT 78 IN EFT                          | 1.2                     | 1,388             | 696                | 2,770              |
| UNT 79 IN EFT                          | 0.12                    | 354               | 177                | 706                |
| UNT 80 IN EFT                          | 0.55                    | 1,324             | 664                | 2,642              |
| UNT 81 IN EFT                          | 0.15                    | 556               | 279                | 1,109              |
| UNT 82 IN EFT                          | 0.04                    | 150               | 75                 | 299                |
| UNT 83 IN EFT                          | 0.27                    | 693               | 348                | 1,384              |
| UNT 84 IN EFT                          | 0.24                    | 598               | 300                | 1,194              |
| UNT 85 IN EFT                          | 0.1                     | 349               | 175                | 697                |
| UNT 85 IN EFT                          | 0.19                    | 518               | 259                | 1,033              |
| UNT 86 IN EFT                          | 0.26                    | 670               | 336                | 1,336              |
| UNT1144 IN EAST FORK TRINITY WATERSHED | 0.54                    | 1,207             | 605                | 2,407              |
| UNT1146 IN EAST FORK TRINITY WATERSHED | 0.19                    | 544               | 273                | 1,085              |
| UNT1148 IN EAST FORK TRINITY WATERSHED | 0.3                     | 619               | 310                | 1,235              |
| UNT1150 IN EAST FORK TRINITY WATERSHED | 0.17                    | 488               | 244                | 974                |
| UNT1152 IN EAST FORK TRINITY WATERSHED | 0.5                     | 1,056             | 529                | 2,106              |
| UNT1152 IN EAST FORK TRINITY WATERSHED | 0.51                    | 1,071             | 536                | 2,136              |
| UNT1154 IN EAST FORK TRINITY WATERSHED | 0.84                    | 1,646             | 825                | 3,283              |
| UNT1156 IN EAST FORK TRINITY WATERSHED | 0.14                    | 463               | 232                | 924                |
| UNT1158 IN EAST FORK TRINITY WATERSHED | 0.61                    | 1,321             | 662                | 2,635              |
| UNT1158 IN EAST FORK TRINITY WATERSHED | 0.83                    | 1,762             | 883                | 3,515              |
| UNT1162 IN EAST FORK TRINITY WATERSHED | 0.14                    | 462               | 231                | 922                |
| UNT1164 IN EAST FORK TRINITY WATERSHED | 0.12                    | 389               | 195                | 776                |
| UNT1166 IN EAST FORK TRINITY WATERSHED | 0.76                    | 1,716             | 860                | 3,424              |
| UNT1168 IN EAST FORK TRINITY WATERSHED | 0.16                    | 454               | 227                | 905                |
| UNT1170 IN EAST FORK TRINITY WATERSHED | 0.33                    | 792               | 397                | 1,580              |
| UNT1172 IN EAST FORK TRINITY WATERSHED | 0.19                    | 457               | 229                | 911                |
| UNT1174 IN EAST FORK TRINITY WATERSHED | 0.24                    | 589               | 295                | 1,174              |
| UNT1176 IN EAST FORK TRINITY WATERSHED | 0.7                     | 1,816             | 910                | 3,622              |
| UNT1176 IN EAST FORK TRINITY WATERSHED | 0.83                    | 1,971             | 988                | 3,933              |
| UNT1178 IN EAST FORK TRINITY WATERSHED | 0.51                    | 1,443             | 723                | 2,878              |
| UNT1178 IN EAST FORK TRINITY WATERSHED | 0.69                    | 1,797             | 900                | 3,586              |

| Stream Name                            | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|----------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                        |                         | (cfs)             | (cfs)              | (cfs)              |
| UNT1180 IN EAST FORK TRINITY WATERSHED | 0.34                    | 792               | 397                | 1,581              |
| UNT1398 IN EAST FORK TRINITY WATERSHED | 0.29                    | 608               | 305                | 1,214              |
| UNT1400 IN EAST FORK TRINITY WATERSHED | 0.33                    | 721               | 361                | 1,439              |
| UNT1402 IN EAST FORK TRINITY WATERSHED | 0.26                    | 620               | 311                | 1,237              |
| UNT1404 IN EAST FORK TRINITY WATERSHED | 0.08                    | 259               | 130                | 516                |
| UNT147 IN EAST FORK TRINITY WATERSHED  | 1.01                    | 2,087             | 1,046              | 4,164              |
| UNT164 IN EAST FORK TRINITY WATERSHED  | 1.21                    | 1,913             | 958                | 3,816              |
| UNT164 IN EAST FORK TRINITY WATERSHED  | 1.61                    | 2,655             | 1,330              | 5,297              |
| UNT164 IN EAST FORK TRINITY WATERSHED  | 2.11                    | 3,176             | 1,591              | 6,337              |
| UNT164 IN EAST FORK TRINITY WATERSHED  | 2.55                    | 3,601             | 1,804              | 7,183              |
| UNT164 IN EAST FORK TRINITY WATERSHED  | 2.89                    | 3,858             | 1,933              | 7,696              |
| UNT164 IN EAST FORK TRINITY WATERSHED  | 3.03                    | 4,092             | 2,050              | 8,163              |
| UNT164 IN EAST FORK TRINITY WATERSHED  | 3.16                    | 4,110             | 2,059              | 8,199              |
| UNT164 IN EAST FORK TRINITY WATERSHED  | 3.47                    | 4,575             | 2,292              | 9,127              |
| UNT182 IN EAST FORK TRINITY WATERSHED  | 1.05                    | 2,221             | 1,113              | 4,431              |
| UNT182 IN EAST FORK TRINITY WATERSHED  | 1.3                     | 2,446             | 1,225              | 4,880              |
| UNT188 IN EAST FORK TRINITY WATERSHED  | 1.02                    | 1,952             | 978                | 3,894              |
| UNT188 IN EAST FORK TRINITY WATERSHED  | 1.37                    | 2,353             | 1,179              | 4,694              |
| UNT207 IN EAST FORK TRINITY WATERSHED  | 1                       | 2,082             | 1,043              | 4,154              |
| UNT207 IN EAST FORK TRINITY WATERSHED  | 1.47                    | 2,656             | 1,331              | 5,299              |
| UNT207 IN EAST FORK TRINITY WATERSHED  | 1.85                    | 3,040             | 1,523              | 6,065              |
| UNT207 IN EAST FORK TRINITY WATERSHED  | 2.28                    | 3,515             | 1,761              | 7,012              |
| UNT207 IN EAST FORK TRINITY WATERSHED  | 2.6                     | 3,764             | 1,886              | 7,510              |
| UNT235 IN EAST FORK TRINITY WATERSHED  | 1                       | 2,168             | 1,086              | 4,325              |
| UNT235 IN EAST FORK TRINITY WATERSHED  | 1.5                     | 2,705             | 1,355              | 5,397              |
| UNT235 IN EAST FORK TRINITY WATERSHED  | 1.72                    | 2,864             | 1,435              | 5,713              |
| UNT270 IN EAST FORK TRINITY WATERSHED  | 1.18                    | 2,274             | 1,139              | 4,537              |
| UNT270 IN EAST FORK TRINITY WATERSHED  | 1.59                    | 2,881             | 1,443              | 5,748              |
| UNT270 IN EAST FORK TRINITY WATERSHED  | 2.03                    | 3,348             | 1,677              | 6,680              |
| UNT270 IN EAST FORK TRINITY WATERSHED  | 2.28                    | 3,597             | 1,802              | 7,177              |
| UNT486 IN EAST FORK TRINITY WATERSHED  | 0.24                    | 606               | 303                | 1,208              |
| UNT487 IN EAST FORK TRINITY WATERSHED  | 0.91                    | 1,582             | 793                | 3,156              |
| UNT489 IN EAST FORK TRINITY WATERSHED  | 0.5                     | 1,074             | 538                | 2,142              |
| UNT489 IN EAST FORK TRINITY WATERSHED  | 0.77                    | 1,451             | 727                | 2,895              |
| UNT494 IN EAST FORK TRINITY WATERSHED  | 0.4                     | 958               | 480                | 1,911              |
| UNT497 IN EAST FORK TRINITY WATERSHED  | 0.32                    | 705               | 353                | 1,407              |
| UNT503 IN EAST FORK TRINITY WATERSHED  | 0.37                    | 835               | 418                | 1,666              |
| UNT503 IN EAST FORK TRINITY WATERSHED  | 0.49                    | 1,036             | 519                | 2,066              |

