

# Lampasas HUC-8 Watershed, Texas Base Level Engineering (BLE) Results

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## Executive Summary

The Texas Water Development Board (TWDB) contracted Halff Associates (Halff) to complete a Base Level Engineering (BLE) analysis for the HUC-08 watershed No. 1207023 - Lampasas 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 the United States Geological Survey (USGS) regression equations. Regression equations were 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).

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 these watersheds 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. Table ES-1 lists the stream miles associated with this validation analysis.

**Table ES-1: Summary of Stream Miles**

| Source | Lampasas Stream Miles |
|--------|-----------------------|
| CNMS   | 1,924.7               |

The full inventory of Zone A studies in the watershed were classified in CNMS. Total miles validated in CNMS are summarized in Table ES-2 and illustrated in Figure ES-1 below.

**Table ES-2: Aggregated Zone A Validation Results**

| Validation Status | Status Type    | Total Miles |
|-------------------|----------------|-------------|
| Valid             | NVUE Compliant | 186.3       |
| Unverified        | To be Studied  | 1,767.3     |

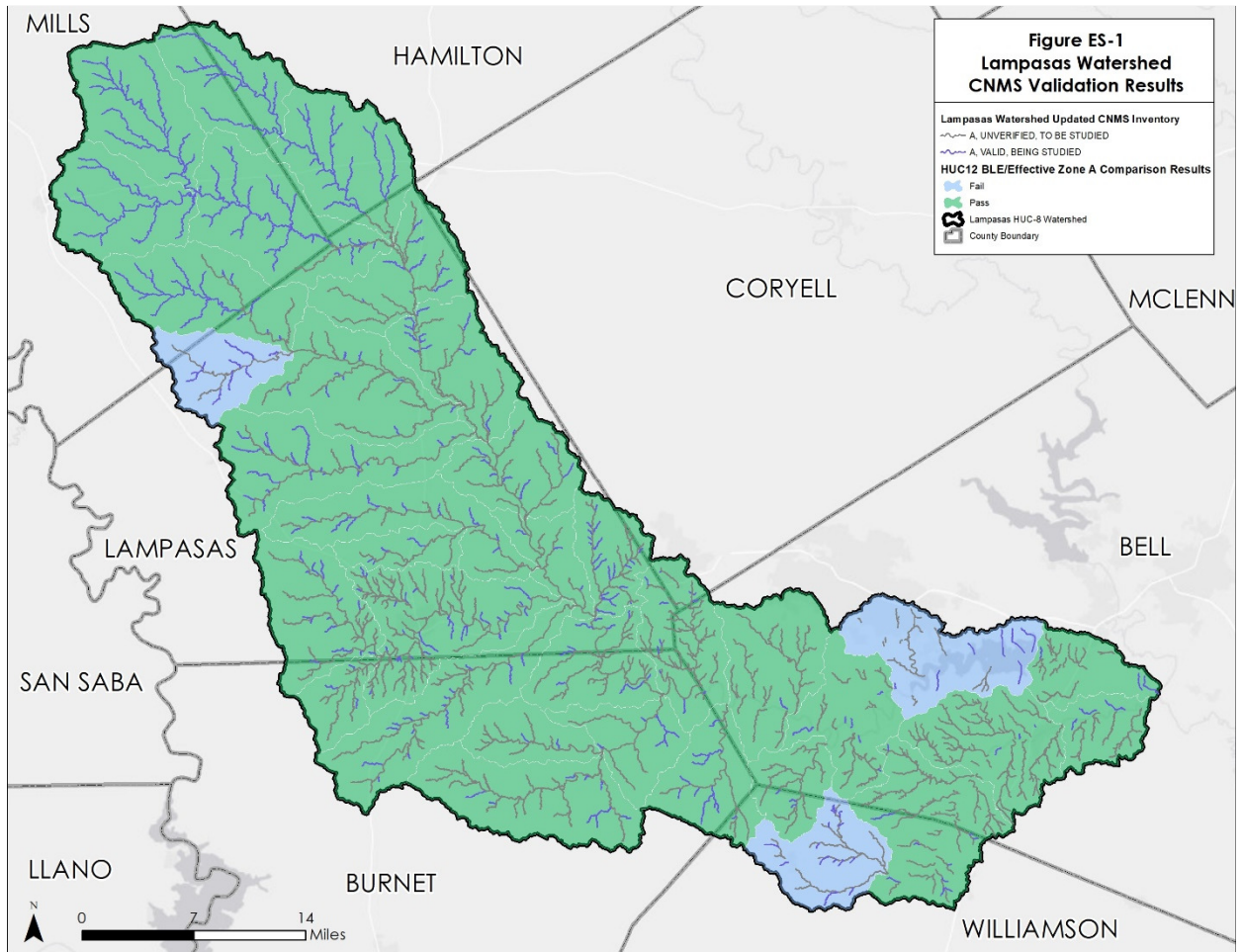


Figure ES-1: Lampasas Watershed CNMS Validation Results

## 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 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 flood-prone 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.

The TWDB contracted Halff to complete a BLE analysis for the Lampasas Watershed in Central Texas to support FEMA's Discovery process and validation of effective Zone A Special Flood Hazard Areas (SFHAs). The study extents include portions of Lampasas, Burnet, Williamson, Bell, Coryell, Hamilton, and Mills Counties, and include the following communities: The Cities of Goldwaihe, Lampasas, Florence, Jarrell, Salado, Belton, Harker Heights, Killeen, Copperas Cove, and Kempner; as well as the Town of Lometa. The study area consists of 5 HUC-10 basins: Bennett Creek-Lampasas River, Sims Creek-Lampasas River, Lucy Creek-Lampasas River, Stillhouse Hollow Lake-Lampasas River, and Salado Creek. Figure 1 shows the orientation of the Lampasas HUC-10 basins with respect to the counties.

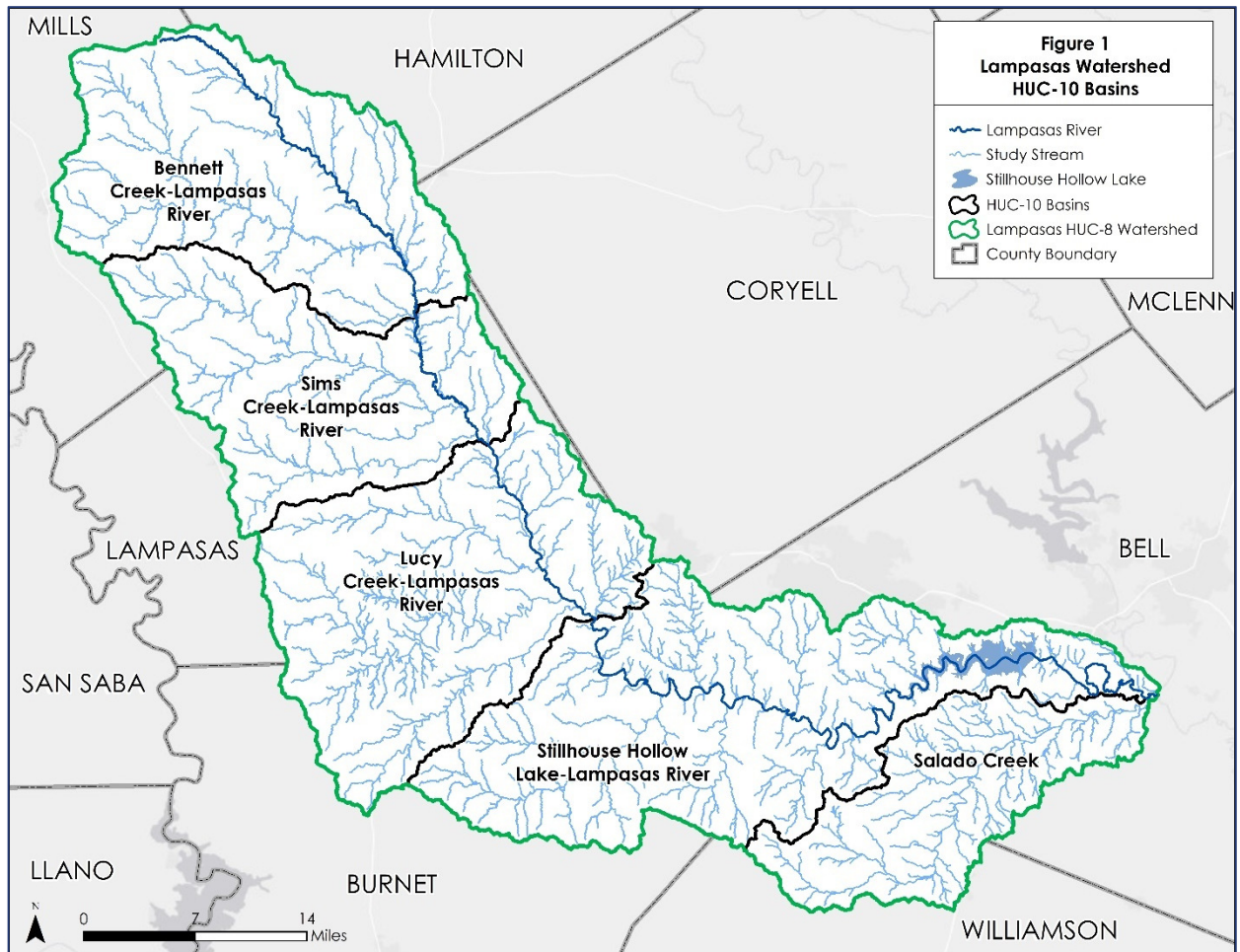


Figure 1: Lampasas Watershed HUC-10 Basins

Halff studied approximately 1,939 miles of stream reaches within the Lampasas watershed with a minimum drainage area tolerance of one square mile outside of population centers greater than 1,000 and 0.5 square miles for areas inside population centers. The selection and extent of stream reaches studied were based upon the number of stream miles within the drainage area tolerance 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 flood areas received an updated analysis. Topographic data from multiple sources were used to determine the hydrologic and hydraulic characteristics of the watershed. The following sections summarize the BLE process and discuss the results along with their recommended use.

## 1.1 Topographic Data

An inventory of existing topographic data was conducted for the Lampasas BLE project footprint. Figure 2 depicts the datasets identified and leveraged across the project area. FEMA, TNIRIS, and other State and Federal agencies were queried to build the inventory with the most current and available data sources.



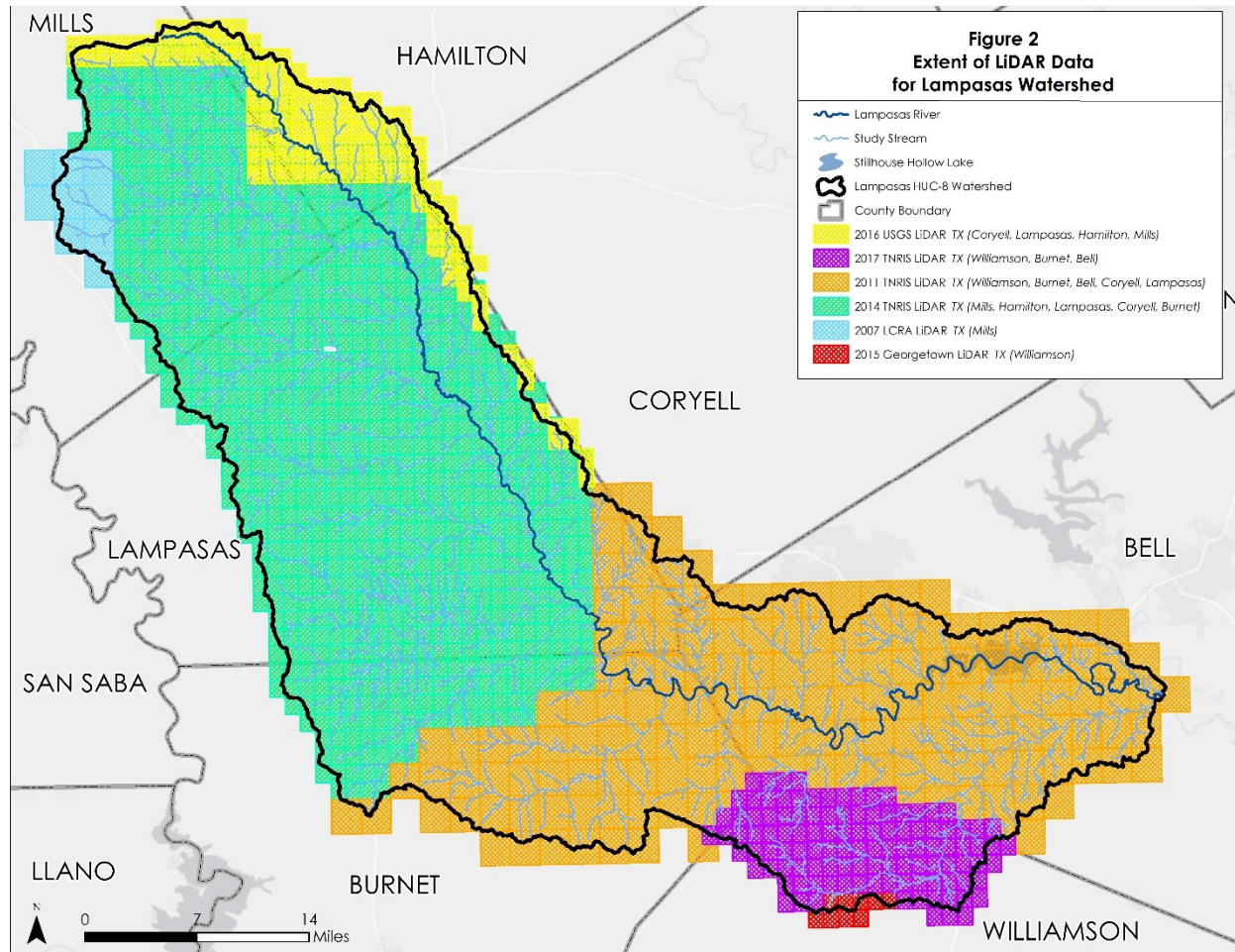


Figure 2: Extent of LiDAR Data for Lampasas Watershed

### 1.1.1 Evaluation

A data coverage assessment was conducted to check for data gaps, extent, accuracy, and completeness. A review of related documentation, reports, indexes, and metadata associated with the leverage datasets ensured each dataset meets FEMA accuracy requirements for topographic data. Decisions to leverage or exclude a dataset (or portion of it), were based generally on the following criteria coupled with engineering judgment:

- Data meets FEMA vertical accuracy standards (Table 1)
- Date of origination
- Data density and coverage

Table 1 depicts the Risk Map SID 43 vertical accuracy requirements based on flood risk and terrain slope within the floodplain being mapped.

**Table 1: FEMA Vertical Accuracy Requirements for Leveraged Data**

| Level of Flood Risk        | Typical Slopes   | Specification Level | Vertical Accuracy* | LiDAR Nominal Pulse Spacing (NPS) |
|----------------------------|------------------|---------------------|--------------------|-----------------------------------|
| High (Deciles 1,2,3)       | Flattest         | Highest             | 24.5 cm / 36.3 cm  | ≤ 2 meters                        |
| High (Deciles 1,2,3)       | Rolling or Hilly | High                | 49.0 cm / 72.6 cm  | ≤ 2 meters                        |
| High (Deciles 2,3,4,5)     | Hilly            | Medium              | 98.0 cm / 145 cm   | ≤ 3.5 meters                      |
| Medium (Deciles 3,4,5,6,7) | Flattest         | High                | 49.0 cm / 72.6 cm  | ≤ 2 meters                        |
| Medium (Deciles 3,4,5,6,7) | Rolling          | Medium              | 98.0 cm / 145 cm   | ≤ 3.5 meters                      |
| Medium (Deciles 3,4,5,6,7) | Hilly            | Low                 | 147 cm / 218 cm    | ≤ 5 meters                        |
| Low (Deciles 7,8,9,10)     | All              | Low                 | 147 cm / 218 cm    | ≤ 5 meters                        |

\*Vertical Accuracy at 95% Confidence Level (FVA or NVA)/(CVA or VVA)

Table 2 depicts the complete list of source elevation data and attributes leveraged for the Lampasas watershed BLE project. All the terrain datasets used for hydrology, hydraulic analyses, and mapping meet the highest specification level defined in Table 1. Further explanation of the Table 2 datasets can be referenced in section 1.1.1.1.

**Table 2: Source Topographic Data Available for the Lampasas Watershed**

| Year | Description                                                  | Data Type      | RMSE (cm) | Source/Owner |
|------|--------------------------------------------------------------|----------------|-----------|--------------|
| 2018 | USGS LiDAR TX (Coryell, Lampasas, Hamilton, Mills)           | Airborne LiDAR | 9.592     | USGS         |
| 2017 | TNRIS LiDAR TX (Williamson, Burnet, Bell)                    | Airborne LiDAR | 5.351     | TNRIS        |
| 2015 | Georgetown LiDAR TX (Williamson)                             | Airborne LiDAR | 3.600     | Georgetown   |
| 2014 | TNRIS LiDAR TX (Mills, Hamilton, Lampasas, Coryell, Burnet)  | Airborne LiDAR | 4.376     | TNRIS        |
| 2011 | TNRIS LiDAR TX (Williamson, Burnet, Bell, Coryell, Lampasas) | Airborne LiDAR | 9.445     | TNRIS        |
| 2007 | LCRA LiDAR TX (Mills)                                        | Airborne LiDAR | 9.439     | LCRA         |

#### 1.1.1.1 Lampasas Watershed Source Terrain Data

The source elevation data for the Lampasas Watershed are DEMs derived from the FEMA/USGS and NRCS LiDAR data. Only points classified as “ground” points (i.e., bare earth) were imported from the LiDAR and used for development of the project DEMs. Bare-earth LiDAR data are typically made by filtering non-ground returns (e.g. buildings, vegetation, etc.) from the raw laser returns. Figure 2 depicts the extent of the data defined in Table 2.

**2018 USGS LiDAR, Coryell, Lampasas, Hamilton, Mills Counties, TX**– The 2018 USGS LiDAR was acquired in 2017. The LiDAR was collected with a nominal pulse spacing of 0.45 meters. The RMSE  $\times$  1.9600 reported for the dataset was 18.8 cm at the 95% confidence level which meets project accuracy specifications of the National Standard for Spatial Data Accuracy (NSSDA). These accuracies meet FEMA standards for floodplain reevaluation studies and map modernization programs designed to update the Flood Insurance Rate Maps (FIRM).



**2017 TNRIS LiDAR, Williamson, Burnet, Bell Counties, TX** – The 2017 TNRIS LiDAR was acquired in 2016. The LiDAR was collected with a nominal pulse spacing of 0.48 meters. The RMSEz x 1.9600 reported for the dataset was 10.59 cm at the 95% confidence level which meets project accuracy specifications of the NSSDA.

**2015 Georgetown LiDAR, TX** – The 2015 Georgetown LiDAR was acquired in 2014. The LiDAR was collected with a nominal pulse spacing of 0.5 meters. The RMSEz x 1.9600 reported for the dataset was 7.225 cm at the 95% confidence level which meets project accuracy specifications of the NSSDA.

**2014 TNRIS LiDAR, Mills, Hamilton, Lampasas, Coryell, Burnet Counties, TX** – The 2014 TNRIS LiDAR was acquired in 2014. The LiDAR was collected with a nominal pulse spacing of 0.48 meters. The RMSEz x 1.9600 reported for the dataset was 8.58 cm at the 95% confidence level which meets project accuracy specifications of the NSSDA.

**2011 TNRIS LiDAR, TX Lee, Leon, Madison, Milam Counties, TX** – The 2011 TNRIS LiDAR was acquired in 2010. The LiDAR was collected with a nominal pulse spacing of 0.48 meters. The RMSEz x 1.9600 reported for the dataset was 18.51 cm at the 95% confidence level which meets project accuracy specifications of the NSSDA.

**2007 LCRA LiDAR TX** – The 2007 LCRA LiDAR was acquired in 2006. The LiDAR was collected with a nominal pulse spacing of 1.4 meters. The RMSEz x 1.9600 reported for the dataset was 18.5 cm at the 95% confidence level which meets project accuracy specifications of the NSSDA.

#### **1.1.1.2 Terrain Data Processing**

The LiDAR data was processed in Environmental System Research Institute (ESRI) ArcGIS software to create a composite Digital Elevation Model (DEM) dataset for the project area. The DEM was used to generate hydrologically correct stream centerlines and served as a source for horizontal alignment and vertical elevation during manual revisions.

ESRI ArcPro software platform was utilized in order to create a hydrologically correct DEM (HDEM) for the project area. Using the ground LAS points and hydrologic breaklines, ESRI ArcPro was used to create a seamless terrain. From this terrain, a HDEM raster was created for further processes. The final generated streams file is then “burned” into DEMs to force flow through structures while preventing it from jumping out of the channel banks.

During the hydro enforcement of the DEM, elevations of the cells 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 HUC-08 basin. The outputs from the processing described above, which included composite DEMs (10-ft cell-size), were used during the hydrology, hydraulics, and floodplain mapping processes.

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 were sufficient for BLE analysis.

## 1.2 Hydrology

Flood discharges for this study were calculated using the United States Geological Survey (USGS) regression equations. Regression equations were 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).

ESRI ArcPro software was used to delineate drainage basins in shapefile format using the 10-foot DEM. ESRI ArcPro was also used to calculate the main-channel slope for each basin. The basin shapefile attribution was automated by ESRI ArcPro with drainage area, main-channel slope, and precipitation.

Table 3 presents the published equations used in this study. In these equations,  $Q_i$  represents peak streamflow for i-recurrence interval (annual chance exceedance) in cubic feet per second (cfs),  $P$  represents mean annual precipitation in inches,  $S$  represents dimensionless main-channel slope,  $\Omega$  represents the OmegaEM parameter, and  $A$  represents cumulative drainage area in square miles.

**Table 3: Summary of Regression Equations in Texas (SIR 2009-5087)**

| Recurrence Interval                                                                                                                                                                                                                                                                                       | Equation                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| $Q_{10}$ (10%)                                                                                                                                                                                                                                                                                            | $P^{1.203} S^{0.403} \times 10^{[0.918\Omega + 13.62 - 11.97A^{-0.0289}]}$ |
| $Q_{25}$ (25%)                                                                                                                                                                                                                                                                                            | $P^{1.140} S^{0.446} \times 10^{[0.945\Omega + 11.79 - 9.819A^{-0.0374}]}$ |
| $Q_{50}$ (2%)                                                                                                                                                                                                                                                                                             | $P^{1.105} S^{0.476} \times 10^{[0.961\Omega + 11.17 - 8.997A^{-0.0424}]}$ |
| $Q_{100}$ (1%)                                                                                                                                                                                                                                                                                            | $P^{1.071} S^{0.507} \times 10^{[0.969\Omega + 10.82 - 8.448A^{-0.067}]}$  |
| $Q_{500}$ (0.2%)                                                                                                                                                                                                                                                                                          | $P^{0.988} S^{0.569} \times 10^{[0.976\Omega + 10.40 - 7.605A^{-0.0554}]}$ |
| Variables:<br>$Q_i$ (1/i%), peak flow for i recurrence interval (annual chance exceedance) in cubic feet per second;<br>$P$ , mean annual precipitation, in inches;<br>$S$ , Main-channel slope (dimensionless);<br>$\Omega$ , OmegaEM parameter; and<br>$A$ , cumulative drainage area, in square miles. |                                                                            |

Discharges for the 1-percent plus and 1-percent minus annual chance event were calculated as  $Q_{1\% \pm} = 10^{\log_{10}(Q_{1\%}) \pm 0.437 \times 0.3}$ , where 0.30 is the mean residual standard error for the  $Q_{100}$  (1%) equation.

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://prism.oregonstate.edu/normals/>. The annual precipitation values reflect data for the climatological period 1981-2010 as recorded by the Natural Resources Conservation Service (NRCS).

The main-channel slope was calculated in ESRI ArcPro. An automated routine determined the longest flowpath from upstream of a reach to the outlet of the sub-basin of interest. The elevations for those endpoints were based on the 10-foot DEM developed from the LiDAR.

From USGS SIR 2009-5087, the OmegaEM parameter is a generalized terrain and climate index that expresses relative differences in peak-streamflow potential. A flood frequency analysis was performed based on available gage data within the watershed. This process is discussed further in Section 1.2.1. The OmegaEM parameter was established based on two gages along the Lampasas River Mainstem: Kempner Gage (No. 8103800) and the Youngsport Gage (No. 8104000). The analysis ensured consistent and appropriate OmegaEM values for the HUC based on review of topographic changes as well as historic flow data.

Automated basin delineations were performed in ESRI ArcPro. Basin break points were set by the user with a sub-basin target size of one square mile outside of population centers and 0.5 square miles within population centers. This criterion was adjusted for the main stem of the Lampasas River to avoid excessive and unnecessary discharge breaks. Break points were also set immediately upstream of stream confluences as well as at roadway crossings and major spillways. Cumulative drainage area was determined based on these automated delineations performed by ESRI ArcPro in combination with a stream connectivity routine that defined the stream reach segments with upstream and downstream neighbors.

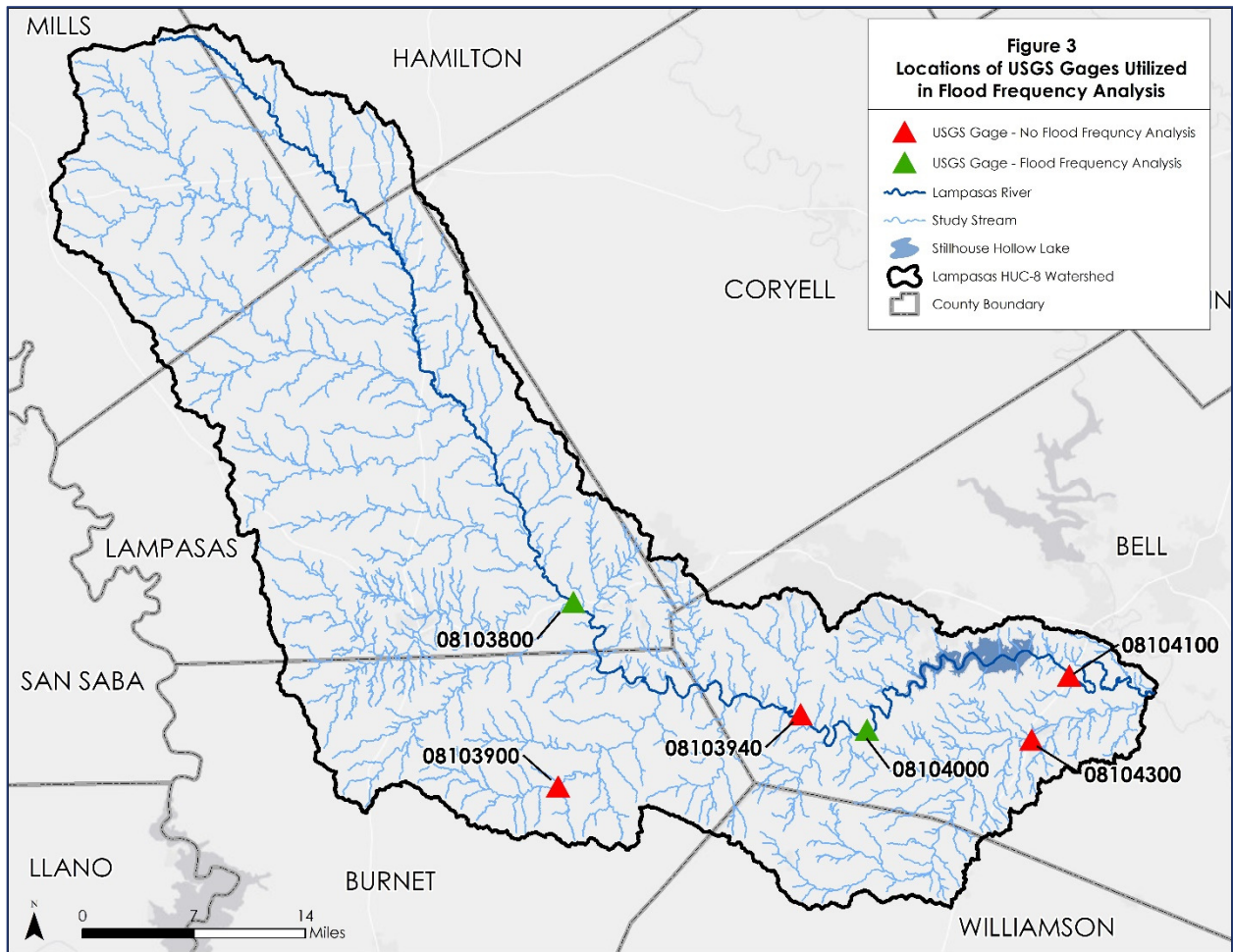
The sub-basin shapefile was attributed with the computed discharges, and those discharges were incorporated into the HEC-RAS models using an automated routine in ESRI ArcPro. Discharges, as well as water surface elevation results, were associated with the hydraulic cross-sections prior to generation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

### 1.2.1 Flood Frequency Analyses

A flood frequency analysis was prepared for the Lampasas watershed. There are 6 USGS gages within the Lampasas watershed, only two of which were processed to generate frequency discharges. The Kempner Gage (No. 8103800) and Youngsport Gage (No. 8104000) provided a consistent period of record that was used for the flood frequency analysis. Table 4 presents all the gages in the watershed including the source of the data, location of the gage, period of record, and stream the gage is located on. Figure 3 shows the locations of USGS gages utilized in the flood frequency analyses.

**Table 4: Lampasas Watershed Stream Gages**

| Gage Number  | Flooding Source and Location  | Published Drainage Area (mi <sup>2</sup> ) | Period of Record |
|--------------|-------------------------------|--------------------------------------------|------------------|
| USGS 8103800 | Lampasas Rv nr Kempner, TX    | 818                                        | 1963-2020        |
| USGS 8103900 | S Fk Rocky Ck nr Briggs, TX   | 33.3                                       | 1963-2020        |
| USGS 8103940 | Lampasas Rv at Ding Dong, TX  | 1195                                       | 2016-2020        |
| USGS 8104000 | Lampasas Rv at Youngsport, TX | 1240                                       | 1924-1980        |
| USGS 8104100 | Lampasas Rv nr Belton, TX     | 1321                                       | 1963-2020        |
| USGS 8104300 | Salado Ck at Salado, TX       | 136                                        | 2013-2020        |



**Figure 3: Locations of USGS Gages Utilized in Flood Frequency Analysis**

Of the six USGS gages in the Lampasas Watershed, only two had sufficient data for a significant area of the watershed to perform a flood frequency analysis: Lampasas River at Kempner and at Youngsport (Gage Nos. 8103800 and 8104000, respectively). The gage along the Lampasas River at Ding Dong (No. 8103940) and the one along Salado Creek at Salado (No. 8104300) did not have sufficient data to analyze, with only one and 4 peak flows recorded, respectively. The gage along the Lampasas River at Belton is located downstream of the Stillhouse Hollow Dam. The construction of this dam splits the peak flow data and causing it to be unusable for the purpose of analyzing historic flood frequency flows. The gage along South Fork Rocky Creek at Briggs (8103900), captures data for less than 35 square miles of the tributary drainage area. With such a large watershed study, the flood frequency analyses were performed only for the mainstem Lampasas River as an overall assessment for the HUC-8 study.

A flood frequency analysis was computed for the two USGS gages to determine the peak discharges for the Lampasas Watershed using the USGS “Guidelines for Determining Flood Flow Frequency, Bulletin #17B”, revised September 1982. The 2009 regression models predict lower 1-percent annual chance event streamflow values than the flood frequency analyses on the gages located along the Lampasas River. Therefore, a frequency adjustment factor was used to increase the 2009 regression flows to more closely align with the gage data.

Peak flows upstream of Stillhouse Hollow Dam were adjusted based on the flood frequency analysis of the USGS gages. Releases from the Dam were based on the discharge rating curve received from the U.S. Army Corps of Engineers (USACE). The discharge rating curve for the Dam is provided in Table 5. Downstream of the dam, no adjustment factor was used.

**Table 5: Stillhouse Hollow Dam Discharges**

| Return Period (Yr) | Pool Elevation (ft-msl) | Outflow from Dam (cfs) | Type of Release   |
|--------------------|-------------------------|------------------------|-------------------|
| 2.00               | 625.00                  | 2,265                  | Main Outlet Gates |
| 5.00               | 633.00                  | 3,850                  | Main Outlet Gates |
| 10.00              | 640.00                  | 4,400                  | Main Outlet Gates |
| 20                 | 649.14                  | 4,920                  | Main Outlet Gates |
| 25                 | 654.00                  | 5,000                  | Main Outlet Gates |
| 50                 | 666.00                  | 5,500                  | Main Outlet Gates |
| 100                | 667.50                  | 7,000                  | Spillway          |
| 200                | 668.10                  | 9,647                  | Spillway          |
| 500                | 669.30                  | 19,241                 | Spillway          |

### 1.3 Hydraulics

The hydraulic approach for the BLE analysis of the Lampasas watershed consisted of using the terrain model described in Section 1.1 in combination with the hydrologic outputs from Section 1.1.1 to establish water surface elevations using a 1-D steady state analysis. The Hydrologic Engineering Center's River Analysis System (HEC-RAS) program version 5.0.5 was chosen as the computer model to compute water surface elevations on a stream by stream basis. Automated ESRI ArcPro tools were used to establish model stream orientation, generate initial hydraulic cross-section spacing, assign n-values to cross-sections, and develop all input files for the HEC-RAS program. Cross section layouts were established manually based on the automated cross section spacing.

To improve the hydraulic models, additional cross-sections were added as needed to better define the BLE floodplain boundary. Cross-sections were extended in locations where overtopping occurred. 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 adjusted to remove sections that intersected hydraulic crossings in the floodplain.

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

In typical BLE projects, Manning's roughness coefficients (n-values) are determined using the 2016 National Land Cover Data (NLCD) dataset in combination with n-values from Chow (1959) and Calenda et al. (2005). The 2016 NLCD data was verified and adjusted according to aerial imagery. The association between the n-values and the NLCD Classification is shown in Table 6.



Channel bank stations were manually set to represent the natural channel bank for each stream. N-values within these channel banks are set to 0.05 for all the tributaries, and 0.04 for the Lampasas River. Then, overbank and channel n-values are manually adjusted in certain locations based on engineering judgment.

**Table 6: Manning's "n" Roughness Based on 2016 NLCD Classification**

| NLCD Classification           | n-value |
|-------------------------------|---------|
| Barren Land                   | 0.06    |
| Cultivated Crops              | 0.06    |
| Developed, High/Med Intensity | 0.12    |
| Developed, Low Intensity      | 0.09    |
| Developed, Open Space         | 0.07    |
| Emergent Herbaceous Wetlands  | 0.1     |
| Forest                        | 0.1     |
| Herbaceous/Pasture            | 0.05    |
| Shrub/Scrub                   | 0.08    |

The boundary condition used was calculated based on the channel inverts of the downstream cross-sections, with a minimum allowable slope of 0.0001 ft/ft.

Several HUC-10s within this watershed are located in urban areas with storm drain systems, which are unaccounted for in the BLE models. Simplifications of these systems may considerably affect perceived risk.

## 1.4 Quality Control

Following the initial BLE analysis in each watershed, the flood hazard area delineations created by the BLE process were reviewed for areas where the results were not ideal.

Typical manual editing resulting from reasonability checks included adding cross-sections, adjusting orientation of cross-sections, and trimming cross-sections. Other examples of manual editing included the addition of cross-sections at confluence areas (see Figure 4 below), modifications to improve perpendicular orientation at the channel, adjustment of discharge breaks to better represent flow addition points, additional cross-sections bounding major hydraulic structures, and revisions to n-values.

A major component of the QC process was an automated check that identified locations where any of the profiles were crossed by any other frequency profile. Significant effort was made to reasonably resolve all of these instances.

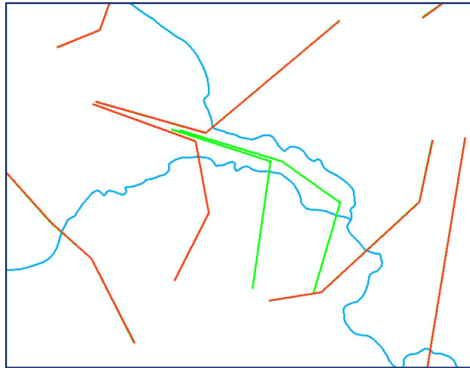


Figure 4: Manually added cross-sections (green) to improve accuracy of tie-ins at confluences.

## 1.5 One-Percent Special Flood Hazard Area Delineation

The 10-percent, 1-percent and 0.2-percent annual chance event 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 0.5 acres in the 10% ACE event floodplain and 2 acres in the 1% and 0.2% ACE even floodplains 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 0.5 acres and 2 acres were inspected and, in general, islands that were less than 0.5 acres in the 10% ACE event floodplain and 2 acres in the 1% and 0.2% ACE even floodplains 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, with no holes in the raster. 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 vary based on available data on which to run the analysis. The Lampasas watershed presented challenges as summarized in the following paragraphs.

A significant effort was made to improve water surface elevation tie-ins at stream confluences. Cross-sections were manually added on the downstream end of nearly every stream, some of which traverse the receiving stream, so that the water surface elevation of the tributary would seamlessly tie into that of the receiving stream.

Areas of 2D flow interaction could not be appropriately modeled and mapped using a 1D modeling approach. These areas typically occur at parallel streams where flow conveyance between the channels could occur.

There are a significant number of small-sized dams on the tributaries throughout the watershed. Discharges calculated with the regression equations do not take into account the storage impact of these structures. There may be need for further investigation when upgrading these models for detailed studies.

## Results and Recommendations

The BLE results for this study produced a SFHA that compares reasonably well with the effective SFHA. These boundaries provide an additional estimated SFHA in areas that do not currently have an 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. **CNMS Validation of Effective Zone A SFHA**

The following summarizes the results of the CNMS validation assessments for the effective Zone A studies in the Lampasas watershed.

### 1.6.1.1 Initial Assessment A1 – Significant Topography Update Check

The significant topography update check determines whether a topographic data source is available that is significantly better than what was used for the effective Zone A modeling and mapping. For most of the study area the effective Zone A topographic data source is unknown, but most likely would have leveraged contours from USGS 24K map products. This caused most reaches to FAIL this element because the elevation data leveraged in the BLE study represents a significant improvement from the USGS 24K map products. The BLE study used the most recent lidar available, which is significantly greater quality than the previous study.

### 1.6.1.2 Initial Assessment A2 – Check for Significant Hydrology Changes

The significant hydrology changes check determines whether new regression equations have become available from the USGS since the date of the effective Zone A study. 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. Most reaches being assessed did not use regression methods or the hydrologic methods are unknown/undocumented. The main reaches along Lake Stillhouse Hollow and Salado Creek more current regression equations (1992). Therefore, all reaches in the watershed PASS this check.

### 1.6.1.3 Initial Assessment A3 – Check for Significant Development

The significant development check, using the National Urban Change Indicator (NUCI) dataset, assesses increased urbanization in the watershed of the BLE. If the percentage of urban area within the HUC watershed containing the effective Zone A study is 15 percent or more and has increased by 50 percent 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 the Lampasas study area was completed by evaluating percentage of urban change, with all passing as the majority of this huc is rural.

Table 7 presents the summarized results of checks A1 through A3.

**Table 7: A1-A3 Validation Results**

| Assessment Checks | Pass / Fail | Notes                                                                                                         |
|-------------------|-------------|---------------------------------------------------------------------------------------------------------------|
| A1 - Topography   | Pass        | Most recent and available lidar was used                                                                      |
| A2 - Hydrology    | Pass        | Regression was not used for effective studies or the most current regression equations were used              |
| A3 - Development  | Pass        | <50% increase in urban since effective study in urban HUC-12/Less than 15% of study area is under urban cover |

#### **1.6.1.4 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, a comparison of the BLE results and effective Zone A’s is performed. Due to lack of documentation of the original engineering methods in the majority of the Lampasas Watershed, check A4 has been marked as FAIL for most reaches.

#### **1.6.1.5 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).

Of the 35 HUC12s in the study area, 4 were found to correspond (within the tolerance limits) with effective Zone A flood zones. Comparison results for these streams are summarized in to better understand the general health of the HUC-12 watershed. 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 8: HUC-12 Zone A Validation Results

| HUC-12 Watershed                    |                    | Total FBS points | Fail       | Pass         | % Pass     | BLE Comparison Pass? (>85%) |
|-------------------------------------|--------------------|------------------|------------|--------------|------------|-----------------------------|
| Watershed Name                      | Watershed Number   |                  |            |              |            |                             |
| <b>All</b>                          | <b>All Streams</b> | <b>2,504</b>     | <b>252</b> | <b>2,252</b> | <b>90%</b> | Pass                        |
| North Bennett Creek                 | 120702030101       | 66               | 0          | 66           | 100%       | Pass                        |
| South Bennett Creek                 | 120702030102       | 74               | 0          | 74           | 100%       | Pass                        |
| South Lampasas River-Lampasas River | 120702030103       | 48               | 0          | 48           | 100%       | Pass                        |
| Bennett Creek                       | 120702030104       | 64               | 0          | 64           | 100%       | Pass                        |
| Dry Branch-Lampasas River           | 120702030105       | 46               | 0          | 46           | 100%       | Pass                        |
| Turkey Creek-Lampasas River         | 120702030106       | 30               | 0          | 30           | 100%       | Pass                        |
| North Simms Creek                   | 120702030201       | 38               | 0          | 38           | 100%       | Pass                        |
| Upper Simms Creek                   | 120702030202       | 22               | 22         | 0            | 0%         | Fail                        |
| Lower Simms Creek                   | 120702030203       | 66               | 0          | 66           | 100%       | Pass                        |
| School Creek                        | 120702030204       | 32               | 0          | 32           | 100%       | Pass                        |
| Mill Branch-Lampasas River          | 120702030205       | 42               | 0          | 42           | 100%       | Pass                        |
| Little Lucy Creek                   | 120702030301       | 42               | 42         | 0            | 0%         | Pass                        |
| Fall Creek-Lampasas River           | 120702030302       | 28               | 0          | 28           | 100%       | Pass                        |
| Lucy Creek                          | 120702030303       | 56               | 0          | 56           | 100%       | Pass                        |
| Pillar Bluff Creek                  | 120702030304       | 18               | 0          | 18           | 100%       | Pass                        |
| Pitt Creek                          | 120702030305       | 74               | 0          | 74           | 100%       | Pass                        |
| Burleson Creek-Sulphur Creek        | 120702030306       | 384              | 0          | 384          | 100%       | Pass                        |
| Mesquite Creek                      | 120702030307       | 46               | 0          | 46           | 100%       | Pass                        |
| Taylor Creek                        | 120702030308       | 140              | 0          | 140          | 100%       | Pass                        |
| City of Kempner-Lampasas River      | 120702030309       | 46               | 0          | 46           | 100%       | Pass                        |
| South Salado Creek                  | 120702030401       | 46               | 46         | 0            | 0%         | Fail                        |
| Buttermilk Creek-Salado Creek       | 120702030402       | 94               | 0          | 94           | 100%       | Pass                        |
| Mustang Creek-Salado Creek          | 120702030403       | 136              | 0          | 136          | 100%       | Pass                        |



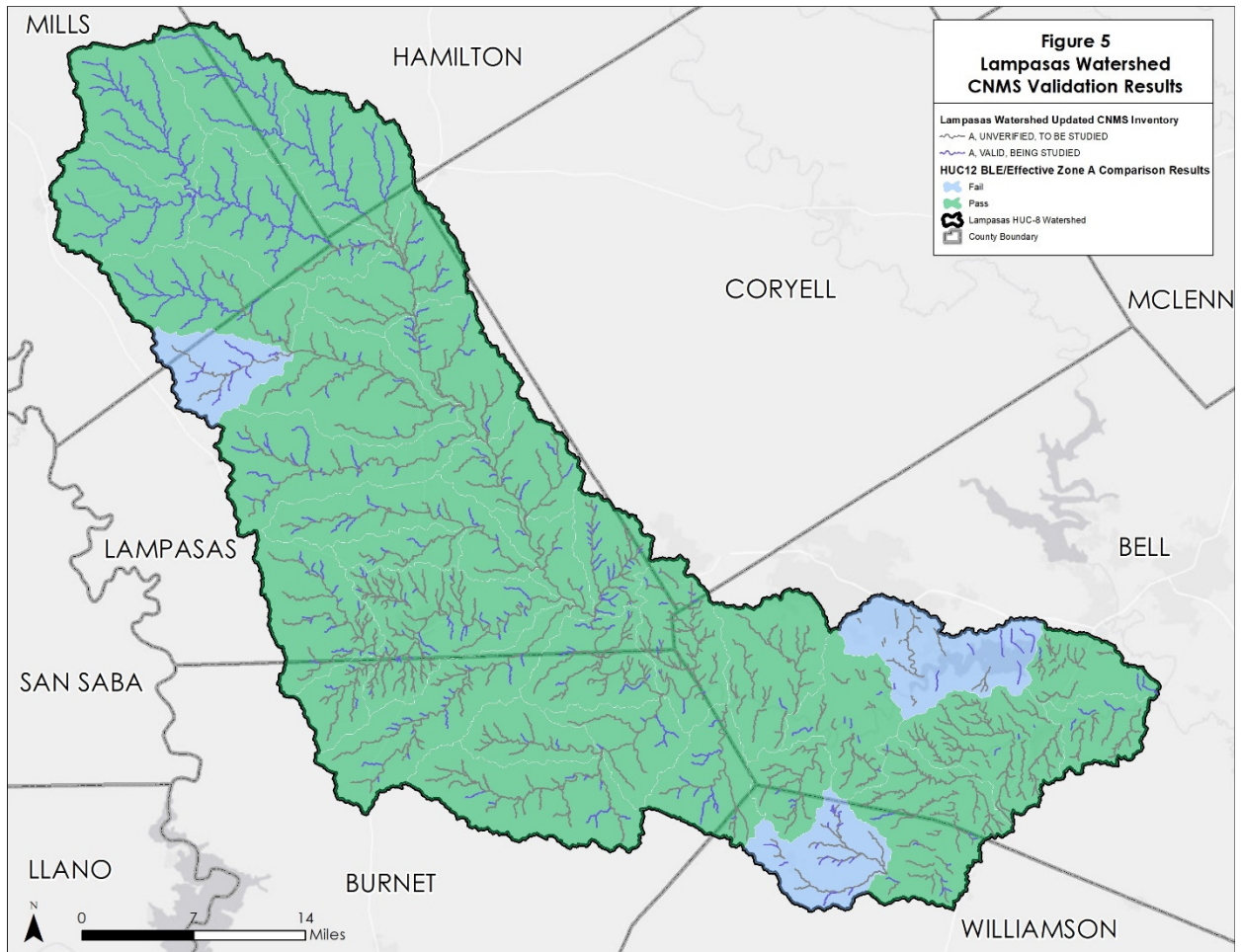
| HUC-12 Watershed                  |                  | Total FBS points | Fail | Pass | % Pass | BLE Comparison Pass? (>85%) |
|-----------------------------------|------------------|------------------|------|------|--------|-----------------------------|
| Watershed Name                    | Watershed Number |                  |      |      |        |                             |
| Moon Branch-Salado Creek          | 120702030404     | 22               | 0    | 22   | 100%   | Pass                        |
| North Rocky Creek                 | 120702030501     | 38               | 0    | 38   | 100%   | Pass                        |
| South Rocky Creek                 | 120702030502     | 32               | 0    | 32   | 100%   | Pass                        |
| Miller Branch-Rocky Creek         | 120702030503     | 24               | 0    | 24   | 100%   | Pass                        |
| Panther Den Branch-Lampasas River | 120702030504     | 64               | 0    | 64   | 100%   | Pass                        |
| McDaniel Branch-Mill Creek        | 120702030505     | 38               | 0    | 38   | 100%   | Pass                        |
| Clear Creek-Lampasas River        | 120702030506     | 188              | 0    | 188  | 100%   | Pass                        |
| Reese Creek-Lampasas River        | 120702030507     | 52               | 0    | 52   | 100%   | Pass                        |
| Rocky Creek                       | 120702030508     | 70               | 0    | 70   | 100%   | Pass                        |
| Rock Creek-Lampasas River         | 120702030509     | 88               | 0    | 88   | 100%   | Pass                        |
| Stillhouse Hollow Lake            | 120702030510     | 142              | 142  | 0    | 0%     | Fail                        |
| Mitchell Branch-Lampasas River    | 120702030511     | 108              | 0    | 108  | 100%   | Pass                        |

## VALIDATION RESULTS

Based on the validation assessments and BLE comparison results described above, the CNMS inventory of Zone A studies in the Lampasas Watershed has been updated as summarized in Table 9 and illustrated in 5 below.

Table 9: Aggregated Zone A Validation Results

| Validation Status | Status Type   | Total Miles |
|-------------------|---------------|-------------|
| Valid             | Being Studied | 166.0       |
| Assessed          | Being Studied | 593.7       |
| Unverified        | To Be Studied | 1,165.0     |



**Figure 5: Lampasas Watershed CNMS Validation Results**

## References

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## Appendix A Summary of Peak Qs

Table A-1: Summary of Hydrology

| Stream Name    | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|----------------|----------------------------|----------------------|-----------------------|-----------------------|
|                |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Lampasas River |                            |                      |                       |                       |
| Lampasas River | 1.80                       | 1,280                | 950                   | 1,730                 |
| Lampasas River | 7.06                       | 3,670                | 2,710                 | 4,960                 |
| Lampasas River | 7.13                       | 3,720                | 2,750                 | 5,030                 |
| Lampasas River | 7.24                       | 3,750                | 2,770                 | 5,070                 |
| Lampasas River | 24.75                      | 9,640                | 7,130                 | 13,040                |
| Lampasas River | 32.82                      | 11,320               | 8,370                 | 15,300                |
| Lampasas River | 47.66                      | 14,520               | 10,740                | 19,640                |
| Lampasas River | 56.00                      | 15,960               | 11,800                | 21,580                |
| Lampasas River | 80.72                      | 19,590               | 14,480                | 26,490                |
| Lampasas River | 98.74                      | 22,180               | 16,400                | 29,990                |
| Lampasas River | 277.91                     | 40,420               | 29,890                | 54,660                |
| Lampasas River | 289.61                     | 40,990               | 30,310                | 55,430                |
| Lampasas River | 318.71                     | 42,810               | 31,660                | 57,900                |
| Lampasas River | 334.78                     | 43,430               | 32,120                | 58,740                |
| Lampasas River | 485.28                     | 55,590               | 41,110                | 75,180                |
| Lampasas River | 486.02                     | 55,590               | 41,110                | 75,180                |
| Lampasas River | 549.87                     | 60,270               | 44,570                | 81,510                |
| Lampasas River | 584.26                     | 62,080               | 45,900                | 83,950                |
| Lampasas River | 584.68                     | 62,080               | 45,900                | 83,950                |
| Lampasas River | 608.18                     | 62,840               | 46,460                | 84,980                |
| Lampasas River | 609.00                     | 62,840               | 46,460                | 84,980                |
| Lampasas River | 682.75                     | 66,900               | 49,470                | 90,480                |
| Lampasas River | 814.76                     | 75,280               | 55,660                | 101,810               |
| Lampasas River | 815.34                     | 75,280               | 55,660                | 101,810               |
| Lampasas River | 815.38                     | 75,280               | 55,660                | 101,810               |
| Lampasas River | 881.74                     | 79,220               | 58,580                | 107,140               |
| Lampasas River | 947.50                     | 79,810               | 59,010                | 107,930               |
| Lampasas River | 1,061.78                   | 86,050               | 63,630                | 116,370               |
| Lampasas River | 1,064.05                   | 86,050               | 63,630                | 116,370               |
| Lampasas River | 1,104.13                   | 86,400               | 63,890                | 116,850               |
| Lampasas River | 1,140.44                   | 88,480               | 65,420                | 119,660               |
| Lampasas River | 1,144.82                   | 88,480               | 65,420                | 119,660               |
| Lampasas River | 1,163.65                   | 88,490               | 65,430                | 119,670               |
| Lampasas River | 1,191.94                   | 89,810               | 66,410                | 121,460               |
| Lampasas River | 1,197.91                   | 89,810               | 66,410                | 121,460               |
| Lampasas River | 1,236.25                   | 90,610               | 67,000                | 122,540               |
| Lampasas River | 1,237.01                   | 90,610               | 67,000                | 122,540               |
| Lampasas River | 1,253.82                   | 90,610               | 67,000                | 122,540               |
| Lampasas River | 1,280.64                   | 90,610               | 67,000                | 122,540               |
| Lampasas River | 1,309.45                   | 90,610               | 67,000                | 122,540               |
| Lampasas River | 1,508.36                   | 7,000                | 5,180                 | 9,470                 |

| Stream Name                         | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------------------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                                     |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Lampasas River                      | 1,525.17                   | 14,210               | 10,510                | 19,220                |
| Lampasas River                      | 1,549.91                   | 14,970               | 11,070                | 20,250                |
| Lampasas River                      | 1,748.32                   | 44,600               | 32,980                | 60,320                |
| <b>Bennett Creek-Lampasas River</b> |                            |                      |                       |                       |
| Bennett Creek                       | 97.90                      | 24,220               | 17,910                | 32,760                |
| Bennett Creek                       | 98.88                      | 24,400               | 18,040                | 32,990                |
| Bennett Creek                       | 99.45                      | 24,400               | 18,040                | 32,990                |
| Bennett Creek                       | 99.99                      | 24,400               | 18,040                | 32,990                |
| Bennett Creek                       | 100.74                     | 24,400               | 18,040                | 32,990                |
| Bennett Creek                       | 104.60                     | 24,400               | 18,040                | 32,990                |
| Bennett Creek                       | 109.28                     | 24,860               | 18,380                | 33,620                |
| Bennett Creek                       | 115.80                     | 25,800               | 19,070                | 34,890                |
| Bennett Creek                       | 116.33                     | 25,800               | 19,070                | 34,890                |
| Bennett Creek                       | 118.74                     | 25,970               | 19,200                | 35,120                |
| Bennett Creek                       | 123.50                     | 26,500               | 19,590                | 35,840                |
| Bennett Creek                       | 124.54                     | 26,500               | 19,590                | 35,840                |
| Bennett Creek                       | 124.76                     | 26,500               | 19,590                | 35,840                |
| Bennett Creek                       | 125.62                     | 26,500               | 19,590                | 35,840                |
| Bennett Creek                       | 126.48                     | 26,500               | 19,590                | 35,840                |
| Bennett Creek                       | 126.95                     | 26,500               | 19,590                | 35,840                |
| Bennett Creek                       | 128.94                     | 26,500               | 19,590                | 35,840                |
| Bennett Creek                       | 136.60                     | 27,150               | 20,080                | 36,720                |
| Bennett Creek                       | 143.05                     | 28,050               | 20,740                | 37,940                |
| Bennett Creek                       | 143.69                     | 28,050               | 20,740                | 37,940                |
| Bennett Creek                       | 144.43                     | 28,050               | 20,740                | 37,940                |
| Bennett Creek                       | 145.35                     | 28,050               | 20,740                | 37,940                |
| Bennett Creek                       | 146.51                     | 28,050               | 20,740                | 37,940                |
| Bennett Creek                       | 147.82                     | 28,050               | 20,740                | 37,940                |
| Bennett Creek                       | 148.62                     | 28,050               | 20,740                | 37,940                |
| Bennett Creek                       | 149.52                     | 28,050               | 20,740                | 37,940                |
| Bennett Creek                       | 155.81                     | 28,260               | 20,900                | 38,220                |
| Bennett Creek                       | 157.40                     | 28,300               | 20,930                | 38,280                |
| Bennett Creek                       | 159.05                     | 28,390               | 20,990                | 38,400                |
| Bennett Creek                       | 159.07                     | 28,390               | 20,990                | 38,400                |
| Bennett Creek                       | 160.33                     | 28,440               | 21,030                | 38,460                |
| Bennett Creek                       | 162.58                     | 28,560               | 21,120                | 38,620                |
| Bennett Creek                       | 163.75                     | 28,560               | 21,120                | 38,630                |
| Bennett Creek                       | 164.39                     | 28,560               | 21,120                | 38,630                |
| Freeman Branch                      | 0.91                       | 1,180                | 880                   | 1,600                 |
| Freeman Branch                      | 1.82                       | 2,060                | 1,530                 | 2,790                 |
| Freeman Branch                      | 2.17                       | 2,250                | 1,670                 | 3,050                 |
| Freeman Branch                      | 2.39                       | 2,360                | 1,740                 | 3,190                 |
| Freeman Branch                      | 2.56                       | 2,390                | 1,760                 | 3,230                 |
| Freeman Branch                      | 4.68                       | 3,730                | 2,760                 | 5,050                 |



| Stream Name          | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|----------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                      |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Freeman Branch       | 8.49                       | 5,860                | 4,330                 | 7,930                 |
| Freeman Branch       | 8.86                       | 5,930                | 4,390                 | 8,030                 |
| Freeman Branch       | 8.90                       | 5,930                | 4,390                 | 8,030                 |
| Gholson Creek        | 1.38                       | 1,160                | 860                   | 1,570                 |
| Gholson Creek        | 2.07                       | 1,680                | 1,240                 | 2,270                 |
| Gholson Creek        | 3.06                       | 2,350                | 1,740                 | 3,180                 |
| Gholson Creek        | 3.86                       | 2,770                | 2,050                 | 3,740                 |
| Gholson Creek        | 4.63                       | 3,090                | 2,280                 | 4,170                 |
| Gholson Creek        | 5.61                       | 3,490                | 2,580                 | 4,720                 |
| Gholson Creek        | 6.26                       | 3,790                | 2,800                 | 5,120                 |
| Gholson Creek        | 6.91                       | 3,970                | 2,930                 | 5,360                 |
| Gholson Creek        | 8.75                       | 4,730                | 3,490                 | 6,390                 |
| Gholson Creek        | 8.98                       | 4,730                | 3,490                 | 6,390                 |
| Gholson Creek        | 9.12                       | 4,810                | 3,560                 | 6,510                 |
| Heatley Branch       | 0.45                       | 680                  | 500                   | 920                   |
| Heatley Branch       | 0.66                       | 930                  | 690                   | 1,260                 |
| Heatley Branch       | 1.36                       | 1,670                | 1,240                 | 2,260                 |
| Heatley Branch       | 2.02                       | 2,180                | 1,610                 | 2,950                 |
| Heatley Branch       | 2.55                       | 2,400                | 1,770                 | 3,240                 |
| Heatley Branch       | 4.99                       | 4,010                | 2,970                 | 5,430                 |
| Heatley Branch       | 6.81                       | 4,980                | 3,680                 | 6,730                 |
| Heatley Branch       | 6.84                       | 4,990                | 3,690                 | 6,740                 |
| Heatley Branch       | 7.18                       | 5,040                | 3,730                 | 6,810                 |
| Long Branch          | 1.16                       | 1,380                | 1,020                 | 1,870                 |
| Long Branch          | 1.33                       | 1,470                | 1,080                 | 1,980                 |
| Long Branch          | 3.31                       | 2,870                | 2,130                 | 3,890                 |
| Long Branch          | 4.32                       | 3,470                | 2,570                 | 4,690                 |
| Long Branch          | 5.24                       | 3,810                | 2,820                 | 5,150                 |
| Long Branch          | 5.28                       | 3,920                | 2,900                 | 5,300                 |
| Long Branch          | 6.23                       | 4,170                | 3,080                 | 5,640                 |
| Middle Bennett Creek | 0.50                       | 550                  | 410                   | 750                   |
| Middle Bennett Creek | 1.22                       | 1,190                | 880                   | 1,610                 |
| Middle Bennett Creek | 1.50                       | 1,380                | 1,020                 | 1,870                 |
| Middle Bennett Creek | 1.62                       | 1,450                | 1,070                 | 1,960                 |
| Middle Bennett Creek | 1.66                       | 1,490                | 1,100                 | 2,010                 |
| Middle Bennett Creek | 4.81                       | 3,420                | 2,530                 | 4,620                 |
| Middle Bennett Creek | 5.80                       | 3,990                | 2,950                 | 5,400                 |
| Middle Bennett Creek | 5.93                       | 3,990                | 2,950                 | 5,400                 |
| Middle Bennett Creek | 8.32                       | 5,280                | 3,900                 | 7,140                 |
| Middle Bennett Creek | 8.99                       | 5,410                | 4,000                 | 7,320                 |
| Middle Bennett Creek | 9.64                       | 5,710                | 4,220                 | 7,720                 |
| Middle Bennett Creek | 10.08                      | 5,770                | 4,270                 | 7,810                 |
| Middle Bennett Creek | 10.13                      | 5,800                | 4,290                 | 7,840                 |
| Middle Bennett Creek | 12.27                      | 6,550                | 4,840                 | 8,860                 |

| Stream Name          | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|----------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                      |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Middle Bennett Creek | 13.08                      | 6,740                | 4,980                 | 9,110                 |
| Middle Bennett Creek | 13.35                      | 6,960                | 5,150                 | 9,410                 |
| Mustang Creek 2      | 0.88                       | 870                  | 640                   | 1,170                 |
| Mustang Creek 2      | 1.19                       | 1,060                | 780                   | 1,440                 |
| Mustang Creek 2      | 2.20                       | 1,730                | 1,280                 | 2,340                 |
| Mustang Creek 2      | 3.13                       | 2,300                | 1,700                 | 3,110                 |
| Mustang Creek 2      | 3.86                       | 2,690                | 1,990                 | 3,640                 |
| Mustang Creek 2      | 4.20                       | 2,860                | 2,110                 | 3,860                 |
| Mustang Creek 2      | 4.75                       | 3,140                | 2,320                 | 4,250                 |
| Mustang Creek 2      | 4.97                       | 3,210                | 2,380                 | 4,350                 |
| Mustang Creek 2      | 10.83                      | 6,150                | 4,550                 | 8,320                 |
| Mustang Creek 2      | 12.21                      | 6,710                | 4,960                 | 9,080                 |
| Mustang Creek 2      | 12.30                      | 6,710                | 4,960                 | 9,080                 |
| North Bennett Creek  | 0.89                       | 790                  | 580                   | 1,070                 |
| North Bennett Creek  | 1.29                       | 1,010                | 750                   | 1,370                 |
| North Bennett Creek  | 1.41                       | 1,140                | 840                   | 1,540                 |
| North Bennett Creek  | 2.40                       | 1,760                | 1,300                 | 2,380                 |
| North Bennett Creek  | 4.03                       | 2,640                | 1,950                 | 3,580                 |
| North Bennett Creek  | 4.12                       | 2,660                | 1,970                 | 3,600                 |
| North Bennett Creek  | 4.25                       | 2,710                | 2,000                 | 3,660                 |
| North Bennett Creek  | 6.12                       | 3,560                | 2,630                 | 4,820                 |
| North Bennett Creek  | 9.43                       | 5,000                | 3,700                 | 6,770                 |
| North Bennett Creek  | 11.33                      | 5,750                | 4,250                 | 7,780                 |
| North Bennett Creek  | 12.84                      | 6,220                | 4,600                 | 8,420                 |
| North Bennett Creek  | 13.20                      | 6,280                | 4,650                 | 8,500                 |
| North Bennett Creek  | 13.88                      | 6,400                | 4,730                 | 8,660                 |
| North Bennett Creek  | 15.80                      | 6,910                | 5,110                 | 9,350                 |
| North Bennett Creek  | 16.57                      | 6,960                | 5,150                 | 9,420                 |
| North Bennett Creek  | 16.98                      | 7,300                | 5,400                 | 9,870                 |
| North Bennett Creek  | 17.61                      | 7,380                | 5,460                 | 9,990                 |
| North Bennett Creek  | 26.78                      | 10,200               | 7,540                 | 13,790                |
| North Bennett Creek  | 26.85                      | 10,240               | 7,580                 | 13,850                |
| North Bennett Creek  | 29.00                      | 10,670               | 7,890                 | 14,430                |
| North Bennett Creek  | 41.96                      | 13,980               | 10,340                | 18,910                |
| North Bennett Creek  | 42.43                      | 13,980               | 10,340                | 18,910                |
| North Bennett Creek  | 45.23                      | 14,380               | 10,630                | 19,450                |
| North Bennett Creek  | 47.55                      | 14,870               | 10,990                | 20,100                |
| North Bennett Creek  | 50.52                      | 15,310               | 11,320                | 20,710                |
| North Bennett Creek  | 50.60                      | 15,310               | 11,320                | 20,710                |
| North Bennett Creek  | 50.81                      | 15,310               | 11,320                | 20,710                |
| North Bennett Creek  | 51.00                      | 15,310               | 11,320                | 20,710                |
| North Turkey Creek   | 0.20                       | 300                  | 220                   | 410                   |
| North Turkey Creek   | 0.22                       | 320                  | 240                   | 430                   |
| North Turkey Creek   | 1.10                       | 1,130                | 830                   | 1,530                 |

| Stream Name         | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|---------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                     |                            | (cfs)                | (cfs)                 | (cfs)                 |
| North Turkey Creek  | 2.08                       | 1,830                | 1,350                 | 2,470                 |
| North Turkey Creek  | 2.98                       | 2,360                | 1,750                 | 3,190                 |
| North Turkey Creek  | 3.68                       | 2,790                | 2,070                 | 3,780                 |
| North Turkey Creek  | 4.42                       | 3,210                | 2,370                 | 4,340                 |
| North Turkey Creek  | 5.30                       | 3,600                | 2,660                 | 4,870                 |
| North Turkey Creek  | 7.29                       | 4,530                | 3,350                 | 6,120                 |
| North Turkey Creek  | 7.80                       | 4,660                | 3,450                 | 6,300                 |
| Owens Branch        | 0.96                       | 1,280                | 950                   | 1,740                 |
| Owens Branch        | 1.73                       | 1,970                | 1,450                 | 2,660                 |
| Owens Branch        | 2.49                       | 2,500                | 1,850                 | 3,380                 |
| Owens Branch        | 2.64                       | 2,540                | 1,880                 | 3,440                 |
| Owens Branch        | 3.22                       | 2,690                | 1,990                 | 3,640                 |
| Slaughter Branch    | 0.91                       | 1,170                | 870                   | 1,580                 |
| Slaughter Branch    | 1.31                       | 1,570                | 1,160                 | 2,130                 |
| Slaughter Branch    | 1.35                       | 1,630                | 1,210                 | 2,210                 |
| Slaughter Branch    | 1.89                       | 2,000                | 1,480                 | 2,700                 |
| Slaughter Branch    | 2.22                       | 2,160                | 1,600                 | 2,930                 |
| Slaughter Branch    | 2.36                       | 2,230                | 1,650                 | 3,020                 |
| Slaughter Branch    | 2.37                       | 2,240                | 1,650                 | 3,030                 |
| Slaughter Branch    | 4.48                       | 3,640                | 2,690                 | 4,920                 |
| Slaughter Branch    | 4.81                       | 3,740                | 2,770                 | 5,060                 |
| Slaughter Branch    | 4.85                       | 3,750                | 2,770                 | 5,070                 |
| Slaughter Branch    | 7.13                       | 5,010                | 3,700                 | 6,770                 |
| Slaughter Branch    | 7.14                       | 5,010                | 3,700                 | 6,770                 |
| Slaughter Branch    | 7.65                       | 5,050                | 3,740                 | 6,830                 |
| South Bennett Creek | 0.10                       | 150                  | 110                   | 200                   |
| South Bennett Creek | 0.86                       | 940                  | 690                   | 1,270                 |
| South Bennett Creek | 2.83                       | 2,510                | 1,860                 | 3,400                 |
| South Bennett Creek | 3.16                       | 2,690                | 1,990                 | 3,640                 |
| South Bennett Creek | 3.47                       | 2,830                | 2,090                 | 3,830                 |
| South Bennett Creek | 3.87                       | 2,940                | 2,170                 | 3,980                 |
| South Bennett Creek | 6.04                       | 4,150                | 3,070                 | 5,620                 |
| South Bennett Creek | 7.48                       | 4,780                | 3,530                 | 6,460                 |
| South Bennett Creek | 15.92                      | 8,160                | 6,040                 | 11,040                |
| South Bennett Creek | 16.54                      | 8,160                | 6,040                 | 11,040                |
| South Bennett Creek | 16.55                      | 8,270                | 6,120                 | 11,190                |
| South Bennett Creek | 18.48                      | 8,740                | 6,460                 | 11,820                |
| South Bennett Creek | 19.16                      | 8,830                | 6,530                 | 11,940                |
| South Bennett Creek | 19.93                      | 8,890                | 6,570                 | 12,020                |
| South Bennett Creek | 33.38                      | 13,170               | 9,740                 | 17,810                |
| South Bennett Creek | 40.22                      | 14,860               | 10,990                | 20,100                |
| South Bennett Creek | 41.15                      | 14,950               | 11,050                | 20,210                |
| South Bennett Creek | 41.63                      | 14,950               | 11,050                | 20,210                |
| South Bennett Creek | 42.63                      | 14,950               | 11,050                | 20,210                |

| Stream Name         | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|---------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                     |                            | (cfs)                | (cfs)                 | (cfs)                 |
| South Bennett Creek | 42.72                      | 14,950               | 11,050                | 20,210                |
| South Bennett Creek | 46.84                      | 15,430               | 11,410                | 20,870                |
| South Turkey Creek  | 0.93                       | 720                  | 540                   | 980                   |
| South Turkey Creek  | 1.73                       | 1,220                | 900                   | 1,650                 |
| South Turkey Creek  | 2.43                       | 1,650                | 1,220                 | 2,230                 |
| South Turkey Creek  | 3.14                       | 2,050                | 1,520                 | 2,770                 |
| South Turkey Creek  | 3.97                       | 2,480                | 1,840                 | 3,360                 |
| South Turkey Creek  | 4.90                       | 2,990                | 2,210                 | 4,050                 |
| Turkey Creek        | 13.02                      | 6,890                | 5,100                 | 9,320                 |
| Turkey Creek        | 13.66                      | 7,160                | 5,290                 | 9,680                 |
| Turkey Creek        | 14.06                      | 7,230                | 5,350                 | 9,780                 |
| Turkey Creek        | 16.94                      | 8,310                | 6,140                 | 11,230                |
| Turkey Creek        | 17.35                      | 8,380                | 6,200                 | 11,330                |
| UNT_575             | 1.24                       | 1,180                | 870                   | 1,590                 |
| UNT_576             | 0.92                       | 830                  | 620                   | 1,130                 |
| UNT_576             | 1.62                       | 1,360                | 1,010                 | 1,840                 |
| UNT_577             | 0.82                       | 890                  | 660                   | 1,200                 |
| UNT_577             | 1.41                       | 1,310                | 970                   | 1,770                 |
| UNT_577             | 2.83                       | 2,230                | 1,650                 | 3,020                 |
| UNT_578             | 1.66                       | 1,390                | 1,030                 | 1,880                 |
| UNT_579             | 1.04                       | 1,110                | 820                   | 1,500                 |
| UNT_579             | 1.09                       | 1,110                | 820                   | 1,500                 |
| UNT_579             | 1.16                       | 1,150                | 850                   | 1,560                 |
| UNT_580             | 1.09                       | 1,220                | 900                   | 1,650                 |
| UNT_581             | 1.32                       | 1,280                | 950                   | 1,740                 |
| UNT_581             | 1.42                       | 1,370                | 1,010                 | 1,850                 |
| UNT_582             | 0.87                       | 970                  | 720                   | 1,310                 |
| UNT_582             | 1.95                       | 1,900                | 1,400                 | 2,570                 |
| UNT_582             | 2.10                       | 2,000                | 1,480                 | 2,700                 |
| UNT_582             | 3.12                       | 2,570                | 1,900                 | 3,480                 |
| UNT_582             | 3.34                       | 2,700                | 2,000                 | 3,650                 |
| UNT_582             | 3.76                       | 2,930                | 2,170                 | 3,960                 |
| UNT_582             | 4.33                       | 3,220                | 2,380                 | 4,350                 |
| UNT_582             | 5.27                       | 3,630                | 2,690                 | 4,910                 |
| UNT_583             | 1.23                       | 1,140                | 850                   | 1,550                 |
| UNT_584             | 1.21                       | 1,260                | 940                   | 1,710                 |
| UNT_585             | 0.92                       | 1,000                | 740                   | 1,350                 |
| UNT_585             | 1.87                       | 1,760                | 1,300                 | 2,380                 |
| UNT_585             | 2.15                       | 1,930                | 1,430                 | 2,610                 |
| UNT_585             | 2.75                       | 2,240                | 1,660                 | 3,030                 |
| UNT_586             | 1.66                       | 1,540                | 1,140                 | 2,080                 |
| UNT_586             | 1.71                       | 1,600                | 1,180                 | 2,160                 |
| UNT_586             | 2.09                       | 1,820                | 1,350                 | 2,460                 |
| UNT_587             | 1.86                       | 1,560                | 1,150                 | 2,110                 |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_587     | 2.30                       | 1,900                | 1,400                 | 2,570                 |
| UNT_588     | 1.64                       | 1,600                | 1,180                 | 2,170                 |
| UNT_589     | 1.69                       | 1,430                | 1,060                 | 1,940                 |
| UNT_589     | 1.80                       | 1,550                | 1,140                 | 2,090                 |
| UNT_590     | 0.98                       | 890                  | 660                   | 1,210                 |
| UNT_591     | 1.01                       | 1,180                | 870                   | 1,590                 |
| UNT_591     | 1.16                       | 1,270                | 940                   | 1,710                 |
| UNT_592     | 0.48                       | 540                  | 400                   | 740                   |
| UNT_593     | 0.64                       | 680                  | 500                   | 920                   |
| UNT_593     | 1.31                       | 1,250                | 930                   | 1,700                 |
| UNT_593     | 1.39                       | 1,320                | 980                   | 1,790                 |
| UNT_593     | 1.83                       | 1,590                | 1,180                 | 2,150                 |
| UNT_594     | 1.04                       | 830                  | 620                   | 1,130                 |
| UNT_594     | 1.79                       | 1,360                | 1,010                 | 1,840                 |
| UNT_594     | 2.22                       | 1,740                | 1,290                 | 2,360                 |
| UNT_595     | 1.86                       | 1,740                | 1,290                 | 2,350                 |
| UNT_595     | 1.88                       | 1,740                | 1,290                 | 2,350                 |
| UNT_596     | 0.55                       | 610                  | 450                   | 820                   |
| UNT_596     | 1.39                       | 1,480                | 1,100                 | 2,010                 |
| UNT_596     | 3.70                       | 3,060                | 2,260                 | 4,140                 |
| UNT_597     | 1.18                       | 1,400                | 1,040                 | 1,900                 |
| UNT_597     | 1.48                       | 1,670                | 1,240                 | 2,260                 |
| UNT_598     | 1.02                       | 1,330                | 980                   | 1,790                 |
| UNT_598     | 1.66                       | 1,840                | 1,360                 | 2,490                 |
| UNT_599     | 1.07                       | 1,340                | 990                   | 1,810                 |
| UNT_599     | 1.53                       | 1,860                | 1,370                 | 2,510                 |
| UNT_599     | 1.80                       | 2,000                | 1,480                 | 2,710                 |
| UNT_599     | 3.94                       | 3,700                | 2,730                 | 5,000                 |
| UNT_599     | 3.96                       | 3,700                | 2,740                 | 5,000                 |
| UNT_599     | 4.35                       | 3,780                | 2,800                 | 5,120                 |
| UNT_600     | 1.19                       | 1,370                | 1,010                 | 1,850                 |
| UNT_600     | 1.69                       | 1,750                | 1,300                 | 2,370                 |
| UNT_600     | 2.66                       | 2,500                | 1,840                 | 3,370                 |
| UNT_600     | 3.11                       | 2,780                | 2,060                 | 3,760                 |
| UNT_600     | 4.02                       | 3,120                | 2,300                 | 4,210                 |
| UNT_601     | 1.69                       | 1,940                | 1,440                 | 2,630                 |
| UNT_602     | 1.39                       | 1,780                | 1,310                 | 2,400                 |
| UNT_602     | 1.46                       | 1,780                | 1,310                 | 2,400                 |
| UNT_603     | 1.06                       | 1,090                | 810                   | 1,480                 |
| UNT_603     | 1.16                       | 1,160                | 860                   | 1,570                 |
| UNT_604     | 1.04                       | 1,030                | 770                   | 1,400                 |
| UNT_604     | 1.31                       | 1,210                | 890                   | 1,630                 |
| UNT_605     | 1.08                       | 1,220                | 910                   | 1,660                 |
| UNT_605     | 3.38                       | 2,690                | 1,990                 | 3,640                 |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_605     | 3.55                       | 2,760                | 2,040                 | 3,730                 |
| UNT_605     | 4.38                       | 3,280                | 2,420                 | 4,430                 |
| UNT_605     | 4.82                       | 3,520                | 2,600                 | 4,760                 |
| UNT_605     | 5.54                       | 3,810                | 2,820                 | 5,160                 |
| UNT_605     | 5.90                       | 3,930                | 2,900                 | 5,310                 |
| UNT_606     | 0.90                       | 1,250                | 920                   | 1,680                 |
| UNT_606     | 1.39                       | 1,560                | 1,160                 | 2,110                 |
| UNT_606     | 1.44                       | 1,640                | 1,210                 | 2,220                 |
| UNT_607     | 0.92                       | 1,090                | 810                   | 1,480                 |
| UNT_607     | 1.69                       | 1,730                | 1,280                 | 2,330                 |
| UNT_607     | 1.71                       | 1,760                | 1,300                 | 2,370                 |
| UNT_608     | 0.90                       | 910                  | 670                   | 1,230                 |
| UNT_608     | 1.71                       | 1,510                | 1,110                 | 2,040                 |
| UNT_609     | 1.35                       | 1,330                | 980                   | 1,790                 |
| UNT_610     | 0.90                       | 900                  | 660                   | 1,210                 |
| UNT_610     | 1.09                       | 1,040                | 770                   | 1,410                 |
| UNT_611     | 2.90                       | 2,920                | 2,160                 | 3,940                 |
| UNT_611     | 3.01                       | 2,920                | 2,160                 | 3,940                 |
| UNT_611     | 5.45                       | 4,660                | 3,440                 | 6,300                 |
| UNT_611     | 6.43                       | 4,980                | 3,680                 | 6,730                 |
| UNT_612     | 1.42                       | 1,690                | 1,250                 | 2,290                 |
| UNT_613     | 1.09                       | 1,030                | 760                   | 1,390                 |
| UNT_614     | 0.10                       | 190                  | 140                   | 250                   |
| UNT_614     | 0.63                       | 850                  | 630                   | 1,150                 |
| UNT_614     | 1.50                       | 1,440                | 1,070                 | 1,950                 |
| UNT_615     | 1.02                       | 990                  | 740                   | 1,350                 |
| UNT_615     | 1.62                       | 1,390                | 1,020                 | 1,870                 |
| UNT_616     | 1.44                       | 1,270                | 940                   | 1,720                 |
| UNT_616     | 2.46                       | 1,950                | 1,440                 | 2,640                 |
| UNT_617     | 1.30                       | 1,390                | 1,030                 | 1,880                 |
| UNT_617     | 1.93                       | 1,900                | 1,410                 | 2,580                 |
| UNT_617     | 2.92                       | 2,210                | 1,630                 | 2,980                 |
| UNT_617     | 3.58                       | 2,610                | 1,930                 | 3,530                 |
| UNT_617     | 4.35                       | 3,030                | 2,240                 | 4,100                 |
| UNT_617     | 5.17                       | 3,420                | 2,530                 | 4,630                 |
| UNT_618     | 1.03                       | 1,330                | 980                   | 1,800                 |
| UNT_618     | 1.70                       | 1,970                | 1,460                 | 2,660                 |
| UNT_618     | 1.86                       | 2,110                | 1,560                 | 2,860                 |
| UNT_618     | 2.39                       | 2,390                | 1,770                 | 3,240                 |
| UNT_619     | 0.77                       | 1,000                | 740                   | 1,360                 |
| UNT_619     | 1.72                       | 1,860                | 1,380                 | 2,520                 |
| UNT_620     | 1.29                       | 1,380                | 1,020                 | 1,860                 |
| UNT_621     | 1.02                       | 920                  | 680                   | 1,250                 |
| UNT_622     | 0.93                       | 800                  | 590                   | 1,080                 |



| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_622     | 1.32                       | 1,090                | 810                   | 1,480                 |
| UNT_622     | 2.15                       | 1,680                | 1,240                 | 2,270                 |
| UNT_622     | 2.29                       | 1,790                | 1,320                 | 2,410                 |
| UNT_622     | 2.83                       | 2,090                | 1,540                 | 2,820                 |
| UNT_622     | 2.84                       | 2,100                | 1,550                 | 2,840                 |
| UNT_623     | 0.77                       | 810                  | 600                   | 1,090                 |
| UNT_623     | 0.87                       | 870                  | 650                   | 1,180                 |
| UNT_623     | 1.22                       | 1,150                | 850                   | 1,560                 |
| UNT_623     | 2.15                       | 1,900                | 1,400                 | 2,570                 |
| UNT_623     | 2.88                       | 2,350                | 1,740                 | 3,180                 |
| UNT_623     | 2.90                       | 2,360                | 1,740                 | 3,190                 |
| UNT_624     | 1.20                       | 1,200                | 890                   | 1,620                 |
| UNT_624     | 1.45                       | 1,370                | 1,010                 | 1,850                 |
| UNT_624     | 2.34                       | 1,990                | 1,470                 | 2,690                 |
| UNT_624     | 2.54                       | 2,050                | 1,510                 | 2,770                 |
| UNT_624     | 2.68                       | 2,070                | 1,530                 | 2,800                 |
| UNT_624     | 5.44                       | 3,760                | 2,780                 | 5,090                 |
| UNT_624     | 6.16                       | 4,110                | 3,040                 | 5,560                 |
| UNT_624     | 6.76                       | 4,270                | 3,150                 | 5,770                 |
| UNT_624     | 7.03                       | 4,400                | 3,250                 | 5,940                 |
| UNT_624     | 7.05                       | 4,400                | 3,250                 | 5,940                 |
| UNT_624     | 7.81                       | 4,600                | 3,400                 | 6,230                 |
| UNT_625     | 0.73                       | 1,190                | 880                   | 1,600                 |
| UNT_625     | 1.48                       | 2,010                | 1,490                 | 2,720                 |
| UNT_625     | 2.26                       | 2,580                | 1,910                 | 3,480                 |
| UNT_625     | 2.94                       | 3,050                | 2,260                 | 4,130                 |
| UNT_626     | 1.05                       | 1,050                | 780                   | 1,420                 |
| UNT_627     | 159.05                     | 730                  | 540                   | 980                   |
| UNT_627     | 0.67                       | 690                  | 510                   | 930                   |
| UNT_628     | 0.70                       | 890                  | 660                   | 1,200                 |
| UNT_629     | 1.02                       | 1,020                | 760                   | 1,390                 |
| UNT_629     | 1.15                       | 1,140                | 840                   | 1,540                 |
| UNT_630     | 1.42                       | 1,280                | 950                   | 1,730                 |
| UNT_631     | 1.02                       | 940                  | 690                   | 1,270                 |
| UNT_631     | 1.59                       | 1,340                | 990                   | 1,810                 |
| UNT_631     | 2.18                       | 1,650                | 1,220                 | 2,230                 |
| UNT_631     | 2.34                       | 1,770                | 1,310                 | 2,400                 |
| UNT_631     | 2.72                       | 1,910                | 1,410                 | 2,590                 |
| UNT_631     | 2.90                       | 2,060                | 1,520                 | 2,790                 |
| UNT_631     | 5.24                       | 3,270                | 2,420                 | 4,420                 |
| UNT_631     | 5.51                       | 3,340                | 2,470                 | 4,510                 |
| UNT_631     | 5.80                       | 3,400                | 2,510                 | 4,590                 |
| UNT_631     | 5.86                       | 3,400                | 2,520                 | 4,600                 |
| UNT_632     | 1.01                       | 1,020                | 750                   | 1,380                 |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_632     | 1.16                       | 1,090                | 810                   | 1,470                 |
| UNT_632     | 1.26                       | 1,200                | 890                   | 1,630                 |
| UNT_633     | 0.97                       | 980                  | 720                   | 1,320                 |
| UNT_633     | 0.98                       | 980                  | 720                   | 1,320                 |
| UNT_633     | 1.35                       | 1,290                | 950                   | 1,740                 |
| UNT_633     | 1.63                       | 1,450                | 1,070                 | 1,960                 |
| UNT_633     | 3.01                       | 2,560                | 1,890                 | 3,470                 |
| UNT_633     | 9.40                       | 4,930                | 3,640                 | 6,660                 |
| UNT_633     | 10.36                      | 5,300                | 3,920                 | 7,170                 |
| UNT_633     | 10.48                      | 5,320                | 3,930                 | 7,190                 |
| UNT_633     | 11.80                      | 5,820                | 4,300                 | 7,870                 |
| UNT_634     | 0.90                       | 1,040                | 770                   | 1,410                 |
| UNT_634     | 1.12                       | 1,220                | 900                   | 1,640                 |
| UNT_635     | 1.13                       | 1,190                | 880                   | 1,610                 |
| UNT_635     | 1.45                       | 1,370                | 1,010                 | 1,860                 |
| UNT_635     | 1.67                       | 1,560                | 1,150                 | 2,110                 |
| UNT_636     | 0.10                       | 150                  | 110                   | 200                   |
| UNT_636     | 0.97                       | 1,120                | 830                   | 1,510                 |
| UNT_636     | 1.25                       | 1,310                | 970                   | 1,770                 |
| UNT_636     | 1.35                       | 1,370                | 1,010                 | 1,860                 |
| UNT_636     | 2.39                       | 2,210                | 1,640                 | 2,990                 |
| UNT_636     | 3.01                       | 2,430                | 1,800                 | 3,280                 |
| UNT_637     | 1.61                       | 1,640                | 1,210                 | 2,210                 |
| UNT_638     | 1.25                       | 1,360                | 1,010                 | 1,840                 |
| UNT_638     | 1.35                       | 1,470                | 1,080                 | 1,980                 |
| UNT_639     | 0.82                       | 780                  | 580                   | 1,060                 |
| UNT_639     | 1.62                       | 1,360                | 1,000                 | 1,840                 |
| UNT_639     | 2.61                       | 2,010                | 1,480                 | 2,720                 |
| UNT_639     | 2.94                       | 2,190                | 1,620                 | 2,970                 |
| UNT_639     | 3.02                       | 2,220                | 1,640                 | 3,000                 |
| UNT_639     | 4.72                       | 3,130                | 2,310                 | 4,230                 |
| UNT_639     | 5.73                       | 3,670                | 2,710                 | 4,960                 |
| UNT_639     | 6.65                       | 4,010                | 2,960                 | 5,420                 |
| UNT_639     | 7.63                       | 4,440                | 3,280                 | 6,010                 |
| UNT_639     | 7.98                       | 4,560                | 3,370                 | 6,170                 |
| UNT_639     | 9.51                       | 5,200                | 3,840                 | 7,030                 |
| UNT_639     | 9.74                       | 5,240                | 3,870                 | 7,080                 |
| UNT_639     | 10.04                      | 5,320                | 3,940                 | 7,200                 |
| UNT_640     | 1.14                       | 1,300                | 960                   | 1,750                 |
| UNT_641     | 0.47                       | 520                  | 380                   | 700                   |
| UNT_641     | 0.85                       | 860                  | 630                   | 1,160                 |
| UNT_641     | 1.56                       | 1,450                | 1,070                 | 1,960                 |
| UNT_642     | 1.18                       | 1,320                | 980                   | 1,790                 |
| UNT_643     | 1.39                       | 1,730                | 1,280                 | 2,340                 |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_644     | 1.94                       | 1,850                | 1,370                 | 2,510                 |
| UNT_644     | 4.20                       | 3,440                | 2,550                 | 4,660                 |
| UNT_644     | 4.91                       | 3,800                | 2,810                 | 5,130                 |
| UNT_644     | 5.03                       | 3,800                | 2,810                 | 5,130                 |
| UNT_644     | 5.79                       | 4,110                | 3,040                 | 5,550                 |
| UNT_645     | 1.48                       | 1,710                | 1,260                 | 2,310                 |
| UNT_646     | 0.83                       | 750                  | 550                   | 1,010                 |
| UNT_646     | 1.18                       | 1,090                | 800                   | 1,470                 |
| UNT_647     | 0.12                       | 190                  | 140                   | 250                   |
| UNT_647     | 0.51                       | 690                  | 510                   | 930                   |
| UNT_647     | 0.96                       | 1,140                | 840                   | 1,540                 |
| UNT_647     | 1.82                       | 1,800                | 1,330                 | 2,440                 |
| UNT_647     | 2.61                       | 2,510                | 1,860                 | 3,390                 |
| UNT_647     | 2.76                       | 2,560                | 1,890                 | 3,460                 |
| UNT_647     | 3.18                       | 2,700                | 1,990                 | 3,650                 |
| UNT_647     | 3.65                       | 3,030                | 2,240                 | 4,090                 |
| UNT_647     | 5.31                       | 4,070                | 3,010                 | 5,500                 |
| UNT_647     | 5.73                       | 4,170                | 3,080                 | 5,640                 |
| UNT_647     | 7.23                       | 4,860                | 3,600                 | 6,580                 |
| UNT_647     | 8.03                       | 5,260                | 3,890                 | 7,120                 |
| UNT_647     | 8.27                       | 5,310                | 3,930                 | 7,180                 |
| UNT_647     | 8.46                       | 5,310                | 3,930                 | 7,180                 |
| UNT_648     | 1.00                       | 1,030                | 760                   | 1,400                 |
| UNT_648     | 1.05                       | 1,050                | 780                   | 1,420                 |
| UNT_649     | 1.51                       | 1,310                | 970                   | 1,780                 |
| UNT_649     | 1.90                       | 1,640                | 1,210                 | 2,220                 |
| UNT_650     | 0.33                       | 430                  | 320                   | 580                   |
| UNT_650     | 0.99                       | 1,080                | 800                   | 1,460                 |
| UNT_650     | 1.24                       | 1,290                | 950                   | 1,740                 |
| UNT_650     | 1.26                       | 1,290                | 960                   | 1,750                 |
| UNT_650     | 1.75                       | 1,690                | 1,250                 | 2,280                 |
| UNT_650     | 2.77                       | 2,480                | 1,830                 | 3,350                 |
| UNT_650     | 3.37                       | 2,790                | 2,070                 | 3,780                 |
| UNT_650     | 3.38                       | 2,790                | 2,070                 | 3,780                 |
| UNT_651     | 0.39                       | 520                  | 380                   | 700                   |
| UNT_651     | 1.57                       | 1,650                | 1,220                 | 2,230                 |
| UNT_651     | 1.73                       | 1,710                | 1,270                 | 2,320                 |
| UNT_651     | 2.34                       | 2,150                | 1,590                 | 2,910                 |
| UNT_651     | 2.79                       | 2,470                | 1,820                 | 3,330                 |
| UNT_651     | 3.40                       | 2,820                | 2,090                 | 3,810                 |
| UNT_651     | 4.20                       | 3,370                | 2,490                 | 4,550                 |
| UNT_651     | 4.31                       | 3,370                | 2,490                 | 4,550                 |
| UNT_651     | 6.36                       | 4,500                | 3,330                 | 6,090                 |
| UNT_651     | 6.62                       | 4,510                | 3,330                 | 6,090                 |

| Stream Name               | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|---------------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                           |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_652                   | 0.88                       | 690                  | 510                   | 940                   |
| UNT_652                   | 1.81                       | 1,360                | 1,010                 | 1,840                 |
| UNT_652                   | 2.68                       | 1,850                | 1,370                 | 2,510                 |
| UNT_652                   | 3.45                       | 2,210                | 1,630                 | 2,990                 |
| UNT_653                   | 0.76                       | 890                  | 660                   | 1,200                 |
| UNT_653                   | 1.32                       | 1,310                | 970                   | 1,780                 |
| UNT_653                   | 2.94                       | 2,520                | 1,860                 | 3,410                 |
| UNT_653                   | 3.42                       | 2,770                | 2,050                 | 3,750                 |
| UNT_653                   | 4.01                       | 3,060                | 2,270                 | 4,140                 |
| UNT_653                   | 4.74                       | 3,460                | 2,560                 | 4,680                 |
| UNT_653                   | 5.14                       | 3,680                | 2,720                 | 4,980                 |
| UNT_653                   | 5.38                       | 3,750                | 2,770                 | 5,070                 |
| UNT_653                   | 6.26                       | 4,210                | 3,110                 | 5,690                 |
| UNT_653                   | 7.14                       | 4,540                | 3,360                 | 6,140                 |
| UNT_653                   | 14.51                      | 7,910                | 5,850                 | 10,700                |
| UNT_653                   | 14.98                      | 8,010                | 5,920                 | 10,830                |
| UNT_653                   | 15.87                      | 8,270                | 6,120                 | 11,190                |
| UNT_653                   | 16.51                      | 8,310                | 6,140                 | 11,230                |
| UNT_653                   | 17.12                      | 8,360                | 6,180                 | 11,310                |
| UNT_654                   | 0.38                       | 450                  | 330                   | 610                   |
| UNT_654                   | 0.82                       | 910                  | 670                   | 1,230                 |
| UNT_655                   | 0.90                       | 950                  | 700                   | 1,280                 |
| UNT_656                   | 1.11                       | 1,130                | 830                   | 1,520                 |
| UNT_657                   | 0.09                       | 190                  | 140                   | 260                   |
| UNT_657                   | 0.36                       | 610                  | 450                   | 820                   |
| UNT_658                   | 0.15                       | 300                  | 230                   | 410                   |
| UNT_658                   | 0.65                       | 930                  | 690                   | 1,260                 |
| UNT_659                   | 0.14                       | 270                  | 200                   | 360                   |
| UNT_659                   | 0.45                       | 680                  | 500                   | 920                   |
| UNT_659                   | 0.73                       | 940                  | 700                   | 1,270                 |
| UNT_659                   | 0.83                       | 1,030                | 760                   | 1,390                 |
| UNT_660                   | 0.87                       | 780                  | 580                   | 1,050                 |
| UNT_660                   | 1.23                       | 970                  | 720                   | 1,310                 |
| UNT_661                   | 0.10                       | 120                  | 86                    | 160                   |
| UNT_661                   | 0.45                       | 490                  | 360                   | 660                   |
| UNT_661                   | 0.79                       | 780                  | 580                   | 1,060                 |
| UNT_662                   | 0.23                       | 180                  | 130                   | 250                   |
| UNT_662                   | 0.60                       | 490                  | 370                   | 670                   |
| UNT_663                   | 0.12                       | 180                  | 130                   | 240                   |
| UNT_663                   | 0.67                       | 800                  | 590                   | 1,080                 |
| Willow Springs Branch     | 1.10                       | 1,150                | 850                   | 1,550                 |
| Willow Springs Branch     | 1.14                       | 1,220                | 900                   | 1,650                 |
| Sims Creek-Lampasas River |                            |                      |                       |                       |
| Barkley Creek             | 0.84                       | 1,010                | 740                   | 1,360                 |

| Stream Name     | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-----------------|----------------------------|----------------------|-----------------------|-----------------------|
|                 |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Barkley Creek   | 1.20                       | 1,340                | 990                   | 1,820                 |
| Barkley Creek   | 1.60                       | 1,650                | 1,220                 | 2,230                 |
| Barkley Creek   | 3.41                       | 3,060                | 2,270                 | 4,140                 |
| Barkley Creek   | 3.62                       | 3,110                | 2,300                 | 4,200                 |
| Barkley Creek   | 3.92                       | 3,190                | 2,360                 | 4,310                 |
| Barkley Creek   | 7.76                       | 5,370                | 3,970                 | 7,260                 |
| Barkley Creek   | 11.99                      | 7,510                | 5,560                 | 10,160                |
| Barkley Creek   | 12.69                      | 7,630                | 5,640                 | 10,320                |
| Barkley Creek   | 13.23                      | 7,630                | 5,640                 | 10,320                |
| Barkley Creek   | 14.94                      | 8,160                | 6,030                 | 11,030                |
| Barkley Creek   | 19.93                      | 10,160               | 7,510                 | 13,740                |
| Barkley Creek   | 20.05                      | 10,200               | 7,540                 | 13,790                |
| Bear Cove Creek | 0.96                       | 1,220                | 900                   | 1,650                 |
| Bear Cove Creek | 1.79                       | 1,860                | 1,380                 | 2,520                 |
| Bear Cove Creek | 2.47                       | 2,300                | 1,700                 | 3,120                 |
| Bear Cove Creek | 2.49                       | 2,310                | 1,710                 | 3,130                 |
| Bear Cove Creek | 3.36                       | 2,740                | 2,030                 | 3,710                 |
| Bear Cove Creek | 4.32                       | 3,400                | 2,510                 | 4,600                 |
| Bear Cove Creek | 4.44                       | 3,400                | 2,510                 | 4,600                 |
| Bee Cave Creek  | 0.74                       | 940                  | 700                   | 1,270                 |
| Bee Cave Creek  | 1.68                       | 1,820                | 1,350                 | 2,460                 |
| Bee Cave Creek  | 2.71                       | 2,560                | 1,890                 | 3,470                 |
| Bee Cave Creek  | 3.50                       | 3,220                | 2,380                 | 4,360                 |
| Bee Cave Creek  | 4.10                       | 3,570                | 2,640                 | 4,820                 |
| Bee Cave Creek  | 4.76                       | 4,030                | 2,980                 | 5,450                 |
| Bee Cave Creek  | 4.88                       | 4,040                | 2,990                 | 5,470                 |
| Bee Cave Creek  | 6.91                       | 5,210                | 3,850                 | 7,050                 |
| Bee Cave Creek  | 7.68                       | 5,400                | 3,990                 | 7,300                 |
| Bee Cave Creek  | 8.24                       | 5,680                | 4,200                 | 7,690                 |
| Bee Cave Creek  | 8.97                       | 5,840                | 4,320                 | 7,900                 |
| Bee Cave Creek  | 9.26                       | 5,910                | 4,370                 | 7,990                 |
| Bee Cove Creek  | 0.70                       | 890                  | 660                   | 1,200                 |
| Bee Cove Creek  | 1.41                       | 1,590                | 1,170                 | 2,150                 |
| Bee Cove Creek  | 1.99                       | 1,970                | 1,460                 | 2,660                 |
| Bee Cove Creek  | 2.80                       | 2,570                | 1,900                 | 3,480                 |
| Blue Dog Creek  | 0.15                       | 260                  | 190                   | 350                   |
| Blue Dog Creek  | 0.81                       | 990                  | 730                   | 1,340                 |
| Blue Dog Creek  | 0.99                       | 1,140                | 840                   | 1,540                 |
| Blue Dog Creek  | 1.43                       | 1,520                | 1,120                 | 2,050                 |
| Blue Dog Creek  | 2.24                       | 2,150                | 1,590                 | 2,910                 |
| Blue Dog Creek  | 3.23                       | 2,910                | 2,150                 | 3,940                 |
| Blue Dog Creek  | 3.44                       | 3,020                | 2,230                 | 4,090                 |
| Blue Dog Creek  | 4.35                       | 3,520                | 2,600                 | 4,760                 |
| Blue Dog Creek  | 4.95                       | 3,730                | 2,760                 | 5,040                 |

| Stream Name       | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                   |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Indian Creek      | 0.14                       | 200                  | 150                   | 270                   |
| Indian Creek      | 0.60                       | 660                  | 490                   | 890                   |
| Indian Creek      | 1.32                       | 1,230                | 910                   | 1,660                 |
| Indian Creek      | 1.93                       | 1,630                | 1,210                 | 2,200                 |
| Indian Creek      | 2.08                       | 1,740                | 1,280                 | 2,350                 |
| Kinchelo Creek    | 0.92                       | 1,300                | 960                   | 1,750                 |
| Kinchelo Creek    | 1.07                       | 1,450                | 1,070                 | 1,950                 |
| Kinchelo Creek    | 1.38                       | 1,680                | 1,240                 | 2,270                 |
| Kinchelo Creek    | 2.10                       | 2,280                | 1,680                 | 3,080                 |
| Kinchelo Creek    | 4.13                       | 3,850                | 2,840                 | 5,200                 |
| Kinchelo Creek    | 4.27                       | 3,850                | 2,840                 | 5,200                 |
| Kinchelo Creek    | 4.30                       | 3,850                | 2,840                 | 5,200                 |
| Kinchelo Creek    | 5.36                       | 4,460                | 3,290                 | 6,020                 |
| Kinchelo Creek    | 7.32                       | 5,410                | 4,000                 | 7,310                 |
| Kinchelo Creek    | 7.71                       | 5,470                | 4,040                 | 7,390                 |
| Kinchelo Creek    | 7.79                       | 5,470                | 4,040                 | 7,390                 |
| Mill Branch       | 0.97                       | 1,200                | 890                   | 1,630                 |
| Mill Branch       | 1.20                       | 1,370                | 1,010                 | 1,850                 |
| Mill Branch       | 3.90                       | 3,420                | 2,530                 | 4,620                 |
| Mill Branch       | 4.88                       | 4,010                | 2,960                 | 5,420                 |
| Mill Branch       | 5.06                       | 4,030                | 2,980                 | 5,450                 |
| Mill Branch       | 7.44                       | 5,330                | 3,940                 | 7,200                 |
| Mill Branch       | 8.03                       | 5,460                | 4,040                 | 7,390                 |
| Mill Branch       | 10.24                      | 6,380                | 4,720                 | 8,630                 |
| Mill Branch       | 11.05                      | 6,690                | 4,950                 | 9,050                 |
| Mill Branch       | 11.08                      | 6,690                | 4,950                 | 9,050                 |
| Nesbitt Branch    | 0.97                       | 1,200                | 890                   | 1,620                 |
| Nesbitt Branch    | 1.16                       | 1,370                | 1,010                 | 1,850                 |
| Nesbitt Branch    | 1.53                       | 1,540                | 1,140                 | 2,090                 |
| Nesbitt Branch    | 2.27                       | 2,170                | 1,600                 | 2,930                 |
| Nesbitt Branch    | 2.69                       | 2,490                | 1,840                 | 3,370                 |
| Nesbitt Branch    | 3.68                       | 3,030                | 2,240                 | 4,100                 |
| North Simms Creek | 0.38                       | 450                  | 340                   | 610                   |
| North Simms Creek | 1.35                       | 1,210                | 900                   | 1,640                 |
| North Simms Creek | 2.27                       | 1,810                | 1,340                 | 2,450                 |
| North Simms Creek | 2.42                       | 1,910                | 1,410                 | 2,580                 |
| North Simms Creek | 2.48                       | 1,920                | 1,420                 | 2,590                 |
| North Simms Creek | 2.52                       | 1,930                | 1,430                 | 2,610                 |
| North Simms Creek | 3.32                       | 2,460                | 1,820                 | 3,330                 |
| North Simms Creek | 4.00                       | 2,830                | 2,090                 | 3,830                 |
| North Simms Creek | 4.20                       | 2,920                | 2,160                 | 3,950                 |
| North Simms Creek | 5.79                       | 3,780                | 2,800                 | 5,110                 |
| North Simms Creek | 6.21                       | 3,950                | 2,920                 | 5,340                 |
| North Simms Creek | 10.85                      | 6,130                | 4,530                 | 8,290                 |



| Stream Name       | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                   |                            | (cfs)                | (cfs)                 | (cfs)                 |
| North Simms Creek | 13.85                      | 7,370                | 5,450                 | 9,970                 |
| North Simms Creek | 14.37                      | 7,370                | 5,450                 | 9,970                 |
| North Simms Creek | 15.96                      | 7,940                | 5,870                 | 10,740                |
| North Simms Creek | 19.91                      | 9,300                | 6,870                 | 12,570                |
| North Simms Creek | 21.23                      | 9,510                | 7,040                 | 12,870                |
| North Simms Creek | 23.31                      | 10,130               | 7,490                 | 13,700                |
| North Simms Creek | 28.24                      | 11,710               | 8,660                 | 15,840                |
| North Simms Creek | 29.24                      | 11,930               | 8,820                 | 16,130                |
| North Simms Creek | 30.06                      | 11,930               | 8,820                 | 16,130                |
| North Simms Creek | 31.37                      | 12,170               | 9,000                 | 16,460                |
| North Simms Creek | 32.09                      | 12,290               | 9,090                 | 16,620                |
| North Simms Creek | 39.98                      | 14,380               | 10,630                | 19,450                |
| North Simms Creek | 41.27                      | 14,720               | 10,890                | 19,910                |
| North Simms Creek | 44.45                      | 15,390               | 11,380                | 20,820                |
| North Simms Creek | 45.41                      | 15,540               | 11,490                | 21,020                |
| North Simms Creek | 46.09                      | 15,540               | 11,490                | 21,020                |
| North Simms Creek | 46.11                      | 15,540               | 11,490                | 21,020                |
| North Simms Creek | 47.94                      | 15,680               | 11,590                | 21,200                |
| North Simms Creek | 49.52                      | 15,970               | 11,810                | 21,590                |
| North Simms Creek | 54.89                      | 17,160               | 12,690                | 23,200                |
| North Simms Creek | 55.08                      | 17,160               | 12,690                | 23,200                |
| Patterson Creek   | 2.30                       | 2,280                | 1,680                 | 3,080                 |
| Patterson Creek   | 2.59                       | 2,440                | 1,810                 | 3,310                 |
| Patterson Creek   | 3.81                       | 3,220                | 2,380                 | 4,360                 |
| Patterson Creek   | 4.77                       | 3,890                | 2,870                 | 5,250                 |
| Patterson Creek   | 5.77                       | 4,350                | 3,210                 | 5,880                 |
| Patterson Creek   | 6.80                       | 4,930                | 3,650                 | 6,670                 |
| Patterson Creek   | 7.52                       | 5,170                | 3,830                 | 7,000                 |
| Patterson Creek   | 8.35                       | 5,480                | 4,060                 | 7,420                 |
| Patterson Creek   | 10.48                      | 6,360                | 4,700                 | 8,600                 |
| Patterson Creek   | 10.95                      | 6,470                | 4,780                 | 8,750                 |
| Patterson Creek   | 11.92                      | 6,880                | 5,080                 | 9,300                 |
| Patterson Creek   | 12.80                      | 7,180                | 5,310                 | 9,710                 |
| Patterson Creek   | 13.60                      | 7,320                | 5,410                 | 9,900                 |
| Payne Branch      | 0.76                       | 1,180                | 870                   | 1,600                 |
| Payne Branch      | 1.14                       | 1,560                | 1,160                 | 2,110                 |
| Payne Branch      | 2.05                       | 2,340                | 1,730                 | 3,170                 |
| Payne Branch      | 2.18                       | 2,340                | 1,730                 | 3,170                 |
| Payne Branch      | 2.22                       | 2,340                | 1,730                 | 3,170                 |
| Russel Branch     | 1.51                       | 1,420                | 1,050                 | 1,930                 |
| Russel Branch     | 1.67                       | 1,530                | 1,130                 | 2,070                 |
| Russel Branch     | 2.02                       | 1,760                | 1,300                 | 2,380                 |
| Russel Branch     | 3.75                       | 2,980                | 2,200                 | 4,020                 |
| Russel Branch     | 3.86                       | 2,990                | 2,210                 | 4,040                 |

| Stream Name   | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|---------------|----------------------------|----------------------|-----------------------|-----------------------|
|               |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Russel Branch | 4.08                       | 3,100                | 2,300                 | 4,200                 |
| Russel Branch | 6.25                       | 4,300                | 3,180                 | 5,810                 |
| Russel Branch | 7.18                       | 4,750                | 3,510                 | 6,430                 |
| Russel Branch | 7.81                       | 4,920                | 3,640                 | 6,660                 |
| School Creek  | 0.48                       | 740                  | 540                   | 1,000                 |
| School Creek  | 1.48                       | 1,590                | 1,180                 | 2,150                 |
| School Creek  | 2.53                       | 2,480                | 1,830                 | 3,350                 |
| School Creek  | 2.61                       | 2,620                | 1,940                 | 3,540                 |
| School Creek  | 4.12                       | 3,660                | 2,710                 | 4,950                 |
| School Creek  | 5.61                       | 4,670                | 3,450                 | 6,310                 |
| School Creek  | 5.65                       | 4,670                | 3,450                 | 6,310                 |
| School Creek  | 6.45                       | 5,040                | 3,720                 | 6,810                 |
| School Creek  | 8.05                       | 5,880                | 4,340                 | 7,950                 |
| School Creek  | 8.31                       | 5,880                | 4,340                 | 7,950                 |
| School Creek  | 11.45                      | 7,560                | 5,590                 | 10,220                |
| School Creek  | 12.26                      | 7,800                | 5,770                 | 10,550                |
| School Creek  | 12.98                      | 7,940                | 5,870                 | 10,740                |
| School Creek  | 14.32                      | 8,380                | 6,190                 | 11,330                |
| School Creek  | 34.46                      | 15,420               | 11,400                | 20,850                |
| School Creek  | 36.31                      | 15,760               | 11,650                | 21,310                |
| School Creek  | 37.40                      | 16,040               | 11,860                | 21,690                |
| School Creek  | 37.47                      | 16,040               | 11,860                | 21,690                |
| School Creek  | 39.25                      | 16,120               | 11,920                | 21,800                |
| School Creek  | 40.06                      | 16,230               | 12,000                | 21,950                |
| School Creek  | 40.52                      | 16,270               | 12,030                | 22,000                |
| School Creek  | 43.63                      | 16,670               | 12,330                | 22,540                |
| School Creek  | 44.87                      | 16,900               | 12,490                | 22,850                |
| School Creek  | 46.75                      | 17,310               | 12,800                | 23,410                |
| School Creek  | 47.03                      | 17,320               | 12,810                | 23,420                |
| School Creek  | 48.33                      | 17,360               | 12,830                | 23,470                |
| School Creek  | 49.02                      | 17,360               | 12,830                | 23,470                |
| School Creek  | 50.37                      | 17,360               | 12,840                | 23,480                |
| School Creek  | 51.04                      | 17,450               | 12,900                | 23,600                |
| School Creek  | 51.86                      | 17,450               | 12,900                | 23,600                |
| School Creek  | 53.77                      | 17,750               | 13,130                | 24,010                |
| School Creek  | 53.78                      | 17,750               | 13,130                | 24,010                |
| School Creek  | 54.37                      | 17,750               | 13,130                | 24,010                |
| School Creek  | 55.94                      | 18,050               | 13,350                | 24,410                |
| School Creek  | 56.76                      | 18,160               | 13,430                | 24,570                |
| School Creek  | 57.64                      | 18,360               | 13,570                | 24,820                |
| School Creek  | 58.27                      | 18,360               | 13,570                | 24,820                |
| School Creek  | 59.45                      | 18,490               | 13,670                | 25,000                |
| School Creek  | 61.49                      | 18,800               | 13,900                | 25,420                |
| School Creek  | 61.61                      | 18,800               | 13,900                | 25,420                |

| Stream Name  | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|--------------|----------------------------|----------------------|-----------------------|-----------------------|
|              |                            | (cfs)                | (cfs)                 | (cfs)                 |
| School Creek | 62.74                      | 18,810               | 13,910                | 25,440                |
| School Creek | 62.85                      | 19,090               | 14,110                | 25,810                |
| School Creek | 63.17                      | 19,090               | 14,110                | 25,810                |
| School Creek | 63.43                      | 19,260               | 14,240                | 26,040                |
| Simms Creek  | 0.87                       | 1,040                | 770                   | 1,410                 |
| Simms Creek  | 0.93                       | 1,100                | 810                   | 1,490                 |
| Simms Creek  | 1.32                       | 1,490                | 1,110                 | 2,020                 |
| Simms Creek  | 2.32                       | 2,370                | 1,750                 | 3,210                 |
| Simms Creek  | 3.00                       | 2,790                | 2,060                 | 3,770                 |
| Simms Creek  | 3.76                       | 3,320                | 2,450                 | 4,490                 |
| Simms Creek  | 4.61                       | 3,850                | 2,850                 | 5,200                 |
| Simms Creek  | 4.70                       | 3,850                | 2,850                 | 5,200                 |
| Simms Creek  | 5.62                       | 4,290                | 3,180                 | 5,810                 |
| Simms Creek  | 5.70                       | 4,300                | 3,180                 | 5,820                 |
| Simms Creek  | 6.53                       | 4,810                | 3,550                 | 6,500                 |
| Simms Creek  | 10.47                      | 6,700                | 4,950                 | 9,060                 |
| Simms Creek  | 11.26                      | 6,870                | 5,080                 | 9,280                 |
| Simms Creek  | 16.73                      | 9,300                | 6,880                 | 12,570                |
| Simms Creek  | 18.61                      | 10,020               | 7,410                 | 13,560                |
| Simms Creek  | 19.33                      | 10,170               | 7,520                 | 13,760                |
| Simms Creek  | 21.01                      | 10,700               | 7,910                 | 14,470                |
| Simms Creek  | 22.95                      | 11,250               | 8,320                 | 15,210                |
| Simms Creek  | 26.76                      | 12,490               | 9,240                 | 16,890                |
| Simms Creek  | 27.80                      | 12,770               | 9,440                 | 17,270                |
| Simms Creek  | 28.41                      | 12,850               | 9,500                 | 17,370                |
| Simms Creek  | 29.13                      | 12,850               | 9,500                 | 17,370                |
| Simms Creek  | 30.96                      | 13,070               | 9,660                 | 17,670                |
| Simms Creek  | 86.28                      | 24,000               | 17,750                | 32,460                |
| Simms Creek  | 87.20                      | 24,110               | 17,830                | 32,610                |
| Simms Creek  | 88.23                      | 24,110               | 17,830                | 32,610                |
| Simms Creek  | 90.24                      | 24,340               | 18,000                | 32,920                |
| Simms Creek  | 90.28                      | 24,340               | 18,000                | 32,920                |
| Simms Creek  | 99.94                      | 25,910               | 19,160                | 35,050                |
| Simms Creek  | 100.63                     | 26,010               | 19,240                | 35,180                |
| Simms Creek  | 103.91                     | 26,510               | 19,610                | 35,860                |
| Simms Creek  | 105.21                     | 26,510               | 19,610                | 35,860                |
| Simms Creek  | 106.07                     | 26,510               | 19,610                | 35,860                |
| Simms Creek  | 107.75                     | 26,570               | 19,650                | 35,930                |
| Simms Creek  | 116.57                     | 27,970               | 20,680                | 37,820                |
| Simms Creek  | 116.86                     | 27,970               | 20,680                | 37,820                |
| Simms Creek  | 120.34                     | 28,180               | 20,830                | 38,100                |
| Simms Creek  | 123.69                     | 28,680               | 21,210                | 38,790                |
| Simms Creek  | 128.55                     | 29,070               | 21,490                | 39,310                |
| Simms Creek  | 128.99                     | 29,100               | 21,520                | 39,360                |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Simms Creek | 129.19                     | 29,100               | 21,520                | 39,360                |
| Simms Creek | 131.60                     | 29,300               | 21,660                | 39,620                |
| Simms Creek | 131.76                     | 29,300               | 21,660                | 39,620                |
| Simms Creek | 145.99                     | 31,380               | 23,200                | 42,430                |
| Simms Creek | 146.71                     | 31,380               | 23,200                | 42,430                |
| Simms Creek | 147.47                     | 31,380               | 23,200                | 42,430                |
| UNT_504     | 1.58                       | 1,560                | 1,150                 | 2,110                 |
| UNT_504     | 1.66                       | 1,590                | 1,180                 | 2,150                 |
| UNT_505     | 0.85                       | 1,030                | 760                   | 1,400                 |
| UNT_505     | 1.08                       | 1,170                | 870                   | 1,590                 |
| UNT_506     | 1.48                       | 1,850                | 1,370                 | 2,510                 |
| UNT_506     | 1.69                       | 1,930                | 1,420                 | 2,610                 |
| UNT_507     | 1.50                       | 1,490                | 1,100                 | 2,020                 |
| UNT_507     | 1.57                       | 1,550                | 1,140                 | 2,090                 |
| UNT_508     | 0.98                       | 950                  | 710                   | 1,290                 |
| UNT_508     | 1.16                       | 1,100                | 810                   | 1,490                 |
| UNT_508     | 1.79                       | 1,510                | 1,110                 | 2,040                 |
| UNT_508     | 2.13                       | 1,680                | 1,240                 | 2,270                 |
| UNT_508     | 3.27                       | 2,430                | 1,790                 | 3,280                 |
| UNT_508     | 3.91                       | 2,830                | 2,090                 | 3,820                 |
| UNT_508     | 4.06                       | 2,860                | 2,120                 | 3,870                 |
| UNT_509     | 0.99                       | 1,240                | 920                   | 1,670                 |
| UNT_509     | 1.37                       | 1,570                | 1,160                 | 2,120                 |
| UNT_510     | 0.79                       | 1,020                | 750                   | 1,370                 |
| UNT_510     | 1.42                       | 1,560                | 1,160                 | 2,110                 |
| UNT_510     | 2.03                       | 1,960                | 1,450                 | 2,650                 |
| UNT_511     | 1.09                       | 1,310                | 970                   | 1,780                 |
| UNT_512     | 1.51                       | 1,740                | 1,280                 | 2,350                 |
| UNT_512     | 1.53                       | 1,740                | 1,280                 | 2,350                 |
| UNT_512     | 1.72                       | 1,800                | 1,330                 | 2,440                 |
| UNT_513     | 0.90                       | 1,130                | 830                   | 1,520                 |
| UNT_513     | 1.17                       | 1,400                | 1,040                 | 1,900                 |
| UNT_514     | 0.93                       | 1,450                | 1,080                 | 1,970                 |
| UNT_514     | 1.73                       | 1,980                | 1,460                 | 2,670                 |
| UNT_514     | 2.04                       | 2,130                | 1,580                 | 2,880                 |
| UNT_514     | 2.23                       | 2,160                | 1,600                 | 2,920                 |
| UNT_515     | 1.07                       | 930                  | 680                   | 1,250                 |
| UNT_516     | 1.43                       | 1,360                | 1,010                 | 1,840                 |
| UNT_516     | 1.59                       | 1,440                | 1,060                 | 1,940                 |
| UNT_516     | 1.71                       | 1,520                | 1,120                 | 2,060                 |
| UNT_517     | 0.80                       | 1,160                | 850                   | 1,560                 |
| UNT_517     | 2.54                       | 2,110                | 1,560                 | 2,850                 |
| UNT_517     | 3.87                       | 2,850                | 2,110                 | 3,860                 |
| UNT_517     | 4.79                       | 3,330                | 2,460                 | 4,500                 |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_517     | 5.15                       | 3,440                | 2,540                 | 4,650                 |
| UNT_518     | 0.53                       | 670                  | 500                   | 910                   |
| UNT_518     | 0.62                       | 760                  | 560                   | 1,030                 |
| UNT_519     | 1.26                       | 1,280                | 950                   | 1,730                 |
| UNT_520     | 0.71                       | 700                  | 520                   | 950                   |
| UNT_520     | 1.26                       | 1,140                | 850                   | 1,550                 |
| UNT_521     | 0.80                       | 920                  | 680                   | 1,240                 |
| UNT_521     | 1.16                       | 1,250                | 920                   | 1,690                 |
| UNT_521     | 1.79                       | 1,720                | 1,270                 | 2,320                 |
| UNT_522     | 0.56                       | 840                  | 620                   | 1,130                 |
| UNT_522     | 1.34                       | 1,650                | 1,220                 | 2,230                 |
| UNT_522     | 1.57                       | 1,810                | 1,340                 | 2,450                 |
| UNT_522     | 1.93                       | 2,090                | 1,550                 | 2,830                 |
| UNT_523     | 0.92                       | 1,140                | 840                   | 1,540                 |
| UNT_523     | 1.91                       | 2,030                | 1,500                 | 2,740                 |
| UNT_523     | 2.81                       | 2,630                | 1,940                 | 3,550                 |
| UNT_523     | 3.67                       | 3,100                | 2,290                 | 4,190                 |
| UNT_524     | 0.21                       | 310                  | 230                   | 420                   |
| UNT_524     | 1.04                       | 1,120                | 830                   | 1,520                 |
| UNT_524     | 1.82                       | 1,670                | 1,240                 | 2,260                 |
| UNT_524     | 2.84                       | 2,350                | 1,740                 | 3,180                 |
| UNT_524     | 2.93                       | 2,360                | 1,750                 | 3,190                 |
| UNT_525     | 1.45                       | 1,470                | 1,090                 | 1,990                 |
| UNT_526     | 0.90                       | 760                  | 560                   | 1,020                 |
| UNT_526     | 1.69                       | 1,270                | 940                   | 1,720                 |
| UNT_526     | 1.77                       | 1,380                | 1,020                 | 1,860                 |
| UNT_527     | 1.41                       | 1,460                | 1,080                 | 1,970                 |
| UNT_528     | 1.13                       | 1,260                | 930                   | 1,710                 |
| UNT_529     | 1.21                       | 1,290                | 960                   | 1,750                 |
| UNT_529     | 1.77                       | 1,740                | 1,280                 | 2,350                 |
| UNT_529     | 1.87                       | 1,770                | 1,310                 | 2,400                 |
| UNT_529     | 3.08                       | 2,660                | 1,970                 | 3,600                 |
| UNT_530     | 0.75                       | 830                  | 610                   | 1,120                 |
| UNT_530     | 1.02                       | 1,080                | 800                   | 1,450                 |
| UNT_530     | 1.23                       | 1,150                | 850                   | 1,560                 |
| UNT_530     | 1.46                       | 1,350                | 1,000                 | 1,820                 |
| UNT_530     | 2.03                       | 1,700                | 1,260                 | 2,300                 |
| UNT_530     | 2.74                       | 2,090                | 1,540                 | 2,820                 |
| UNT_531     | 0.86                       | 880                  | 650                   | 1,200                 |
| UNT_531     | 1.02                       | 1,000                | 740                   | 1,350                 |
| UNT_532     | 1.30                       | 1,360                | 1,010                 | 1,850                 |
| UNT_533     | 0.99                       | 1,410                | 1,040                 | 1,900                 |
| UNT_533     | 1.12                       | 1,500                | 1,110                 | 2,030                 |
| UNT_534     | 0.77                       | 960                  | 710                   | 1,300                 |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_534     | 1.34                       | 1,660                | 1,230                 | 2,250                 |
| UNT_534     | 1.71                       | 1,970                | 1,450                 | 2,660                 |
| UNT_534     | 2.04                       | 2,210                | 1,630                 | 2,980                 |
| UNT_534     | 2.58                       | 2,530                | 1,870                 | 3,430                 |
| UNT_534     | 4.95                       | 4,290                | 3,170                 | 5,800                 |
| UNT_534     | 5.17                       | 4,290                | 3,170                 | 5,800                 |
| UNT_535     | 1.02                       | 1,310                | 970                   | 1,770                 |
| UNT_535     | 1.07                       | 1,340                | 990                   | 1,810                 |
| UNT_536     | 0.94                       | 1,350                | 990                   | 1,820                 |
| UNT_536     | 1.42                       | 1,750                | 1,290                 | 2,360                 |
| UNT_536     | 1.64                       | 1,860                | 1,380                 | 2,520                 |
| UNT_537     | 0.95                       | 1,270                | 940                   | 1,710                 |
| UNT_537     | 1.46                       | 1,730                | 1,280                 | 2,340                 |
| UNT_538     | 1.74                       | 1,610                | 1,190                 | 2,170                 |
| UNT_538     | 2.47                       | 1,970                | 1,460                 | 2,670                 |
| UNT_538     | 2.81                       | 2,150                | 1,590                 | 2,900                 |
| UNT_538     | 3.72                       | 2,600                | 1,920                 | 3,520                 |
| UNT_539     | 1.87                       | 1,880                | 1,390                 | 2,550                 |
| UNT_539     | 2.76                       | 2,450                | 1,810                 | 3,320                 |
| UNT_539     | 3.43                       | 2,740                | 2,030                 | 3,710                 |
| UNT_540     | 0.94                       | 1,120                | 830                   | 1,520                 |
| UNT_540     | 1.80                       | 1,890                | 1,400                 | 2,560                 |
| UNT_540     | 1.92                       | 1,950                | 1,440                 | 2,640                 |
| UNT_540     | 2.13                       | 2,090                | 1,540                 | 2,820                 |
| UNT_541     | 0.90                       | 1,210                | 890                   | 1,630                 |
| UNT_541     | 1.55                       | 1,750                | 1,290                 | 2,360                 |
| UNT_541     | 2.36                       | 2,360                | 1,750                 | 3,190                 |
| UNT_541     | 2.40                       | 2,360                | 1,750                 | 3,190                 |
| UNT_542     | 0.83                       | 1,170                | 860                   | 1,580                 |
| UNT_542     | 1.52                       | 1,700                | 1,260                 | 2,310                 |
| UNT_542     | 1.89                       | 1,960                | 1,450                 | 2,650                 |
| UNT_542     | 2.06                       | 2,060                | 1,530                 | 2,790                 |
| UNT_543     | 1.73                       | 1,910                | 1,410                 | 2,580                 |
| UNT_544     | 1.27                       | 1,130                | 840                   | 1,530                 |
| UNT_544     | 1.27                       | 1,150                | 850                   | 1,560                 |
| UNT_545     | 1.19                       | 1,330                | 980                   | 1,790                 |
| UNT_545     | 1.69                       | 1,710                | 1,270                 | 2,310                 |
| UNT_546     | 243.22                     | 6,740                | 4,980                 | 9,110                 |
| UNT_546     | 0.96                       | 1,340                | 990                   | 1,810                 |
| UNT_546     | 1.99                       | 2,160                | 1,600                 | 2,920                 |
| UNT_546     | 2.62                       | 2,580                | 1,910                 | 3,480                 |
| UNT_546     | 3.56                       | 3,320                | 2,450                 | 4,490                 |
| UNT_546     | 4.29                       | 3,830                | 2,830                 | 5,180                 |
| UNT_546     | 5.11                       | 4,120                | 3,050                 | 5,570                 |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_546     | 5.12                       | 4,120                | 3,050                 | 5,570                 |
| UNT_546     | 8.07                       | 5,710                | 4,220                 | 7,730                 |
| UNT_546     | 8.11                       | 5,710                | 4,220                 | 7,730                 |
| UNT_547     | 0.97                       | 1,050                | 770                   | 1,410                 |
| UNT_547     | 1.07                       | 1,100                | 810                   | 1,490                 |
| UNT_548     | 0.76                       | 890                  | 660                   | 1,200                 |
| UNT_548     | 0.82                       | 930                  | 690                   | 1,260                 |
| UNT_548     | 1.06                       | 1,140                | 840                   | 1,540                 |
| UNT_549     | 0.67                       | 860                  | 640                   | 1,170                 |
| UNT_549     | 1.15                       | 1,330                | 980                   | 1,800                 |
| UNT_549     | 1.93                       | 2,050                | 1,510                 | 2,770                 |
| UNT_549     | 2.63                       | 2,540                | 1,880                 | 3,430                 |
| UNT_549     | 3.45                       | 2,980                | 2,210                 | 4,030                 |
| UNT_550     | 1.19                       | 1,190                | 880                   | 1,610                 |
| UNT_550     | 1.25                       | 1,230                | 910                   | 1,660                 |
| UNT_550     | 2.39                       | 2,190                | 1,620                 | 2,960                 |
| UNT_550     | 3.33                       | 2,860                | 2,110                 | 3,870                 |
| UNT_551     | 1.48                       | 1,710                | 1,270                 | 2,320                 |
| UNT_552     | 1.49                       | 1,220                | 910                   | 1,660                 |
| UNT_552     | 1.63                       | 1,290                | 960                   | 1,750                 |
| UNT_552     | 1.79                       | 1,500                | 1,110                 | 2,020                 |
| UNT_553     | 0.92                       | 880                  | 650                   | 1,190                 |
| UNT_553     | 1.73                       | 1,460                | 1,080                 | 1,970                 |
| UNT_553     | 1.92                       | 1,590                | 1,180                 | 2,160                 |
| UNT_553     | 2.25                       | 1,780                | 1,320                 | 2,410                 |
| UNT_554     | 1.05                       | 1,040                | 770                   | 1,410                 |
| UNT_555     | 1.02                       | 1,040                | 770                   | 1,400                 |
| UNT_555     | 1.05                       | 1,080                | 800                   | 1,470                 |
| UNT_556     | 1.32                       | 1,440                | 1,070                 | 1,950                 |
| UNT_557     | 1.01                       | 1,450                | 1,070                 | 1,950                 |
| UNT_557     | 1.16                       | 1,530                | 1,130                 | 2,070                 |
| UNT_558     | 1.59                       | 1,500                | 1,110                 | 2,030                 |
| UNT_559     | 1.33                       | 1,490                | 1,100                 | 2,020                 |
| UNT_559     | 1.92                       | 1,910                | 1,420                 | 2,590                 |
| UNT_559     | 2.52                       | 2,280                | 1,690                 | 3,080                 |
| UNT_559     | 2.91                       | 2,560                | 1,890                 | 3,460                 |
| UNT_560     | 1.05                       | 1,170                | 870                   | 1,590                 |
| UNT_561     | 0.62                       | 780                  | 570                   | 1,050                 |
| UNT_561     | 1.18                       | 1,330                | 980                   | 1,800                 |
| UNT_562     | 1.05                       | 1,220                | 900                   | 1,650                 |
| UNT_562     | 1.40                       | 1,500                | 1,110                 | 2,030                 |
| UNT_563     | 0.36                       | 460                  | 340                   | 620                   |
| UNT_563     | 0.38                       | 470                  | 350                   | 640                   |
| UNT_564     | 1.17                       | 1,310                | 970                   | 1,770                 |