| Stream Name                           | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|---------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                       |                         | (cfs)             | (cfs)              | (cfs)              |
| UNT518 IN EAST FORK TRINITY WATERSHED | 0.5                     | 1,232             | 617                | 2,458              |
| UNT518 IN EAST FORK TRINITY WATERSHED | 0.84                    | 1,228             | 615                | 2,449              |
| UNT519 IN EAST FORK TRINITY WATERSHED | 0.5                     | 1,020             | 511                | 2,036              |
| UNT519 IN EAST FORK TRINITY WATERSHED | 0.86                    | 1,490             | 746                | 2,973              |
| UNT519 IN EAST FORK TRINITY WATERSHED | 1.36                    | 1,945             | 974                | 3,880              |
| UNT519 IN EAST FORK TRINITY WATERSHED | 1.79                    | 2,057             | 1,030              | 4,103              |
| UNT519 IN EAST FORK TRINITY WATERSHED | 3.01                    | 3,083             | 1,545              | 6,151              |
| UNT521 IN EAST FORK TRINITY WATERSHED | 0.6                     | 1,196             | 599                | 2,385              |
| UNT521 IN EAST FORK TRINITY WATERSHED | 0.67                    | 1,209             | 606                | 2,412              |
| UNT522 IN EAST FORK TRINITY WATERSHED | 0.57                    | 1,006             | 504                | 2,008              |
| UNT522 IN EAST FORK TRINITY WATERSHED | 0.81                    | 1,365             | 684                | 2,724              |
| UNT526 IN EAST FORK TRINITY WATERSHED | 0.09                    | 231               | 115                | 460                |
| UNT528 IN EAST FORK TRINITY WATERSHED | 0.39                    | 955               | 479                | 1,906              |
| UNT529 IN EAST FORK TRINITY WATERSHED | 0.91                    | 1,763             | 883                | 3,517              |
| UNT529 IN EAST FORK TRINITY WATERSHED | 1.06                    | 1,916             | 960                | 3,823              |
| UNT530 IN EAST FORK TRINITY WATERSHED | 0.71                    | 1,287             | 645                | 2,568              |
| UNT530 IN EAST FORK TRINITY WATERSHED | 1.54                    | 2,393             | 1,199              | 4,773              |
| UNT532 IN EAST FORK TRINITY WATERSHED | 0.5                     | 933               | 467                | 1,860              |
| UNT532 IN EAST FORK TRINITY WATERSHED | 0.74                    | 1,331             | 667                | 2,655              |
| UNT532 IN EAST FORK TRINITY WATERSHED | 0.77                    | 1,261             | 632                | 2,516              |
| UNT533 IN EAST FORK TRINITY WATERSHED | 1                       | 1,740             | 872                | 3,472              |
| UNT533 IN EAST FORK TRINITY WATERSHED | 1.15                    | 1,922             | 963                | 3,835              |
| UNT536 IN EAST FORK TRINITY WATERSHED | 0.44                    | 1,020             | 511                | 2,035              |
| UNT538 IN EAST FORK TRINITY WATERSHED | 0.31                    | 671               | 336                | 1,339              |
| UNT538 IN EAST FORK TRINITY WATERSHED | 0.44                    | 895               | 448                | 1,785              |
| UNT540 IN EAST FORK TRINITY WATERSHED | 0.49                    | 1,037             | 520                | 2,070              |
| UNT541 IN EAST FORK TRINITY WATERSHED | 0.84                    | 1,694             | 849                | 3,380              |
| UNT541 IN EAST FORK TRINITY WATERSHED | 1.12                    | 2,051             | 1,028              | 4,092              |
| UNT541 IN EAST FORK TRINITY WATERSHED | 1.54                    | 2,627             | 1,316              | 5,241              |
| UNT546 IN EAST FORK TRINITY WATERSHED | 0.35                    | 987               | 494                | 1,969              |
| UNT75 IN EAST FORK TRINITY WATERSHED  | 1.05                    | 1,957             | 980                | 3,904              |
| UNT75 IN EAST FORK TRINITY WATERSHED  | 1.47                    | 2,172             | 1,088              | 4,333              |
| UNT75 IN EAST FORK TRINITY WATERSHED  | 2.1                     | 2,893             | 1,449              | 5,772              |
| UNT775 IN EAST FORK TRINITY WATERSHED | 0.53                    | 1,370             | 686                | 2,732              |
| UNT775 IN EAST FORK TRINITY WATERSHED | 0.67                    | 1,538             | 771                | 3,068              |
| UNT776 IN EAST FORK TRINITY WATERSHED | 1.14                    | 2,407             | 1,206              | 4,801              |
| UNT776 IN EAST FORK TRINITY WATERSHED | 1.3                     | 2,594             | 1,300              | 5,175              |
| UNT777 IN EAST FORK TRINITY WATERSHED | 0.96                    | 2,378             | 1,192              | 4,745              |

| Stream Name                           | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|---------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                       |                         | (cfs)             | (cfs)              | (cfs)              |
| UNT777 IN EAST FORK TRINITY WATERSHED | 1.36                    | 2,353             | 1,179              | 4,693              |
| UNT782 IN EAST FORK TRINITY WATERSHED | 0.65                    | 1,145             | 573                | 2,283              |
| UNT782 IN EAST FORK TRINITY WATERSHED | 0.81                    | 1,598             | 801                | 3,189              |
| UNT783 IN EAST FORK TRINITY WATERSHED | 0.87                    | 2,052             | 1,028              | 4,093              |
| UNT783 IN EAST FORK TRINITY WATERSHED | 0.9                     | 2,016             | 1,010              | 4,023              |
| UNT783 IN EAST FORK TRINITY WATERSHED | 1.87                    | 3,742             | 1,875              | 7,466              |
| UNT783 IN EAST FORK TRINITY WATERSHED | 2.77                    | 4,546             | 2,277              | 9,069              |
| UNT783 IN EAST FORK TRINITY WATERSHED | 3.15                    | 4,958             | 2,484              | 9,891              |
| UNT784 IN EAST FORK TRINITY WATERSHED | 0.59                    | 1,295             | 649                | 2,584              |
| UNT784 IN EAST FORK TRINITY WATERSHED | 1.13                    | 2,191             | 1,098              | 4,371              |
| UNT784 IN EAST FORK TRINITY WATERSHED | 1.22                    | 2,314             | 1,159              | 4,616              |
| UNT785 IN EAST FORK TRINITY WATERSHED | 0.51                    | 943               | 472                | 1,881              |
| UNT785 IN EAST FORK TRINITY WATERSHED | 0.98                    | 1,764             | 884                | 3,519              |
| UNT785 IN EAST FORK TRINITY WATERSHED | 1.1                     | 1,899             | 951                | 3,788              |
| UNT786 IN EAST FORK TRINITY WATERSHED | 0.94                    | 1,784             | 894                | 3,558              |
| UNT786 IN EAST FORK TRINITY WATERSHED | 1                       | 2,015             | 1,009              | 4,019              |
| UNT786 IN EAST FORK TRINITY WATERSHED | 1.82                    | 3,249             | 1,628              | 6,482              |
| UNT792 IN EAST FORK TRINITY WATERSHED | 0.28                    | 676               | 338                | 1,348              |
| UNT802 IN EAST FORK TRINITY WATERSHED | 0.16                    | 448               | 224                | 893                |
| UNT804 IN EAST FORK TRINITY WATERSHED | 0.13                    | 386               | 194                | 771                |
| UNT806 IN EAST FORK TRINITY WATERSHED | 0.22                    | 577               | 289                | 1,151              |
| UNT808 IN EAST FORK TRINITY WATERSHED | 0.52                    | 1,076             | 539                | 2,147              |
| UNT808 IN EAST FORK TRINITY WATERSHED | 0.81                    | 1,585             | 794                | 3,163              |
| UNT858 IN EAST FORK TRINITY WATERSHED | 0.54                    | 1,116             | 559                | 2,226              |
| UNT858 IN EAST FORK TRINITY WATERSHED | 0.76                    | 1,480             | 742                | 2,953              |
| WEST FORK PILOT GROVE CREEK           | 1.43                    | 3,239             | 1,623              | 6,462              |
| WEST FORK PILOT GROVE CREEK           | 1.65                    | 3,503             | 1,755              | 6,989              |
| WEST FORK PILOT GROVE CREEK           | 2.56                    | 4,572             | 2,291              | 9,122              |
| WEST FORK PILOT GROVE CREEK           | 4.34                    | 6,505             | 3,259              | 12,978             |
| WEST FORK PILOT GROVE CREEK           | 5.39                    | 6,968             | 3,491              | 13,900             |
| WEST FORK PILOT GROVE CREEK           | 5.89                    | 7,252             | 3,633              | 14,468             |
| WEST FORK PILOT GROVE CREEK           | 6.37                    | 6,855             | 3,435              | 13,677             |
| WEST FORK PILOT GROVE CREEK           | 7.62                    | 7,699             | 3,857              | 15,359             |
| <b>PILOT GROVE CREEK – LAVON LAKE</b> |                         |                   |                    |                    |
| BRINLEE BRANCH                        | 1.01                    | 2,210             | 1,107              | 4,409              |
| BRINLEE BRANCH                        | 1.27                    | 2,310             | 1,157              | 4,607              |
| BRINLEE BRANCH                        | 2.38                    | 3,731             | 1,869              | 7,443              |
| BRINLEE BRANCH                        | 2.86                    | 3,307             | 1,657              | 6,597              |

| Stream Name                    | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|--------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                |                         | (cfs)             | (cfs)              | (cfs)              |
| BRINLEE BRANCH                 | 3.02                    | 4,186             | 2,097              | 8,350              |
| EAST PRONG SISTER GROVER CREEK | 0.51                    | 1,316             | 659                | 2,625              |
| EAST PRONG SISTER GROVER CREEK | 0.56                    | 1,235             | 619                | 2,464              |
| EAST PRONG SISTER GROVER CREEK | 0.97                    | 2,038             | 1,021              | 4,065              |
| EAST PRONG SISTER GROVER CREEK | 1.26                    | 2,169             | 1,087              | 4,328              |
| EAST PRONG SISTER GROVER CREEK | 1.6                     | 2,643             | 1,324              | 5,273              |
| EAST PRONG SISTER GROVER CREEK | 3.43                    | 5,007             | 2,509              | 9,990              |
| EAST PRONG SISTER GROVER CREEK | 3.66                    | 5,092             | 2,551              | 10,158             |
| EAST PRONG SISTER GROVER CREEK | 4.14                    | 6,106             | 3,059              | 12,181             |
| EAST PRONG SISTER GROVER CREEK | 4.62                    | 5,936             | 2,974              | 11,843             |
| EAST PRONG SISTER GROVER CREEK | 4.93                    | 6,568             | 3,291              | 13,104             |
| EAST PRONG SISTER GROVER CREEK | 6.38                    | 7,562             | 3,789              | 15,087             |
| EAST PRONG SISTER GROVER CREEK | 7.03                    | 8,275             | 4,146              | 16,509             |
| EAST PRONG SISTER GROVER CREEK | 8.16                    | 8,920             | 4,469              | 17,796             |
| EAST PRONG SISTER GROVER CREEK | 8.67                    | 9,152             | 4,585              | 18,258             |
| EAST PRONG SISTER GROVER CREEK | 9.05                    | 9,205             | 4,611              | 18,363             |
| EAST PRONG SISTER GROVER CREEK | 9.2                     | 9,087             | 4,553              | 18,129             |
| EAST PRONG SISTER GROVER CREEK | 9.91                    | 9,927             | 4,973              | 19,804             |
| EAST PRONG SISTER GROVER CREEK | 10.22                   | 10,022            | 5,021              | 19,994             |
| EAST PRONG SISTER GROVER CREEK | 10.38                   | 9,792             | 4,906              | 19,535             |
| EAST PRONG SISTER GROVER CREEK | 11.45                   | 10,068            | 5,044              | 20,085             |
| ELM CREEK                      | 0.43                    | 836               | 419                | 1,667              |
| ELM CREEK                      | 1.29                    | 2,290             | 1,147              | 4,569              |
| ELM CREEK                      | 2.21                    | 3,580             | 1,794              | 7,143              |
| ELM CREEK                      | 4.47                    | 6,126             | 3,069              | 12,222             |
| ELM CREEK                      | 4.95                    | 6,456             | 3,234              | 12,879             |
| ELM CREEK                      | 5.32                    | 6,474             | 3,243              | 12,915             |
| ELM CREEK                      | 6.25                    | 7,061             | 3,538              | 14,087             |
| ELM CREEK                      | 9.38                    | 9,410             | 4,715              | 18,774             |
| ELM CREEK                      | 10.11                   | 9,482             | 4,750              | 18,916             |
| ELM CREEK                      | 13.84                   | 11,751            | 5,887              | 23,444             |
| ELM CREEK                      | 14.45                   | 12,177            | 6,101              | 24,294             |
| ELM CREEK                      | 18.1                    | 14,480            | 7,255              | 28,888             |
| ELM CREEK                      | 20.06                   | 14,834            | 7,432              | 29,593             |
| ELM CREEK                      | 21.92                   | 15,194            | 7,612              | 30,311             |
| ELM CREEK                      | 22.76                   | 15,788            | 7,910              | 31,497             |
| ELM CREEK                      | 23.67                   | 15,637            | 7,834              | 31,196             |
| ELM CREEK                      | 24.72                   | 15,483            | 7,757              | 30,889             |

| Stream Name                 | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|-----------------------------|-------------------------|-------------------|--------------------|--------------------|
|                             |                         | (cfs)             | (cfs)              | (cfs)              |
| ELM CREEK                   | 26.11                   | 14,941            | 7,485              | 29,807             |
| ELM CREEK                   | 27.26                   | 15,025            | 7,527              | 29,974             |
| ELM CREEK TRIBUTARY 1       | 0.51                    | 946               | 474                | 1,887              |
| ELM CREEK TRIBUTARY 1       | 0.52                    | 947               | 474                | 1,888              |
| ELM CREEK TRIBUTARY 2       | 0.72                    | 1,291             | 647                | 2,575              |
| ELM CREEK TRIBUTARY 4       | 0.5                     | 1,141             | 572                | 2,277              |
| ELM CREEK TRIBUTARY 4       | 0.59                    | 1,169             | 586                | 2,333              |
| ELM CREEK TRIBUTARY 4       | 1.77                    | 3,019             | 1,512              | 6,023              |
| ELM CREEK TRIBUTARY 4       | 2.27                    | 3,509             | 1,758              | 7,000              |
| ELM CREEK TRIBUTARY 4       | 2.77                    | 3,988             | 1,998              | 7,956              |
| ELM CREEK TRIBUTARY 4       | 2.88                    | 3,901             | 1,954              | 7,782              |
| ELM CREEK TRIBUTARY 4.1     | 0.51                    | 1,168             | 585                | 2,329              |
| ELM CREEK TRIBUTARY 4.1     | 0.68                    | 1,473             | 738                | 2,938              |
| ELM CREEK TRIBUTARY 5       | 0.52                    | 1,284             | 643                | 2,562              |
| ELM CREEK TRIBUTARY 5       | 0.55                    | 1,328             | 665                | 2,650              |
| ELM CREEK TRIBUTARY 7       | 0.46                    | 1,051             | 527                | 2,098              |
| ELM CREEK TRIBUTARY 8       | 0.77                    | 1,658             | 831                | 3,309              |
| ELM CREEK TRIBUTARY 8       | 0.86                    | 1,616             | 809                | 3,223              |
| ELM GROVE CREEK             | 4.21                    | 5,208             | 2,609              | 10,390             |
| ELM GROVE CREEK TRIBUTARY 1 | 0.47                    | 1,188             | 595                | 2,369              |
| ELM GROVE CREEK TRIBUTARY 2 | 0.5                     | 1,188             | 595                | 2,370              |
| ELM GROVE CREEK TRIBUTARY 2 | 0.71                    | 1,553             | 778                | 3,097              |
| ELM GROVE CREEK TRIBUTARY 2 | 1.22                    | 2,292             | 1,148              | 4,572              |
| GEORGE CREEK                | 1.22                    | 2,599             | 1,302              | 5,184              |
| GEORGE CREEK                | 1.46                    | 2,840             | 1,423              | 5,665              |
| GEORGE CREEK                | 2.45                    | 3,677             | 1,842              | 7,335              |
| GEORGE CREEK                | 3                       | 3,811             | 1,909              | 7,603              |
| GROVES CREEK                | 0.86                    | 1,934             | 969                | 3,859              |
| GROVES CREEK                | 1.54                    | 2,663             | 1,334              | 5,312              |
| GROVES CREEK                | 1.62                    | 2,504             | 1,255              | 4,996              |
| GROVES CREEK                | 1.83                    | 3,019             | 1,512              | 6,023              |
| GROVES CREEK                | 1.97                    | 3,193             | 1,599              | 6,369              |
| GROVES CREEK                | 4.24                    | 6,191             | 3,102              | 12,352             |
| GROVES CREEK                | 4.62                    | 6,440             | 3,226              | 12,847             |
| GROVES CREEK                | 5.5                     | 6,444             | 3,229              | 12,856             |
| GROVES CREEK                | 6.09                    | 6,729             | 3,371              | 13,425             |
| GROVES CREEK                | 7.25                    | 7,478             | 3,747              | 14,919             |
| GROVES CREEK                | 7.93                    | 7,108             | 3,561              | 14,181             |