| Stream Name               | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|---------------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                           |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_565                   | 0.85                       | 1,120                | 830                   | 1,510                 |
| UNT_565                   | 0.99                       | 1,180                | 870                   | 1,590                 |
| UNT_566                   | 0.33                       | 450                  | 330                   | 610                   |
| UNT_567                   | 0.10                       | 190                  | 140                   | 250                   |
| UNT_567                   | 0.44                       | 550                  | 400                   | 740                   |
| UNT_568                   | 0.69                       | 760                  | 560                   | 1,030                 |
| UNT_568                   | 0.90                       | 910                  | 670                   | 1,220                 |
| UNT_569                   | 0.68                       | 660                  | 490                   | 890                   |
| UNT_570                   | 0.16                       | 220                  | 160                   | 300                   |
| UNT_570                   | 0.19                       | 250                  | 190                   | 340                   |
| UNT_571                   | 0.69                       | 710                  | 530                   | 960                   |
| UNT_572                   | 0.61                       | 600                  | 440                   | 810                   |
| UNT_572                   | 0.88                       | 790                  | 590                   | 1,070                 |
| UNT_573                   | 0.82                       | 1,020                | 760                   | 1,380                 |
| UNT_574                   | 0.52                       | 610                  | 450                   | 830                   |
| UNT_664                   | 0.10                       | 100                  | 77                    | 140                   |
| UNT_664                   | 0.96                       | 830                  | 610                   | 1,120                 |
| UNT_665                   | 0.17                       | 230                  | 170                   | 310                   |
| UNT_665                   | 0.97                       | 950                  | 700                   | 1,280                 |
| UNT_666                   | 0.05                       | 63                   | 47                    | 85                    |
| UNT_666                   | 0.98                       | 980                  | 730                   | 1,330                 |
| UNT_667                   | 0.20                       | 300                  | 230                   | 410                   |
| UNT_667                   | 0.20                       | 310                  | 230                   | 420                   |
| Lucy Creek-Lampasas River |                            |                      |                       |                       |
| Bear Branch               | 1.45                       | 1,710                | 1,260                 | 2,310                 |
| Bear Branch               | 2.73                       | 2,900                | 2,140                 | 3,920                 |
| Bear Branch               | 3.72                       | 3,750                | 2,770                 | 5,070                 |
| Bear Branch               | 4.65                       | 4,340                | 3,210                 | 5,870                 |
| Bear Branch               | 5.05                       | 4,570                | 3,380                 | 6,180                 |
| Bear Branch               | 5.46                       | 4,690                | 3,470                 | 6,350                 |
| Binnion Creek             | 0.73                       | 1,190                | 880                   | 1,610                 |
| Binnion Creek             | 0.98                       | 1,510                | 1,120                 | 2,050                 |
| Binnion Creek             | 0.99                       | 1,510                | 1,120                 | 2,050                 |
| Binnion Creek             | 1.25                       | 1,680                | 1,240                 | 2,280                 |
| Binnion Creek             | 2.43                       | 2,750                | 2,030                 | 3,720                 |
| Binnion Creek             | 2.52                       | 2,750                | 2,030                 | 3,720                 |
| Binnion Creek             | 3.60                       | 3,660                | 2,710                 | 4,960                 |
| Binnion Creek             | 3.63                       | 3,660                | 2,710                 | 4,960                 |
| Binnion Creek             | 4.99                       | 4,700                | 3,470                 | 6,350                 |
| Binnion Creek             | 5.26                       | 4,770                | 3,520                 | 6,450                 |
| Binnion Creek             | 6.12                       | 5,340                | 3,950                 | 7,230                 |
| Binnion Creek             | 6.47                       | 5,450                | 4,030                 | 7,370                 |
| Binnion Creek             | 7.39                       | 5,980                | 4,420                 | 8,090                 |
| Binnion Creek             | 7.65                       | 6,150                | 4,550                 | 8,320                 |

| Stream Name     | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-----------------|----------------------------|----------------------|-----------------------|-----------------------|
|                 |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Binnion Creek   | 8.50                       | 6,610                | 4,890                 | 8,930                 |
| Binnion Creek   | 8.78                       | 6,690                | 4,940                 | 9,040                 |
| Binnion Creek   | 9.28                       | 6,880                | 5,090                 | 9,300                 |
| Binnion Creek   | 10.59                      | 7,420                | 5,490                 | 10,040                |
| Binnion Creek   | 10.69                      | 7,430                | 5,500                 | 10,050                |
| Binnion Creek   | 11.54                      | 7,690                | 5,680                 | 10,400                |
| Binnion Creek   | 24.21                      | 13,880               | 10,260                | 18,770                |
| Burleson Branch | 0.21                       | 320                  | 240                   | 430                   |
| Burleson Branch | 0.62                       | 820                  | 600                   | 1,100                 |
| Burleson Branch | 1.57                       | 1,610                | 1,190                 | 2,180                 |
| Burleson Branch | 2.27                       | 2,140                | 1,580                 | 2,900                 |
| Burleson Branch | 3.03                       | 2,700                | 2,000                 | 3,650                 |
| Burleson Branch | 3.34                       | 2,830                | 2,090                 | 3,820                 |
| Burleson Branch | 3.37                       | 2,870                | 2,120                 | 3,880                 |
| Cemetery Creek  | 0.32                       | 360                  | 270                   | 490                   |
| Cemetery Creek  | 0.47                       | 510                  | 380                   | 690                   |
| Cemetery Creek  | 0.74                       | 750                  | 550                   | 1,010                 |
| Cemetery Creek  | 0.76                       | 760                  | 560                   | 1,020                 |
| Cemetery Creek  | 0.81                       | 780                  | 580                   | 1,060                 |
| Cemetery Creek  | 1.27                       | 1,150                | 850                   | 1,560                 |
| Cemetery Creek  | 1.31                       | 1,160                | 860                   | 1,570                 |
| Denson Branch   | 0.19                       | 320                  | 230                   | 430                   |
| Denson Branch   | 0.48                       | 620                  | 460                   | 840                   |
| Denson Branch   | 1.22                       | 1,350                | 1,000                 | 1,820                 |
| Denson Branch   | 1.43                       | 1,470                | 1,080                 | 1,980                 |
| Denson Branch   | 1.53                       | 1,540                | 1,140                 | 2,080                 |
| Denson Branch   | 1.84                       | 1,740                | 1,290                 | 2,360                 |
| Donalson Creek  | 0.81                       | 1,060                | 790                   | 1,440                 |
| Donalson Creek  | 1.71                       | 2,010                | 1,490                 | 2,720                 |
| Donalson Creek  | 2.16                       | 2,270                | 1,680                 | 3,080                 |
| Donalson Creek  | 3.06                       | 3,000                | 2,210                 | 4,050                 |
| Donalson Creek  | 3.54                       | 3,380                | 2,500                 | 4,570                 |
| Donalson Creek  | 4.37                       | 3,920                | 2,900                 | 5,300                 |
| Donalson Creek  | 4.92                       | 4,050                | 2,990                 | 5,470                 |
| Donalson Creek  | 6.25                       | 4,890                | 3,610                 | 6,610                 |
| Donalson Creek  | 7.11                       | 5,340                | 3,950                 | 7,220                 |
| Donalson Creek  | 8.43                       | 6,030                | 4,460                 | 8,150                 |
| Donalson Creek  | 8.68                       | 6,060                | 4,480                 | 8,200                 |
| Donalson Creek  | 9.30                       | 6,370                | 4,710                 | 8,610                 |
| Donalson Creek  | 11.12                      | 7,180                | 5,310                 | 9,710                 |
| Donalson Creek  | 12.00                      | 7,600                | 5,620                 | 10,270                |
| Donalson Creek  | 12.14                      | 7,600                | 5,620                 | 10,270                |
| Donalson Creek  | 13.15                      | 7,810                | 5,780                 | 10,570                |
| Donalson Creek  | 19.74                      | 10,770               | 7,960                 | 14,560                |

| Stream Name             | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                         |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Donalson Creek          | 20.50                      | 11,050               | 8,170                 | 14,940                |
| Donalson Creek          | 21.21                      | 11,050               | 8,170                 | 14,950                |
| Donalson Creek          | 21.93                      | 11,120               | 8,230                 | 15,040                |
| Donalson Creek          | 22.48                      | 11,240               | 8,310                 | 15,200                |
| Donalson Creek          | 31.80                      | 14,460               | 10,690                | 19,560                |
| Donalson Creek          | 32.81                      | 14,780               | 10,930                | 19,990                |
| Donalson Creek          | 32.97                      | 14,780               | 10,930                | 19,990                |
| Donalson Creek          | 33.41                      | 14,780               | 10,930                | 19,990                |
| Donalson Creek          | 35.96                      | 15,210               | 11,240                | 20,570                |
| Donalson Creek          | 47.20                      | 18,290               | 13,520                | 24,730                |
| Donalson Creek          | 48.44                      | 18,570               | 13,730                | 25,110                |
| Donalson Creek          | 48.68                      | 18,570               | 13,730                | 25,110                |
| East Fork Sulphur Creek | 0.43                       | 470                  | 350                   | 640                   |
| East Fork Sulphur Creek | 0.69                       | 710                  | 520                   | 960                   |
| East Fork Sulphur Creek | 1.22                       | 1,180                | 870                   | 1,590                 |
| East Fork Sulphur Creek | 1.38                       | 1,310                | 970                   | 1,770                 |
| East Fork Sulphur Creek | 1.40                       | 1,330                | 980                   | 1,800                 |
| East Fork Sulphur Creek | 1.58                       | 1,470                | 1,080                 | 1,980                 |
| East Fork Sulphur Creek | 2.04                       | 1,750                | 1,300                 | 2,370                 |
| East Fork Sulphur Creek | 2.13                       | 1,790                | 1,330                 | 2,430                 |
| East Fork Sulphur Creek | 19.06                      | 9,460                | 6,990                 | 12,790                |
| East Fork Sulphur Creek | 19.51                      | 9,620                | 7,110                 | 13,010                |
| Espy Branch             | 0.92                       | 910                  | 680                   | 1,240                 |
| Espy Branch             | 1.44                       | 1,220                | 900                   | 1,650                 |
| Espy Branch             | 2.72                       | 2,120                | 1,570                 | 2,860                 |
| Espy Branch             | 6.78                       | 4,520                | 3,340                 | 6,110                 |
| Espy Branch             | 7.41                       | 4,760                | 3,520                 | 6,440                 |
| Espy Branch             | 8.07                       | 5,040                | 3,730                 | 6,810                 |
| Espy Branch             | 8.79                       | 5,410                | 4,000                 | 7,310                 |
| Espy Branch             | 10.65                      | 5,810                | 4,290                 | 7,850                 |
| Espy Branch             | 10.68                      | 6,270                | 4,640                 | 8,480                 |
| Espy Branch             | 11.00                      | 6,420                | 4,740                 | 8,680                 |
| Fall Creek              | 0.57                       | 890                  | 650                   | 1,200                 |
| Fall Creek              | 0.90                       | 1,170                | 860                   | 1,580                 |
| Fall Creek              | 1.58                       | 1,720                | 1,270                 | 2,330                 |
| Fall Creek              | 3.56                       | 3,220                | 2,380                 | 4,350                 |
| Fall Creek              | 4.01                       | 3,430                | 2,530                 | 4,630                 |
| Fall Creek              | 4.04                       | 3,430                | 2,530                 | 4,630                 |
| Fall Creek              | 6.65                       | 5,090                | 3,760                 | 6,880                 |
| Fall Creek              | 6.96                       | 5,110                | 3,780                 | 6,910                 |
| Fall Creek              | 7.08                       | 5,220                | 3,860                 | 7,060                 |
| Fall Creek              | 10.28                      | 6,960                | 5,150                 | 9,410                 |
| Fall Creek              | 10.98                      | 7,290                | 5,390                 | 9,860                 |
| Fall Creek              | 11.33                      | 7,330                | 5,420                 | 9,920                 |

| Stream Name       | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                   |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Fall Creek        | 13.76                      | 8,390                | 6,200                 | 11,340                |
| Fall Creek        | 14.44                      | 8,740                | 6,460                 | 11,820                |
| Fall Creek        | 14.76                      | 8,740                | 6,460                 | 11,820                |
| Fall Creek        | 13.28                      | 8,340                | 6,170                 | 11,280                |
| Gibson Branch     | 0.10                       | 130                  | 96                    | 180                   |
| Gibson Branch     | 0.77                       | 810                  | 600                   | 1,100                 |
| Gibson Branch     | 1.17                       | 1,120                | 830                   | 1,520                 |
| Gibson Branch     | 1.25                       | 1,160                | 860                   | 1,570                 |
| Gibson Branch     | 3.42                       | 2,830                | 2,090                 | 3,830                 |
| Gibson Branch     | 3.55                       | 2,890                | 2,140                 | 3,910                 |
| Gibson Branch     | 3.80                       | 3,010                | 2,220                 | 4,070                 |
| Gibson Branch     | 3.86                       | 3,040                | 2,250                 | 4,110                 |
| Gibson Branch     | 3.98                       | 3,040                | 2,250                 | 4,110                 |
| Gibson Branch     | 4.10                       | 3,040                | 2,250                 | 4,110                 |
| Gooch Branch      | 0.03                       | 48                   | 35                    | 64                    |
| Gooch Branch      | 0.45                       | 540                  | 400                   | 740                   |
| Gooch Branch      | 0.49                       | 570                  | 420                   | 770                   |
| Gooch Branch      | 0.79                       | 830                  | 610                   | 1,120                 |
| Gooch Branch      | 1.07                       | 1,000                | 740                   | 1,350                 |
| Gooch Branch      | 1.19                       | 1,080                | 800                   | 1,460                 |
| Gooch Branch      | 1.28                       | 1,120                | 830                   | 1,510                 |
| Hughes Creek      | 0.99                       | 1,230                | 910                   | 1,660                 |
| Hughes Creek      | 1.93                       | 2,220                | 1,640                 | 3,010                 |
| Hughes Creek      | 2.14                       | 2,310                | 1,710                 | 3,130                 |
| Hughes Creek      | 3.51                       | 3,240                | 2,390                 | 4,380                 |
| Hughes Creek      | 4.52                       | 3,820                | 2,830                 | 5,170                 |
| Hughes Creek      | 5.03                       | 3,990                | 2,950                 | 5,390                 |
| Hughes Creek      | 5.97                       | 4,510                | 3,330                 | 6,090                 |
| Hughes Creek      | 6.23                       | 4,510                | 3,330                 | 6,090                 |
| Little Lucy Creek | 0.69                       | 630                  | 470                   | 850                   |
| Little Lucy Creek | 1.44                       | 1,160                | 860                   | 1,570                 |
| Little Lucy Creek | 2.24                       | 1,690                | 1,250                 | 2,280                 |
| Little Lucy Creek | 2.40                       | 1,760                | 1,300                 | 2,390                 |
| Little Lucy Creek | 2.65                       | 1,890                | 1,390                 | 2,550                 |
| Little Lucy Creek | 3.18                       | 2,140                | 1,580                 | 2,900                 |
| Little Lucy Creek | 3.34                       | 2,220                | 1,640                 | 3,000                 |
| Little Lucy Creek | 3.41                       | 2,260                | 1,670                 | 3,060                 |
| Little Lucy Creek | 3.46                       | 2,290                | 1,690                 | 3,100                 |
| Little Lucy Creek | 4.18                       | 2,690                | 1,990                 | 3,640                 |
| Little Lucy Creek | 6.29                       | 3,750                | 2,770                 | 5,070                 |
| Little Lucy Creek | 6.54                       | 3,800                | 2,810                 | 5,140                 |
| Little Lucy Creek | 6.58                       | 3,800                | 2,810                 | 5,140                 |
| Little Lucy Creek | 8.09                       | 4,480                | 3,310                 | 6,060                 |
| Little Lucy Creek | 8.44                       | 4,580                | 3,390                 | 6,190                 |

| Stream Name       | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                   |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Little Lucy Creek | 8.89                       | 4,720                | 3,490                 | 6,390                 |
| Little Lucy Creek | 10.64                      | 5,470                | 4,040                 | 7,390                 |
| Little Lucy Creek | 11.54                      | 5,800                | 4,290                 | 7,840                 |
| Little Lucy Creek | 12.41                      | 6,070                | 4,490                 | 8,200                 |
| Little Lucy Creek | 13.19                      | 6,340                | 4,680                 | 8,570                 |
| Little Lucy Creek | 14.17                      | 6,710                | 4,960                 | 9,080                 |
| Little Lucy Creek | 16.77                      | 7,650                | 5,650                 | 10,340                |
| Lucy Creek        | 0.70                       | 1,010                | 740                   | 1,360                 |
| Lucy Creek        | 0.77                       | 1,080                | 800                   | 1,460                 |
| Lucy Creek        | 1.51                       | 1,840                | 1,360                 | 2,490                 |
| Lucy Creek        | 1.84                       | 2,030                | 1,500                 | 2,750                 |
| Lucy Creek        | 3.74                       | 3,580                | 2,650                 | 4,840                 |
| Lucy Creek        | 3.94                       | 3,590                | 2,650                 | 4,850                 |
| Lucy Creek        | 5.76                       | 4,890                | 3,620                 | 6,610                 |
| Lucy Creek        | 6.01                       | 4,950                | 3,660                 | 6,690                 |
| Lucy Creek        | 7.09                       | 5,620                | 4,150                 | 7,600                 |
| Lucy Creek        | 7.80                       | 5,980                | 4,420                 | 8,080                 |
| Lucy Creek        | 8.62                       | 6,360                | 4,700                 | 8,600                 |
| Lucy Creek        | 9.44                       | 6,650                | 4,920                 | 8,990                 |
| Lucy Creek        | 10.26                      | 6,830                | 5,050                 | 9,230                 |
| Lucy Creek        | 12.34                      | 7,910                | 5,850                 | 10,700                |
| Lucy Creek        | 12.36                      | 7,910                | 5,850                 | 10,700                |
| Lucy Creek        | 12.45                      | 7,910                | 5,850                 | 10,700                |
| Lucy Creek        | 14.98                      | 8,980                | 6,640                 | 12,150                |
| Lucy Creek        | 15.48                      | 9,110                | 6,730                 | 12,320                |
| Lucy Creek        | 16.20                      | 9,330                | 6,900                 | 12,610                |
| Lucy Creek        | 16.86                      | 9,330                | 6,900                 | 12,610                |
| Lucy Creek        | 19.19                      | 10,100               | 7,470                 | 13,660                |
| Lucy Creek        | 19.57                      | 10,110               | 7,470                 | 13,670                |
| Lucy Creek        | 22.32                      | 10,970               | 8,110                 | 14,840                |
| Lucy Creek        | 22.35                      | 10,980               | 8,120                 | 14,850                |
| Lucy Creek        | 22.97                      | 11,020               | 8,150                 | 14,900                |
| Lucy Creek        | 24.79                      | 11,540               | 8,530                 | 15,610                |
| Lucy Creek        | 26.07                      | 11,940               | 8,830                 | 16,140                |
| Lucy Creek        | 26.21                      | 11,940               | 8,830                 | 16,140                |
| Lucy Creek        | 28.63                      | 12,540               | 9,280                 | 16,960                |
| Lucy Creek        | 28.68                      | 12,540               | 9,280                 | 16,960                |
| Lucy Creek        | 28.91                      | 12,580               | 9,300                 | 17,010                |
| Lucy Creek        | 30.58                      | 12,950               | 9,580                 | 17,520                |
| Lucy Creek        | 32.89                      | 13,640               | 10,090                | 18,450                |
| Lucy Creek        | 33.79                      | 13,910               | 10,290                | 18,810                |
| Lucy Creek        | 34.03                      | 13,910               | 10,290                | 18,810                |
| Lucy Creek        | 34.40                      | 13,970               | 10,330                | 18,890                |
| Lucy Creek        | 51.50                      | 18,820               | 13,920                | 25,450                |

| Stream Name    | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|----------------|----------------------------|----------------------|-----------------------|-----------------------|
|                |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Lucy Creek     | 54.10                      | 19,340               | 14,300                | 26,150                |
| Lucy Creek     | 56.26                      | 19,750               | 14,610                | 26,710                |
| Lucy Creek     | 56.30                      | 19,750               | 14,610                | 26,710                |
| Lucy Creek     | 56.42                      | 19,750               | 14,610                | 26,710                |
| Lucy Creek     | 57.51                      | 19,810               | 14,650                | 26,800                |
| Lucy Creek     | 57.88                      | 19,810               | 14,650                | 26,800                |
| Lucy Creek     | 60.00                      | 20,150               | 14,900                | 27,250                |
| Lucy Creek     | 60.66                      | 20,230               | 14,960                | 27,350                |
| Lucy Creek     | 61.15                      | 20,270               | 14,990                | 27,420                |
| Lucy Creek     | 61.38                      | 20,270               | 14,990                | 27,420                |
| Lucy Creek     | 66.07                      | 21,090               | 15,600                | 28,520                |
| Lucy Creek     | 66.39                      | 21,090               | 15,600                | 28,520                |
| McNett Creek   | 0.49                       | 600                  | 440                   | 810                   |
| McNett Creek   | 0.65                       | 780                  | 570                   | 1,050                 |
| McNett Creek   | 1.41                       | 1,380                | 1,020                 | 1,860                 |
| McNett Creek   | 1.46                       | 1,410                | 1,040                 | 1,900                 |
| McNett Creek   | 1.50                       | 1,410                | 1,050                 | 1,910                 |
| McNett Creek   | 1.63                       | 1,460                | 1,080                 | 1,980                 |
| McNett Creek   | 1.92                       | 1,660                | 1,230                 | 2,250                 |
| McNett Creek   | 2.64                       | 2,200                | 1,620                 | 2,970                 |
| Mesquite Creek | 1.12                       | 1,040                | 770                   | 1,400                 |
| Mesquite Creek | 1.81                       | 1,600                | 1,180                 | 2,160                 |
| Mesquite Creek | 2.51                       | 2,050                | 1,510                 | 2,770                 |
| Mesquite Creek | 3.12                       | 2,370                | 1,750                 | 3,210                 |
| Mesquite Creek | 3.60                       | 2,610                | 1,930                 | 3,520                 |
| Mesquite Creek | 4.41                       | 3,110                | 2,300                 | 4,200                 |
| Mesquite Creek | 5.07                       | 3,460                | 2,560                 | 4,680                 |
| Mesquite Creek | 5.68                       | 3,700                | 2,740                 | 5,010                 |
| Mesquite Creek | 6.63                       | 4,100                | 3,030                 | 5,550                 |
| Mesquite Creek | 6.97                       | 4,310                | 3,190                 | 5,830                 |
| Mesquite Creek | 7.18                       | 4,390                | 3,250                 | 5,940                 |
| Mesquite Creek | 7.51                       | 4,560                | 3,370                 | 6,170                 |
| Mesquite Creek | 8.43                       | 5,000                | 3,700                 | 6,760                 |
| Mesquite Creek | 9.62                       | 5,560                | 4,110                 | 7,520                 |
| Mesquite Creek | 9.76                       | 5,610                | 4,150                 | 7,590                 |
| Mesquite Creek | 11.51                      | 6,410                | 4,740                 | 8,660                 |
| Mesquite Creek | 28.42                      | 11,730               | 8,670                 | 15,860                |
| Mesquite Creek | 29.55                      | 12,080               | 8,940                 | 16,340                |
| Mesquite Creek | 29.57                      | 12,080               | 8,940                 | 16,340                |
| Mesquite Creek | 29.62                      | 12,080               | 8,940                 | 16,340                |
| Mesquite Creek | 29.93                      | 12,080               | 8,940                 | 16,340                |
| Mesquite Creek | 30.81                      | 12,340               | 9,120                 | 16,690                |
| Mesquite Creek | 31.06                      | 12,340               | 9,120                 | 16,690                |
| Mesquite Creek | 32.93                      | 12,730               | 9,410                 | 17,220                |

| Stream Name         | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|---------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                     |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Mesquite Creek      | 33.17                      | 12,800               | 9,460                 | 17,310                |
| Mesquite Creek      | 33.23                      | 12,840               | 9,490                 | 17,360                |
| Mesquite Creek      | 34.65                      | 13,120               | 9,700                 | 17,740                |
| Mesquite Creek      | 35.49                      | 13,270               | 9,820                 | 17,950                |
| Mesquite Creek      | 35.97                      | 13,360               | 9,880                 | 18,060                |
| Mesquite Creek      | 38.46                      | 14,090               | 10,420                | 19,050                |
| Mesquite Creek      | 39.49                      | 14,270               | 10,550                | 19,300                |
| Mesquite Creek      | 40.09                      | 14,320               | 10,590                | 19,360                |
| Mesquite Creek      | 40.13                      | 14,380               | 10,630                | 19,440                |
| Mesquite Creek      | 40.24                      | 14,380               | 10,630                | 19,440                |
| Mesquite Creek      | 40.62                      | 14,380               | 10,630                | 19,440                |
| Mesquite Creek      | 43.95                      | 15,270               | 11,290                | 20,650                |
| Mesquite Creek      | 45.30                      | 15,560               | 11,500                | 21,040                |
| Mesquite Creek      | 45.91                      | 15,560               | 11,510                | 21,050                |
| Mesquite Creek      | 46.02                      | 15,650               | 11,570                | 21,160                |
| Mesquite Creek      | 48.95                      | 16,380               | 12,110                | 22,150                |
| Mesquite Creek      | 52.89                      | 17,370               | 12,840                | 23,480                |
| Mesquite Creek      | 53.54                      | 17,370               | 12,840                | 23,480                |
| Mesquite Creek      | 55.64                      | 17,830               | 13,180                | 24,110                |
| Mesquite Creek      | 56.12                      | 17,910               | 13,250                | 24,230                |
| Mesquite Creek      | 56.68                      | 17,970               | 13,290                | 24,300                |
| Mesquite Creek      | 57.18                      | 18,100               | 13,380                | 24,470                |
| Mesquite Creek      | 58.19                      | 18,220               | 13,470                | 24,640                |
| Mesquite Creek      | 58.97                      | 18,340               | 13,560                | 24,810                |
| Mesquite Creek      | 59.91                      | 18,570               | 13,730                | 25,120                |
| Mesquite Creek      | 60.83                      | 18,700               | 13,830                | 25,290                |
| Mesquite Creek      | 61.16                      | 18,730               | 13,850                | 25,330                |
| Mesquite Creek      | 61.21                      | 18,730               | 13,850                | 25,330                |
| Pecan Branch        | 0.10                       | 200                  | 150                   | 270                   |
| Pecan Branch        | 0.16                       | 280                  | 200                   | 370                   |
| Pecan Branch        | 0.29                       | 410                  | 300                   | 550                   |
| Pecan Branch        | 1.14                       | 1,170                | 870                   | 1,590                 |
| Pecan Branch        | 1.42                       | 1,350                | 1,000                 | 1,830                 |
| Pecan Branch        | 2.57                       | 2,250                | 1,660                 | 3,040                 |
| Pecan Branch        | 3.48                       | 2,730                | 2,020                 | 3,700                 |
| Pecan Spring Branch | 0.49                       | 530                  | 390                   | 710                   |
| Pecan Spring Branch | 1.52                       | 1,450                | 1,070                 | 1,960                 |
| Pecan Spring Branch | 2.01                       | 1,690                | 1,250                 | 2,280                 |
| Pecan Spring Branch | 2.76                       | 2,110                | 1,560                 | 2,850                 |
| Pecan Spring Branch | 3.30                       | 2,370                | 1,760                 | 3,210                 |
| Pecan Spring Branch | 4.26                       | 2,930                | 2,160                 | 3,960                 |
| Pecan Spring Branch | 4.70                       | 3,260                | 2,410                 | 4,410                 |
| Pecan Spring Branch | 9.94                       | 6,040                | 4,460                 | 8,160                 |
| Pecan Spring Branch | 10.23                      | 6,170                | 4,560                 | 8,350                 |



| Stream Name          | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|----------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                      |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Pillar Bluff Creek   | 0.21                       | 300                  | 220                   | 400                   |
| Pillar Bluff Creek   | 1.22                       | 1,110                | 820                   | 1,510                 |
| Pillar Bluff Creek   | 1.59                       | 1,360                | 1,000                 | 1,840                 |
| Pillar Bluff Creek   | 3.35                       | 2,580                | 1,900                 | 3,480                 |
| Pillar Bluff Creek   | 3.67                       | 2,790                | 2,060                 | 3,770                 |
| Pillar Bluff Creek   | 13.98                      | 7,840                | 5,790                 | 10,600                |
| Pillar Bluff Creek   | 14.41                      | 7,940                | 5,870                 | 10,740                |
| Pillar Bluff Creek   | 14.49                      | 7,940                | 5,870                 | 10,740                |
| Pillar Bluff Creek   | 15.79                      | 8,530                | 6,310                 | 11,540                |
| Pillar Bluff Creek   | 16.00                      | 8,540                | 6,310                 | 11,550                |
| Pillar Bluff Creek   | 16.26                      | 8,660                | 6,400                 | 11,710                |
| Pillar Bluff Creek   | 16.29                      | 8,660                | 6,400                 | 11,710                |
| Pillar Bluff Creek   | 16.89                      | 8,660                | 6,400                 | 11,710                |
| Pillar Bluff Creek   | 16.90                      | 8,660                | 6,400                 | 11,710                |
| Pitt Creek           | 0.70                       | 720                  | 530                   | 980                   |
| Pitt Creek           | 2.23                       | 2,040                | 1,510                 | 2,760                 |
| Pitt Creek           | 2.77                       | 2,260                | 1,670                 | 3,060                 |
| Pitt Creek           | 3.81                       | 2,860                | 2,110                 | 3,860                 |
| Pitt Creek           | 6.47                       | 4,350                | 3,210                 | 5,880                 |
| Pitt Creek           | 7.15                       | 4,590                | 3,390                 | 6,210                 |
| Pitt Creek           | 7.65                       | 4,620                | 3,410                 | 6,240                 |
| Pitt Creek           | 9.10                       | 5,270                | 3,890                 | 7,120                 |
| Road Hollow Creek    | 1.45                       | 1,560                | 1,160                 | 2,110                 |
| Road Hollow Creek    | 2.09                       | 2,120                | 1,560                 | 2,860                 |
| Road Hollow Creek    | 2.54                       | 2,330                | 1,720                 | 3,150                 |
| Road Hollow Creek    | 3.26                       | 2,830                | 2,090                 | 3,830                 |
| Road Hollow Creek    | 3.98                       | 3,130                | 2,320                 | 4,240                 |
| South Mesquite Creek | 0.10                       | 100                  | 78                    | 140                   |
| South Mesquite Creek | 0.95                       | 890                  | 660                   | 1,200                 |
| South Mesquite Creek | 1.83                       | 1,520                | 1,120                 | 2,050                 |
| South Mesquite Creek | 2.76                       | 2,150                | 1,590                 | 2,900                 |
| South Mesquite Creek | 3.15                       | 2,360                | 1,740                 | 3,190                 |
| South Mesquite Creek | 3.98                       | 2,860                | 2,120                 | 3,870                 |
| South Mesquite Creek | 4.81                       | 3,280                | 2,420                 | 4,430                 |
| South Mesquite Creek | 4.93                       | 3,290                | 2,440                 | 4,460                 |
| South Mesquite Creek | 5.53                       | 3,620                | 2,680                 | 4,900                 |
| South Mesquite Creek | 5.66                       | 3,640                | 2,690                 | 4,930                 |
| South Mesquite Creek | 5.73                       | 3,650                | 2,700                 | 4,940                 |
| South Mesquite Creek | 6.12                       | 3,870                | 2,860                 | 5,240                 |
| South Mesquite Creek | 8.35                       | 4,860                | 3,600                 | 6,580                 |
| South Mesquite Creek | 9.98                       | 5,520                | 4,080                 | 7,460                 |
| South Mesquite Creek | 10.39                      | 5,680                | 4,200                 | 7,690                 |
| South Mesquite Creek | 10.83                      | 5,800                | 4,290                 | 7,840                 |
| South Mesquite Creek | 10.88                      | 5,820                | 4,300                 | 7,870                 |