| Stream Name                   | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|-------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                               |                         | (cfs)             | (cfs)              | (cfs)              |
| GROVES CREEK TRIBUTARY 1      | 0.52                    | 1,332             | 667                | 2,658              |
| GROVES CREEK TRIBUTARY 1      | 0.7                     | 1,629             | 816                | 3,250              |
| GROVES CREEK TRIBUTARY 1      | 1.79                    | 3,054             | 1,530              | 6,092              |
| GROVES CREEK TRIBUTARY 1.1    | 0.51                    | 1,179             | 591                | 2,352              |
| GROVES CREEK TRIBUTARY 1.1    | 1.01                    | 2,011             | 1,007              | 4,011              |
| GROVES CREEK TRIBUTARY 1.1    | 1.02                    | 2,014             | 1,009              | 4,018              |
| HARRINGTON BRANCH             | 1.03                    | 1,525             | 764                | 3,042              |
| HARRINGTON BRANCH             | 1.53                    | 2,131             | 1,068              | 4,252              |
| HARRINGTON BRANCH             | 1.88                    | 2,443             | 1,224              | 4,874              |
| HARRINGTON BRANCH             | 2.36                    | 2,797             | 1,401              | 5,580              |
| HARRINGTON BRANCH             | 2.75                    | 3,025             | 1,516              | 6,035              |
| HARRINGTON BRANCH             | 2.99                    | 3,107             | 1,557              | 6,199              |
| HARRINGTON BRANCH             | 3.35                    | 3,184             | 1,595              | 6,352              |
| HARRINGTON BRANCH             | 3.85                    | 4,191             | 2,099              | 8,360              |
| HARRINGTON BRANCH             | 4                       | 4,407             | 2,208              | 8,792              |
| HARRINGTON BRANCH             | 4.4                     | 4,741             | 2,375              | 9,457              |
| HARRINGTON BRANCH             | 4.9                     | 5,072             | 2,541              | 10,119             |
| HARRINGTON BRANCH             | 5.98                    | 5,636             | 2,824              | 11,244             |
| HARRINGTON BRANCH             | 6.18                    | 5,719             | 2,865              | 11,409             |
| HARRINGTON BRANCH             | 9.53                    | 8,232             | 4,124              | 16,423             |
| HARRINGTON BRANCH             | 11.05                   | 9,292             | 4,655              | 18,538             |
| HARRINGTON BRANCH             | 11.07                   | 9,065             | 4,542              | 18,085             |
| HARRINGTON BRANCH             | 11.77                   | 8,967             | 4,493              | 17,890             |
| HARRINGTON BRANCH             | 12.86                   | 8,852             | 4,435              | 17,660             |
| HARRINGTON BRANCH             | 15.61                   | 10,331            | 5,176              | 20,610             |
| HARRINGTON BRANCH TRIBUTARY 2 | 1.03                    | 1,807             | 905                | 3,604              |
| LICK BRANCH                   | 1.01                    | 1,403             | 703                | 2,800              |
| LICK BRANCH                   | 1.35                    | 1,741             | 872                | 3,472              |
| LICK BRANCH                   | 1.79                    | 2,262             | 1,133              | 4,513              |
| LICK BRANCH                   | 2.25                    | 2,519             | 1,262              | 5,026              |
| LICK BRANCH                   | 2.75                    | 3,156             | 1,581              | 6,297              |
| LICK BRANCH                   | 3.24                    | 3,463             | 1,735              | 6,909              |
| PILOT GROVE CREEK             | 205.55                  | 52,166            | 26,135             | 104,072            |
| PILOT GROVE CREEK             | 205.66                  | 49,508            | 24,803             | 98,768             |
| PILOT GROVE CREEK             | 206.48                  | 50,815            | 25,458             | 101,376            |
| PILOT GROVE CREEK             | 222.59                  | 52,466            | 26,285             | 104,669            |
| PILOT GROVE CREEK             | 222.79                  | 51,026            | 25,564             | 101,797            |
| PILOT GROVE CREEK             | 235.9                   | 52,411            | 26,258             | 104,560            |

| Stream Name             | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|-------------------------|-------------------------|-------------------|--------------------|--------------------|
|                         |                         | (cfs)             | (cfs)              | (cfs)              |
| PILOT GROVE CREEK       | 238.37                  | 52,757            | 26,431             | 105,251            |
| PILOT GROVE CREEK       | 357.35                  | 70,788            | 35,465             | 141,223            |
| PILOT GROVE CREEK       | 362.08                  | 68,837            | 34,487             | 137,329            |
| PILOT GROVE CREEK       | 367.61                  | 68,133            | 34,135             | 135,925            |
| PILOT GROVE CREEK       | 374.03                  | 66,421            | 33,277             | 132,509            |
| PILOT GROVE CREEK       | 376.51                  | 66,535            | 33,334             | 132,736            |
| PILOT GROVE CREEK       | 403.99                  | 67,980            | 34,058             | 135,620            |
| PILOT GROVE CREEK       | 425.28                  | 68,842            | 34,490             | 137,339            |
| PILOT GROVE CREEK       | 427.75                  | 68,242            | 34,189             | 136,143            |
| PILOT GROVE CREEK       | 441.41                  | 68,661            | 34,399             | 136,979            |
| PILOT GROVE CREEK       | 441.54                  | 66,261            | 33,197             | 132,190            |
| PRICE CREEK             | 0.61                    | 1,634             | 818                | 3,259              |
| PRICE CREEK             | 1.11                    | 2,520             | 1,263              | 5,028              |
| PRICE CREEK             | 1.2                     | 2,613             | 1,309              | 5,214              |
| PRICE CREEK             | 2.47                    | 4,170             | 2,089              | 8,320              |
| PRICE CREEK             | 2.5                     | 4,034             | 2,021              | 8,049              |
| PRICE CREEK             | 3.71                    | 5,312             | 2,661              | 10,597             |
| PRICE CREEK             | 4.08                    | 5,572             | 2,791              | 11,116             |
| PRICE CREEK             | 4.21                    | 5,324             | 2,667              | 10,622             |
| PRICE CREEK             | 5.26                    | 6,125             | 3,069              | 12,219             |
| PRICE CREEK             | 9.06                    | 9,314             | 4,666              | 18,580             |
| PRICE CREEK             | 10.23                   | 9,416             | 4,717              | 18,785             |
| PRICE CREEK             | 10.67                   | 9,370             | 4,694              | 18,692             |
| PRICE CREEK             | 11.27                   | 8,955             | 4,486              | 17,865             |
| PRICE CREEK TRIBUTARY 3 | 0.76                    | 1,760             | 882                | 3,511              |
| SISTER GROVE CREEK      | 41.79                   | 25,337            | 12,694             | 50,547             |
| SISTER GROVE CREEK      | 44.58                   | 24,100            | 12,074             | 48,080             |
| SISTER GROVE CREEK      | 45.21                   | 24,200            | 12,124             | 48,279             |
| SISTER GROVE CREEK      | 46.7                    | 23,200            | 11,623             | 46,284             |
| SISTER GROVE CREEK      | 48.23                   | 22,800            | 11,423             | 45,486             |
| SISTER GROVE CREEK      | 50.57                   | 24,200            | 12,124             | 48,279             |
| SISTER GROVE CREEK      | 54.27                   | 24,200            | 12,124             | 48,279             |
| SISTER GROVE CREEK      | 59.03                   | 23,600            | 11,824             | 47,082             |
| SISTER GROVE CREEK      | 59.95                   | 24,000            | 12,024             | 47,880             |
| SISTER GROVE CREEK      | 64.21                   | 22,100            | 11,072             | 44,090             |
| SISTER GROVE CREEK      | 66.3                    | 23,500            | 11,774             | 46,883             |
| SISTER GROVE CREEK      | 67.86                   | 22,500            | 11,273             | 44,888             |
| SISTER GROVE CREEK      | 69.6                    | 23,000            | 11,523             | 45,885             |

| Stream Name                    | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|--------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                |                         | (cfs)             | (cfs)              | (cfs)              |
| SISTER GROVE CREEK             | 70.63                   | 23,100            | 11,573             | 46,085             |
| SISTER GROVE CREEK             | 72.03                   | 22,900            | 11,473             | 45,686             |
| SISTER GROVE CREEK             | 72.12                   | 21,800            | 10,922             | 43,491             |
| SISTER GROVE CREEK             | 80.24                   | 21,300            | 10,671             | 42,494             |
| SISTER GROVE CREEK             | 81.51                   | 21,300            | 10,671             | 42,494             |
| SISTER GROVE CREEK             | 82.6                    | 22,000            | 11,022             | 43,890             |
| SISTER GROVE CREEK             | 82.99                   | 21,900            | 10,972             | 43,691             |
| SISTER GROVE CREEK             | 83.04                   | 21,200            | 10,621             | 42,294             |
| SISTER GROVE CREEK             | 83.54                   | 20,700            | 10,371             | 41,297             |
| SISTER GROVE CREEK             | 83.83                   | 21,500            | 10,772             | 42,893             |
| SISTER GROVE CREEK             | 84.19                   | 21,500            | 10,772             | 42,893             |
| SISTER GROVE CREEK             | 87.53                   | 22,000            | 11,022             | 43,890             |
| SISTER GROVE CREEK             | 90.44                   | 23,700            | 11,874             | 47,282             |
| SISTER GROVE CREEK             | 90.72                   | 23,300            | 11,673             | 46,484             |
| SISTER GROVE CREEK             | 91.21                   | 23,700            | 11,874             | 47,282             |
| SISTER GROVE CREEK             | 91.24                   | 22,400            | 11,222             | 44,688             |
| SISTER GROVE CREEK             | 92.41                   | 23,500            | 11,774             | 46,883             |
| SISTER GROVE CREEK             | 94.05                   | 22,800            | 11,423             | 45,486             |
| SISTER GROVE CREEK             | 95.72                   | 24,000            | 12,024             | 47,880             |
| SISTER GROVE CREEK             | 96.93                   | 23,800            | 11,924             | 47,481             |
| SISTER GROVE CREEK             | 106.36                  | 27,300            | 13,677             | 54,464             |
| SISTER GROVE CREEK             | 107.41                  | 26,800            | 13,427             | 53,466             |
| SISTER GROVE CREEK             | 108.44                  | 27,500            | 13,778             | 54,863             |
| SISTER GROVE CREEK             | 109.27                  | 27,600            | 13,828             | 55,062             |
| SISTER GROVE CREEK             | 111.41                  | 27,900            | 13,978             | 55,661             |
| SISTER GROVE CREEK             | 112.29                  | 29,000            | 14,529             | 57,855             |
| SISTER GROVE CREEK             | 112.31                  | 28,100            | 14,078             | 56,060             |
| SISTER GROVE CREEK             | 113.94                  | 29,400            | 14,729             | 58,653             |
| SISTER GROVE CREEK             | 114.4                   | 29,000            | 14,529             | 57,855             |
| SISTER GROVE CREEK             | 115.25                  | 28,300            | 14,178             | 56,459             |
| SISTER GROVE CREEK             | 118.19                  | 30,500            | 15,281             | 60,848             |
| SISTER GROVE CREEK TRIBUTARY 1 | 1.36                    | 2,125             | 1,065              | 4,240              |
| SISTER GROVE CREEK TRIBUTARY 1 | 1.54                    | 2,337             | 1,171              | 4,662              |
| SISTER GROVE CREEK TRIBUTARY 1 | 2.47                    | 2,992             | 1,499              | 5,969              |
| SISTER GROVE CREEK TRIBUTARY 3 | 0.56                    | 1,395             | 699                | 2,784              |
| SISTER GROVE CREEK TRIBUTARY 3 | 1.06                    | 2,135             | 1,070              | 4,260              |
| SISTER GROVE CREEK TRIBUTARY 3 | 1.44                    | 2,574             | 1,290              | 5,136              |
| SISTER GROVE CREEK TRIBUTARY 3 | 2.49                    | 3,763             | 1,885              | 7,508              |