| Stream Name          | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|----------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                      |                            | (cfs)                | (cfs)                 | (cfs)                 |
| South Mesquite Creek | 13.24                      | 6,710                | 4,960                 | 9,070                 |
| South Mesquite Creek | 14.77                      | 7,300                | 5,390                 | 9,870                 |
| South Mesquite Creek | 15.06                      | 7,330                | 5,420                 | 9,910                 |
| South Mesquite Creek | 15.63                      | 7,490                | 5,540                 | 10,130                |
| South Mesquite Creek | 16.50                      | 7,740                | 5,720                 | 10,470                |
| South Mesquite Creek | 16.59                      | 7,770                | 5,750                 | 10,510                |
| Stream BC-1          | 0.30                       | 600                  | 450                   | 820                   |
| Stream BC-1          | 0.50                       | 910                  | 670                   | 1,230                 |
| Stream BC-1          | 0.53                       | 940                  | 690                   | 1,270                 |
| Stream BC-1          | 0.81                       | 1,270                | 940                   | 1,720                 |
| Stream BC-1          | 1.12                       | 1,560                | 1,150                 | 2,110                 |
| Stream BC-1          | 1.22                       | 1,660                | 1,230                 | 2,250                 |
| Stream BC-1          | 2.30                       | 2,750                | 2,030                 | 3,710                 |
| Sulphur Creek        | 68.59                      | 23,580               | 17,440                | 31,890                |
| Sulphur Creek        | 68.79                      | 23,580               | 17,440                | 31,890                |
| Sulphur Creek        | 68.81                      | 23,580               | 17,440                | 31,890                |
| Sulphur Creek        | 71.60                      | 23,960               | 17,720                | 32,400                |
| Sulphur Creek        | 71.62                      | 23,960               | 17,720                | 32,400                |
| Sulphur Creek        | 72.24                      | 23,960               | 17,720                | 32,400                |
| Sulphur Creek        | 72.67                      | 23,960               | 17,720                | 32,400                |
| Sulphur Creek        | 77.14                      | 24,180               | 17,880                | 32,700                |
| Sulphur Creek        | 77.51                      | 24,180               | 17,880                | 32,700                |
| Sulphur Creek        | 80.15                      | 24,370               | 18,020                | 32,960                |
| Sulphur Creek        | 80.17                      | 24,370               | 18,020                | 32,960                |
| Sulphur Creek        | 80.18                      | 24,370               | 18,020                | 32,960                |
| Sulphur Creek        | 80.21                      | 24,370               | 18,020                | 32,960                |
| Sulphur Creek        | 82.96                      | 24,670               | 18,240                | 33,360                |
| Sulphur Creek        | 83.52                      | 24,730               | 18,290                | 33,450                |
| Sulphur Creek        | 83.59                      | 24,730               | 18,290                | 33,450                |
| Sulphur Creek        | 83.63                      | 24,730               | 18,290                | 33,450                |
| Sulphur Creek        | 84.56                      | 24,890               | 18,400                | 33,660                |
| Sulphur Creek        | 84.59                      | 24,890               | 18,400                | 33,660                |
| Sulphur Creek        | 84.83                      | 24,890               | 18,400                | 33,660                |
| Sulphur Creek        | 85.15                      | 24,890               | 18,400                | 33,660                |
| Sulphur Creek        | 85.28                      | 24,890               | 18,400                | 33,660                |
| Sulphur Creek        | 85.41                      | 24,890               | 18,400                | 33,660                |
| Sulphur Creek        | 96.80                      | 27,090               | 20,030                | 36,630                |
| Sulphur Creek        | 101.04                     | 27,730               | 20,510                | 37,500                |
| Sulphur Creek        | 102.71                     | 27,990               | 20,690                | 37,850                |
| Sulphur Creek        | 104.04                     | 28,180               | 20,840                | 38,110                |
| Sulphur Creek        | 104.94                     | 28,340               | 20,950                | 38,320                |
| Sulphur Creek        | 105.90                     | 28,340               | 20,960                | 38,330                |
| Sulphur Creek        | 106.06                     | 28,340               | 20,960                | 38,330                |
| Sulphur Creek        | 106.40                     | 28,340               | 20,960                | 38,330                |

| Stream Name   | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|---------------|----------------------------|----------------------|-----------------------|-----------------------|
|               |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Sulphur Creek | 106.45                     | 28,340               | 20,960                | 38,330                |
| Sulphur Creek | 106.48                     | 28,340               | 20,960                | 38,330                |
| Sulphur Creek | 106.71                     | 28,340               | 20,960                | 38,330                |
| Sulphur Creek | 110.20                     | 28,670               | 21,200                | 38,770                |
| Sulphur Creek | 110.47                     | 28,670               | 21,200                | 38,770                |
| Sulphur Creek | 110.69                     | 28,670               | 21,200                | 38,770                |
| Sulphur Creek | 111.66                     | 28,670               | 21,200                | 38,770                |
| Sulphur Creek | 113.75                     | 28,670               | 21,200                | 38,770                |
| Sulphur Creek | 114.53                     | 28,670               | 21,200                | 38,770                |
| Sulphur Creek | 115.71                     | 28,670               | 21,200                | 38,770                |
| Sulphur Creek | 118.75                     | 28,680               | 21,210                | 38,790                |
| Sulphur Creek | 118.75                     | 28,680               | 21,210                | 38,790                |
| Sulphur Creek | 120.23                     | 28,860               | 21,340                | 39,020                |
| Sulphur Creek | 120.59                     | 28,860               | 21,340                | 39,020                |
| Sulphur Creek | 120.84                     | 28,860               | 21,340                | 39,020                |
| Sulphur Creek | 122.18                     | 28,860               | 21,340                | 39,020                |
| Sulphur Creek | 124.85                     | 29,000               | 21,450                | 39,220                |
| Sulphur Creek | 125.11                     | 29,000               | 21,450                | 39,220                |
| Sulphur Creek | 125.98                     | 29,000               | 21,450                | 39,220                |
| Sulphur Creek | 127.19                     | 29,000               | 21,450                | 39,220                |
| Sulphur Creek | 130.26                     | 29,120               | 21,530                | 39,380                |
| Sulphur Creek | 131.24                     | 29,260               | 21,640                | 39,580                |
| Sulphur Creek | 131.99                     | 29,260               | 21,640                | 39,580                |
| Taylor Creek  | 0.73                       | 900                  | 670                   | 1,220                 |
| Taylor Creek  | 0.98                       | 920                  | 680                   | 1,250                 |
| Taylor Creek  | 0.99                       | 980                  | 720                   | 1,320                 |
| Taylor Creek  | 1.25                       | 2,250                | 1,660                 | 3,040                 |
| Taylor Creek  | 2.43                       | 2,350                | 1,740                 | 3,180                 |
| Taylor Creek  | 2.52                       | 2,580                | 1,910                 | 3,490                 |
| Taylor Creek  | 3.60                       | 2,960                | 2,190                 | 4,010                 |
| Taylor Creek  | 3.63                       | 4,600                | 3,400                 | 6,220                 |
| Taylor Creek  | 4.99                       | 4,750                | 3,510                 | 6,420                 |
| Taylor Creek  | 5.26                       | 4,900                | 3,620                 | 6,620                 |
| Taylor Creek  | 6.12                       | 4,990                | 3,690                 | 6,750                 |
| Taylor Creek  | 6.47                       | 6,200                | 4,580                 | 8,380                 |
| Taylor Creek  | 7.39                       | 6,570                | 4,860                 | 8,890                 |
| Taylor Creek  | 7.65                       | 6,860                | 5,070                 | 9,270                 |
| Taylor Creek  | 8.50                       | 7,070                | 5,220                 | 9,560                 |
| Taylor Creek  | 8.78                       | 8,280                | 6,120                 | 11,190                |
| Taylor Creek  | 9.28                       | 13,600               | 10,060                | 18,390                |
| Taylor Creek  | 10.59                      | 14,070               | 10,400                | 19,020                |
| Taylor Creek  | 10.69                      | 14,070               | 10,400                | 19,020                |
| UNT_305       | 0.77                       | 1,170                | 870                   | 1,590                 |
| UNT_305       | 1.00                       | 1,460                | 1,080                 | 1,970                 |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_305     | 1.14                       | 1,550                | 1,150                 | 2,100                 |
| UNT_305     | 1.23                       | 1,610                | 1,190                 | 2,170                 |
| UNT_306     | 1.21                       | 1,470                | 1,090                 | 1,990                 |
| UNT_307     | 1.38                       | 1,760                | 1,300                 | 2,370                 |
| UNT_307     | 1.91                       | 2,100                | 1,560                 | 2,850                 |
| UNT_307     | 1.94                       | 2,120                | 1,570                 | 2,870                 |
| UNT_308     | 1.20                       | 1,540                | 1,140                 | 2,090                 |
| UNT_309     | 0.29                       | 380                  | 280                   | 520                   |
| UNT_309     | 1.56                       | 1,340                | 990                   | 1,820                 |
| UNT_310     | 0.16                       | 310                  | 230                   | 420                   |
| UNT_310     | 0.19                       | 350                  | 260                   | 470                   |
| UNT_310     | 1.22                       | 1,330                | 980                   | 1,800                 |
| UNT_311     | 0.21                       | 340                  | 250                   | 460                   |
| UNT_311     | 0.93                       | 1,110                | 820                   | 1,500                 |
| UNT_311     | 1.52                       | 1,580                | 1,170                 | 2,140                 |
| UNT_311     | 1.97                       | 1,870                | 1,380                 | 2,530                 |
| UNT_312     | 0.90                       | 1,040                | 770                   | 1,400                 |
| UNT_312     | 1.80                       | 1,800                | 1,330                 | 2,440                 |
| UNT_312     | 1.82                       | 1,810                | 1,330                 | 2,440                 |
| UNT_312     | 2.58                       | 2,280                | 1,680                 | 3,080                 |
| UNT_312     | 2.68                       | 2,450                | 1,810                 | 3,310                 |
| UNT_313     | 0.67                       | 1,070                | 790                   | 1,450                 |
| UNT_313     | 0.82                       | 1,310                | 970                   | 1,770                 |
| UNT_313     | 0.99                       | 1,440                | 1,060                 | 1,940                 |
| UNT_314     | 0.10                       | 220                  | 170                   | 300                   |
| UNT_314     | 0.52                       | 660                  | 490                   | 900                   |
| UNT_314     | 0.58                       | 710                  | 520                   | 950                   |
| UNT_314     | 1.15                       | 1,250                | 920                   | 1,690                 |
| UNT_315     | 0.87                       | 970                  | 720                   | 1,310                 |
| UNT_315     | 1.59                       | 1,540                | 1,140                 | 2,090                 |
| UNT_315     | 2.27                       | 1,950                | 1,440                 | 2,640                 |
| UNT_315     | 4.14                       | 3,090                | 2,280                 | 4,180                 |
| UNT_315     | 4.16                       | 3,090                | 2,280                 | 4,180                 |
| UNT_315     | 4.40                       | 3,160                | 2,340                 | 4,270                 |
| UNT_316     | 0.03                       | 52                   | 39                    | 71                    |
| UNT_316     | 0.15                       | 260                  | 200                   | 360                   |
| UNT_316     | 0.57                       | 720                  | 530                   | 970                   |
| UNT_316     | 0.91                       | 1,020                | 750                   | 1,380                 |
| UNT_316     | 1.09                       | 1,150                | 850                   | 1,550                 |
| UNT_316     | 1.16                       | 1,170                | 870                   | 1,590                 |
| UNT_316     | 1.40                       | 1,370                | 1,010                 | 1,850                 |
| UNT_317     | 1.17                       | 1,330                | 980                   | 1,800                 |
| UNT_318     | 0.77                       | 810                  | 600                   | 1,090                 |
| UNT_318     | 1.02                       | 1,040                | 770                   | 1,400                 |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_318     | 1.15                       | 1,120                | 830                   | 1,520                 |
| UNT_318     | 1.46                       | 1,370                | 1,010                 | 1,850                 |
| UNT_318     | 1.50                       | 1,390                | 1,030                 | 1,880                 |
| UNT_318     | 1.96                       | 1,680                | 1,240                 | 2,270                 |
| UNT_318     | 2.01                       | 1,700                | 1,260                 | 2,300                 |
| UNT_318     | 2.35                       | 1,800                | 1,330                 | 2,430                 |
| UNT_318     | 2.61                       | 2,080                | 1,540                 | 2,810                 |
| UNT_318     | 2.63                       | 2,100                | 1,550                 | 2,840                 |
| UNT_319     | 0.59                       | 650                  | 480                   | 880                   |
| UNT_319     | 1.29                       | 1,370                | 1,010                 | 1,850                 |
| UNT_319     | 1.70                       | 1,640                | 1,210                 | 2,210                 |
| UNT_319     | 2.63                       | 2,260                | 1,670                 | 3,060                 |
| UNT_319     | 2.88                       | 2,380                | 1,760                 | 3,220                 |
| UNT_320     | 0.71                       | 760                  | 560                   | 1,030                 |
| UNT_320     | 1.44                       | 1,420                | 1,050                 | 1,920                 |
| UNT_320     | 1.59                       | 1,540                | 1,140                 | 2,080                 |
| UNT_321     | 0.18                       | 210                  | 160                   | 290                   |
| UNT_321     | 0.23                       | 260                  | 190                   | 350                   |
| UNT_321     | 0.48                       | 510                  | 380                   | 690                   |
| UNT_321     | 0.73                       | 740                  | 550                   | 1,010                 |
| UNT_321     | 0.99                       | 940                  | 690                   | 1,270                 |
| UNT_321     | 1.11                       | 1,050                | 770                   | 1,410                 |
| UNT_321     | 2.25                       | 1,940                | 1,430                 | 2,620                 |
| UNT_321     | 2.60                       | 2,150                | 1,590                 | 2,910                 |
| UNT_322     | 1.08                       | 1,270                | 940                   | 1,720                 |
| UNT_323     | 0.17                       | 270                  | 200                   | 370                   |
| UNT_323     | 0.91                       | 970                  | 720                   | 1,320                 |
| UNT_323     | 1.62                       | 1,550                | 1,150                 | 2,100                 |
| UNT_323     | 1.68                       | 1,570                | 1,160                 | 2,120                 |
| UNT_323     | 1.95                       | 1,760                | 1,300                 | 2,380                 |
| UNT_323     | 2.16                       | 1,890                | 1,390                 | 2,550                 |
| UNT_323     | 4.08                       | 2,950                | 2,180                 | 3,990                 |
| UNT_323     | 4.18                       | 3,050                | 2,260                 | 4,130                 |
| UNT_323     | 4.20                       | 3,050                | 2,260                 | 4,130                 |
| UNT_324     | 1.20                       | 1,120                | 830                   | 1,520                 |
| UNT_325     | 0.97                       | 960                  | 710                   | 1,300                 |
| UNT_325     | 1.79                       | 1,660                | 1,230                 | 2,240                 |
| UNT_325     | 2.49                       | 2,000                | 1,480                 | 2,700                 |
| UNT_325     | 4.01                       | 2,920                | 2,160                 | 3,950                 |
| UNT_325     | 4.04                       | 2,920                | 2,160                 | 3,950                 |
| UNT_326     | 0.10                       | 180                  | 130                   | 240                   |
| UNT_326     | 0.19                       | 320                  | 230                   | 430                   |
| UNT_326     | 1.16                       | 1,010                | 740                   | 1,360                 |
| UNT_326     | 1.28                       | 1,130                | 830                   | 1,530                 |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_326     | 1.30                       | 1,140                | 840                   | 1,540                 |
| UNT_326     | 1.53                       | 1,270                | 940                   | 1,720                 |
| UNT_326     | 1.79                       | 1,440                | 1,060                 | 1,940                 |
| UNT_326     | 1.83                       | 1,480                | 1,090                 | 2,000                 |
| UNT_327     | 0.30                       | 400                  | 290                   | 540                   |
| UNT_327     | 0.36                       | 440                  | 330                   | 600                   |
| UNT_327     | 0.89                       | 970                  | 720                   | 1,310                 |
| UNT_327     | 1.22                       | 1,250                | 920                   | 1,690                 |
| UNT_327     | 2.03                       | 1,880                | 1,390                 | 2,540                 |
| UNT_327     | 2.16                       | 1,920                | 1,420                 | 2,590                 |
| UNT_327     | 2.19                       | 1,920                | 1,420                 | 2,590                 |
| UNT_327     | 3.01                       | 2,460                | 1,820                 | 3,330                 |
| UNT_328     | 1.55                       | 1,790                | 1,320                 | 2,420                 |
| UNT_328     | 2.02                       | 2,140                | 1,580                 | 2,890                 |
| UNT_328     | 2.23                       | 2,240                | 1,650                 | 3,030                 |
| UNT_329     | 1.03                       | 1,150                | 850                   | 1,560                 |
| UNT_329     | 1.36                       | 1,380                | 1,020                 | 1,870                 |
| UNT_329     | 2.01                       | 1,980                | 1,460                 | 2,670                 |
| UNT_329     | 2.96                       | 2,730                | 2,020                 | 3,700                 |
| UNT_330     | 0.12                       | 190                  | 140                   | 260                   |
| UNT_330     | 1.02                       | 1,010                | 740                   | 1,360                 |
| UNT_330     | 1.43                       | 1,320                | 980                   | 1,790                 |
| UNT_330     | 2.97                       | 2,420                | 1,790                 | 3,270                 |
| UNT_330     | 5.05                       | 3,780                | 2,790                 | 5,110                 |
| UNT_330     | 5.10                       | 3,840                | 2,840                 | 5,190                 |
| UNT_331     | 1.06                       | 1,140                | 840                   | 1,540                 |
| UNT_331     | 1.58                       | 1,540                | 1,140                 | 2,080                 |
| UNT_332     | 1.18                       | 1,120                | 830                   | 1,520                 |
| UNT_333     | 1.40                       | 1,220                | 900                   | 1,650                 |
| UNT_334     | 0.18                       | 220                  | 160                   | 300                   |
| UNT_334     | 0.90                       | 930                  | 690                   | 1,260                 |
| UNT_334     | 1.50                       | 1,410                | 1,040                 | 1,910                 |
| UNT_334     | 2.10                       | 1,880                | 1,390                 | 2,550                 |
| UNT_334     | 2.47                       | 2,060                | 1,520                 | 2,790                 |
| UNT_335     | 0.91                       | 1,010                | 740                   | 1,360                 |
| UNT_335     | 1.33                       | 1,380                | 1,020                 | 1,860                 |
| UNT_335     | 1.85                       | 1,790                | 1,320                 | 2,420                 |
| UNT_335     | 1.87                       | 1,790                | 1,330                 | 2,420                 |
| UNT_336     | 0.15                       | 220                  | 160                   | 300                   |
| UNT_336     | 1.07                       | 1,130                | 830                   | 1,530                 |
| UNT_336     | 1.47                       | 1,490                | 1,100                 | 2,010                 |
| UNT_337     | 0.13                       | 140                  | 100                   | 180                   |
| UNT_337     | 1.12                       | 1,090                | 810                   | 1,480                 |
| UNT_337     | 1.13                       | 1,100                | 810                   | 1,490                 |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_337     | 1.22                       | 1,170                | 870                   | 1,580                 |
| UNT_337     | 2.08                       | 1,820                | 1,350                 | 2,460                 |
| UNT_338     | 0.15                       | 170                  | 120                   | 230                   |
| UNT_338     | 0.83                       | 830                  | 620                   | 1,130                 |
| UNT_338     | 0.89                       | 890                  | 650                   | 1,200                 |
| UNT_338     | 1.18                       | 1,100                | 820                   | 1,490                 |
| UNT_338     | 1.40                       | 1,280                | 950                   | 1,730                 |
| UNT_338     | 1.55                       | 1,340                | 990                   | 1,810                 |
| UNT_338     | 1.67                       | 1,440                | 1,070                 | 1,950                 |
| UNT_338     | 1.85                       | 1,610                | 1,190                 | 2,180                 |
| UNT_339     | 0.56                       | 910                  | 680                   | 1,240                 |
| UNT_339     | 0.62                       | 1,000                | 740                   | 1,360                 |
| UNT_339     | 0.83                       | 1,290                | 950                   | 1,740                 |
| UNT_339     | 0.84                       | 1,290                | 950                   | 1,740                 |
| UNT_339     | 1.39                       | 1,860                | 1,370                 | 2,510                 |
| UNT_339     | 2.13                       | 2,610                | 1,930                 | 3,530                 |
| UNT_340     | 0.58                       | 840                  | 620                   | 1,130                 |
| UNT_340     | 0.98                       | 1,290                | 950                   | 1,740                 |
| UNT_341     | 0.16                       | 240                  | 180                   | 330                   |
| UNT_341     | 0.20                       | 290                  | 220                   | 400                   |
| UNT_341     | 0.22                       | 300                  | 220                   | 410                   |
| UNT_341     | 0.29                       | 400                  | 300                   | 540                   |
| UNT_341     | 0.37                       | 470                  | 340                   | 630                   |
| UNT_341     | 0.45                       | 530                  | 390                   | 720                   |
| UNT_341     | 0.54                       | 620                  | 460                   | 840                   |
| UNT_342     | 0.19                       | 440                  | 320                   | 590                   |
| UNT_342     | 0.61                       | 1,160                | 860                   | 1,570                 |
| UNT_342     | 0.72                       | 1,240                | 920                   | 1,680                 |
| UNT_343     | 0.10                       | 200                  | 150                   | 270                   |
| UNT_343     | 0.76                       | 850                  | 630                   | 1,150                 |
| UNT_343     | 0.81                       | 930                  | 680                   | 1,250                 |
| UNT_343     | 0.96                       | 1,020                | 760                   | 1,380                 |
| UNT_344     | 0.93                       | 910                  | 680                   | 1,240                 |
| UNT_344     | 1.06                       | 1,010                | 750                   | 1,370                 |
| UNT_344     | 3.56                       | 2,730                | 2,020                 | 3,690                 |
| UNT_345     | 0.62                       | 780                  | 580                   | 1,060                 |
| UNT_345     | 0.80                       | 920                  | 680                   | 1,240                 |
| UNT_345     | 1.09                       | 1,150                | 850                   | 1,550                 |
| UNT_346     | 1.09                       | 1,080                | 800                   | 1,460                 |
| UNT_347     | 1.58                       | 1,770                | 1,310                 | 2,390                 |
| UNT_347     | 1.67                       | 1,940                | 1,430                 | 2,620                 |
| UNT_348     | 0.62                       | 770                  | 570                   | 1,030                 |
| UNT_348     | 1.28                       | 1,450                | 1,070                 | 1,960                 |
| UNT_349     | 0.10                       | 190                  | 140                   | 250                   |



| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_349     | 0.16                       | 270                  | 200                   | 370                   |
| UNT_349     | 0.31                       | 450                  | 330                   | 610                   |
| UNT_349     | 0.39                       | 530                  | 390                   | 720                   |
| UNT_349     | 0.50                       | 620                  | 460                   | 840                   |
| UNT_349     | 0.85                       | 1,000                | 740                   | 1,350                 |
| UNT_349     | 1.08                       | 1,100                | 810                   | 1,480                 |
| UNT_349     | 1.10                       | 1,200                | 880                   | 1,620                 |
| UNT_349     | 1.51                       | 1,530                | 1,130                 | 2,070                 |
| UNT_349     | 1.56                       | 1,570                | 1,160                 | 2,120                 |
| UNT_350     | 0.10                       | 120                  | 91                    | 170                   |
| UNT_350     | 0.16                       | 190                  | 140                   | 250                   |
| UNT_350     | 0.18                       | 210                  | 150                   | 280                   |
| UNT_351     | 0.12                       | 170                  | 130                   | 240                   |
| UNT_351     | 0.16                       | 220                  | 170                   | 300                   |
| UNT_351     | 0.50                       | 570                  | 420                   | 770                   |
| UNT_351     | 0.75                       | 770                  | 570                   | 1,040                 |
| UNT_351     | 0.85                       | 810                  | 600                   | 1,100                 |
| UNT_351     | 1.01                       | 940                  | 700                   | 1,280                 |
| UNT_351     | 1.07                       | 960                  | 710                   | 1,300                 |
| UNT_351     | 2.17                       | 1,770                | 1,310                 | 2,400                 |
| UNT_352     | 1.02                       | 1,110                | 820                   | 1,500                 |
| UNT_352     | 1.07                       | 1,130                | 830                   | 1,520                 |
| UNT_353     | 0.56                       | 640                  | 480                   | 870                   |
| UNT_353     | 1.12                       | 1,120                | 830                   | 1,520                 |
| UNT_354     | 0.10                       | 150                  | 110                   | 200                   |
| UNT_354     | 0.74                       | 810                  | 600                   | 1,100                 |
| UNT_354     | 1.52                       | 1,530                | 1,130                 | 2,070                 |
| UNT_355     | 0.10                       | 120                  | 87                    | 160                   |
| UNT_355     | 0.44                       | 440                  | 330                   | 600                   |
| UNT_355     | 0.46                       | 450                  | 330                   | 600                   |
| UNT_355     | 0.63                       | 600                  | 440                   | 810                   |
| UNT_355     | 0.71                       | 650                  | 480                   | 890                   |
| UNT_355     | 0.75                       | 700                  | 520                   | 940                   |
| UNT_356     | 0.56                       | 710                  | 530                   | 960                   |
| UNT_356     | 0.90                       | 960                  | 710                   | 1,300                 |
| UNT_357     | 0.30                       | 410                  | 300                   | 560                   |
| UNT_357     | 0.87                       | 970                  | 720                   | 1,310                 |
| UNT_357     | 1.21                       | 1,260                | 930                   | 1,700                 |
| UNT_358     | 0.70                       | 710                  | 530                   | 960                   |
| UNT_358     | 0.79                       | 780                  | 580                   | 1,060                 |
| UNT_359     | 0.32                       | 570                  | 420                   | 770                   |
| UNT_359     | 1.22                       | 1,570                | 1,160                 | 2,120                 |
| UNT_360     | 0.11                       | 150                  | 110                   | 200                   |
| UNT_360     | 0.32                       | 650                  | 480                   | 870                   |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_360     | 0.74                       | 1,230                | 910                   | 1,670                 |
| UNT_361     | 0.86                       | 1,380                | 1,020                 | 1,860                 |
| UNT_361     | 0.96                       | 1,440                | 1,060                 | 1,940                 |
| UNT_362     | 0.08                       | 130                  | 100                   | 180                   |
| UNT_362     | 0.10                       | 180                  | 130                   | 240                   |
| UNT_362     | 0.16                       | 270                  | 200                   | 360                   |
| UNT_363     | 0.75                       | 830                  | 610                   | 1,120                 |
| UNT_364     | 0.22                       | 350                  | 260                   | 470                   |
| UNT_364     | 0.64                       | 900                  | 660                   | 1,210                 |
| UNT_364     | 0.84                       | 1,050                | 770                   | 1,410                 |
| UNT_365     | 0.18                       | 300                  | 220                   | 400                   |
| UNT_365     | 0.21                       | 330                  | 240                   | 440                   |
| UNT_366     | 0.10                       | 190                  | 140                   | 250                   |
| UNT_366     | 0.24                       | 380                  | 280                   | 510                   |
| UNT_367     | 0.23                       | 350                  | 260                   | 470                   |
| UNT_367     | 0.54                       | 700                  | 520                   | 950                   |
| UNT_367     | 0.66                       | 830                  | 610                   | 1,120                 |
| UNT_367     | 0.68                       | 850                  | 630                   | 1,150                 |
| UNT_368     | 0.21                       | 390                  | 290                   | 520                   |
| UNT_368     | 0.26                       | 450                  | 330                   | 610                   |
| UNT_369     | 0.04                       | 91                   | 67                    | 120                   |
| UNT_369     | 0.11                       | 280                  | 210                   | 380                   |
| UNT_369     | 0.13                       | 310                  | 230                   | 420                   |
| UNT_370     | 0.10                       | 150                  | 110                   | 200                   |
| UNT_370     | 0.26                       | 330                  | 250                   | 450                   |
| UNT_371     | 0.17                       | 390                  | 290                   | 520                   |
| UNT_371     | 0.23                       | 480                  | 350                   | 650                   |
| UNT_372     | 0.05                       | 92                   | 68                    | 120                   |
| UNT_372     | 0.09                       | 180                  | 130                   | 240                   |
| UNT_373     | 0.10                       | 260                  | 190                   | 350                   |
| UNT_373     | 0.31                       | 620                  | 460                   | 840                   |
| UNT_374     | 0.09                       | 230                  | 170                   | 320                   |
| UNT_374     | 0.12                       | 300                  | 220                   | 410                   |
| UNT_374     | 0.34                       | 670                  | 500                   | 910                   |
| UNT_375     | 0.34                       | 460                  | 340                   | 620                   |
| UNT_375     | 0.46                       | 610                  | 450                   | 830                   |
| UNT_376     | 0.19                       | 280                  | 210                   | 380                   |
| UNT_376     | 0.47                       | 620                  | 460                   | 830                   |
| UNT_377     | 0.52                       | 940                  | 690                   | 1,270                 |
| UNT_377     | 0.63                       | 1,060                | 780                   | 1,430                 |
| UNT_377     | 0.72                       | 1,180                | 870                   | 1,600                 |
| UNT_378     | 0.02                       | 32                   | 23                    | 43                    |
| UNT_378     | 0.10                       | 170                  | 120                   | 220                   |
| UNT_378     | 0.14                       | 230                  | 170                   | 310                   |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_378     | 0.15                       | 240                  | 180                   | 330                   |
| UNT_379     | 0.16                       | 280                  | 210                   | 380                   |
| UNT_379     | 0.22                       | 360                  | 270                   | 490                   |
| UNT_380     | 0.04                       | 83                   | 61                    | 110                   |
| UNT_380     | 0.09                       | 300                  | 220                   | 410                   |
| UNT_380     | 0.18                       | 500                  | 370                   | 680                   |
| UNT_381     | 0.05                       | 97                   | 71                    | 130                   |
| UNT_381     | 0.06                       | 110                  | 81                    | 150                   |
| UNT_382     | 0.46                       | 510                  | 380                   | 690                   |
| UNT_383     | 0.69                       | 770                  | 570                   | 1,040                 |
| UNT_384     | 0.32                       | 420                  | 310                   | 560                   |
| UNT_385     | 0.25                       | 370                  | 270                   | 500                   |
| UNT_385     | 0.33                       | 460                  | 340                   | 620                   |
| UNT_386     | 0.84                       | 900                  | 660                   | 1,210                 |
| UNT_386     | 0.94                       | 990                  | 730                   | 1,330                 |
| UNT_387     | 0.37                       | 500                  | 370                   | 680                   |
| UNT_387     | 0.51                       | 660                  | 490                   | 890                   |
| UNT_388     | 0.18                       | 270                  | 200                   | 360                   |
| UNT_388     | 0.27                       | 380                  | 280                   | 510                   |
| UNT_389     | 0.96                       | 1,070                | 790                   | 1,440                 |
| UNT_390     | 0.36                       | 480                  | 350                   | 650                   |
| UNT_391     | 0.31                       | 470                  | 350                   | 630                   |
| UNT_392     | 0.46                       | 530                  | 390                   | 720                   |
| UNT_393     | 0.37                       | 430                  | 320                   | 580                   |
| UNT_393     | 0.40                       | 480                  | 360                   | 650                   |
| UNT_394     | 0.75                       | 820                  | 610                   | 1,110                 |
| UNT_394     | 0.79                       | 860                  | 630                   | 1,160                 |
| UNT_395     | 0.29                       | 320                  | 230                   | 430                   |
| UNT_395     | 0.41                       | 440                  | 330                   | 600                   |
| UNT_396     | 0.59                       | 730                  | 540                   | 990                   |
| UNT_396     | 0.77                       | 920                  | 680                   | 1,240                 |
| UNT_396     | 0.80                       | 950                  | 710                   | 1,290                 |
| UNT_397     | 0.47                       | 510                  | 380                   | 690                   |
| UNT_397     | 0.56                       | 610                  | 450                   | 830                   |
| UNT_397     | 0.62                       | 670                  | 500                   | 910                   |
| UNT_398     | 0.18                       | 250                  | 180                   | 330                   |
| UNT_399     | 0.16                       | 280                  | 200                   | 370                   |
| UNT_399     | 0.53                       | 660                  | 490                   | 900                   |
| UNT_399     | 0.63                       | 810                  | 600                   | 1,100                 |
| UNT_399     | 0.84                       | 1,010                | 750                   | 1,370                 |
| UNT_400     | 0.10                       | 160                  | 120                   | 220                   |
| UNT_400     | 0.14                       | 200                  | 150                   | 280                   |
| UNT_400     | 0.20                       | 290                  | 220                   | 400                   |
| UNT_401     | 0.43                       | 560                  | 420                   | 760                   |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_401     | 0.53                       | 660                  | 490                   | 890                   |
| UNT_401     | 0.68                       | 840                  | 620                   | 1,130                 |
| UNT_401     | 0.85                       | 970                  | 720                   | 1,310                 |
| UNT_402     | 0.10                       | 170                  | 130                   | 230                   |
| UNT_402     | 0.14                       | 240                  | 170                   | 320                   |
| UNT_402     | 0.15                       | 250                  | 190                   | 340                   |
| UNT_403     | 0.24                       | 410                  | 300                   | 550                   |
| UNT_403     | 0.45                       | 640                  | 470                   | 860                   |
| UNT_404     | 0.13                       | 280                  | 210                   | 380                   |
| UNT_404     | 0.23                       | 410                  | 310                   | 560                   |
| UNT_405     | 0.11                       | 180                  | 140                   | 250                   |
| UNT_405     | 0.27                       | 410                  | 310                   | 560                   |
| UNT_406     | 0.10                       | 210                  | 150                   | 280                   |
| UNT_406     | 0.73                       | 780                  | 580                   | 1,060                 |
| UNT_406     | 0.86                       | 860                  | 640                   | 1,170                 |
| UNT_406     | 0.88                       | 890                  | 650                   | 1,200                 |
| UNT_407     | 0.08                       | 130                  | 93                    | 170                   |
| UNT_407     | 0.14                       | 170                  | 130                   | 230                   |
| UNT_407     | 0.21                       | 240                  | 180                   | 330                   |
| UNT_408     | 0.12                       | 200                  | 150                   | 270                   |
| UNT_408     | 0.18                       | 260                  | 190                   | 350                   |
| UNT_408     | 0.25                       | 330                  | 240                   | 450                   |
| UNT_409     | 0.04                       | 71                   | 52                    | 96                    |
| UNT_409     | 0.10                       | 150                  | 110                   | 210                   |
| UNT_409     | 0.12                       | 180                  | 140                   | 250                   |
| UNT_409     | 0.29                       | 380                  | 280                   | 520                   |
| UNT_410     | 0.10                       | 190                  | 140                   | 260                   |
| UNT_410     | 0.34                       | 490                  | 360                   | 660                   |
| UNT_411     | 0.27                       | 430                  | 320                   | 590                   |
| UNT_411     | 0.41                       | 610                  | 450                   | 820                   |
| UNT_412     | 0.11                       | 220                  | 160                   | 290                   |
| UNT_412     | 0.16                       | 280                  | 210                   | 380                   |
| UNT_412     | 0.26                       | 380                  | 280                   | 510                   |
| UNT_412     | 0.57                       | 750                  | 550                   | 1,010                 |
| UNT_412     | 0.76                       | 830                  | 620                   | 1,130                 |
| UNT_413     | 0.09                       | 160                  | 120                   | 220                   |
| UNT_413     | 0.22                       | 350                  | 260                   | 470                   |
| UNT_414     | 0.98                       | 1,340                | 990                   | 1,810                 |
| UNT_414     | 1.37                       | 1,800                | 1,330                 | 2,430                 |
| UNT_414     | 1.39                       | 1,800                | 1,330                 | 2,430                 |
| UNT_414     | 1.59                       | 1,930                | 1,430                 | 2,610                 |
| UNT_414     | 1.67                       | 1,950                | 1,440                 | 2,640                 |
| UNT_414     | 2.03                       | 2,160                | 1,600                 | 2,930                 |
| UNT_414     | 2.90                       | 2,890                | 2,140                 | 3,910                 |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_414     | 3.34                       | 3,170                | 2,340                 | 4,280                 |
| UNT_414     | 4.29                       | 3,650                | 2,700                 | 4,930                 |
| UNT_414     | 4.41                       | 3,830                | 2,830                 | 5,180                 |
| UNT_414     | 7.46                       | 5,730                | 4,240                 | 7,750                 |
| UNT_414     | 7.52                       | 5,730                | 4,240                 | 7,750                 |
| UNT_414     | 9.25                       | 6,520                | 4,820                 | 8,820                 |
| UNT_414     | 9.55                       | 6,610                | 4,890                 | 8,950                 |
| UNT_414     | 9.71                       | 6,610                | 4,890                 | 8,950                 |
| UNT_414     | 9.80                       | 6,610                | 4,890                 | 8,950                 |
| UNT_414     | 9.93                       | 6,610                | 4,890                 | 8,950                 |
| UNT_414     | 0.90                       | 4,860                | 3,590                 | 6,570                 |
| UNT_414     | 1.31                       | 6,610                | 4,890                 | 8,950                 |
| UNT_414     | 11.31                      | 7,150                | 5,290                 | 9,670                 |
| UNT_414     | 11.33                      | 7,150                | 5,290                 | 9,670                 |
| UNT_415     | 0.13                       | 240                  | 170                   | 320                   |
| UNT_415     | 0.36                       | 520                  | 380                   | 700                   |
| UNT_415     | 0.37                       | 520                  | 390                   | 710                   |
| UNT_416     | 0.07                       | 140                  | 100                   | 180                   |
| UNT_416     | 1.47                       | 1,850                | 1,370                 | 2,500                 |
| UNT_417     | 0.10                       | 190                  | 140                   | 250                   |
| UNT_417     | 0.12                       | 210                  | 160                   | 280                   |
| UNT_417     | 0.64                       | 820                  | 610                   | 1,120                 |
| UNT_417     | 0.75                       | 940                  | 690                   | 1,270                 |
| UNT_417     | 0.81                       | 970                  | 720                   | 1,310                 |
| UNT_418     | 0.10                       | 190                  | 140                   | 250                   |
| UNT_418     | 0.21                       | 340                  | 250                   | 460                   |
| UNT_419     | 0.10                       | 200                  | 150                   | 270                   |
| UNT_420     | 0.10                       | 190                  | 140                   | 260                   |
| UNT_420     | 0.14                       | 250                  | 180                   | 340                   |
| UNT_421     | 0.40                       | 500                  | 370                   | 670                   |
| UNT_422     | 0.55                       | 630                  | 470                   | 850                   |
| UNT_423     | 1.00                       | 1,000                | 740                   | 1,360                 |
| UNT_424     | 0.78                       | 740                  | 550                   | 1,000                 |
| UNT_425     | 0.81                       | 850                  | 630                   | 1,140                 |
| UNT_426     | 0.30                       | 360                  | 270                   | 490                   |
| UNT_427     | 0.10                       | 190                  | 140                   | 260                   |
| UNT_427     | 0.12                       | 220                  | 160                   | 290                   |
| UNT_427     | 0.37                       | 510                  | 380                   | 690                   |
| UNT_427     | 0.58                       | 730                  | 540                   | 990                   |
| UNT_427     | 0.59                       | 750                  | 550                   | 1,010                 |
| UNT_427     | 0.68                       | 830                  | 620                   | 1,130                 |
| UNT_427     | 0.80                       | 910                  | 670                   | 1,220                 |
| UNT_428     | 0.10                       | 130                  | 95                    | 170                   |
| UNT_428     | 0.15                       | 200                  | 150                   | 270                   |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_429     | 0.07                       | 96                   | 71                    | 130                   |
| UNT_430     | 0.04                       | 52                   | 38                    | 70                    |
| UNT_430     | 0.10                       | 120                  | 91                    | 170                   |
| UNT_431     | 0.15                       | 180                  | 140                   | 250                   |
| UNT_431     | 0.21                       | 280                  | 200                   | 370                   |
| UNT_431     | 0.41                       | 540                  | 400                   | 730                   |
| UNT_432     | 0.21                       | 330                  | 240                   | 450                   |
| UNT_433     | 0.30                       | 350                  | 260                   | 470                   |
| UNT_433     | 0.37                       | 400                  | 290                   | 540                   |
| UNT_433     | 0.57                       | 570                  | 420                   | 770                   |
| UNT_433     | 0.90                       | 840                  | 620                   | 1,140                 |
| UNT_434     | 0.08                       | 120                  | 89                    | 160                   |
| UNT_435     | 0.10                       | 160                  | 120                   | 210                   |
| UNT_436     | 0.51                       | 600                  | 440                   | 810                   |
| UNT_437     | 0.30                       | 380                  | 280                   | 510                   |
| UNT_438     | 0.25                       | 350                  | 260                   | 470                   |
| UNT_439     | 0.26                       | 350                  | 260                   | 470                   |
| UNT_440     | 0.38                       | 470                  | 350                   | 640                   |
| UNT_441     | 0.34                       | 390                  | 280                   | 520                   |
| UNT_442     | 0.11                       | 170                  | 120                   | 230                   |
| UNT_442     | 0.12                       | 210                  | 150                   | 280                   |
| UNT_443     | 0.09                       | 150                  | 110                   | 200                   |
| UNT_443     | 0.16                       | 240                  | 180                   | 330                   |
| UNT_444     | 0.10                       | 160                  | 120                   | 210                   |
| UNT_445     | 0.69                       | 710                  | 520                   | 960                   |
| UNT_446     | 0.10                       | 180                  | 140                   | 250                   |
| UNT_446     | 0.14                       | 240                  | 180                   | 330                   |
| UNT_447     | 0.14                       | 240                  | 180                   | 320                   |
| UNT_447     | 0.26                       | 380                  | 280                   | 520                   |
| UNT_447     | 0.40                       | 550                  | 400                   | 740                   |
| UNT_448     | 0.09                       | 180                  | 130                   | 250                   |
| UNT_448     | 0.12                       | 220                  | 160                   | 300                   |
| UNT_448     | 0.19                       | 330                  | 240                   | 440                   |
| UNT_449     | 0.02                       | 40                   | 30                    | 54                    |
| UNT_449     | 0.06                       | 100                  | 76                    | 140                   |
| UNT_450     | 0.02                       | 48                   | 35                    | 65                    |
| UNT_450     | 0.05                       | 100                  | 74                    | 140                   |
| UNT_451     | 0.26                       | 410                  | 300                   | 550                   |
| UNT_451     | 0.42                       | 590                  | 440                   | 800                   |
| UNT_451     | 0.53                       | 660                  | 490                   | 900                   |
| UNT_451     | 0.63                       | 760                  | 560                   | 1,030                 |
| UNT_452     | 0.12                       | 160                  | 120                   | 220                   |
| UNT_452     | 0.19                       | 250                  | 180                   | 340                   |
| UNT_453     | 0.02                       | 34                   | 25                    | 46                    |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_453     | 0.34                       | 370                  | 280                   | 500                   |
| UNT_453     | 0.45                       | 450                  | 330                   | 610                   |
| UNT_453     | 0.45                       | 460                  | 340                   | 630                   |
| UNT_454     | 0.06                       | 40                   | 29                    | 54                    |
| UNT_454     | 0.10                       | 120                  | 86                    | 160                   |
| UNT_454     | 0.13                       | 160                  | 120                   | 210                   |
| UNT_455     | 0.06                       | 93                   | 69                    | 130                   |
| UNT_456     | 0.10                       | 170                  | 130                   | 230                   |
| UNT_456     | 0.18                       | 290                  | 220                   | 400                   |
| UNT_456     | 0.43                       | 570                  | 430                   | 780                   |
| UNT_456     | 0.78                       | 890                  | 660                   | 1,210                 |
| UNT_456     | 0.89                       | 960                  | 710                   | 1,300                 |
| UNT_457     | 0.22                       | 320                  | 240                   | 430                   |
| UNT_458     | 0.26                       | 370                  | 280                   | 500                   |
| UNT_459     | 0.31                       | 430                  | 320                   | 580                   |
| UNT_459     | 0.66                       | 780                  | 580                   | 1,060                 |
| UNT_459     | 0.92                       | 940                  | 700                   | 1,270                 |
| UNT_459     | 0.92                       | 960                  | 710                   | 1,290                 |
| UNT_460     | 0.10                       | 190                  | 140                   | 250                   |
| UNT_460     | 0.16                       | 280                  | 200                   | 370                   |
| UNT_461     | 0.17                       | 300                  | 220                   | 410                   |
| UNT_462     | 0.16                       | 250                  | 190                   | 340                   |
| UNT_462     | 0.25                       | 360                  | 270                   | 490                   |
| UNT_463     | 0.13                       | 190                  | 140                   | 260                   |
| UNT_463     | 0.14                       | 210                  | 150                   | 280                   |
| UNT_463     | 0.18                       | 250                  | 180                   | 330                   |
| UNT_464     | 0.64                       | 760                  | 560                   | 1,030                 |
| UNT_465     | 0.10                       | 170                  | 130                   | 230                   |
| UNT_466     | 1.24                       | 1,450                | 1,080                 | 1,970                 |
| UNT_467     | 1.25                       | 1,280                | 950                   | 1,730                 |
| UNT_467     | 1.33                       | 1,290                | 950                   | 1,740                 |
| UNT_467     | 1.45                       | 1,370                | 1,020                 | 1,860                 |
| UNT_467     | 1.48                       | 1,380                | 1,020                 | 1,870                 |
| UNT_467     | 1.52                       | 1,390                | 1,020                 | 1,870                 |
| UNT_468     | 1.04                       | 1,100                | 810                   | 1,490                 |
| UNT_468     | 1.59                       | 1,510                | 1,120                 | 2,040                 |
| UNT_468     | 1.64                       | 1,540                | 1,140                 | 2,080                 |
| UNT_468     | 1.78                       | 1,630                | 1,200                 | 2,200                 |
| UNT_468     | 2.54                       | 2,100                | 1,550                 | 2,840                 |
| UNT_468     | 2.59                       | 2,100                | 1,550                 | 2,840                 |
| UNT_468     | 4.26                       | 3,040                | 2,250                 | 4,110                 |
| UNT_469     | 0.80                       | 1,010                | 750                   | 1,370                 |
| UNT_469     | 1.77                       | 1,740                | 1,290                 | 2,350                 |
| UNT_470     | 2.80                       | 3,090                | 2,290                 | 4,180                 |



| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_470     | 0.10                       | 230                  | 170                   | 310                   |
| UNT_470     | 0.98                       | 1,590                | 1,170                 | 2,140                 |
| UNT_470     | 1.55                       | 1,980                | 1,470                 | 2,680                 |
| UNT_470     | 1.88                       | 2,190                | 1,620                 | 2,960                 |
| UNT_471     | 0.21                       | 310                  | 230                   | 420                   |
| UNT_471     | 1.10                       | 1,380                | 1,020                 | 1,870                 |
| UNT_471     | 1.51                       | 1,740                | 1,290                 | 2,360                 |
| UNT_471     | 1.61                       | 1,810                | 1,340                 | 2,450                 |
| UNT_471     | 2.31                       | 2,450                | 1,810                 | 3,310                 |
| UNT_471     | 2.89                       | 2,840                | 2,100                 | 3,830                 |
| UNT_471     | 2.99                       | 2,870                | 2,120                 | 3,890                 |
| UNT_472     | 0.21                       | 540                  | 400                   | 730                   |
| UNT_472     | 0.45                       | 880                  | 650                   | 1,190                 |
| UNT_472     | 1.24                       | 1,970                | 1,450                 | 2,660                 |
| UNT_472     | 1.70                       | 2,450                | 1,810                 | 3,320                 |
| UNT_472     | 1.94                       | 2,530                | 1,870                 | 3,420                 |
| UNT_472     | 13.28                      | 8,340                | 6,170                 | 11,280                |
| UNT_473     | 0.85                       | 850                  | 630                   | 1,150                 |
| UNT_473     | 1.08                       | 1,020                | 760                   | 1,380                 |
| UNT_473     | 1.39                       | 1,250                | 930                   | 1,690                 |
| UNT_474     | 1.10                       | 1,020                | 750                   | 1,380                 |
| UNT_475     | 0.10                       | 150                  | 110                   | 200                   |
| UNT_475     | 0.77                       | 910                  | 670                   | 1,230                 |
| UNT_475     | 1.40                       | 1,470                | 1,090                 | 1,990                 |
| UNT_475     | 1.82                       | 1,770                | 1,310                 | 2,390                 |
| UNT_476     | 0.71                       | 750                  | 560                   | 1,020                 |
| UNT_476     | 0.98                       | 1,000                | 740                   | 1,360                 |
| UNT_476     | 1.63                       | 1,500                | 1,110                 | 2,030                 |
| UNT_476     | 2.16                       | 1,860                | 1,380                 | 2,520                 |
| UNT_476     | 2.17                       | 1,880                | 1,390                 | 2,540                 |
| UNT_477     | 1.75                       | 1,710                | 1,260                 | 2,310                 |
| UNT_478     | 0.65                       | 750                  | 550                   | 1,010                 |
| UNT_478     | 0.95                       | 1,060                | 790                   | 1,440                 |
| UNT_478     | 1.65                       | 1,680                | 1,240                 | 2,270                 |
| UNT_478     | 1.76                       | 1,760                | 1,300                 | 2,380                 |
| UNT_479     | 1.09                       | 1,120                | 830                   | 1,520                 |
| UNT_479     | 1.74                       | 1,620                | 1,200                 | 2,190                 |
| UNT_479     | 1.77                       | 1,660                | 1,230                 | 2,240                 |
| UNT_480     | 1.01                       | 1,080                | 800                   | 1,460                 |
| UNT_480     | 1.74                       | 1,730                | 1,280                 | 2,340                 |
| UNT_480     | 1.92                       | 1,840                | 1,360                 | 2,490                 |
| UNT_480     | 2.08                       | 1,950                | 1,440                 | 2,630                 |
| UNT_481     | 0.81                       | 990                  | 730                   | 1,330                 |
| UNT_481     | 1.24                       | 1,340                | 990                   | 1,810                 |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_482     | 0.73                       | 830                  | 610                   | 1,120                 |
| UNT_482     | 0.81                       | 890                  | 660                   | 1,210                 |
| UNT_482     | 1.38                       | 1,360                | 1,000                 | 1,830                 |
| UNT_482     | 1.75                       | 1,650                | 1,220                 | 2,230                 |
| UNT_483     | 1.07                       | 1,230                | 910                   | 1,660                 |
| UNT_483     | 1.23                       | 1,370                | 1,010                 | 1,850                 |
| UNT_484     | 0.25                       | 360                  | 260                   | 480                   |
| UNT_484     | 0.76                       | 830                  | 610                   | 1,120                 |
| UNT_484     | 1.47                       | 1,490                | 1,100                 | 2,010                 |
| UNT_484     | 2.19                       | 2,010                | 1,490                 | 2,720                 |
| UNT_485     | 1.08                       | 950                  | 700                   | 1,280                 |
| UNT_485     | 1.11                       | 980                  | 720                   | 1,320                 |
| UNT_486     | 1.56                       | 1,690                | 1,250                 | 2,280                 |
| UNT_487     | 0.14                       | 210                  | 150                   | 280                   |
| UNT_487     | 0.79                       | 1,290                | 950                   | 1,740                 |
| UNT_487     | 1.42                       | 1,890                | 1,400                 | 2,560                 |
| UNT_487     | 2.27                       | 2,620                | 1,940                 | 3,540                 |
| UNT_487     | 3.55                       | 3,800                | 2,810                 | 5,150                 |
| UNT_487     | 3.84                       | 3,950                | 2,920                 | 5,340                 |
| UNT_487     | 3.93                       | 3,950                | 2,920                 | 5,340                 |
| UNT_487     | 4.77                       | 4,370                | 3,230                 | 5,910                 |
| UNT_488     | 1.06                       | 1,210                | 900                   | 1,640                 |
| UNT_488     | 1.46                       | 1,620                | 1,200                 | 2,190                 |
| UNT_489     | 1.97                       | 1,680                | 1,240                 | 2,270                 |
| UNT_489     | 3.55                       | 2,550                | 1,890                 | 3,450                 |
| UNT_489     | 1.43                       | 1,460                | 1,080                 | 1,980                 |
| UNT_489     | 1.73                       | 1,640                | 1,210                 | 2,210                 |
| UNT_490     | 0.76                       | 870                  | 650                   | 1,180                 |
| UNT_490     | 1.05                       | 1,140                | 840                   | 1,540                 |
| UNT_491     | 0.15                       | 230                  | 170                   | 320                   |
| UNT_491     | 0.59                       | 740                  | 550                   | 1,000                 |
| UNT_491     | 1.09                       | 1,200                | 890                   | 1,630                 |
| UNT_491     | 1.55                       | 1,560                | 1,160                 | 2,110                 |
| UNT_491     | 1.66                       | 1,610                | 1,190                 | 2,180                 |
| UNT_492     | 0.54                       | 630                  | 470                   | 850                   |
| UNT_492     | 1.07                       | 1,100                | 810                   | 1,490                 |
| UNT_493     | 0.77                       | 940                  | 700                   | 1,280                 |
| UNT_493     | 1.28                       | 1,430                | 1,060                 | 1,940                 |
| UNT_493     | 1.40                       | 1,480                | 1,100                 | 2,010                 |
| UNT_494     | 1.19                       | 1,470                | 1,080                 | 1,980                 |
| UNT_495     | 0.51                       | 700                  | 510                   | 940                   |
| UNT_495     | 1.06                       | 1,080                | 800                   | 1,460                 |
| UNT_496     | 0.71                       | 920                  | 680                   | 1,240                 |
| UNT_497     | 0.37                       | 540                  | 400                   | 730                   |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_497     | 0.48                       | 630                  | 460                   | 850                   |
| UNT_498     | 0.49                       | 710                  | 530                   | 970                   |
| UNT_498     | 0.65                       | 890                  | 660                   | 1,210                 |
| UNT_499     | 0.10                       | 160                  | 120                   | 220                   |
| UNT_499     | 0.72                       | 880                  | 650                   | 1,190                 |
| UNT_499     | 0.91                       | 1,040                | 770                   | 1,410                 |
| UNT_499     | 0.94                       | 1,090                | 810                   | 1,470                 |
| UNT_500     | 0.73                       | 840                  | 620                   | 1,130                 |
| UNT_500     | 0.96                       | 1,060                | 780                   | 1,430                 |
| UNT_501     | 0.16                       | 220                  | 160                   | 300                   |
| UNT_501     | 0.20                       | 260                  | 190                   | 350                   |
| UNT_502     | 0.35                       | 410                  | 310                   | 560                   |
| UNT_503     | 6.58                       | 1,210                | 890                   | 1,630                 |
| UNT_503     | 0.42                       | 530                  | 390                   | 720                   |
| UNT_503     | 1.17                       | 1,190                | 880                   | 1,620                 |
| UNT_503     | 1.18                       | 1,190                | 880                   | 1,620                 |
| UNT_668     | 0.20                       | 450                  | 340                   | 610                   |
| UNT_668     | 0.98                       | 1,390                | 1,030                 | 1,880                 |
| UNT_669     | 0.10                       | 150                  | 110                   | 210                   |
| UNT_669     | 0.47                       | 570                  | 420                   | 770                   |
| UNT_669     | 0.94                       | 1,020                | 750                   | 1,370                 |
| UNT_670     | 0.07                       | 120                  | 91                    | 170                   |
| UNT_670     | 0.19                       | 310                  | 230                   | 410                   |
| UNT_670     | 0.44                       | 650                  | 480                   | 880                   |
| UNT_671     | 0.21                       | 250                  | 190                   | 340                   |
| UNT_672     | 0.04                       | 70                   | 51                    | 94                    |
| UNT_672     | 0.12                       | 180                  | 130                   | 240                   |
| UNT_682     | 0.94                       | 1,100                | 820                   | 1,490                 |
| UNT_682     | 1.06                       | 1,230                | 910                   | 1,660                 |
| UNT_689     | 0.06                       | 110                  | 83                    | 150                   |
| UNT_689     | 0.15                       | 250                  | 190                   | 340                   |
| UNT_690     | 0.57                       | 580                  | 430                   | 790                   |
| UNT_690     | 0.79                       | 770                  | 570                   | 1,050                 |
| UNT_691     | 1.46                       | 1,540                | 1,140                 | 2,080                 |
| UNT_691     | 1.53                       | 1,540                | 1,140                 | 2,080                 |
| UNT_692     | 0.39                       | 620                  | 460                   | 840                   |
| UNT_693     | 0.10                       | 170                  | 130                   | 230                   |
| UNT_693     | 0.10                       | 170                  | 130                   | 230                   |
| UNT_694     | 0.15                       | 210                  | 150                   | 280                   |
| UNT_695     | 0.16                       | 230                  | 170                   | 310                   |
| UNT_696     | 0.09                       | 190                  | 140                   | 260                   |
| UNT_697     | 0.09                       | 170                  | 130                   | 230                   |
| UNT_698     | 0.10                       | 190                  | 140                   | 250                   |
| UNT_699     | 0.08                       | 120                  | 92                    | 170                   |

| Stream Name      | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                  |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_700          | 0.23                       | 290                  | 210                   | 390                   |
| Salado Creek     |                            |                      |                       |                       |
| Bone Hollow      | 0.09                       | 130                  | 99                    | 180                   |
| Bone Hollow      | 0.27                       | 380                  | 280                   | 510                   |
| Bone Hollow      | 0.58                       | 640                  | 480                   | 870                   |
| Bone Hollow      | 1.28                       | 1,250                | 920                   | 1,690                 |
| Bone Hollow      | 1.39                       | 1,290                | 950                   | 1,740                 |
| Bone Hollow      | 1.97                       | 1,780                | 1,310                 | 2,400                 |
| Bone Hollow      | 4.41                       | 3,520                | 2,600                 | 4,760                 |
| Buttermilk Creek | 0.54                       | 800                  | 590                   | 1,080                 |
| Buttermilk Creek | 1.37                       | 1,710                | 1,270                 | 2,320                 |
| Buttermilk Creek | 1.42                       | 1,730                | 1,280                 | 2,330                 |
| Buttermilk Creek | 1.56                       | 1,840                | 1,360                 | 2,480                 |
| Buttermilk Creek | 1.67                       | 1,940                | 1,440                 | 2,630                 |
| Buttermilk Creek | 1.69                       | 1,940                | 1,440                 | 2,630                 |
| Buttermilk Creek | 1.76                       | 1,950                | 1,450                 | 2,640                 |
| Buttermilk Creek | 2.63                       | 2,770                | 2,050                 | 3,750                 |
| Buttermilk Creek | 2.96                       | 3,000                | 2,220                 | 4,060                 |
| Buttermilk Creek | 3.10                       | 3,090                | 2,290                 | 4,180                 |
| Buttermilk Creek | 3.27                       | 3,190                | 2,360                 | 4,310                 |
| Buttermilk Creek | 3.68                       | 3,440                | 2,540                 | 4,650                 |
| Buttermilk Creek | 3.80                       | 3,490                | 2,580                 | 4,720                 |
| Buttermilk Creek | 3.99                       | 3,550                | 2,620                 | 4,800                 |
| Buttermilk Creek | 4.21                       | 3,660                | 2,710                 | 4,950                 |
| Buttermilk Creek | 4.91                       | 4,150                | 3,070                 | 5,610                 |
| Buttermilk Creek | 5.80                       | 4,690                | 3,470                 | 6,340                 |
| Buttermilk Creek | 6.21                       | 4,880                | 3,610                 | 6,600                 |
| Buttermilk Creek | 6.30                       | 4,890                | 3,620                 | 6,620                 |
| Buttermilk Creek | 6.33                       | 4,890                | 3,620                 | 6,620                 |
| Buttermilk Creek | 6.38                       | 4,890                | 3,620                 | 6,620                 |
| Buttermilk Creek | 13.40                      | 8,940                | 6,610                 | 12,090                |
| Buttermilk Creek | 14.21                      | 8,990                | 6,650                 | 12,160                |
| Buttermilk Creek | 14.76                      | 8,990                | 6,650                 | 12,160                |
| Buttermilk Creek | 15.29                      | 9,150                | 6,770                 | 12,380                |
| Buttermilk Creek | 15.55                      | 9,150                | 6,770                 | 12,380                |
| Buttermilk Creek | 15.87                      | 9,270                | 6,850                 | 12,530                |
| Campbell Branch  | 0.50                       | 490                  | 360                   | 660                   |
| Campbell Branch  | 0.67                       | 630                  | 470                   | 850                   |
| Campbell Branch  | 1.02                       | 950                  | 710                   | 1,290                 |
| Campbell Branch  | 1.29                       | 1,160                | 860                   | 1,570                 |
| Campbell Branch  | 1.72                       | 1,470                | 1,090                 | 1,990                 |
| Campbell Branch  | 2.00                       | 1,760                | 1,300                 | 2,380                 |
| Fisher Branch    | 0.11                       | 120                  | 87                    | 160                   |
| Fisher Branch    | 0.17                       | 190                  | 140                   | 260                   |

| Stream Name     | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-----------------|----------------------------|----------------------|-----------------------|-----------------------|
|                 |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Fisher Branch   | 0.40                       | 370                  | 270                   | 500                   |
| Fisher Branch   | 0.42                       | 380                  | 280                   | 510                   |
| Fisher Branch   | 0.89                       | 730                  | 540                   | 980                   |
| Fisher Branch   | 1.17                       | 930                  | 690                   | 1,260                 |
| Holland Branch  | 0.34                       | 450                  | 330                   | 610                   |
| Holland Branch  | 0.53                       | 650                  | 480                   | 880                   |
| Holland Branch  | 1.52                       | 1,510                | 1,110                 | 2,040                 |
| Holland Branch  | 1.63                       | 1,580                | 1,170                 | 2,140                 |
| Holland Branch  | 2.13                       | 1,930                | 1,430                 | 2,620                 |
| Holland Branch  | 2.77                       | 2,420                | 1,790                 | 3,270                 |
| Holland Branch  | 3.17                       | 2,590                | 1,920                 | 3,510                 |
| Holland Branch  | 3.19                       | 2,610                | 1,930                 | 3,540                 |
| Holland Branch  | 3.80                       | 2,990                | 2,210                 | 4,040                 |
| Holland Branch  | 4.13                       | 3,180                | 2,350                 | 4,300                 |
| Moon Branch     | 0.42                       | 460                  | 340                   | 630                   |
| Moon Branch     | 0.86                       | 870                  | 650                   | 1,180                 |
| Moon Branch     | 1.29                       | 1,180                | 870                   | 1,590                 |
| Moon Branch     | 1.33                       | 1,250                | 920                   | 1,690                 |
| Moon Branch     | 2.00                       | 1,750                | 1,300                 | 2,370                 |
| Moon Branch     | 2.18                       | 1,880                | 1,390                 | 2,540                 |
| Moon Branch     | 3.08                       | 2,520                | 1,870                 | 3,410                 |
| Moon Branch     | 3.17                       | 2,570                | 1,900                 | 3,480                 |
| Moon Branch     | 3.31                       | 2,640                | 1,950                 | 3,570                 |
| Moon Branch     | 4.23                       | 3,210                | 2,370                 | 4,340                 |
| Moon Branch     | 4.35                       | 3,280                | 2,430                 | 4,440                 |
| Moon Branch     | 4.41                       | 3,290                | 2,440                 | 4,450                 |
| Moon Branch     | 4.44                       | 3,310                | 2,450                 | 4,480                 |
| Moon Branch     | 4.83                       | 3,500                | 2,580                 | 4,730                 |
| Moon Branch     | 5.10                       | 3,620                | 2,670                 | 4,890                 |
| Mustang Creek 1 | 0.45                       | 560                  | 420                   | 760                   |
| Mustang Creek 1 | 0.49                       | 600                  | 440                   | 810                   |
| Mustang Creek 1 | 0.65                       | 740                  | 540                   | 990                   |
| Mustang Creek 1 | 2.78                       | 2,510                | 1,860                 | 3,390                 |
| Mustang Creek 1 | 3.48                       | 2,940                | 2,170                 | 3,980                 |
| Mustang Creek 1 | 4.33                       | 3,460                | 2,560                 | 4,680                 |
| Mustang Creek 1 | 4.56                       | 3,570                | 2,640                 | 4,830                 |
| Mustang Creek 1 | 5.18                       | 3,910                | 2,890                 | 5,280                 |
| Mustang Creek 1 | 5.37                       | 3,970                | 2,930                 | 5,360                 |
| Mustang Creek 1 | 5.57                       | 4,090                | 3,020                 | 5,530                 |
| Mustang Creek 1 | 5.67                       | 4,090                | 3,020                 | 5,530                 |
| Mustang Creek 1 | 6.14                       | 4,270                | 3,160                 | 5,780                 |
| Mustang Creek 1 | 9.04                       | 5,890                | 4,350                 | 7,960                 |
| Mustang Creek 1 | 9.30                       | 5,980                | 4,420                 | 8,090                 |
| Mustang Creek 1 | 9.46                       | 6,040                | 4,460                 | 8,160                 |

| Stream Name          | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|----------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                      |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Mustang Creek 1      | 10.56                      | 6,530                | 4,830                 | 8,830                 |
| North Rumsey Creek   | 0.84                       | 960                  | 710                   | 1,290                 |
| North Rumsey Creek   | 1.48                       | 1,530                | 1,130                 | 2,060                 |
| North Rumsey Creek   | 2.38                       | 2,190                | 1,620                 | 2,960                 |
| North Rumsey Creek   | 2.44                       | 2,240                | 1,650                 | 3,030                 |
| North Salado Creek   | 0.26                       | 320                  | 230                   | 430                   |
| North Salado Creek   | 0.76                       | 720                  | 530                   | 970                   |
| North Salado Creek   | 0.81                       | 760                  | 560                   | 1,030                 |
| North Salado Creek   | 1.63                       | 1,360                | 1,000                 | 1,830                 |
| North Salado Creek   | 1.97                       | 1,630                | 1,200                 | 2,200                 |
| North Salado Creek   | 2.03                       | 1,640                | 1,210                 | 2,220                 |
| North Salado Creek   | 2.47                       | 1,920                | 1,420                 | 2,600                 |
| North Salado Creek   | 2.60                       | 1,920                | 1,420                 | 2,600                 |
| North Salado Creek   | 2.84                       | 2,070                | 1,530                 | 2,800                 |
| North Salado Creek   | 9.24                       | 5,060                | 3,740                 | 6,840                 |
| North Salado Creek   | 9.29                       | 5,100                | 3,770                 | 6,890                 |
| North Salado Creek   | 9.41                       | 5,100                | 3,770                 | 6,890                 |
| North Salado Creek   | 14.43                      | 6,960                | 5,140                 | 9,410                 |
| North Salado Creek   | 14.89                      | 6,960                | 5,140                 | 9,410                 |
| North Salado Creek   | 17.34                      | 7,780                | 5,750                 | 10,530                |
| North Salado Creek   | 17.52                      | 7,790                | 5,760                 | 10,540                |
| North Salado Creek   | 38.10                      | 12,400               | 9,170                 | 16,760                |
| Pecan Springs Branch | 0.33                       | 490                  | 360                   | 660                   |
| Pecan Springs Branch | 0.84                       | 1,060                | 780                   | 1,430                 |
| Pecan Springs Branch | 1.08                       | 1,280                | 950                   | 1,740                 |
| Pecan Springs Branch | 1.09                       | 1,290                | 950                   | 1,740                 |
| Pecan Springs Branch | 1.56                       | 1,680                | 1,250                 | 2,280                 |
| Pecan Springs Branch | 2.14                       | 2,170                | 1,600                 | 2,930                 |
| Pecan Springs Branch | 2.49                       | 2,250                | 1,670                 | 3,050                 |
| Pecan Springs Branch | 2.53                       | 2,390                | 1,770                 | 3,240                 |
| Pecan Springs Branch | 2.61                       | 2,440                | 1,800                 | 3,290                 |
| Pecan Springs Branch | 3.37                       | 2,910                | 2,150                 | 3,940                 |
| Pecan Springs Branch | 3.65                       | 3,170                | 2,350                 | 4,290                 |
| Rumsey Creek         | 5.09                       | 4,210                | 3,110                 | 5,690                 |
| Rumsey Creek         | 5.90                       | 4,670                | 3,450                 | 6,320                 |
| Rumsey Creek         | 6.76                       | 5,170                | 3,830                 | 7,000                 |
| Rumsey Creek         | 7.23                       | 5,360                | 3,970                 | 7,260                 |
| Rumsey Creek         | 7.75                       | 5,620                | 4,160                 | 7,600                 |
| Rumsey Creek         | 7.87                       | 5,620                | 4,160                 | 7,600                 |
| Rumsey Creek         | 8.08                       | 5,780                | 4,280                 | 7,820                 |
| Salado Creek         | 39.08                      | 12,510               | 9,250                 | 16,920                |
| Salado Creek         | 39.24                      | 12,510               | 9,250                 | 16,920                |
| Salado Creek         | 42.04                      | 13,170               | 9,740                 | 17,810                |
| Salado Creek         | 42.85                      | 13,280               | 9,820                 | 17,960                |

| Stream Name  | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|--------------|----------------------------|----------------------|-----------------------|-----------------------|
|              |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Salado Creek | 43.58                      | 13,520               | 9,990                 | 18,280                |
| Salado Creek | 44.11                      | 13,520               | 9,990                 | 18,280                |
| Salado Creek | 44.93                      | 13,700               | 10,130                | 18,530                |
| Salado Creek | 46.56                      | 14,070               | 10,400                | 19,030                |
| Salado Creek | 46.65                      | 14,070               | 10,400                | 19,030                |
| Salado Creek | 46.67                      | 14,080               | 10,410                | 19,040                |
| Salado Creek | 49.11                      | 14,680               | 10,850                | 19,850                |
| Salado Creek | 51.07                      | 15,070               | 11,140                | 20,370                |
| Salado Creek | 53.42                      | 15,550               | 11,500                | 21,030                |
| Salado Creek | 53.51                      | 15,820               | 11,700                | 21,400                |
| Salado Creek | 53.72                      | 15,820               | 11,700                | 21,400                |
| Salado Creek | 57.84                      | 16,640               | 12,310                | 22,510                |
| Salado Creek | 57.85                      | 16,640               | 12,310                | 22,510                |
| Salado Creek | 58.70                      | 16,780               | 12,410                | 22,700                |
| Salado Creek | 60.85                      | 17,150               | 12,680                | 23,190                |
| Salado Creek | 61.36                      | 17,230               | 12,740                | 23,300                |
| Salado Creek | 65.85                      | 18,310               | 13,540                | 24,760                |
| Salado Creek | 66.68                      | 18,440               | 13,640                | 24,940                |
| Salado Creek | 67.32                      | 18,560               | 13,730                | 25,110                |
| Salado Creek | 68.01                      | 18,640               | 13,780                | 25,210                |
| Salado Creek | 68.71                      | 18,710               | 13,830                | 25,300                |
| Salado Creek | 69.03                      | 18,710               | 13,830                | 25,300                |
| Salado Creek | 69.06                      | 18,710               | 13,830                | 25,300                |
| Salado Creek | 77.68                      | 20,290               | 15,000                | 27,430                |
| Salado Creek | 83.82                      | 21,500               | 15,900                | 29,070                |
| Salado Creek | 83.85                      | 21,510               | 15,900                | 29,090                |
| Salado Creek | 99.90                      | 24,410               | 18,050                | 33,020                |
| Salado Creek | 100.20                     | 24,440               | 18,070                | 33,050                |
| Salado Creek | 100.26                     | 24,440               | 18,070                | 33,050                |
| Salado Creek | 100.90                     | 24,460               | 18,090                | 33,090                |
| Salado Creek | 101.29                     | 24,470               | 18,100                | 33,100                |
| Salado Creek | 102.11                     | 24,540               | 18,150                | 33,190                |
| Salado Creek | 113.20                     | 26,310               | 19,460                | 35,580                |
| Salado Creek | 113.48                     | 26,380               | 19,510                | 35,680                |
| Salado Creek | 114.89                     | 26,380               | 19,510                | 35,680                |
| Salado Creek | 120.19                     | 27,200               | 20,110                | 36,780                |
| Salado Creek | 131.12                     | 28,890               | 21,360                | 39,070                |
| Salado Creek | 131.55                     | 28,980               | 21,430                | 39,190                |
| Salado Creek | 131.66                     | 29,020               | 21,460                | 39,240                |
| Salado Creek | 135.08                     | 29,510               | 21,820                | 39,910                |
| Salado Creek | 135.35                     | 29,550               | 21,850                | 39,960                |
| Salado Creek | 135.38                     | 29,580               | 21,870                | 40,000                |
| Salado Creek | 135.75                     | 29,630               | 21,910                | 40,070                |
| Salado Creek | 135.91                     | 29,630               | 21,910                | 40,070                |

| Stream Name              | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|--------------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                          |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Salado Creek             | 138.07                     | 29,700               | 21,960                | 40,170                |
| Salado Creek             | 138.29                     | 29,810               | 22,040                | 40,310                |
| Salado Creek             | 138.91                     | 29,930               | 22,130                | 40,480                |
| Salado Creek             | 138.93                     | 29,950               | 22,150                | 40,510                |
| Salado Creek             | 138.94                     | 29,950               | 22,150                | 40,510                |
| Salado Creek             | 143.87                     | 30,650               | 22,670                | 41,450                |
| Salado Creek             | 143.94                     | 30,720               | 22,720                | 41,550                |
| Salado Creek             | 143.99                     | 30,720               | 22,720                | 41,550                |
| Salado Creek             | 144.07                     | 30,730               | 22,730                | 41,560                |
| Salado Creek             | 144.16                     | 30,800               | 22,770                | 41,650                |
| Salado Creek             | 151.90                     | 32,000               | 23,660                | 43,270                |
| Salado Creek             | 152.11                     | 32,010               | 23,670                | 43,290                |
| Salado Creek             | 152.51                     | 32,010               | 23,670                | 43,290                |
| Salado Creek             | 153.11                     | 32,120               | 23,750                | 43,440                |
| Salado Creek             | 153.26                     | 32,120               | 23,750                | 43,440                |
| Salado Creek             | 157.65                     | 32,780               | 24,240                | 44,330                |
| Salado Creek             | 158.93                     | 32,980               | 24,390                | 44,610                |
| Salado Creek             | 160.91                     | 33,160               | 24,520                | 44,850                |
| Salado Creek             | 161.38                     | 33,160               | 24,520                | 44,850                |
| Salado Creek             | 161.44                     | 33,160               | 24,520                | 44,850                |
| Salado Creek             | 163.58                     | 33,160               | 24,520                | 44,850                |
| Salado Creek             | 165.83                     | 33,640               | 24,870                | 45,490                |
| Salado Creek             | 166.67                     | 33,790               | 24,990                | 45,700                |
| Salado Creek             | 167.12                     | 33,790               | 24,990                | 45,700                |
| Salado Creek             | 172.77                     | 34,280               | 25,350                | 46,360                |
| Salado Creek Tributary 1 | 0.52                       | 590                  | 440                   | 800                   |
| Salado Creek Tributary 1 | 0.66                       | 740                  | 540                   | 1,000                 |
| Salado Creek Tributary 1 | 0.93                       | 940                  | 700                   | 1,280                 |
| Salado Creek Tributary 1 | 1.12                       | 1,110                | 820                   | 1,500                 |
| Salado Creek Tributary 1 | 3.89                       | 2,800                | 2,070                 | 3,790                 |
| Salado Creek Tributary 1 | 4.41                       | 3,070                | 2,270                 | 4,150                 |
| Salado Creek Tributary 1 | 4.45                       | 3,080                | 2,280                 | 4,160                 |
| Salado Creek Tributary 1 | 4.53                       | 3,120                | 2,310                 | 4,230                 |
| Salado Creek Tributary 1 | 4.54                       | 3,140                | 2,320                 | 4,250                 |
| Salado Creek Tributary 1 | 4.93                       | 3,400                | 2,510                 | 4,600                 |
| Salado Creek Tributary 3 | 0.28                       | 300                  | 220                   | 410                   |
| Salado Creek Tributary 3 | 0.29                       | 310                  | 230                   | 420                   |
| Salado Creek Tributary 3 | 0.46                       | 480                  | 350                   | 650                   |
| Salado Creek Tributary 3 | 0.50                       | 500                  | 370                   | 680                   |
| Salado Creek Tributary 3 | 0.57                       | 560                  | 410                   | 750                   |
| Salado Creek Tributary 3 | 0.57                       | 560                  | 410                   | 750                   |
| Salado Creek Tributary 3 | 0.59                       | 580                  | 430                   | 780                   |
| Salado Creek Tributary 3 | 0.59                       | 590                  | 440                   | 800                   |
| Salado Creek Tributary 4 | 0.64                       | 730                  | 540                   | 990                   |



| Stream Name              | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|--------------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                          |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Salado Creek Tributary 4 | 0.75                       | 840                  | 620                   | 1,130                 |
| Salado Creek Tributary 4 | 0.98                       | 1,070                | 790                   | 1,440                 |
| Salado Creek Tributary 4 | 1.48                       | 1,530                | 1,130                 | 2,070                 |
| Salado Creek Tributary 4 | 1.80                       | 1,730                | 1,280                 | 2,340                 |
| Salado Creek Tributary 4 | 2.01                       | 1,820                | 1,350                 | 2,460                 |
| Salado Creek Tributary 4 | 2.08                       | 1,890                | 1,400                 | 2,560                 |
| Salado Creek Tributary 4 | 2.14                       | 1,890                | 1,400                 | 2,560                 |
| Salado Creek Tributary 4 | 2.47                       | 2,120                | 1,570                 | 2,870                 |
| Salado Creek Tributary 4 | 2.55                       | 2,160                | 1,600                 | 2,920                 |
| Salado Creek Tributary 4 | 2.64                       | 2,210                | 1,640                 | 2,990                 |
| Salado Creek Tributary 4 | 2.99                       | 2,400                | 1,770                 | 3,240                 |
| Salado Creek Tributary 4 | 3.27                       | 2,440                | 1,810                 | 3,300                 |
| Salado Creek Tributary 4 | 3.35                       | 2,690                | 1,990                 | 3,640                 |
| Schoolhouse Hollow       | 0.43                       | 470                  | 340                   | 630                   |
| Schoolhouse Hollow       | 0.96                       | 940                  | 690                   | 1,270                 |
| Schoolhouse Hollow       | 1.48                       | 1,360                | 1,000                 | 1,830                 |
| Schoolhouse Hollow       | 1.72                       | 1,520                | 1,120                 | 2,060                 |
| Schoolhouse Hollow       | 2.07                       | 1,770                | 1,310                 | 2,390                 |
| Schoolhouse Hollow       | 2.33                       | 1,910                | 1,420                 | 2,590                 |
| Schoolhouse Hollow       | 2.38                       | 1,940                | 1,430                 | 2,620                 |
| Schoolhouse Hollow       | 2.71                       | 2,170                | 1,600                 | 2,930                 |
| Schoolhouse Hollow       | 2.73                       | 2,170                | 1,600                 | 2,930                 |
| Schoolhouse Hollow       | 3.26                       | 2,520                | 1,860                 | 3,400                 |
| Smith Branch             | 0.11                       | 130                  | 99                    | 180                   |
| Smith Branch             | 0.28                       | 320                  | 240                   | 440                   |
| Smith Branch             | 0.89                       | 870                  | 640                   | 1,180                 |
| Smith Branch             | 1.21                       | 1,110                | 820                   | 1,500                 |
| Smith Branch             | 1.23                       | 1,130                | 840                   | 1,530                 |
| Smith Branch             | 1.27                       | 1,150                | 850                   | 1,560                 |
| Smith Branch             | 1.55                       | 1,390                | 1,020                 | 1,870                 |
| Smith Branch             | 1.97                       | 1,640                | 1,220                 | 2,220                 |
| Smith Branch             | 2.32                       | 1,860                | 1,380                 | 2,520                 |
| Smith Branch             | 2.72                       | 2,140                | 1,580                 | 2,890                 |
| Smith Branch             | 2.96                       | 2,290                | 1,690                 | 3,100                 |
| Smith Branch             | 4.57                       | 3,300                | 2,440                 | 4,470                 |
| Smith Branch             | 5.09                       | 3,580                | 2,640                 | 4,840                 |
| Smith Branch             | 5.40                       | 3,700                | 2,730                 | 5,000                 |
| Smith Branch             | 6.50                       | 4,250                | 3,140                 | 5,740                 |
| Smith Branch             | 6.54                       | 4,290                | 3,170                 | 5,810                 |
| Smith Branch             | 6.61                       | 4,320                | 3,200                 | 5,850                 |
| Smith Branch             | 6.65                       | 4,320                | 3,200                 | 5,850                 |
| Smith Branch             | 6.69                       | 4,320                | 3,200                 | 5,850                 |
| South Rumsey Creek       | 0.85                       | 970                  | 710                   | 1,310                 |
| South Rumsey Creek       | 1.66                       | 1,740                | 1,290                 | 2,360                 |