| Stream Name                        | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                    |                         | (cfs)             | (cfs)              | (cfs)              |
| SISTER GROVE CREEK TRIBUTARY 4     | 0.98                    | 1,427             | 715                | 2,846              |
| SISTER GROVE CREEK TRIBUTARY 4     | 1.48                    | 2,204             | 1,104              | 4,397              |
| SISTER GROVE CREEK TRIBUTARY 4     | 1.56                    | 2,352             | 1,178              | 4,692              |
| SISTER GROVE CREEK TRIBUTARY 4     | 2.12                    | 2,833             | 1,419              | 5,651              |
| SISTER GROVE CREEK TRIBUTARY 4     | 3.57                    | 4,727             | 2,368              | 9,431              |
| SISTER GROVE CREEK TRIBUTARY 4     | 4.26                    | 5,097             | 2,554              | 10,169             |
| SISTER GROVE CREEK TRIBUTARY 4     | 5.84                    | 5,695             | 2,853              | 11,362             |
| SISTER GROVE CREEK TRIBUTARY 4     | 5.89                    | 6,956             | 3,485              | 13,877             |
| SISTER GROVE CREEK TRIBUTARY 4     | 6.25                    | 7,224             | 3,619              | 14,411             |
| SISTER GROVE CREEK TRIBUTARY 4     | 7.32                    | 7,854             | 3,935              | 15,668             |
| SISTER GROVE CREEK TRIBUTARY 4     | 7.97                    | 8,101             | 4,058              | 16,161             |
| SISTER GROVE CREEK TRIBUTARY 4     | 8.1                     | 7,867             | 3,941              | 15,695             |
| SISTER GROVE CREEK TRIBUTARY 4-1-1 | 0.85                    | 2,088             | 1,046              | 4,166              |
| SISTER GROVE CREEK TRIBUTARY 4-1-1 | 0.89                    | 2,081             | 1,042              | 4,151              |
| SISTER GROVE CREEK TRIBUTARY 6     | 0.75                    | 1,939             | 971                | 3,869              |
| SISTER GROVE CREEK TRIBUTARY 6     | 1.25                    | 2,660             | 1,333              | 5,307              |
| SISTER GROVE CREEK TRIBUTARY 6     | 1.29                    | 2,640             | 1,323              | 5,267              |
| SISTER GROVE CREEK TRIBUTARY 7     | 0.76                    | 1,054             | 528                | 2,102              |
| SISTER GROVE CREEK TRIBUTARY 7     | 1.24                    | 1,628             | 816                | 3,248              |
| SISTER GROVE CREEK TRIBUTARY 7     | 1.71                    | 2,668             | 1,337              | 5,323              |
| SISTER GROVE CREEK TRIBUTARY 7     | 1.96                    | 2,954             | 1,480              | 5,893              |
| SISTER GROVE CREEK TRIBUTARY 8     | 1.11                    | 2,121             | 1,063              | 4,232              |
| SISTER GROVE CREEK TRIBUTARY 8     | 1.57                    | 2,687             | 1,346              | 5,361              |
| SISTER GROVE CREEK TRIBUTARY 8     | 1.97                    | 3,247             | 1,627              | 6,478              |
| SISTER GROVE CREEK TRIBUTARY 8     | 3.18                    | 4,784             | 2,397              | 9,543              |
| SISTER GROVE CREEK TRIBUTARY 8     | 3.25                    | 4,797             | 2,403              | 9,570              |
| STIFF CREEK                        | 1.03                    | 1,558             | 780                | 3,108              |
| STIFF CREEK                        | 1.52                    | 2,188             | 1,096              | 4,364              |
| STIFF CREEK                        | 1.87                    | 2,646             | 1,326              | 5,279              |
| STIFF CREEK                        | 2.32                    | 3,144             | 1,575              | 6,272              |
| STIFF CREEK                        | 2.81                    | 3,710             | 1,859              | 7,402              |
| STIFF CREEK                        | 2.89                    | 3,804             | 1,906              | 7,588              |
| STIFF CREEK                        | 3.35                    | 4,245             | 2,127              | 8,470              |
| STIFF CREEK                        | 3.66                    | 4,587             | 2,298              | 9,151              |
| STIFF CREEK                        | 4.72                    | 5,622             | 2,816              | 11,215             |
| STIFF CREEK                        | 5.56                    | 6,107             | 3,060              | 12,184             |
| STIFF CREEK                        | 5.83                    | 6,120             | 3,066              | 12,209             |
| STIFF CREEK                        | 6.17                    | 6,510             | 3,261              | 12,986             |

| Stream Name             | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|-------------------------|-------------------------|-------------------|--------------------|--------------------|
|                         |                         | (cfs)             | (cfs)              | (cfs)              |
| STIFF CREEK             | 6.46                    | 7,028             | 3,521              | 14,021             |
| STIFF CREEK             | 6.92                    | 7,278             | 3,646              | 14,519             |
| STIFF CREEK             | 7.33                    | 7,361             | 3,688              | 14,684             |
| STIFF CREEK             | 7.82                    | 7,555             | 3,785              | 15,072             |
| STIFF CREEK             | 8.25                    | 7,821             | 3,918              | 15,603             |
| STIFF CREEK             | 8.36                    | 7,684             | 3,849              | 15,329             |
| STIFF CREEK             | 9.41                    | 8,661             | 4,339              | 17,278             |
| SWEETWATER CREEK        | 1.06                    | 1,874             | 939                | 3,739              |
| SWEETWATER CREEK        | 1.56                    | 2,615             | 1,310              | 5,217              |
| SWEETWATER CREEK        | 2.05                    | 2,912             | 1,459              | 5,809              |
| SWEETWATER CREEK        | 2.31                    | 3,447             | 1,727              | 6,876              |
| TICKY CREEK             | 0.81                    | 1,201             | 602                | 2,396              |
| TICKY CREEK             | 1.24                    | 1,793             | 898                | 3,577              |
| TICKY CREEK             | 1.74                    | 2,534             | 1,270              | 5,056              |
| TICKY CREEK             | 2.24                    | 2,867             | 1,437              | 5,720              |
| TICKY CREEK             | 2.36                    | 2,977             | 1,492              | 5,940              |
| TICKY CREEK             | 3.27                    | 3,828             | 1,918              | 7,636              |
| TICKY CREEK             | 3.65                    | 4,222             | 2,115              | 8,422              |
| TICKY CREEK             | 5.18                    | 5,237             | 2,624              | 10,447             |
| TICKY CREEK             | 5.52                    | 5,699             | 2,855              | 11,369             |
| TICKY CREEK             | 5.92                    | 5,771             | 2,891              | 11,513             |
| TICKY CREEK             | 6.12                    | 5,869             | 2,940              | 11,709             |
| TICKY CREEK             | 8.83                    | 8,136             | 4,076              | 16,231             |
| TICKY CREEK             | 9.13                    | 8,114             | 4,065              | 16,188             |
| TICKY CREEK             | 9.47                    | 8,231             | 4,124              | 16,421             |
| TICKY CREEK             | 10.52                   | 8,999             | 4,509              | 17,954             |
| TICKY CREEK             | 11                      | 9,036             | 4,527              | 18,027             |
| TICKY CREEK             | 11.5                    | 9,444             | 4,731              | 18,840             |
| TICKY CREEK             | 11.96                   | 9,481             | 4,750              | 18,914             |
| TICKY CREEK             | 12.36                   | 9,908             | 4,964              | 19,767             |
| TICKY CREEK             | 12.86                   | 9,904             | 4,962              | 19,758             |
| TICKY CREEK             | 13.27                   | 9,849             | 4,934              | 19,649             |
| TICKY CREEK             | 14.35                   | 10,238            | 5,129              | 20,425             |
| TICKY CREEK             | 14.95                   | 9,866             | 4,943              | 19,682             |
| TICKY CREEK             | 16.89                   | 10,650            | 5,336              | 21,246             |
| TICKY CREEK             | 17.32                   | 10,531            | 5,276              | 21,009             |
| TICKY CREEK             | 18.41                   | 10,350            | 5,185              | 20,648             |
| TICKY CREEK TRIBUTARY 3 | 0.76                    | 1,340             | 671                | 2,672              |

| Stream Name                            | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|----------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                        |                         | (cfs)             | (cfs)              | (cfs)              |
| TICKY CREEK TRIBUTARY 3                | 1.22                    | 1,965             | 984                | 3,920              |
| TICKY CREEK TRIBUTARY 3                | 1.67                    | 2,294             | 1,149              | 4,576              |
| TICKY CREEK TRIBUTARY 3                | 2.15                    | 2,658             | 1,331              | 5,302              |
| TICKY CREEK TRIBUTARY 3                | 2.37                    | 2,877             | 1,441              | 5,739              |
| TICKY CREEK TRIBUTARY 4                | 0.52                    | 955               | 478                | 1,905              |
| TICKY CREEK TRIBUTARY 4                | 1.01                    | 1,589             | 796                | 3,169              |
| TICKY CREEK TRIBUTARY 4                | 1.1                     | 1,683             | 843                | 3,358              |
| TOM BEAN CREEK                         | 1.26                    | 2,723             | 1,364              | 5,432              |
| TOM BEAN CREEK                         | 1.75                    | 3,201             | 1,604              | 6,386              |
| TOM BEAN CREEK                         | 2.21                    | 3,573             | 1,790              | 7,128              |
| TOM BEAN CREEK                         | 3.64                    | 4,753             | 2,381              | 9,483              |
| UNT 13 IN EFT                          | 0.28                    | 822               | 412                | 1,640              |
| UNT 14 IN EFT                          | 0.23                    | 545               | 273                | 1,088              |
| UNT 15 IN EFT                          | 0.16                    | 486               | 244                | 971                |
| UNT 15 IN EFT                          | 0.63                    | 1,464             | 733                | 2,922              |
| UNT 16 IN EFT                          | 0.13                    | 324               | 162                | 647                |
| UNT 17 IN EFT                          | 0.46                    | 1,083             | 543                | 2,160              |
| UNT 18 IN EFT                          | 0.28                    | 807               | 405                | 1,611              |
| UNT 19 IN EFT                          | 0.86                    | 1,402             | 703                | 2,797              |
| UNT 20 IN EFT                          | 0.44                    | 1,273             | 638                | 2,540              |
| UNT 24 IN EFT                          | 0.11                    | 364               | 182                | 727                |
| UNT 24 IN EFT                          | 0.14                    | 429               | 215                | 856                |
| UNT 24 IN EFT                          | 0.29                    | 726               | 364                | 1,449              |
| UNT 24 IN EFT                          | 0.38                    | 886               | 444                | 1,768              |
| UNT10 IN EAST FORK TRINITY WATERSHED   | 1.02                    | 1,675             | 839                | 3,342              |
| UNT10 IN EAST FORK TRINITY WATERSHED   | 1.29                    | 2,001             | 1,003              | 3,992              |
| UNT1160 IN EAST FORK TRINITY WATERSHED | 0.52                    | 1,286             | 644                | 2,565              |
| UNT1160 IN EAST FORK TRINITY WATERSHED | 0.68                    | 1,394             | 698                | 2,781              |
| UNT118 IN EAST FORK TRINITY WATERSHED  | 1.24                    | 2,619             | 1,312              | 5,225              |
| UNT118 IN EAST FORK TRINITY WATERSHED  | 1.43                    | 2,786             | 1,396              | 5,558              |
| UNT118 IN EAST FORK TRINITY WATERSHED  | 1.46                    | 2,534             | 1,269              | 5,054              |
| UNT1182 IN EAST FORK TRINITY WATERSHED | 0.14                    | 432               | 217                | 862                |
| UNT1184 IN EAST FORK TRINITY WATERSHED | 0.49                    | 1,110             | 556                | 2,214              |
| UNT1186 IN EAST FORK TRINITY WATERSHED | 0.34                    | 1,032             | 517                | 2,058              |
| UNT1188 IN EAST FORK TRINITY WATERSHED | 0.19                    | 634               | 318                | 1,265              |
| UNT1230 IN EAST FORK TRINITY WATERSHED | 0.52                    | 1,035             | 518                | 2,065              |
| UNT1230 IN EAST FORK TRINITY WATERSHED | 0.82                    | 1,428             | 715                | 2,849              |
| UNT1370 IN EAST FORK TRINITY WATERSHED | 0.18                    | 425               | 213                | 847                |

| Stream Name                            | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|----------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                        |                         | (cfs)             | (cfs)              | (cfs)              |
| UNT1374 IN EAST FORK TRINITY WATERSHED | 0.62                    | 1,388             | 695                | 2,769              |
| UNT1376 IN EAST FORK TRINITY WATERSHED | 0.06                    | 198               | 99                 | 395                |
| UNT1378 IN EAST FORK TRINITY WATERSHED | 0.1                     | 372               | 186                | 741                |
| UNT1380 IN EAST FORK TRINITY WATERSHED | 0.36                    | 994               | 498                | 1,984              |
| UNT1382 IN EAST FORK TRINITY WATERSHED | 0.13                    | 433               | 217                | 863                |
| UNT1384 IN EAST FORK TRINITY WATERSHED | 0.71                    | 1,509             | 756                | 3,010              |
| UNT1386 IN EAST FORK TRINITY WATERSHED | 0.22                    | 653               | 327                | 1,302              |
| UNT1388 IN EAST FORK TRINITY WATERSHED | 0.15                    | 592               | 296                | 1,180              |
| UNT1390 IN EAST FORK TRINITY WATERSHED | 0.06                    | 237               | 119                | 472                |
| UNT140 IN EAST FORK TRINITY WATERSHED  | 1                       | 1,769             | 886                | 3,529              |
| UNT140 IN EAST FORK TRINITY WATERSHED  | 1.68                    | 2,319             | 1,162              | 4,626              |
| UNT140 IN EAST FORK TRINITY WATERSHED  | 1.77                    | 2,510             | 1,257              | 5,007              |
| UNT1407 IN EAST FORK TRINITY WATERSHED | 0.43                    | 1,003             | 503                | 2,001              |
| UNT141 IN EAST FORK TRINITY WATERSHED  | 1.07                    | 2,229             | 1,117              | 4,447              |
| UNT141 IN EAST FORK TRINITY WATERSHED  | 1.55                    | 2,864             | 1,435              | 5,713              |
| UNT141 IN EAST FORK TRINITY WATERSHED  | 2.05                    | 3,330             | 1,668              | 6,642              |
| UNT141 IN EAST FORK TRINITY WATERSHED  | 3.54                    | 3,819             | 1,913              | 7,618              |
| UNT141 IN EAST FORK TRINITY WATERSHED  | 4.04                    | 3,375             | 1,691              | 6,734              |
| UNT142 IN EAST FORK TRINITY WATERSHED  | 1.24                    | 1,848             | 926                | 3,688              |
| UNT142 IN EAST FORK TRINITY WATERSHED  | 2.2                     | 2,742             | 1,374              | 5,471              |
| UNT169 IN EAST FORK TRINITY WATERSHED  | 1.01                    | 1,789             | 896                | 3,570              |
| UNT169 IN EAST FORK TRINITY WATERSHED  | 1.29                    | 2,136             | 1,070              | 4,261              |
| UNT169 IN EAST FORK TRINITY WATERSHED  | 1.72                    | 2,678             | 1,342              | 5,342              |
| UNT169 IN EAST FORK TRINITY WATERSHED  | 2.45                    | 3,251             | 1,629              | 6,485              |
| UNT169 IN EAST FORK TRINITY WATERSHED  | 3.69                    | 3,987             | 1,997              | 7,954              |
| UNT169 IN EAST FORK TRINITY WATERSHED  | 4.4                     | 4,047             | 2,027              | 8,074              |
| UNT175 IN EAST FORK TRINITY WATERSHED  | 3.33                    | 4,433             | 2,221              | 8,843              |
| UNT175 IN EAST FORK TRINITY WATERSHED  | 3.71                    | 4,525             | 2,267              | 9,027              |
| UNT203 IN EAST FORK TRINITY WATERSHED  | 1.47                    | 2,922             | 1,464              | 5,829              |
| UNT217 IN EAST FORK TRINITY WATERSHED  | 1.24                    | 2,166             | 1,085              | 4,321              |
| UNT217 IN EAST FORK TRINITY WATERSHED  | 1.27                    | 2,272             | 1,138              | 4,532              |
| UNT249 IN EAST FORK TRINITY WATERSHED  | 1.04                    | 2,178             | 1,091              | 4,345              |
| UNT249 IN EAST FORK TRINITY WATERSHED  | 1.27                    | 2,271             | 1,138              | 4,531              |
| UNT257 IN EAST FORK TRINITY WATERSHED  | 1.12                    | 1,553             | 778                | 3,099              |
| UNT257 IN EAST FORK TRINITY WATERSHED  | 1.55                    | 1,858             | 931                | 3,707              |
| UNT257 IN EAST FORK TRINITY WATERSHED  | 1.79                    | 1,913             | 958                | 3,816              |
| UNT258 IN EAST FORK TRINITY WATERSHED  | 0.94                    | 1,924             | 964                | 3,838              |
| UNT316 IN EAST FORK TRINITY WATERSHED  | 1.04                    | 2,211             | 1,107              | 4,410              |