| Stream Name        | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|--------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                    |                            | (cfs)                | (cfs)                 | (cfs)                 |
| South Rumsey Creek | 1.94                       | 1,930                | 1,430                 | 2,620                 |
| South Rumsey Creek | 2.41                       | 2,280                | 1,690                 | 3,090                 |
| South Salado Creek | 0.97                       | 750                  | 560                   | 1,020                 |
| South Salado Creek | 1.81                       | 1,220                | 910                   | 1,660                 |
| South Salado Creek | 3.29                       | 2,000                | 1,480                 | 2,710                 |
| South Salado Creek | 3.41                       | 2,050                | 1,520                 | 2,780                 |
| South Salado Creek | 3.54                       | 2,090                | 1,550                 | 2,830                 |
| South Salado Creek | 5.23                       | 2,870                | 2,120                 | 3,890                 |
| South Salado Creek | 5.41                       | 2,940                | 2,170                 | 3,970                 |
| South Salado Creek | 6.03                       | 3,180                | 2,350                 | 4,310                 |
| South Salado Creek | 6.21                       | 3,260                | 2,410                 | 4,410                 |
| South Salado Creek | 6.35                       | 3,320                | 2,450                 | 4,490                 |
| South Salado Creek | 6.49                       | 3,400                | 2,510                 | 4,590                 |
| South Salado Creek | 6.52                       | 3,400                | 2,510                 | 4,590                 |
| South Salado Creek | 6.53                       | 3,400                | 2,510                 | 4,590                 |
| South Salado Creek | 7.77                       | 3,830                | 2,830                 | 5,170                 |
| South Salado Creek | 8.69                       | 4,160                | 3,080                 | 5,630                 |
| South Salado Creek | 9.60                       | 4,440                | 3,280                 | 6,000                 |
| South Salado Creek | 9.69                       | 4,480                | 3,310                 | 6,060                 |
| South Salado Creek | 12.11                      | 5,300                | 3,920                 | 7,170                 |
| South Salado Creek | 13.00                      | 5,570                | 4,120                 | 7,540                 |
| South Salado Creek | 13.28                      | 5,610                | 4,150                 | 7,590                 |
| South Salado Creek | 13.98                      | 5,850                | 4,320                 | 7,910                 |
| South Salado Creek | 16.15                      | 6,530                | 4,830                 | 8,840                 |
| South Salado Creek | 16.16                      | 6,530                | 4,830                 | 8,840                 |
| South Salado Creek | 16.53                      | 6,610                | 4,890                 | 8,940                 |
| South Salado Creek | 18.14                      | 7,100                | 5,250                 | 9,610                 |
| South Salado Creek | 18.93                      | 7,310                | 5,410                 | 9,890                 |
| South Salado Creek | 18.95                      | 7,310                | 5,410                 | 9,890                 |
| South Salado Creek | 20.48                      | 7,720                | 5,710                 | 10,440                |
| South Salado Creek | 20.58                      | 7,720                | 5,710                 | 10,440                |
| South Salado Creek | 20.58                      | 7,720                | 5,710                 | 10,440                |
| UNT_001            | 0.87                       | 960                  | 710                   | 1,300                 |
| UNT_001            | 1.70                       | 1,690                | 1,250                 | 2,280                 |
| UNT_001            | 1.84                       | 1,820                | 1,350                 | 2,460                 |
| UNT_001            | 2.43                       | 2,230                | 1,650                 | 3,020                 |
| UNT_002            | 0.26                       | 420                  | 310                   | 570                   |
| UNT_002            | 0.98                       | 1,210                | 900                   | 1,640                 |
| UNT_002            | 1.57                       | 1,830                | 1,350                 | 2,470                 |
| UNT_002            | 1.80                       | 1,980                | 1,460                 | 2,680                 |
| UNT_002            | 2.54                       | 2,570                | 1,900                 | 3,480                 |
| UNT_002            | 3.17                       | 3,030                | 2,240                 | 4,100                 |
| UNT_002            | 6.29                       | 5,150                | 3,810                 | 6,970                 |
| UNT_002            | 6.59                       | 5,200                | 3,850                 | 7,040                 |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_002     | 13.40                      | 8,940                | 6,610                 | 12,090                |
| UNT_003     | 0.43                       | 500                  | 370                   | 680                   |
| UNT_003     | 0.96                       | 990                  | 730                   | 1,340                 |
| UNT_003     | 1.34                       | 1,320                | 970                   | 1,780                 |
| UNT_003     | 1.35                       | 1,320                | 970                   | 1,780                 |
| UNT_003     | 2.68                       | 2,400                | 1,770                 | 3,240                 |
| UNT_003     | 2.80                       | 2,400                | 1,770                 | 3,240                 |
| UNT_003     | 3.15                       | 2,520                | 1,870                 | 3,410                 |
| UNT_003     | 3.18                       | 2,520                | 1,870                 | 3,410                 |
| UNT_003     | 3.46                       | 2,670                | 1,970                 | 3,610                 |
| UNT_003     | 3.65                       | 2,760                | 2,040                 | 3,740                 |
| UNT_003     | 5.60                       | 3,990                | 2,950                 | 5,390                 |
| UNT_003     | 5.77                       | 4,060                | 3,000                 | 5,490                 |
| UNT_004     | 0.10                       | 110                  | 81                    | 150                   |
| UNT_004     | 0.50                       | 480                  | 350                   | 640                   |
| UNT_004     | 0.83                       | 740                  | 550                   | 1,000                 |
| UNT_004     | 1.20                       | 1,030                | 760                   | 1,400                 |
| UNT_004     | 1.28                       | 1,120                | 830                   | 1,510                 |
| UNT_005     | 1.18                       | 900                  | 660                   | 1,210                 |
| UNT_005     | 1.69                       | 1,210                | 900                   | 1,640                 |
| UNT_005     | 1.86                       | 1,250                | 930                   | 1,690                 |
| UNT_005     | 1.89                       | 1,330                | 990                   | 1,800                 |
| UNT_006     | 0.29                       | 410                  | 310                   | 560                   |
| UNT_006     | 1.26                       | 1,080                | 800                   | 1,460                 |
| UNT_006     | 1.47                       | 1,200                | 890                   | 1,620                 |
| UNT_006     | 1.52                       | 1,240                | 910                   | 1,670                 |
| UNT_006     | 2.26                       | 1,660                | 1,230                 | 2,250                 |
| UNT_006     | 3.50                       | 2,360                | 1,750                 | 3,200                 |
| UNT_006     | 3.78                       | 2,520                | 1,860                 | 3,400                 |
| UNT_006     | 6.01                       | 3,640                | 2,690                 | 4,930                 |
| UNT_006     | 6.22                       | 3,690                | 2,730                 | 4,990                 |
| UNT_006     | 6.25                       | 3,720                | 2,750                 | 5,020                 |
| UNT_007     | 0.92                       | 1,030                | 760                   | 1,400                 |
| UNT_007     | 1.33                       | 1,390                | 1,020                 | 1,870                 |
| UNT_007     | 1.91                       | 1,790                | 1,320                 | 2,420                 |
| UNT_007     | 2.02                       | 1,880                | 1,390                 | 2,540                 |
| UNT_008     | 1.24                       | 910                  | 670                   | 1,230                 |
| UNT_009     | 1.14                       | 890                  | 650                   | 1,200                 |
| UNT_010     | 0.13                       | 150                  | 110                   | 200                   |
| UNT_010     | 0.51                       | 590                  | 430                   | 790                   |
| UNT_010     | 0.87                       | 920                  | 680                   | 1,240                 |
| UNT_010     | 1.23                       | 1,220                | 900                   | 1,650                 |
| UNT_010     | 1.38                       | 1,310                | 970                   | 1,770                 |
| UNT_010     | 1.48                       | 1,420                | 1,050                 | 1,920                 |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_010     | 1.99                       | 1,730                | 1,280                 | 2,330                 |
| UNT_010     | 2.21                       | 1,890                | 1,400                 | 2,550                 |
| UNT_011     | 1.50                       | 1,520                | 1,130                 | 2,060                 |
| UNT_012     | 0.78                       | 840                  | 620                   | 1,140                 |
| UNT_012     | 1.08                       | 1,030                | 760                   | 1,390                 |
| UNT_012     | 1.76                       | 1,600                | 1,180                 | 2,160                 |
| UNT_012     | 1.90                       | 1,690                | 1,250                 | 2,290                 |
| UNT_012     | 1.93                       | 1,690                | 1,250                 | 2,290                 |
| UNT_012     | 2.26                       | 1,920                | 1,420                 | 2,590                 |
| UNT_012     | 2.34                       | 2,000                | 1,480                 | 2,700                 |
| UNT_013     | 0.56                       | 530                  | 390                   | 720                   |
| UNT_013     | 0.82                       | 680                  | 500                   | 920                   |
| UNT_013     | 1.10                       | 930                  | 690                   | 1,260                 |
| UNT_014     | 1.24                       | 1,430                | 1,060                 | 1,930                 |
| UNT_014     | 1.40                       | 1,460                | 1,080                 | 1,970                 |
| UNT_014     | 2.76                       | 2,720                | 2,010                 | 3,670                 |
| UNT_015     | 0.16                       | 200                  | 150                   | 270                   |
| UNT_015     | 0.29                       | 350                  | 260                   | 470                   |
| UNT_015     | 0.52                       | 620                  | 460                   | 840                   |
| UNT_015     | 1.54                       | 1,670                | 1,240                 | 2,260                 |
| UNT_015     | 1.79                       | 1,740                | 1,290                 | 2,350                 |
| UNT_015     | 2.25                       | 2,050                | 1,520                 | 2,770                 |
| UNT_015     | 2.39                       | 2,140                | 1,580                 | 2,890                 |
| UNT_016     | 1.04                       | 1,060                | 780                   | 1,430                 |
| UNT_016     | 1.20                       | 1,160                | 860                   | 1,570                 |
| UNT_016     | 1.43                       | 1,350                | 1,000                 | 1,820                 |
| UNT_017     | 0.41                       | 360                  | 270                   | 490                   |
| UNT_017     | 1.02                       | 1,030                | 760                   | 1,400                 |
| UNT_017     | 1.23                       | 1,140                | 850                   | 1,550                 |
| UNT_018     | 0.62                       | 570                  | 420                   | 780                   |
| UNT_019     | 0.80                       | 960                  | 710                   | 1,300                 |
| UNT_019     | 1.28                       | 1,510                | 1,110                 | 2,040                 |
| UNT_020     | 0.71                       | 910                  | 670                   | 1,230                 |
| UNT_020     | 1.35                       | 1,480                | 1,100                 | 2,010                 |
| UNT_021     | 0.44                       | 640                  | 470                   | 860                   |
| UNT_021     | 0.92                       | 1,100                | 810                   | 1,490                 |
| UNT_022     | 0.95                       | 830                  | 610                   | 1,120                 |
| UNT_023     | 0.10                       | 110                  | 80                    | 150                   |
| UNT_023     | 0.14                       | 150                  | 110                   | 210                   |
| UNT_024     | 0.48                       | 640                  | 470                   | 860                   |
| UNT_025     | 0.70                       | 840                  | 620                   | 1,140                 |
| UNT_026     | 0.26                       | 280                  | 210                   | 380                   |
| UNT_026     | 0.28                       | 290                  | 210                   | 390                   |
| UNT_027     | 0.10                       | 130                  | 96                    | 180                   |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_027     | 0.12                       | 160                  | 120                   | 220                   |
| UNT_027     | 0.14                       | 190                  | 140                   | 250                   |
| UNT_028     | 0.10                       | 130                  | 97                    | 180                   |
| UNT_028     | 0.32                       | 350                  | 260                   | 480                   |
| UNT_029     | 0.49                       | 610                  | 450                   | 820                   |
| UNT_030     | 0.26                       | 380                  | 280                   | 520                   |
| UNT_030     | 0.34                       | 450                  | 340                   | 610                   |
| UNT_031     | 0.33                       | 470                  | 350                   | 640                   |
| UNT_032     | 0.28                       | 380                  | 280                   | 520                   |
| UNT_032     | 0.30                       | 390                  | 290                   | 530                   |
| UNT_032     | 0.36                       | 450                  | 330                   | 600                   |
| UNT_032     | 0.38                       | 450                  | 330                   | 610                   |
| UNT_032     | 0.77                       | 780                  | 580                   | 1,050                 |
| UNT_033     | 0.21                       | 210                  | 160                   | 290                   |
| UNT_033     | 0.30                       | 290                  | 210                   | 390                   |
| UNT_034     | 0.62                       | 730                  | 540                   | 990                   |
| UNT_035     | 0.23                       | 230                  | 170                   | 310                   |
| UNT_035     | 2.25                       | 2,050                | 1,520                 | 2,770                 |
| UNT_036     | 0.63                       | 700                  | 520                   | 950                   |
| UNT_036     | 0.64                       | 700                  | 520                   | 950                   |
| UNT_037     | 0.27                       | 410                  | 300                   | 550                   |
| UNT_037     | 0.57                       | 770                  | 570                   | 1,040                 |
| UNT_037     | 0.62                       | 810                  | 600                   | 1,100                 |
| UNT_037     | 0.91                       | 1,060                | 780                   | 1,430                 |
| UNT_037     | 0.93                       | 1,060                | 780                   | 1,430                 |
| UNT_038     | 0.10                       | 160                  | 110                   | 210                   |
| UNT_038     | 0.16                       | 250                  | 180                   | 340                   |
| UNT_039     | 0.39                       | 550                  | 410                   | 750                   |
| UNT_039     | 0.45                       | 630                  | 460                   | 850                   |
| UNT_040     | 0.26                       | 250                  | 190                   | 340                   |
| UNT_041     | 0.22                       | 290                  | 220                   | 390                   |
| UNT_041     | 0.31                       | 410                  | 300                   | 550                   |
| UNT_042     | 0.10                       | 160                  | 120                   | 220                   |
| UNT_042     | 0.47                       | 670                  | 490                   | 900                   |
| UNT_042     | 0.54                       | 720                  | 530                   | 970                   |
| UNT_042     | 0.80                       | 1,050                | 770                   | 1,410                 |
| UNT_043     | 0.10                       | 130                  | 96                    | 170                   |
| UNT_043     | 0.53                       | 590                  | 430                   | 790                   |
| UNT_044     | 0.34                       | 500                  | 370                   | 670                   |
| UNT_044     | 0.43                       | 620                  | 460                   | 840                   |
| UNT_045     | 0.20                       | 330                  | 240                   | 440                   |
| UNT_045     | 0.26                       | 430                  | 320                   | 580                   |
| UNT_046     | 0.13                       | 150                  | 110                   | 200                   |
| UNT_046     | 0.15                       | 170                  | 120                   | 230                   |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_046     | 0.20                       | 230                  | 170                   | 310                   |
| UNT_048     | 0.13                       | 190                  | 140                   | 260                   |
| UNT_048     | 0.20                       | 320                  | 230                   | 430                   |
| UNT_049     | 0.16                       | 230                  | 170                   | 310                   |
| UNT_049     | 0.45                       | 500                  | 370                   | 670                   |
| UNT_049     | 0.91                       | 890                  | 660                   | 1,200                 |
| UNT_050     | 0.10                       | 130                  | 98                    | 180                   |
| UNT_050     | 0.31                       | 380                  | 280                   | 510                   |
| UNT_051     | 0.49                       | 560                  | 410                   | 750                   |
| UNT_052     | 0.42                       | 370                  | 270                   | 500                   |
| UNT_053     | 0.62                       | 770                  | 570                   | 1,040                 |
| UNT_053     | 0.72                       | 870                  | 650                   | 1,180                 |
| UNT_053     | 0.87                       | 1,020                | 750                   | 1,370                 |
| UNT_054     | 0.51                       | 720                  | 530                   | 980                   |
| UNT_055     | 0.42                       | 660                  | 480                   | 890                   |
| UNT_056     | 0.06                       | 120                  | 90                    | 160                   |
| UNT_057     | 0.07                       | 130                  | 94                    | 170                   |
| UNT_058     | 0.47                       | 630                  | 470                   | 850                   |
| UNT_058     | 0.58                       | 740                  | 550                   | 1,000                 |
| UNT_059     | 0.32                       | 430                  | 320                   | 590                   |
| UNT_060     | 0.16                       | 280                  | 200                   | 370                   |
| UNT_060     | 0.20                       | 350                  | 260                   | 470                   |
| UNT_060     | 0.29                       | 470                  | 350                   | 630                   |
| UNT_061     | 163.58                     | 1,330                | 980                   | 1,800                 |
| UNT_061     | 1.00                       | 780                  | 570                   | 1,050                 |
| UNT_061     | 1.33                       | 1,040                | 770                   | 1,400                 |
| UNT_061     | 1.34                       | 1,050                | 770                   | 1,410                 |
| UNT_061     | 1.40                       | 1,070                | 790                   | 1,450                 |
| UNT_062     | 0.38                       | 380                  | 280                   | 510                   |
| UNT_062     | 1.13                       | 1,080                | 800                   | 1,460                 |
| UNT_063     | 0.61                       | 590                  | 440                   | 800                   |
| UNT_063     | 0.77                       | 710                  | 520                   | 960                   |
| UNT_063     | 1.07                       | 940                  | 700                   | 1,280                 |
| UNT_063     | 1.49                       | 1,210                | 890                   | 1,630                 |
| UNT_063     | 1.71                       | 1,360                | 1,000                 | 1,840                 |
| UNT_063     | 2.14                       | 1,660                | 1,220                 | 2,240                 |
| UNT_063     | 2.63                       | 1,960                | 1,450                 | 2,650                 |
| UNT_063     | 2.66                       | 1,990                | 1,470                 | 2,690                 |
| UNT_064     | 0.24                       | 320                  | 240                   | 440                   |
| UNT_064     | 0.74                       | 890                  | 660                   | 1,200                 |
| UNT_064     | 1.43                       | 1,550                | 1,150                 | 2,100                 |
| UNT_064     | 1.49                       | 1,590                | 1,180                 | 2,160                 |
| UNT_065     | 158.93                     | 1,580                | 1,170                 | 2,140                 |
| UNT_065     | 1.04                       | 1,090                | 800                   | 1,470                 |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_065     | 1.23                       | 1,270                | 940                   | 1,720                 |
| UNT_065     | 1.58                       | 1,550                | 1,150                 | 2,100                 |
| UNT_066     | 0.77                       | 850                  | 630                   | 1,150                 |
| UNT_066     | 1.08                       | 1,170                | 860                   | 1,580                 |
| UNT_066     | 1.88                       | 1,790                | 1,320                 | 2,420                 |
| UNT_066     | 1.94                       | 1,840                | 1,360                 | 2,480                 |
| UNT_067     | 0.82                       | 980                  | 730                   | 1,330                 |
| UNT_067     | 1.74                       | 1,790                | 1,320                 | 2,410                 |
| UNT_067     | 2.04                       | 2,030                | 1,500                 | 2,750                 |
| UNT_067     | 2.19                       | 2,140                | 1,580                 | 2,900                 |
| UNT_067     | 2.31                       | 2,140                | 1,580                 | 2,900                 |
| UNT_067     | 2.46                       | 2,270                | 1,680                 | 3,070                 |
| UNT_067     | 3.07                       | 2,720                | 2,010                 | 3,680                 |
| UNT_067     | 3.34                       | 2,800                | 2,070                 | 3,790                 |
| UNT_067     | 5.43                       | 4,150                | 3,070                 | 5,610                 |
| UNT_068     | 0.14                       | 160                  | 120                   | 220                   |
| UNT_068     | 0.62                       | 660                  | 480                   | 890                   |
| UNT_068     | 1.38                       | 1,400                | 1,040                 | 1,900                 |
| UNT_068     | 1.44                       | 1,490                | 1,100                 | 2,020                 |
| UNT_068     | 1.54                       | 1,570                | 1,160                 | 2,130                 |
| UNT_069     | 0.42                       | 420                  | 310                   | 570                   |
| UNT_069     | 0.50                       | 510                  | 370                   | 680                   |
| UNT_069     | 0.60                       | 580                  | 430                   | 780                   |
| UNT_069     | 0.62                       | 600                  | 440                   | 810                   |
| UNT_069     | 1.28                       | 1,120                | 830                   | 1,510                 |
| UNT_069     | 1.68                       | 1,400                | 1,030                 | 1,890                 |
| UNT_069     | 2.28                       | 1,780                | 1,320                 | 2,410                 |
| UNT_069     | 2.84                       | 2,140                | 1,580                 | 2,890                 |
| UNT_069     | 2.95                       | 2,170                | 1,610                 | 2,940                 |
| UNT_069     | 3.88                       | 2,720                | 2,010                 | 3,680                 |
| UNT_069     | 3.98                       | 2,720                | 2,010                 | 3,680                 |
| UNT_069     | 4.28                       | 2,900                | 2,140                 | 3,920                 |
| UNT_069     | 4.94                       | 3,290                | 2,430                 | 4,450                 |
| UNT_069     | 5.16                       | 3,490                | 2,580                 | 4,730                 |
| UNT_070     | 0.78                       | 860                  | 630                   | 1,160                 |
| UNT_071     | 0.31                       | 450                  | 340                   | 610                   |
| UNT_071     | 0.55                       | 730                  | 540                   | 980                   |
| UNT_071     | 0.63                       | 860                  | 630                   | 1,160                 |
| UNT_071     | 0.92                       | 1,180                | 870                   | 1,590                 |
| UNT_071     | 0.93                       | 1,180                | 870                   | 1,590                 |
| UNT_072     | 0.17                       | 240                  | 180                   | 330                   |
| UNT_072     | 0.19                       | 280                  | 200                   | 370                   |
| UNT_072     | 0.24                       | 350                  | 260                   | 470                   |
| UNT_072     | 0.33                       | 440                  | 330                   | 600                   |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_072     | 0.51                       | 660                  | 490                   | 890                   |
| UNT_072     | 0.53                       | 680                  | 500                   | 920                   |
| UNT_073     | 0.74                       | 800                  | 590                   | 1,080                 |
| UNT_073     | 0.86                       | 910                  | 670                   | 1,230                 |
| UNT_074     | 0.18                       | 190                  | 140                   | 260                   |
| UNT_074     | 0.39                       | 420                  | 310                   | 560                   |
| UNT_074     | 0.43                       | 470                  | 350                   | 640                   |
| UNT_074     | 0.51                       | 620                  | 460                   | 840                   |
| UNT_075     | 0.25                       | 280                  | 210                   | 380                   |
| UNT_075     | 0.39                       | 430                  | 320                   | 580                   |
| UNT_076     | 0.59                       | 690                  | 510                   | 940                   |
| UNT_077     | 0.41                       | 560                  | 410                   | 750                   |
| UNT_077     | 0.61                       | 740                  | 540                   | 1,000                 |
| UNT_077     | 2.07                       | 1,920                | 1,420                 | 2,590                 |
| UNT_077     | 2.12                       | 2,000                | 1,480                 | 2,700                 |
| UNT_078     | 0.10                       | 120                  | 89                    | 160                   |
| UNT_078     | 0.24                       | 340                  | 250                   | 460                   |
| UNT_078     | 0.67                       | 710                  | 520                   | 960                   |
| UNT_078     | 0.72                       | 790                  | 590                   | 1,080                 |
| UNT_079     | 0.97                       | 990                  | 730                   | 1,340                 |
| UNT_079     | 0.98                       | 1,020                | 750                   | 1,380                 |
| UNT_080     | 0.42                       | 570                  | 420                   | 780                   |
| UNT_080     | 0.50                       | 660                  | 480                   | 890                   |
| UNT_080     | 0.53                       | 680                  | 500                   | 920                   |
| UNT_080     | 0.57                       | 710                  | 530                   | 970                   |
| UNT_080     | 0.59                       | 730                  | 540                   | 990                   |
| UNT_081     | 0.12                       | 220                  | 160                   | 300                   |
| UNT_081     | 0.57                       | 770                  | 570                   | 1,040                 |
| UNT_081     | 0.66                       | 870                  | 640                   | 1,170                 |
| UNT_081     | 1.04                       | 1,120                | 830                   | 1,520                 |
| UNT_082     | 99.90                      | 350                  | 260                   | 470                   |
| UNT_082     | 100.20                     | 380                  | 280                   | 510                   |
| UNT_083     | 0.20                       | 330                  | 240                   | 440                   |
| UNT_084     | 0.32                       | 460                  | 340                   | 620                   |
| UNT_084     | 0.75                       | 940                  | 700                   | 1,270                 |
| UNT_084     | 1.19                       | 1,230                | 910                   | 1,670                 |
| UNT_085     | 0.10                       | 140                  | 100                   | 190                   |
| UNT_085     | 0.18                       | 240                  | 180                   | 330                   |
| UNT_085     | 0.25                       | 330                  | 250                   | 450                   |
| UNT_086     | 0.08                       | 120                  | 88                    | 160                   |
| UNT_086     | 0.10                       | 150                  | 110                   | 210                   |
| UNT_086     | 0.15                       | 200                  | 150                   | 270                   |
| UNT_087     | 0.10                       | 150                  | 110                   | 210                   |
| UNT_087     | 0.13                       | 180                  | 130                   | 250                   |



| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_088     | 0.18                       | 270                  | 200                   | 360                   |
| UNT_089     | 0.16                       | 250                  | 180                   | 340                   |
| UNT_089     | 0.22                       | 320                  | 240                   | 430                   |
| UNT_089     | 0.29                       | 420                  | 310                   | 560                   |
| UNT_090     | 0.14                       | 230                  | 170                   | 320                   |
| UNT_090     | 0.18                       | 300                  | 220                   | 400                   |
| UNT_091     | 0.10                       | 150                  | 110                   | 200                   |
| UNT_091     | 0.20                       | 290                  | 210                   | 390                   |
| UNT_091     | 0.23                       | 340                  | 250                   | 460                   |
| UNT_092     | 0.19                       | 280                  | 210                   | 380                   |
| UNT_092     | 0.40                       | 560                  | 410                   | 750                   |
| UNT_093     | 0.32                       | 450                  | 330                   | 610                   |
| UNT_093     | 0.81                       | 1,040                | 770                   | 1,410                 |
| UNT_094     | 0.26                       | 390                  | 290                   | 520                   |
| UNT_095     | 0.54                       | 550                  | 400                   | 740                   |
| UNT_095     | 0.78                       | 920                  | 680                   | 1,240                 |
| UNT_096     | 0.60                       | 630                  | 470                   | 850                   |
| UNT_096     | 0.11                       | 190                  | 140                   | 250                   |
| UNT_096     | 0.15                       | 260                  | 190                   | 360                   |
| UNT_096     | 0.38                       | 550                  | 400                   | 740                   |
| UNT_097     | 0.13                       | 270                  | 200                   | 370                   |
| UNT_097     | 0.30                       | 550                  | 410                   | 740                   |
| UNT_097     | 0.52                       | 780                  | 580                   | 1,060                 |
| UNT_098     | 0.22                       | 200                  | 150                   | 270                   |
| UNT_098     | 0.48                       | 450                  | 330                   | 610                   |
| UNT_099     | 0.11                       | 91                   | 68                    | 120                   |
| UNT_099     | 0.23                       | 230                  | 170                   | 320                   |
| UNT_100     | 0.04                       | 61                   | 45                    | 82                    |
| UNT_100     | 0.10                       | 150                  | 110                   | 200                   |
| UNT_100     | 0.15                       | 210                  | 150                   | 280                   |
| UNT_101     | 0.10                       | 140                  | 100                   | 190                   |
| UNT_101     | 0.23                       | 300                  | 220                   | 410                   |
| UNT_102     | 0.15                       | 250                  | 180                   | 340                   |
| UNT_102     | 0.57                       | 750                  | 560                   | 1,020                 |
| UNT_103     | 0.27                       | 370                  | 280                   | 510                   |
| UNT_103     | 0.29                       | 390                  | 290                   | 530                   |
| UNT_104     | 0.12                       | 190                  | 140                   | 250                   |
| UNT_104     | 0.14                       | 220                  | 160                   | 300                   |
| UNT_105     | 0.22                       | 280                  | 210                   | 380                   |
| UNT_106     | 0.17                       | 220                  | 160                   | 290                   |
| UNT_106     | 0.21                       | 290                  | 220                   | 400                   |
| UNT_107     | 0.24                       | 260                  | 200                   | 360                   |
| UNT_107     | 0.26                       | 320                  | 240                   | 430                   |
| UNT_108     | 0.28                       | 400                  | 300                   | 550                   |

| Stream Name               | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|---------------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                           |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_108                   | 0.37                       | 520                  | 380                   | 700                   |
| UNT_108                   | 0.48                       | 630                  | 460                   | 850                   |
| UNT_109                   | 0.13                       | 130                  | 93                    | 170                   |
| UNT_109                   | 0.43                       | 470                  | 340                   | 630                   |
| UNT_110                   | 0.35                       | 420                  | 310                   | 570                   |
| UNT_111                   | 0.19                       | 250                  | 190                   | 340                   |
| UNT_111                   | 0.24                       | 320                  | 240                   | 440                   |
| UNT_111                   | 0.27                       | 370                  | 270                   | 500                   |
| UNT_674                   | 0.11                       | 130                  | 98                    | 180                   |
| UNT_674                   | 0.63                       | 690                  | 510                   | 930                   |
| UNT_674                   | 0.73                       | 760                  | 560                   | 1,030                 |
| UNT_675                   | 0.49                       | 490                  | 360                   | 660                   |
| UNT_676                   | 0.03                       | 48                   | 36                    | 65                    |
| UNT_676                   | 0.23                       | 340                  | 250                   | 470                   |
| UNT_677                   | 0.38                       | 410                  | 300                   | 560                   |
| UNT_677                   | 0.49                       | 530                  | 390                   | 720                   |
| UNT_678                   | 0.23                       | 350                  | 260                   | 470                   |
| UNT_678                   | 0.31                       | 470                  | 350                   | 630                   |
| UNT_679                   | 0.21                       | 310                  | 230                   | 430                   |
| UNT_708                   | 2.72                       | 2,140                | 1,580                 | 2,890                 |
| Watkins Branch            | 0.81                       | 940                  | 690                   | 1,270                 |
| Watkins Branch            | 1.01                       | 1,090                | 810                   | 1,480                 |
| Watkins Branch            | 2.92                       | 2,610                | 1,930                 | 3,530                 |
| Watkins Branch            | 3.23                       | 2,820                | 2,080                 | 3,810                 |
| Watkins Branch            | 4.09                       | 3,300                | 2,440                 | 4,460                 |
| Watkins Branch            | 9.64                       | 6,590                | 4,870                 | 8,910                 |
| Watkins Branch            | 9.74                       | 6,630                | 4,900                 | 8,970                 |
| Watkins Branch            | 10.02                      | 6,730                | 4,970                 | 9,100                 |
| Watkins Branch            | 10.66                      | 7,060                | 5,220                 | 9,550                 |
| Watkins Branch            | 10.89                      | 7,080                | 5,230                 | 9,570                 |
| Willingham Branch         | 0.69                       | 880                  | 650                   | 1,190                 |
| Willingham Branch         | 0.78                       | 940                  | 700                   | 1,280                 |
| Willingham Branch         | 0.97                       | 1,140                | 840                   | 1,540                 |
| Willingham Branch         | 1.17                       | 1,330                | 980                   | 1,800                 |
| Willingham Branch         | 1.28                       | 1,440                | 1,070                 | 1,950                 |
| Willingham Branch         | 1.59                       | 1,730                | 1,280                 | 2,340                 |
| Willingham Branch         | 1.98                       | 2,020                | 1,500                 | 2,740                 |
| Willingham Branch         | 2.86                       | 2,820                | 2,090                 | 3,810                 |
| Lucy Creek-Lampasas River |                            |                      |                       |                       |
| Acorn Creek               | 0.58                       | 630                  | 460                   | 850                   |
| Acorn Creek               | 1.03                       | 1,020                | 750                   | 1,370                 |
| Acorn Creek               | 1.29                       | 1,200                | 890                   | 1,620                 |
| Acorn Creek               | 1.59                       | 1,410                | 1,050                 | 1,910                 |
| Acorn Creek               | 2.08                       | 1,780                | 1,320                 | 2,410                 |

| Stream Name      | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                  |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Acorn Creek      | 2.15                       | 1,860                | 1,370                 | 2,510                 |
| Acorn Creek      | 3.47                       | 2,750                | 2,040                 | 3,720                 |
| Acorn Creek      | 3.60                       | 2,780                | 2,050                 | 3,760                 |
| Bennett Branch   | 0.43                       | 590                  | 440                   | 800                   |
| Bennett Branch   | 0.75                       | 930                  | 690                   | 1,260                 |
| Bennett Branch   | 0.79                       | 980                  | 720                   | 1,330                 |
| Bennett Branch   | 1.02                       | 1,220                | 900                   | 1,640                 |
| Bennett Branch   | 2.26                       | 2,240                | 1,650                 | 3,020                 |
| Bennett Branch   | 2.31                       | 2,240                | 1,650                 | 3,020                 |
| Bennett Branch   | 2.88                       | 2,590                | 1,910                 | 3,500                 |
| Burnet Creek     | 0.66                       | 870                  | 650                   | 1,180                 |
| Burnet Creek     | 1.23                       | 1,400                | 1,030                 | 1,890                 |
| Burnet Creek     | 1.75                       | 1,790                | 1,330                 | 2,430                 |
| Burnet Creek     | 2.26                       | 2,120                | 1,570                 | 2,870                 |
| Burnet Creek     | 3.14                       | 2,790                | 2,060                 | 3,770                 |
| Burnet Creek     | 4.04                       | 3,230                | 2,390                 | 4,360                 |
| Burnet Creek     | 7.78                       | 5,320                | 3,930                 | 7,190                 |
| Campbells Branch | 0.97                       | 920                  | 680                   | 1,250                 |
| Campbells Branch | 1.72                       | 1,460                | 1,080                 | 1,970                 |
| Campbells Branch | 1.91                       | 1,560                | 1,150                 | 2,110                 |
| Campbells Branch | 2.93                       | 2,260                | 1,670                 | 3,060                 |
| Campbells Branch | 2.93                       | 2,260                | 1,670                 | 3,060                 |
| Campbells Branch | 4.64                       | 3,320                | 2,460                 | 4,500                 |
| Campbells Branch | 4.64                       | 3,320                | 2,460                 | 4,500                 |
| Campbells Branch | 5.28                       | 3,720                | 2,750                 | 5,030                 |
| Campbells Branch | 9.44                       | 5,970                | 4,420                 | 8,080                 |
| Campbells Branch | 10.43                      | 6,180                | 4,570                 | 8,360                 |
| Campbells Branch | 11.47                      | 6,490                | 4,800                 | 8,770                 |
| Campbells Branch | 12.96                      | 7,110                | 5,260                 | 9,610                 |
| Campbells Branch | 13.16                      | 7,180                | 5,310                 | 9,710                 |
| Chapparral Creek | 0.31                       | 300                  | 220                   | 400                   |
| Chapparral Creek | 0.52                       | 480                  | 350                   | 640                   |
| Chapparral Creek | 0.73                       | 650                  | 480                   | 880                   |
| Chapparral Creek | 0.92                       | 790                  | 580                   | 1,070                 |
| Chapparral Creek | 1.33                       | 1,090                | 810                   | 1,470                 |
| Chapparral Creek | 3.72                       | 2,990                | 2,210                 | 4,040                 |
| Chapparral Creek | 3.74                       | 3,010                | 2,220                 | 4,070                 |
| Chapparral Creek | 3.98                       | 3,170                | 2,340                 | 4,290                 |
| Chapparral Creek | 4.10                       | 3,230                | 2,390                 | 4,360                 |
| Clark Creek      | 0.30                       | 560                  | 410                   | 760                   |
| Clark Creek      | 0.32                       | 560                  | 420                   | 760                   |
| Clark Creek      | 0.39                       | 660                  | 490                   | 890                   |
| Clark Creek      | 0.93                       | 1,420                | 1,050                 | 1,910                 |
| Clark Creek      | 1.26                       | 1,710                | 1,270                 | 2,320                 |

| Stream Name  | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|--------------|----------------------------|----------------------|-----------------------|-----------------------|
|              |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Clark Creek  | 1.61                       | 2,050                | 1,520                 | 2,770                 |
| Clark Creek  | 1.81                       | 2,200                | 1,630                 | 2,970                 |
| Clark Creek  | 2.43                       | 2,660                | 1,970                 | 3,600                 |
| Clark Creek  | 2.50                       | 2,680                | 1,980                 | 3,620                 |
| Clark Creek  | 2.54                       | 2,690                | 1,990                 | 3,640                 |
| Clear Creek  | 0.18                       | 360                  | 260                   | 480                   |
| Clear Creek  | 0.28                       | 520                  | 380                   | 700                   |
| Clear Creek  | 0.82                       | 1,320                | 980                   | 1,790                 |
| Clear Creek  | 0.92                       | 1,400                | 1,040                 | 1,900                 |
| Clear Creek  | 1.16                       | 1,610                | 1,190                 | 2,180                 |
| Clear Creek  | 1.44                       | 1,880                | 1,390                 | 2,550                 |
| Clear Creek  | 1.47                       | 1,900                | 1,410                 | 2,580                 |
| Clear Creek  | 2.88                       | 3,230                | 2,390                 | 4,360                 |
| Clear Creek  | 3.22                       | 3,400                | 2,520                 | 4,600                 |
| Clear Creek  | 3.23                       | 3,400                | 2,520                 | 4,600                 |
| Clear Creek  | 3.41                       | 3,450                | 2,550                 | 4,670                 |
| Clear Creek  | 6.00                       | 5,530                | 4,090                 | 7,480                 |
| Clear Creek  | 6.29                       | 5,580                | 4,130                 | 7,540                 |
| Clear Creek  | 8.41                       | 6,920                | 5,120                 | 9,360                 |
| Clear Creek  | 9.89                       | 7,880                | 5,830                 | 10,660                |
| Clear Creek  | 10.93                      | 8,260                | 6,110                 | 11,170                |
| Clear Creek  | 11.89                      | 8,500                | 6,290                 | 11,500                |
| Clear Creek  | 13.78                      | 9,550                | 7,060                 | 12,910                |
| Clear Creek  | 14.78                      | 10,020               | 7,410                 | 13,550                |
| Clear Creek  | 15.96                      | 10,350               | 7,650                 | 13,990                |
| Clear Creek  | 18.36                      | 11,340               | 8,390                 | 15,340                |
| Clear Creek  | 18.88                      | 11,340               | 8,390                 | 15,340                |
| Clear Creek  | 20.60                      | 11,790               | 8,720                 | 15,950                |
| Clear Creek  | 21.00                      | 11,940               | 8,830                 | 16,150                |
| Clear Creek  | 28.55                      | 14,150               | 10,470                | 19,140                |
| Clear Creek  | 28.94                      | 14,250               | 10,540                | 19,280                |
| Clear Creek  | 29.68                      | 14,320               | 10,590                | 19,370                |
| Embers Creek | 0.10                       | 120                  | 87                    | 160                   |
| Embers Creek | 0.55                       | 500                  | 370                   | 680                   |
| Embers Creek | 0.86                       | 770                  | 570                   | 1,040                 |
| Embers Creek | 0.90                       | 800                  | 590                   | 1,090                 |
| Embers Creek | 1.01                       | 890                  | 660                   | 1,210                 |
| Gann Branch  | 0.20                       | 470                  | 350                   | 640                   |
| Gann Branch  | 0.80                       | 1,390                | 1,030                 | 1,880                 |
| Gann Branch  | 1.30                       | 1,870                | 1,380                 | 2,530                 |
| Gann Branch  | 1.86                       | 2,500                | 1,850                 | 3,380                 |
| Gann Branch  | 2.59                       | 3,080                | 2,280                 | 4,170                 |
| Gann Branch  | 2.92                       | 3,360                | 2,490                 | 4,550                 |
| Gann Branch  | 2.96                       | 3,380                | 2,500                 | 4,570                 |