| Stream Name                           | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|---------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                       |                         | (cfs)             | (cfs)              | (cfs)              |
| UNT316 IN EAST FORK TRINITY WATERSHED | 1.16                    | 2,386             | 1,195              | 4,760              |
| UNT358 IN EAST FORK TRINITY WATERSHED | 1.09                    | 2,055             | 1,030              | 4,101              |
| UNT358 IN EAST FORK TRINITY WATERSHED | 1.57                    | 2,682             | 1,343              | 5,350              |
| UNT358 IN EAST FORK TRINITY WATERSHED | 1.79                    | 2,785             | 1,395              | 5,555              |
| UNT361 IN EAST FORK TRINITY WATERSHED | 1.01                    | 1,929             | 966                | 3,848              |
| UNT361 IN EAST FORK TRINITY WATERSHED | 1.19                    | 2,307             | 1,156              | 4,602              |
| UNT431 IN EAST FORK TRINITY WATERSHED | 0.51                    | 1,041             | 521                | 2,076              |
| UNT431 IN EAST FORK TRINITY WATERSHED | 1.33                    | 2,065             | 1,035              | 4,119              |
| UNT549 IN EAST FORK TRINITY WATERSHED | 0.25                    | 724               | 363                | 1,445              |
| UNT551 IN EAST FORK TRINITY WATERSHED | 0.17                    | 511               | 256                | 1,019              |
| UNT554 IN EAST FORK TRINITY WATERSHED | 0.45                    | 1,241             | 622                | 2,476              |
| UNT564 IN EAST FORK TRINITY WATERSHED | 0.56                    | 1,378             | 690                | 2,749              |
| UNT564 IN EAST FORK TRINITY WATERSHED | 1.02                    | 2,253             | 1,129              | 4,495              |
| UNT564 IN EAST FORK TRINITY WATERSHED | 1.29                    | 2,154             | 1,079              | 4,297              |
| UNT564 IN EAST FORK TRINITY WATERSHED | 1.77                    | 3,041             | 1,523              | 6,067              |
| UNT564 IN EAST FORK TRINITY WATERSHED | 1.98                    | 3,346             | 1,676              | 6,674              |
| UNT564 IN EAST FORK TRINITY WATERSHED | 2.94                    | 4,138             | 2,073              | 8,256              |
| UNT564 IN EAST FORK TRINITY WATERSHED | 3.23                    | 4,195             | 2,102              | 8,369              |
| UNT564 IN EAST FORK TRINITY WATERSHED | 3.45                    | 4,389             | 2,199              | 8,756              |
| UNT566 IN EAST FORK TRINITY WATERSHED | 0.4                     | 984               | 493                | 1,963              |
| UNT63 IN EAST FORK TRINITY WATERSHED  | 1.13                    | 1,981             | 992                | 3,952              |
| UNT63 IN EAST FORK TRINITY WATERSHED  | 1.49                    | 2,266             | 1,135              | 4,520              |
| UNT63 IN EAST FORK TRINITY WATERSHED  | 2.74                    | 3,785             | 1,896              | 7,552              |
| UNT680 IN EAST FORK TRINITY WATERSHED | 0.82                    | 1,944             | 974                | 3,879              |
| UNT680 IN EAST FORK TRINITY WATERSHED | 1.6                     | 3,242             | 1,624              | 6,467              |
| UNT680 IN EAST FORK TRINITY WATERSHED | 2.01                    | 3,719             | 1,863              | 7,419              |
| UNT680 IN EAST FORK TRINITY WATERSHED | 2.3                     | 4,061             | 2,035              | 8,102              |
| UNT680 IN EAST FORK TRINITY WATERSHED | 2.78                    | 4,207             | 2,108              | 8,392              |
| UNT680 IN EAST FORK TRINITY WATERSHED | 2.99                    | 4,135             | 2,072              | 8,250              |
| UNT72 IN EAST FORK TRINITY WATERSHED  | 0.8                     | 2,109             | 1,057              | 4,207              |
| UNT72 IN EAST FORK TRINITY WATERSHED  | 2.06                    | 3,831             | 1,919              | 7,642              |
| UNT72 IN EAST FORK TRINITY WATERSHED  | 2.56                    | 4,332             | 2,170              | 8,642              |
| UNT72 IN EAST FORK TRINITY WATERSHED  | 3.67                    | 4,940             | 2,475              | 9,855              |
| UNT739 IN EAST FORK TRINITY WATERSHED | 0.6                     | 1,336             | 669                | 2,665              |
| UNT739 IN EAST FORK TRINITY WATERSHED | 0.93                    | 1,873             | 938                | 3,736              |
| UNT739 IN EAST FORK TRINITY WATERSHED | 1.44                    | 2,594             | 1,299              | 5,174              |
| UNT739 IN EAST FORK TRINITY WATERSHED | 1.8                     | 3,185             | 1,596              | 6,355              |
| UNT741 IN EAST FORK TRINITY WATERSHED | 0.49                    | 1,222             | 612                | 2,438              |



| Stream Name                           | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|---------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                       |                         | (cfs)             | (cfs)              | (cfs)              |
| UNT743 IN EAST FORK TRINITY WATERSHED | 0.52                    | 1,584             | 793                | 3,159              |
| UNT743 IN EAST FORK TRINITY WATERSHED | 1.29                    | 2,728             | 1,367              | 5,442              |
| UNT743 IN EAST FORK TRINITY WATERSHED | 1.31                    | 2,970             | 1,488              | 5,926              |
| UNT744 IN EAST FORK TRINITY WATERSHED | 0.52                    | 1,403             | 703                | 2,799              |
| UNT744 IN EAST FORK TRINITY WATERSHED | 0.9                     | 2,036             | 1,020              | 4,062              |
| UNT744 IN EAST FORK TRINITY WATERSHED | 1.86                    | 3,268             | 1,637              | 6,520              |
| UNT744 IN EAST FORK TRINITY WATERSHED | 2.32                    | 3,767             | 1,887              | 7,515              |
| UNT745 IN EAST FORK TRINITY WATERSHED | 0.51                    | 1,375             | 689                | 2,742              |
| UNT745 IN EAST FORK TRINITY WATERSHED | 0.71                    | 1,743             | 873                | 3,476              |
| UNT747 IN EAST FORK TRINITY WATERSHED | 0.78                    | 1,456             | 730                | 2,905              |
| UNT747 IN EAST FORK TRINITY WATERSHED | 1.12                    | 1,875             | 939                | 3,740              |
| UNT747 IN EAST FORK TRINITY WATERSHED | 1.17                    | 2,203             | 1,104              | 4,396              |
| UNT747 IN EAST FORK TRINITY WATERSHED | 2.37                    | 3,895             | 1,951              | 7,770              |
| UNT747 IN EAST FORK TRINITY WATERSHED | 2.76                    | 4,198             | 2,103              | 8,375              |
| UNT747 IN EAST FORK TRINITY WATERSHED | 3.12                    | 4,385             | 2,197              | 8,749              |
| UNT747 IN EAST FORK TRINITY WATERSHED | 3.25                    | 4,479             | 2,244              | 8,935              |
| UNT747 IN EAST FORK TRINITY WATERSHED | 4.2                     | 5,648             | 2,830              | 11,268             |
| UNT747 IN EAST FORK TRINITY WATERSHED | 4.7                     | 6,150             | 3,081              | 12,269             |
| UNT747 IN EAST FORK TRINITY WATERSHED | 4.94                    | 5,877             | 2,944              | 11,724             |
| UNT747 IN EAST FORK TRINITY WATERSHED | 5.52                    | 6,337             | 3,175              | 12,642             |
| UNT747 IN EAST FORK TRINITY WATERSHED | 5.86                    | 6,345             | 3,179              | 12,658             |
| UNT747 IN EAST FORK TRINITY WATERSHED | 5.97                    | 6,400             | 3,206              | 12,768             |
| UNT748 IN EAST FORK TRINITY WATERSHED | 0.54                    | 1,146             | 574                | 2,285              |
| UNT748 IN EAST FORK TRINITY WATERSHED | 0.71                    | 1,549             | 776                | 3,090              |
| UNT751 IN EAST FORK TRINITY WATERSHED | 0.42                    | 1,038             | 520                | 2,070              |
| UNT753 IN EAST FORK TRINITY WATERSHED | 0.4                     | 858               | 430                | 1,713              |
| UNT754 IN EAST FORK TRINITY WATERSHED | 0.5                     | 952               | 477                | 1,900              |
| UNT754 IN EAST FORK TRINITY WATERSHED | 1                       | 1,740             | 872                | 3,472              |
| UNT754 IN EAST FORK TRINITY WATERSHED | 1.48                    | 2,452             | 1,229              | 4,892              |
| UNT754 IN EAST FORK TRINITY WATERSHED | 1.97                    | 3,107             | 1,557              | 6,198              |
| UNT754 IN EAST FORK TRINITY WATERSHED | 2.43                    | 3,640             | 1,823              | 7,261              |
| UNT754 IN EAST FORK TRINITY WATERSHED | 2.9                     | 4,616             | 2,313              | 9,209              |
| UNT754 IN EAST FORK TRINITY WATERSHED | 3.14                    | 4,624             | 2,317              | 9,225              |
| UNT754 IN EAST FORK TRINITY WATERSHED | 3.51                    | 4,563             | 2,286              | 9,102              |
| UNT756 IN EAST FORK TRINITY WATERSHED | 0.59                    | 1,208             | 605                | 2,410              |
| UNT756 IN EAST FORK TRINITY WATERSHED | 0.99                    | 1,970             | 987                | 3,929              |
| UNT756 IN EAST FORK TRINITY WATERSHED | 1.18                    | 2,269             | 1,137              | 4,527              |
| UNT758 IN EAST FORK TRINITY WATERSHED | 0.5                     | 1,418             | 711                | 2,830              |

| Stream Name                           | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|---------------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                                       |                         | (cfs)             | (cfs)              | (cfs)              |
| UNT758 IN EAST FORK TRINITY WATERSHED | 0.62                    | 1,655             | 829                | 3,302              |
| UNT760 IN EAST FORK TRINITY WATERSHED | 0.6                     | 1,107             | 554                | 2,208              |
| UNT760 IN EAST FORK TRINITY WATERSHED | 0.67                    | 1,332             | 667                | 2,656              |
| UNT762 IN EAST FORK TRINITY WATERSHED | 0.54                    | 1,382             | 692                | 2,757              |
| UNT762 IN EAST FORK TRINITY WATERSHED | 0.55                    | 1,330             | 666                | 2,653              |
| UNT764 IN EAST FORK TRINITY WATERSHED | 0.5                     | 1,268             | 635                | 2,529              |
| UNT764 IN EAST FORK TRINITY WATERSHED | 0.53                    | 1,198             | 600                | 2,390              |
| UNT766 IN EAST FORK TRINITY WATERSHED | 0.24                    | 656               | 329                | 1,308              |
| UNT768 IN EAST FORK TRINITY WATERSHED | 0.51                    | 1,192             | 597                | 2,379              |
| UNT768 IN EAST FORK TRINITY WATERSHED | 0.62                    | 1,335             | 669                | 2,663              |
| UNT769 IN EAST FORK TRINITY WATERSHED | 0.5                     | 1,175             | 589                | 2,345              |
| UNT769 IN EAST FORK TRINITY WATERSHED | 0.53                    | 1,241             | 622                | 2,475              |
| UNT769 IN EAST FORK TRINITY WATERSHED | 1.74                    | 3,497             | 1,752              | 6,976              |
| UNT769 IN EAST FORK TRINITY WATERSHED | 2.55                    | 4,345             | 2,177              | 8,668              |
| UNT770 IN EAST FORK TRINITY WATERSHED | 0.5                     | 1,238             | 620                | 2,470              |
| UNT770 IN EAST FORK TRINITY WATERSHED | 0.66                    | 1,569             | 786                | 3,131              |
| UNT773 IN EAST FORK TRINITY WATERSHED | 0.5                     | 1,073             | 538                | 2,141              |
| UNT773 IN EAST FORK TRINITY WATERSHED | 0.75                    | 1,673             | 838                | 3,338              |
| UNT790 IN EAST FORK TRINITY WATERSHED | 0.52                    | 924               | 463                | 1,842              |
| UNT790 IN EAST FORK TRINITY WATERSHED | 1.02                    | 1,677             | 840                | 3,345              |
| UNT790 IN EAST FORK TRINITY WATERSHED | 1.52                    | 2,253             | 1,129              | 4,495              |
| UNT790 IN EAST FORK TRINITY WATERSHED | 1.61                    | 2,437             | 1,221              | 4,862              |
| UNT798 IN EAST FORK TRINITY WATERSHED | 0.51                    | 1,385             | 694                | 2,763              |
| UNT798 IN EAST FORK TRINITY WATERSHED | 0.91                    | 1,623             | 813                | 3,237              |
| UNT846 IN EAST FORK TRINITY WATERSHED | 0.44                    | 1,253             | 628                | 2,500              |
| UNT846 IN EAST FORK TRINITY WATERSHED | 1.14                    | 2,028             | 1,016              | 4,045              |
| UNT846 IN EAST FORK TRINITY WATERSHED | 1.29                    | 2,207             | 1,106              | 4,403              |
| UNT86 IN EAST FORK TRINITY WATERSHED  | 11.61                   | 9,975             | 4,997              | 19,900             |
| UNT95 IN EAST FORK TRINITY WATERSHED  | 12.88                   | 8,724             | 4,371              | 17,405             |
| WEST PRONG SISTER GROVE CREEK         | 1.04                    | 1,794             | 899                | 3,580              |
| WEST PRONG SISTER GROVE CREEK         | 1.41                    | 2,560             | 1,283              | 5,108              |
| WEST PRONG SISTER GROVE CREEK         | 3.37                    | 5,366             | 2,688              | 10,705             |
| WEST PRONG SISTER GROVE CREEK         | 3.7                     | 5,828             | 2,920              | 11,628             |
| WEST PRONG SISTER GROVE CREEK         | 3.78                    | 5,676             | 2,844              | 11,323             |
| WEST PRONG SISTER GROVE CREEK         | 5.38                    | 7,376             | 3,695              | 14,715             |
| WEST PRONG SISTER GROVE CREEK         | 5.63                    | 7,605             | 3,810              | 15,172             |
| WEST PRONG SISTER GROVE CREEK         | 7.15                    | 8,784             | 4,401              | 17,524             |
| WEST PRONG SISTER GROVE CREEK         | 7.48                    | 8,847             | 4,432              | 17,650             |

| Stream Name                   | Drainage Area (sq. mi.) | 1% Peak Discharge | 1%- Peak Discharge | 1%+ Peak Discharge |
|-------------------------------|-------------------------|-------------------|--------------------|--------------------|
|                               |                         | (cfs)             | (cfs)              | (cfs)              |
| WEST PRONG SISTER GROVE CREEK | 8.17                    | 9,117             | 4,568              | 18,189             |
| WEST PRONG SISTER GROVE CREEK | 9.98                    | 10,422            | 5,222              | 20,792             |
| WEST PRONG SISTER GROVE CREEK | 10.17                   | 10,057            | 5,039              | 20,064             |
| WEST PRONG SISTER GROVE CREEK | 12.51                   | 12,007            | 6,016              | 23,954             |
| WEST PRONG SISTER GROVE CREEK | 18.48                   | 16,176            | 8,104              | 32,270             |
| WEST PRONG SISTER GROVE CREEK | 18.92                   | 15,193            | 7,612              | 30,310             |
| WEST PRONG SISTER GROVE CREEK | 19.07                   | 16,291            | 8,162              | 32,501             |
| WEST PRONG SISTER GROVE CREEK | 19.97                   | 15,287            | 7,659              | 30,498             |
| WEST PRONG SISTER GROVE CREEK | 20.41                   | 15,100            | 7,565              | 30,124             |
| WEST PRONG SISTER GROVE CREEK | 22.22                   | 16,194            | 8,113              | 32,307             |
| WEST PRONG SISTER GROVE CREEK | 25.8                    | 17,878            | 8,957              | 35,666             |
| WEST PRONG SISTER GROVE CREEK | 28.83                   | 19,751            | 9,895              | 39,404             |
| WEST PRONG SISTER GROVE CREEK | 29.32                   | 19,830            | 9,935              | 39,560             |
| WEST PRONG SISTER GROVE CREEK | 29.52                   | 19,620            | 9,830              | 39,142             |
| WOLF RUN CREEK                | 1.04                    | 1,594             | 798                | 3,180              |
| WOLF RUN CREEK                | 1.48                    | 2,070             | 1,037              | 4,130              |
| WOLF RUN CREEK                | 1.98                    | 2,790             | 1,398              | 5,566              |
| WOLF RUN CREEK                | 2.45                    | 3,201             | 1,604              | 6,386              |
| WOLF RUN CREEK                | 2.84                    | 3,783             | 1,895              | 7,546              |
| WOLF RUN CREEK                | 3.34                    | 4,238             | 2,123              | 8,454              |
| WOLF RUN CREEK                | 3.58                    | 4,503             | 2,256              | 8,984              |
| WOLF RUN CREEK                | 4.51                    | 5,381             | 2,696              | 10,734             |
| WOLF RUN CREEK TRIBUTARY 1    | 0.5                     | 1,139             | 571                | 2,273              |
| WOLF RUN CREEK TRIBUTARY 1    | 0.77                    | 1,492             | 748                | 2,977              |

## Appendix B BLE Map