| Stream Name           | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-----------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                       |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Gann Branch           | 3.90                       | 4,040                | 2,990                 | 5,460                 |
| Gann Branch           | 4.37                       | 4,310                | 3,190                 | 5,830                 |
| Gann Branch           | 6.00                       | 5,480                | 4,050                 | 7,410                 |
| Gann Branch           | 6.11                       | 5,510                | 4,070                 | 7,450                 |
| Gann Branch           | 6.21                       | 5,540                | 4,100                 | 7,490                 |
| Gann Branch           | 6.39                       | 5,600                | 4,140                 | 7,570                 |
| Gann Branch           | 6.41                       | 5,600                | 4,140                 | 7,570                 |
| Glover Branch         | 1.00                       | 1,140                | 840                   | 1,550                 |
| Glover Branch         | 1.48                       | 1,580                | 1,170                 | 2,140                 |
| Glover Branch         | 2.48                       | 2,480                | 1,830                 | 3,350                 |
| Glover Branch         | 2.87                       | 2,740                | 2,030                 | 3,710                 |
| Glover Branch         | 3.53                       | 3,100                | 2,300                 | 4,200                 |
| Little Trimmier Creek | 0.71                       | 870                  | 640                   | 1,180                 |
| Little Trimmier Creek | 1.11                       | 1,270                | 940                   | 1,720                 |
| Little Trimmier Creek | 1.35                       | 1,500                | 1,110                 | 2,030                 |
| Little Trimmier Creek | 1.97                       | 1,930                | 1,420                 | 2,610                 |
| McDaniel Branch       | 0.10                       | 130                  | 97                    | 180                   |
| McDaniel Branch       | 0.90                       | 910                  | 670                   | 1,230                 |
| McDaniel Branch       | 1.20                       | 1,130                | 840                   | 1,530                 |
| McDaniel Branch       | 2.09                       | 1,870                | 1,380                 | 2,530                 |
| McDaniel Branch       | 2.71                       | 2,300                | 1,700                 | 3,110                 |
| McDaniel Branch       | 5.18                       | 3,540                | 2,620                 | 4,780                 |
| McDaniel Branch       | 6.15                       | 4,070                | 3,010                 | 5,510                 |
| McDaniel Branch       | 6.97                       | 4,420                | 3,270                 | 5,980                 |
| McDaniel Branch       | 8.50                       | 5,150                | 3,810                 | 6,960                 |
| McDaniel Branch       | 8.54                       | 5,180                | 3,830                 | 7,010                 |
| Mill Creek            | 0.80                       | 740                  | 550                   | 1,000                 |
| Mill Creek            | 1.74                       | 1,480                | 1,100                 | 2,000                 |
| Mill Creek            | 2.11                       | 1,710                | 1,270                 | 2,320                 |
| Mill Creek            | 3.01                       | 2,350                | 1,730                 | 3,170                 |
| Mill Creek            | 5.13                       | 3,640                | 2,690                 | 4,920                 |
| Mill Creek            | 5.15                       | 3,700                | 2,740                 | 5,010                 |
| Mill Creek            | 6.21                       | 4,300                | 3,180                 | 5,810                 |
| Mill Creek            | 6.42                       | 4,370                | 3,230                 | 5,920                 |
| Mill Creek            | 6.74                       | 4,440                | 3,280                 | 6,000                 |
| Mill Creek            | 8.10                       | 5,230                | 3,860                 | 7,070                 |
| Mill Creek            | 8.69                       | 5,410                | 4,000                 | 7,320                 |
| Mill Creek            | 13.54                      | 7,750                | 5,730                 | 10,480                |
| Mill Creek            | 14.54                      | 8,050                | 5,960                 | 10,890                |
| Mill Creek            | 14.68                      | 8,050                | 5,960                 | 10,890                |
| Mill Creek            | 15.15                      | 8,180                | 6,050                 | 11,060                |
| Mill Creek            | 23.69                      | 11,760               | 8,690                 | 15,900                |
| Mill Creek            | 24.51                      | 11,800               | 8,730                 | 15,960                |
| Mill Creek            | 25.01                      | 11,800               | 8,730                 | 15,960                |

| Stream Name       | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                   |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Mill Creek        | 30.82                      | 13,630               | 10,080                | 18,430                |
| Mill Creek        | 31.51                      | 13,770               | 10,180                | 18,620                |
| Mill Creek        | 32.65                      | 13,800               | 10,210                | 18,670                |
| Mill Creek        | 33.48                      | 13,910               | 10,290                | 18,810                |
| Mill Creek        | 35.43                      | 14,410               | 10,650                | 19,480                |
| Mill Creek        | 35.64                      | 14,410               | 10,650                | 19,480                |
| Mill Creek        | 36.00                      | 14,410               | 10,660                | 19,490                |
| Miller Branch     | 0.11                       | 130                  | 93                    | 170                   |
| Miller Branch     | 0.91                       | 780                  | 580                   | 1,060                 |
| Miller Branch     | 1.29                       | 1,070                | 790                   | 1,450                 |
| Miller Branch     | 2.29                       | 1,770                | 1,310                 | 2,400                 |
| Miller Branch     | 3.07                       | 2,300                | 1,700                 | 3,120                 |
| Miller Branch     | 3.73                       | 2,700                | 1,990                 | 3,650                 |
| Miller Branch     | 4.06                       | 2,890                | 2,140                 | 3,910                 |
| Miller Branch     | 5.02                       | 3,480                | 2,570                 | 4,710                 |
| Miller Branch     | 6.04                       | 3,970                | 2,930                 | 5,370                 |
| Miller Branch     | 6.30                       | 4,100                | 3,030                 | 5,540                 |
| Mitchell Branch   | 0.08                       | 91                   | 67                    | 120                   |
| Mitchell Branch   | 0.12                       | 160                  | 120                   | 220                   |
| Mitchell Branch   | 0.13                       | 160                  | 120                   | 220                   |
| Mitchell Branch   | 0.43                       | 490                  | 360                   | 660                   |
| Mitchell Branch   | 0.55                       | 590                  | 440                   | 800                   |
| Mitchell Branch   | 0.86                       | 900                  | 660                   | 1,210                 |
| Mitchell Branch   | 0.87                       | 900                  | 670                   | 1,220                 |
| Mitchell Branch   | 0.95                       | 970                  | 710                   | 1,310                 |
| Mitchell Branch   | 1.34                       | 1,290                | 950                   | 1,740                 |
| Mitchell Branch   | 1.39                       | 1,300                | 960                   | 1,750                 |
| Mitchell Branch   | 1.57                       | 1,440                | 1,070                 | 1,950                 |
| Mitchell Branch   | 2.39                       | 1,990                | 1,470                 | 2,690                 |
| Mitchell Branch   | 2.74                       | 2,200                | 1,630                 | 2,980                 |
| Mitchell Branch   | 3.39                       | 2,580                | 1,910                 | 3,480                 |
| Mitchell Branch   | 3.66                       | 2,690                | 1,990                 | 3,640                 |
| North Reese Creek | 0.92                       | 910                  | 670                   | 1,230                 |
| North Reese Creek | 0.94                       | 940                  | 690                   | 1,270                 |
| North Reese Creek | 1.26                       | 1,200                | 890                   | 1,620                 |
| North Reese Creek | 1.36                       | 1,270                | 940                   | 1,720                 |
| North Reese Creek | 1.79                       | 1,630                | 1,210                 | 2,210                 |
| North Reese Creek | 1.88                       | 1,680                | 1,240                 | 2,270                 |
| North Reese Creek | 1.98                       | 1,760                | 1,300                 | 2,380                 |
| North Reese Creek | 3.89                       | 3,090                | 2,280                 | 4,180                 |
| North Reese Creek | 4.04                       | 3,160                | 2,340                 | 4,280                 |
| North Reese Creek | 4.20                       | 3,240                | 2,390                 | 4,380                 |
| North Reese Creek | 5.91                       | 4,290                | 3,170                 | 5,800                 |
| North Reese Creek | 9.64                       | 5,890                | 4,350                 | 7,960                 |

| Stream Name       | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                   |                            | (cfs)                | (cfs)                 | (cfs)                 |
| North Rocky Creek | 0.14                       | 180                  | 130                   | 240                   |
| North Rocky Creek | 0.84                       | 910                  | 670                   | 1,230                 |
| North Rocky Creek | 1.04                       | 1,100                | 810                   | 1,480                 |
| North Rocky Creek | 2.59                       | 2,420                | 1,790                 | 3,280                 |
| North Rocky Creek | 4.99                       | 3,970                | 2,940                 | 5,370                 |
| North Rocky Creek | 7.67                       | 5,470                | 4,040                 | 7,390                 |
| North Rocky Creek | 8.35                       | 5,810                | 4,300                 | 7,860                 |
| North Rocky Creek | 8.62                       | 5,810                | 4,300                 | 7,860                 |
| North Rocky Creek | 10.69                      | 6,780                | 5,020                 | 9,170                 |
| North Rocky Creek | 12.01                      | 7,390                | 5,460                 | 9,990                 |
| North Rocky Creek | 16.00                      | 8,960                | 6,620                 | 12,120                |
| North Rocky Creek | 16.03                      | 8,960                | 6,620                 | 12,120                |
| North Rocky Creek | 17.19                      | 9,250                | 6,840                 | 12,510                |
| North Rocky Creek | 18.28                      | 9,470                | 7,000                 | 12,800                |
| North Rocky Creek | 19.94                      | 9,980                | 7,380                 | 13,490                |
| North Rocky Creek | 20.08                      | 9,980                | 7,380                 | 13,490                |
| North Rocky Creek | 20.73                      | 10,050               | 7,430                 | 13,600                |
| North Rocky Creek | 21.69                      | 10,350               | 7,650                 | 14,000                |
| North Rocky Creek | 22.35                      | 10,420               | 7,700                 | 14,090                |
| North Rocky Creek | 23.20                      | 10,590               | 7,830                 | 14,330                |
| North Rocky Creek | 23.89                      | 10,660               | 7,880                 | 14,420                |
| North Rocky Creek | 24.08                      | 10,720               | 7,920                 | 14,490                |
| NRC Tributary 1   | 0.32                       | 310                  | 230                   | 420                   |
| NRC Tributary 1   | 0.50                       | 510                  | 370                   | 690                   |
| NRC Tributary 1   | 0.90                       | 850                  | 630                   | 1,140                 |
| NRC Tributary 1   | 1.84                       | 1,420                | 1,050                 | 1,930                 |
| NRC Tributary 1   | 1.97                       | 1,530                | 1,130                 | 2,070                 |
| NRC Tributary 1   | 2.11                       | 1,630                | 1,200                 | 2,200                 |
| NRC Tributary 1   | 2.70                       | 2,060                | 1,530                 | 2,790                 |
| NRC Tributary 1   | 3.29                       | 2,460                | 1,820                 | 3,330                 |
| NRC Tributary 2   | 0.95                       | 1,020                | 750                   | 1,370                 |
| NRC Tributary 2   | 1.25                       | 1,280                | 950                   | 1,740                 |
| NRC Tributary 2   | 1.66                       | 1,670                | 1,230                 | 2,260                 |
| NRC Tributary 3   | 0.14                       | 190                  | 140                   | 260                   |
| NRC Tributary 3   | 0.44                       | 520                  | 390                   | 710                   |
| NRC Tributary 3   | 0.45                       | 530                  | 390                   | 720                   |
| NRC Tributary 3   | 1.16                       | 1,240                | 910                   | 1,670                 |
| NRC Tributary 3   | 1.34                       | 1,360                | 1,000                 | 1,830                 |
| NRC Tributary 3   | 1.37                       | 1,380                | 1,020                 | 1,870                 |
| Olive Branch      | 0.12                       | 170                  | 120                   | 230                   |
| Olive Branch      | 0.96                       | 920                  | 680                   | 1,250                 |
| Olive Branch      | 2.48                       | 2,120                | 1,570                 | 2,870                 |
| Olive Branch      | 5.21                       | 4,000                | 2,960                 | 5,410                 |
| Olive Branch      | 5.92                       | 4,450                | 3,290                 | 6,010                 |

| Stream Name             | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                         |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Olive Branch            | 6.54                       | 4,780                | 3,540                 | 6,470                 |
| Onion Creek             | 0.32                       | 380                  | 280                   | 510                   |
| Onion Creek             | 0.56                       | 650                  | 480                   | 870                   |
| Onion Creek             | 0.67                       | 780                  | 580                   | 1,060                 |
| Onion Creek             | 1.32                       | 1,430                | 1,060                 | 1,930                 |
| Onion Creek             | 1.73                       | 1,770                | 1,310                 | 2,390                 |
| Onion Creek             | 1.87                       | 1,900                | 1,400                 | 2,570                 |
| Onion Creek             | 2.18                       | 2,060                | 1,520                 | 2,790                 |
| Panther Creek           | 0.55                       | 780                  | 580                   | 1,050                 |
| Panther Creek           | 0.61                       | 830                  | 610                   | 1,120                 |
| Panther Creek           | 0.91                       | 1,150                | 850                   | 1,560                 |
| Panther Creek           | 1.53                       | 1,770                | 1,310                 | 2,390                 |
| Panther Creek           | 3.99                       | 4,060                | 3,010                 | 5,500                 |
| Panther Creek           | 4.12                       | 4,070                | 3,010                 | 5,500                 |
| Panther Den Branch      | 1.08                       | 1,250                | 920                   | 1,690                 |
| Panther Den Branch      | 2.09                       | 2,190                | 1,620                 | 2,960                 |
| Panther Den Branch      | 2.73                       | 2,680                | 1,980                 | 3,620                 |
| Panther Den Branch      | 5.04                       | 4,240                | 3,140                 | 5,740                 |
| Panther Den Branch      | 5.65                       | 4,540                | 3,360                 | 6,140                 |
| Panther Den Branch      | 6.51                       | 4,870                | 3,600                 | 6,580                 |
| Panther Den Branch      | 6.69                       | 4,930                | 3,650                 | 6,670                 |
| Panther Den Branch      | 6.78                       | 5,020                | 3,710                 | 6,790                 |
| Postoak Hollow Creek    | 0.10                       | 140                  | 100                   | 190                   |
| Postoak Hollow Creek    | 0.96                       | 1,050                | 770                   | 1,420                 |
| Postoak Hollow Creek    | 1.47                       | 1,570                | 1,160                 | 2,120                 |
| Reese Creek             | 1.32                       | 1,700                | 1,250                 | 2,290                 |
| Reese Creek             | 1.80                       | 2,100                | 1,550                 | 2,830                 |
| Reese Creek             | 2.84                       | 3,040                | 2,250                 | 4,110                 |
| Reese Creek             | 3.31                       | 3,310                | 2,450                 | 4,480                 |
| Reese Creek             | 4.32                       | 4,000                | 2,960                 | 5,410                 |
| Reese Creek             | 4.99                       | 4,440                | 3,290                 | 6,010                 |
| Reese Creek             | 8.85                       | 6,950                | 5,140                 | 9,400                 |
| Reese Creek             | 8.91                       | 6,950                | 5,140                 | 9,400                 |
| Reese Creek             | 10.63                      | 7,730                | 5,720                 | 10,450                |
| Reese Creek             | 10.69                      | 7,730                | 5,720                 | 10,450                |
| Reese Creek             | 11.28                      | 7,870                | 5,820                 | 10,650                |
| Reese Creek             | 21.34                      | 12,630               | 9,340                 | 17,080                |
| Reese Creek             | 22.78                      | 13,040               | 9,640                 | 17,630                |
| Reese Creek             | 23.09                      | 13,040               | 9,640                 | 17,630                |
| Reese Creek             | 24.85                      | 13,560               | 10,030                | 18,340                |
| Reese Creek             | 24.89                      | 13,560               | 10,030                | 18,340                |
| Reese Creek             | 26.79                      | 13,670               | 10,110                | 18,480                |
| Reese Creek             | 26.87                      | 13,670               | 10,110                | 18,480                |
| Reese Creek Tributary 5 | 0.22                       | 330                  | 240                   | 440                   |



| Stream Name             | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                         |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Reese Creek Tributary 5 | 0.53                       | 700                  | 520                   | 940                   |
| Reese Creek Tributary 5 | 1.36                       | 1,330                | 990                   | 1,800                 |
| Reese Creek Tributary 5 | 1.69                       | 1,640                | 1,210                 | 2,220                 |
| Reese Creek Tributary 5 | 1.76                       | 1,660                | 1,230                 | 2,250                 |
| Reese Creek Tributary 5 | 2.82                       | 1,970                | 1,450                 | 2,660                 |
| Reese Creek Tributary 5 | 3.06                       | 2,100                | 1,550                 | 2,830                 |
| Rock Creek              | 0.28                       | 470                  | 350                   | 630                   |
| Rock Creek              | 0.39                       | 640                  | 470                   | 860                   |
| Rock Creek              | 0.45                       | 710                  | 530                   | 960                   |
| Rock Creek              | 1.00                       | 1,340                | 990                   | 1,810                 |
| Rock Creek              | 1.21                       | 1,490                | 1,100                 | 2,020                 |
| Rock Creek              | 2.39                       | 2,140                | 1,590                 | 2,900                 |
| Rock Creek              | 2.72                       | 2,340                | 1,730                 | 3,170                 |
| Rock Creek              | 2.96                       | 2,510                | 1,860                 | 3,390                 |
| Rock Creek              | 3.06                       | 2,570                | 1,900                 | 3,470                 |
| Rock Creek              | 3.26                       | 2,690                | 1,990                 | 3,630                 |
| Rock Creek              | 5.45                       | 4,110                | 3,040                 | 5,560                 |
| Rock Creek              | 5.98                       | 4,320                | 3,200                 | 5,850                 |
| Rock Creek              | 6.82                       | 4,820                | 3,560                 | 6,520                 |
| Rock Creek              | 7.49                       | 5,180                | 3,830                 | 7,010                 |
| Rock Creek              | 7.66                       | 5,180                | 3,830                 | 7,010                 |
| Rock Creek              | 8.29                       | 5,620                | 4,150                 | 7,600                 |
| Rock Creek              | 8.52                       | 5,620                | 4,150                 | 7,600                 |
| Rock Creek              | 8.87                       | 5,680                | 4,200                 | 7,680                 |
| Rock Creek Tributary 1  | 0.60                       | 780                  | 580                   | 1,060                 |
| Rock Creek Tributary 1  | 0.70                       | 900                  | 670                   | 1,220                 |
| Rock Creek Tributary 1  | 1.04                       | 1,250                | 920                   | 1,690                 |
| Rocky Creek 1           | 0.16                       | 200                  | 150                   | 270                   |
| Rocky Creek 1           | 0.70                       | 920                  | 680                   | 1,240                 |
| Rocky Creek 1           | 1.24                       | 1,460                | 1,080                 | 1,970                 |
| Rocky Creek 1           | 1.92                       | 1,980                | 1,460                 | 2,680                 |
| Rocky Creek 1           | 3.25                       | 3,220                | 2,380                 | 4,350                 |
| Rocky Creek 1           | 3.71                       | 3,520                | 2,600                 | 4,750                 |
| Rocky Creek 1           | 4.36                       | 3,920                | 2,900                 | 5,300                 |
| Rocky Creek 1           | 7.40                       | 5,850                | 4,330                 | 7,910                 |
| Rocky Creek 1           | 7.49                       | 5,890                | 4,350                 | 7,960                 |
| Rocky Creek 1           | 7.66                       | 5,890                | 4,350                 | 7,960                 |
| Rocky Creek 1           | 11.08                      | 7,830                | 5,790                 | 10,590                |
| Rocky Creek 1           | 17.80                      | 11,090               | 8,200                 | 15,000                |
| Rocky Creek 1           | 18.12                      | 11,090               | 8,200                 | 15,000                |
| Rocky Creek 1           | 18.55                      | 11,090               | 8,200                 | 15,000                |
| Rocky Creek 1           | 20.25                      | 11,480               | 8,490                 | 15,520                |
| Rocky Creek 1           | 20.65                      | 11,560               | 8,550                 | 15,630                |
| Rocky Creek 1           | 22.72                      | 12,250               | 9,060                 | 16,560                |

| Stream Name       | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                   |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Rocky Creek 1     | 23.59                      | 12,550               | 9,280                 | 16,970                |
| Rocky Creek 1     | 23.81                      | 12,560               | 9,280                 | 16,980                |
| Rocky Creek 2     | 84.54                      | 25,180               | 18,620                | 34,050                |
| Rocky Creek 2     | 85.80                      | 25,300               | 18,710                | 34,220                |
| Rocky Creek 2     | 90.75                      | 26,260               | 19,420                | 35,510                |
| Rocky Creek 2     | 90.92                      | 26,260               | 19,420                | 35,510                |
| Rocky Creek 2     | 92.38                      | 26,330               | 19,470                | 35,600                |
| Rocky Creek 2     | 96.52                      | 27,010               | 19,970                | 36,530                |
| Rocky Creek 2     | 97.22                      | 27,010               | 19,970                | 36,530                |
| Rocky Creek 2     | 104.01                     | 28,200               | 20,850                | 38,140                |
| Rocky Creek 2     | 104.14                     | 28,200               | 20,850                | 38,140                |
| Rocky Creek 2     | 105.52                     | 28,200               | 20,850                | 38,140                |
| Rocky Creek 2     | 105.88                     | 28,210               | 20,860                | 38,150                |
| Rocky Creek 2     | 113.06                     | 29,380               | 21,720                | 39,730                |
| Rocky Creek 2     | 113.24                     | 29,380               | 21,720                | 39,730                |
| South Rocky Creek | 0.10                       | 120                  | 90                    | 160                   |
| South Rocky Creek | 0.95                       | 930                  | 690                   | 1,260                 |
| South Rocky Creek | 1.11                       | 1,080                | 800                   | 1,460                 |
| South Rocky Creek | 1.37                       | 1,280                | 950                   | 1,740                 |
| South Rocky Creek | 1.39                       | 1,290                | 960                   | 1,750                 |
| South Rocky Creek | 2.27                       | 1,960                | 1,450                 | 2,660                 |
| South Rocky Creek | 5.34                       | 3,630                | 2,690                 | 4,910                 |
| South Rocky Creek | 5.37                       | 3,650                | 2,700                 | 4,930                 |
| South Rocky Creek | 7.65                       | 4,830                | 3,570                 | 6,530                 |
| South Rocky Creek | 8.10                       | 5,010                | 3,700                 | 6,780                 |
| South Rocky Creek | 8.10                       | 5,010                | 3,700                 | 6,780                 |
| South Rocky Creek | 11.39                      | 6,410                | 4,740                 | 8,670                 |
| South Rocky Creek | 13.67                      | 7,400                | 5,480                 | 10,010                |
| South Rocky Creek | 15.23                      | 8,110                | 6,000                 | 10,970                |
| South Rocky Creek | 15.85                      | 8,310                | 6,140                 | 11,230                |
| South Rocky Creek | 16.68                      | 8,610                | 6,360                 | 11,640                |
| South Rocky Creek | 16.74                      | 8,610                | 6,360                 | 11,640                |
| South Rocky Creek | 20.83                      | 10,110               | 7,470                 | 13,670                |
| South Rocky Creek | 21.05                      | 10,160               | 7,510                 | 13,740                |
| South Rocky Creek | 22.07                      | 10,420               | 7,710                 | 14,100                |
| South Rocky Creek | 25.00                      | 11,420               | 8,450                 | 15,450                |
| South Rocky Creek | 27.33                      | 12,150               | 8,990                 | 16,430                |
| South Rocky Creek | 27.60                      | 12,250               | 9,060                 | 16,570                |
| South Rocky Creek | 27.78                      | 12,260               | 9,060                 | 16,570                |
| South Rocky Creek | 28.04                      | 12,260               | 9,060                 | 16,570                |
| South Rocky Creek | 30.19                      | 12,820               | 9,480                 | 17,330                |
| South Rocky Creek | 32.74                      | 13,410               | 9,920                 | 18,140                |
| South Rocky Creek | 32.99                      | 13,410               | 9,920                 | 18,140                |
| South Rocky Creek | 33.05                      | 13,410               | 9,920                 | 18,140                |

| Stream Name               | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|---------------------------|----------------------------|----------------------|-----------------------|-----------------------|
|                           |                            | (cfs)                | (cfs)                 | (cfs)                 |
| South Rocky Creek         | 39.65                      | 15,360               | 11,360                | 20,770                |
| South Rocky Creek         | 41.30                      | 15,640               | 11,570                | 21,160                |
| South Rocky Creek         | 41.44                      | 15,690               | 11,600                | 21,220                |
| South Rocky Creek         | 41.84                      | 15,690               | 11,600                | 21,220                |
| South Rocky Creek         | 43.94                      | 16,030               | 11,850                | 21,680                |
| South Rocky Creek         | 44.13                      | 16,030               | 11,850                | 21,680                |
| South Rocky Creek         | 46.11                      | 16,480               | 12,190                | 22,290                |
| South Rocky Creek         | 46.26                      | 16,480               | 12,190                | 22,290                |
| South Rocky Creek         | 60.11                      | 19,830               | 14,660                | 26,820                |
| South Rocky Creek         | 60.43                      | 19,830               | 14,660                | 26,820                |
| Stillman Valley Creek     | 0.43                       | 700                  | 520                   | 950                   |
| Stillman Valley Creek     | 0.64                       | 940                  | 690                   | 1,270                 |
| Stillman Valley Creek     | 1.01                       | 1,340                | 990                   | 1,810                 |
| Stillman Valley Creek     | 1.62                       | 1,910                | 1,410                 | 2,590                 |
| Stillman Valley Creek     | 1.71                       | 1,940                | 1,430                 | 2,620                 |
| Stillman Valley Creek     | 2.79                       | 2,850                | 2,110                 | 3,850                 |
| Stillman Valley Creek     | 3.78                       | 3,610                | 2,670                 | 4,880                 |
| Stillman Valley Creek     | 4.06                       | 3,810                | 2,820                 | 5,150                 |
| Stillman Valley Creek     | 4.10                       | 3,820                | 2,820                 | 5,160                 |
| Stillman Valley Creek     | 4.67                       | 4,150                | 3,070                 | 5,610                 |
| Stillman Valley Creek     | 7.87                       | 6,860                | 5,080                 | 9,280                 |
| Stillman Valley Creek     | 8.19                       | 6,970                | 5,150                 | 9,420                 |
| Stillman Valley Creek     | 9.86                       | 8,040                | 5,940                 | 10,870                |
| Stone Quarry Hollow Creek | 1.01                       | 1,080                | 800                   | 1,450                 |
| Stone Quarry Hollow Creek | 1.63                       | 1,570                | 1,160                 | 2,130                 |
| Stone Quarry Hollow Creek | 2.61                       | 2,340                | 1,730                 | 3,160                 |
| Stone Quarry Hollow Creek | 2.89                       | 2,510                | 1,850                 | 3,390                 |
| Stream CC-1               | 0.42                       | 540                  | 400                   | 720                   |
| Stream CC-1               | 0.45                       | 580                  | 430                   | 780                   |
| Stream CC-1               | 1.38                       | 1,970                | 1,460                 | 2,660                 |
| Stream CC-1               | 1.73                       | 2,350                | 1,740                 | 3,180                 |
| Stream CC-1               | 1.76                       | 2,360                | 1,740                 | 3,190                 |
| Stream CC-1               | 1.79                       | 2,360                | 1,740                 | 3,190                 |
| Stream CC-2               | 0.13                       | 240                  | 180                   | 330                   |
| Stream CC-2               | 0.33                       | 550                  | 410                   | 750                   |
| Stream CC-2               | 0.68                       | 1,020                | 750                   | 1,370                 |
| Stream CC-2               | 1.01                       | 1,400                | 1,040                 | 1,900                 |
| Stream CC-2               | 1.32                       | 1,680                | 1,240                 | 2,280                 |
| Stream CC-2               | 1.39                       | 1,730                | 1,280                 | 2,340                 |
| Sycamore Branch           | 0.37                       | 710                  | 530                   | 970                   |
| Sycamore Branch           | 0.72                       | 1,150                | 850                   | 1,560                 |
| Sycamore Branch           | 1.05                       | 1,540                | 1,140                 | 2,090                 |
| Sycamore Branch           | 1.17                       | 1,640                | 1,220                 | 2,220                 |
| Sycamore Branch           | 1.31                       | 1,750                | 1,290                 | 2,360                 |

| Stream Name     | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-----------------|----------------------------|----------------------|-----------------------|-----------------------|
|                 |                            | (cfs)                | (cfs)                 | (cfs)                 |
| Sycamore Branch | 1.53                       | 2,000                | 1,480                 | 2,710                 |
| Trimmier Creek  | 0.35                       | 520                  | 380                   | 700                   |
| Trimmier Creek  | 0.46                       | 620                  | 460                   | 840                   |
| Trimmier Creek  | 1.06                       | 1,070                | 790                   | 1,450                 |
| Trimmier Creek  | 1.16                       | 1,130                | 840                   | 1,530                 |
| Trimmier Creek  | 1.30                       | 1,260                | 930                   | 1,710                 |
| Trimmier Creek  | 2.39                       | 2,150                | 1,590                 | 2,910                 |
| Trimmier Creek  | 2.91                       | 2,510                | 1,850                 | 3,390                 |
| Trimmier Creek  | 7.41                       | 5,410                | 4,000                 | 7,320                 |
| Trimmier Creek  | 7.73                       | 5,480                | 4,050                 | 7,410                 |
| Trimmier Creek  | 7.79                       | 5,480                | 4,050                 | 7,410                 |
| Trimmier Creek  | 8.11                       | 5,620                | 4,160                 | 7,610                 |
| Trimmier Creek  | 8.18                       | 5,640                | 4,170                 | 7,630                 |
| Trimmier Creek  | 11.81                      | 7,610                | 5,630                 | 10,290                |
| Trimmier Creek  | 14.78                      | 9,080                | 6,710                 | 12,280                |
| Trimmier Creek  | 14.89                      | 9,080                | 6,710                 | 12,280                |
| Trimmier Creek  | 15.82                      | 9,180                | 6,790                 | 12,410                |
| Trimmier Creek  | 16.78                      | 9,180                | 6,790                 | 12,410                |
| Trimmier Creek  | 18.97                      | 9,260                | 6,840                 | 12,520                |
| UNT_112         | 0.16                       | 240                  | 180                   | 320                   |
| UNT_112         | 0.21                       | 290                  | 210                   | 390                   |
| UNT_112         | 0.50                       | 640                  | 480                   | 870                   |
| UNT_112         | 1.01                       | 1,180                | 870                   | 1,590                 |
| UNT_112         | 1.24                       | 1,360                | 1,010                 | 1,840                 |
| UNT_112         | 1.26                       | 1,370                | 1,010                 | 1,850                 |
| UNT_112         | 2.44                       | 2,260                | 1,670                 | 3,060                 |
| UNT_112         | 2.96                       | 2,590                | 1,910                 | 3,500                 |
| UNT_113         | 0.88                       | 1,090                | 810                   | 1,480                 |
| UNT_113         | 1.15                       | 1,320                | 980                   | 1,780                 |
| UNT_113         | 1.41                       | 1,550                | 1,140                 | 2,090                 |
| UNT_113         | 2.64                       | 2,450                | 1,810                 | 3,310                 |
| UNT_114         | 1.13                       | 1,420                | 1,050                 | 1,910                 |
| UNT_114         | 2.16                       | 2,450                | 1,810                 | 3,310                 |
| UNT_115         | 0.66                       | 800                  | 590                   | 1,080                 |
| UNT_115         | 1.22                       | 1,270                | 940                   | 1,720                 |
| UNT_115         | 1.96                       | 1,910                | 1,410                 | 2,580                 |
| UNT_115         | 2.09                       | 2,140                | 1,590                 | 2,900                 |
| UNT_116         | 0.11                       | 260                  | 200                   | 360                   |
| UNT_116         | 0.27                       | 540                  | 400                   | 730                   |
| UNT_116         | 0.31                       | 600                  | 450                   | 820                   |
| UNT_116         | 0.62                       | 960                  | 710                   | 1,300                 |
| UNT_117         | 0.76                       | 1,270                | 940                   | 1,720                 |
| UNT_117         | 1.27                       | 1,900                | 1,410                 | 2,570                 |
| UNT_117         | 1.72                       | 2,180                | 1,610                 | 2,940                 |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_118     | 0.92                       | 1,410                | 1,050                 | 1,910                 |
| UNT_118     | 1.95                       | 2,510                | 1,850                 | 3,390                 |
| UNT_119     | 0.38                       | 450                  | 340                   | 610                   |
| UNT_119     | 1.50                       | 1,320                | 980                   | 1,790                 |
| UNT_119     | 1.79                       | 1,540                | 1,140                 | 2,080                 |
| UNT_119     | 2.52                       | 2,060                | 1,520                 | 2,780                 |
| UNT_119     | 3.03                       | 2,380                | 1,760                 | 3,220                 |
| UNT_119     | 3.15                       | 2,440                | 1,810                 | 3,300                 |
| UNT_119     | 3.30                       | 2,560                | 1,900                 | 3,470                 |
| UNT_119     | 3.43                       | 2,710                | 2,000                 | 3,660                 |
| UNT_120     | 0.74                       | 1,420                | 1,050                 | 1,920                 |
| UNT_120     | 1.54                       | 2,660                | 1,960                 | 3,590                 |
| UNT_120     | 1.69                       | 2,660                | 1,960                 | 3,590                 |
| UNT_121     | 0.10                       | 140                  | 100                   | 190                   |
| UNT_121     | 0.78                       | 880                  | 650                   | 1,190                 |
| UNT_121     | 0.93                       | 1,080                | 800                   | 1,460                 |
| UNT_121     | 0.96                       | 1,120                | 830                   | 1,510                 |
| UNT_121     | 1.75                       | 1,920                | 1,420                 | 2,600                 |
| UNT_122     | 1.07                       | 1,320                | 980                   | 1,790                 |
| UNT_123     | 0.62                       | 840                  | 620                   | 1,140                 |
| UNT_123     | 1.18                       | 1,410                | 1,050                 | 1,910                 |
| UNT_123     | 1.54                       | 1,690                | 1,250                 | 2,290                 |
| UNT_123     | 1.65                       | 1,790                | 1,320                 | 2,420                 |
| UNT_124     | 0.81                       | 1,150                | 850                   | 1,560                 |
| UNT_124     | 1.33                       | 1,720                | 1,270                 | 2,330                 |
| UNT_124     | 2.19                       | 2,580                | 1,910                 | 3,490                 |
| UNT_124     | 2.58                       | 2,910                | 2,150                 | 3,940                 |
| UNT_124     | 3.00                       | 3,160                | 2,340                 | 4,280                 |
| UNT_125     | 0.36                       | 580                  | 430                   | 780                   |
| UNT_125     | 0.74                       | 1,020                | 750                   | 1,370                 |
| UNT_126     | 0.44                       | 610                  | 450                   | 820                   |
| UNT_126     | 0.62                       | 750                  | 550                   | 1,010                 |
| UNT_126     | 0.62                       | 750                  | 550                   | 1,010                 |
| UNT_126     | 0.67                       | 780                  | 570                   | 1,050                 |
| UNT_126     | 0.88                       | 980                  | 730                   | 1,330                 |
| UNT_126     | 0.94                       | 1,040                | 770                   | 1,410                 |
| UNT_127     | 0.25                       | 410                  | 300                   | 550                   |
| UNT_128     | 0.10                       | 190                  | 140                   | 250                   |
| UNT_128     | 0.25                       | 450                  | 330                   | 610                   |
| UNT_128     | 0.33                       | 520                  | 380                   | 700                   |
| UNT_129     | 0.09                       | 120                  | 90                    | 160                   |
| UNT_129     | 0.38                       | 450                  | 330                   | 610                   |
| UNT_130     | 0.49                       | 660                  | 490                   | 890                   |
| UNT_130     | 1.43                       | 1,570                | 1,160                 | 2,120                 |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_131     | 0.04                       | 42                   | 31                    | 57                    |
| UNT_131     | 0.10                       | 120                  | 90                    | 160                   |
| UNT_131     | 0.51                       | 470                  | 350                   | 630                   |
| UNT_131     | 0.77                       | 630                  | 460                   | 850                   |
| UNT_131     | 0.89                       | 770                  | 570                   | 1,040                 |
| UNT_132     | 1.26                       | 2,180                | 1,610                 | 2,950                 |
| UNT_132     | 1.41                       | 2,180                | 1,610                 | 2,950                 |
| UNT_133     | 0.78                       | 1,480                | 1,090                 | 2,000                 |
| UNT_134     | 0.32                       | 590                  | 440                   | 800                   |
| UNT_134     | 0.35                       | 640                  | 470                   | 870                   |
| UNT_134     | 0.62                       | 960                  | 710                   | 1,290                 |
| UNT_135     | 0.25                       | 500                  | 370                   | 680                   |
| UNT_135     | 0.70                       | 1,080                | 800                   | 1,460                 |
| UNT_135     | 1.39                       | 1,880                | 1,390                 | 2,540                 |
| UNT_135     | 2.28                       | 2,320                | 1,720                 | 3,140                 |
| UNT_136     | 1.66                       | 1,710                | 1,260                 | 2,310                 |
| UNT_136     | 2.40                       | 2,000                | 1,480                 | 2,710                 |
| UNT_137     | 0.11                       | 190                  | 140                   | 250                   |
| UNT_137     | 0.15                       | 240                  | 180                   | 320                   |
| UNT_137     | 0.69                       | 760                  | 560                   | 1,020                 |
| UNT_138     | 0.61                       | 920                  | 680                   | 1,240                 |
| UNT_139     | 0.25                       | 540                  | 400                   | 730                   |
| UNT_139     | 0.26                       | 540                  | 400                   | 730                   |
| UNT_140     | 0.28                       | 510                  | 380                   | 690                   |
| UNT_140     | 0.32                       | 550                  | 410                   | 750                   |
| UNT_140     | 0.34                       | 590                  | 440                   | 800                   |
| UNT_141     | 0.23                       | 440                  | 320                   | 590                   |
| UNT_141     | 0.77                       | 1,250                | 920                   | 1,690                 |
| UNT_142     | 0.10                       | 240                  | 180                   | 330                   |
| UNT_142     | 0.41                       | 770                  | 570                   | 1,040                 |
| UNT_142     | 0.44                       | 790                  | 580                   | 1,070                 |
| UNT_143     | 0.25                       | 490                  | 360                   | 660                   |
| UNT_143     | 0.31                       | 620                  | 460                   | 830                   |
| UNT_144     | 0.14                       | 340                  | 250                   | 460                   |
| UNT_144     | 0.69                       | 880                  | 650                   | 1,190                 |
| UNT_144     | 0.98                       | 1,190                | 880                   | 1,620                 |
| UNT_144     | 1.16                       | 1,420                | 1,050                 | 1,920                 |
| UNT_145     | 0.45                       | 750                  | 550                   | 1,010                 |
| UNT_146     | 0.77                       | 1,140                | 840                   | 1,540                 |
| UNT_147     | 0.05                       | 81                   | 60                    | 110                   |
| UNT_147     | 0.14                       | 190                  | 140                   | 250                   |
| UNT_147     | 0.27                       | 320                  | 240                   | 430                   |
| UNT_147     | 0.29                       | 340                  | 250                   | 460                   |
| UNT_148     | 0.62                       | 730                  | 540                   | 980                   |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_148     | 0.72                       | 890                  | 660                   | 1,200                 |
| UNT_149     | 0.52                       | 620                  | 460                   | 840                   |
| UNT_149     | 0.66                       | 800                  | 590                   | 1,080                 |
| UNT_150     | 0.13                       | 330                  | 240                   | 450                   |
| UNT_150     | 0.17                       | 390                  | 290                   | 530                   |
| UNT_151     | 0.63                       | 740                  | 540                   | 1,000                 |
| UNT_152     | 0.49                       | 690                  | 510                   | 930                   |
| UNT_153     | 0.09                       | 170                  | 130                   | 230                   |
| UNT_154     | 0.10                       | 140                  | 100                   | 190                   |
| UNT_154     | 0.13                       | 180                  | 130                   | 240                   |
| UNT_154     | 0.14                       | 190                  | 140                   | 260                   |
| UNT_155     | 0.50                       | 570                  | 420                   | 770                   |
| UNT_156     | 0.24                       | 350                  | 260                   | 470                   |
| UNT_156     | 0.32                       | 470                  | 350                   | 640                   |
| UNT_157     | 0.28                       | 350                  | 260                   | 480                   |
| UNT_157     | 0.32                       | 410                  | 310                   | 560                   |
| UNT_157     | 0.48                       | 570                  | 420                   | 770                   |
| UNT_157     | 0.98                       | 1,190                | 880                   | 1,610                 |
| UNT_158     | 0.33                       | 560                  | 410                   | 760                   |
| UNT_159     | 0.10                       | 140                  | 110                   | 190                   |
| UNT_159     | 0.35                       | 540                  | 400                   | 730                   |
| UNT_160     | 0.60                       | 650                  | 480                   | 880                   |
| UNT_160     | 0.80                       | 880                  | 650                   | 1,190                 |
| UNT_161     | 0.10                       | 160                  | 110                   | 210                   |
| UNT_161     | 0.16                       | 270                  | 200                   | 370                   |
| UNT_162     | 0.29                       | 320                  | 240                   | 430                   |
| UNT_162     | 0.56                       | 670                  | 490                   | 900                   |
| UNT_162     | 0.88                       | 950                  | 710                   | 1,290                 |
| UNT_162     | 0.90                       | 1,100                | 810                   | 1,490                 |
| UNT_163     | 0.28                       | 370                  | 270                   | 500                   |
| UNT_164     | 0.17                       | 220                  | 170                   | 300                   |
| UNT_164     | 0.19                       | 270                  | 200                   | 370                   |
| UNT_164     | 0.29                       | 470                  | 350                   | 640                   |
| UNT_165     | 0.23                       | 290                  | 210                   | 390                   |
| UNT_165     | 0.41                       | 510                  | 380                   | 690                   |
| UNT_165     | 0.71                       | 840                  | 620                   | 1,140                 |
| UNT_165     | 0.76                       | 940                  | 700                   | 1,280                 |
| UNT_165     | 0.87                       | 1,080                | 800                   | 1,460                 |
| UNT_165     | 1.00                       | 1,250                | 920                   | 1,690                 |
| UNT_166     | 0.21                       | 330                  | 250                   | 450                   |
| UNT_166     | 0.27                       | 410                  | 310                   | 560                   |
| UNT_167     | 0.10                       | 170                  | 130                   | 230                   |
| UNT_167     | 0.11                       | 200                  | 150                   | 280                   |
| UNT_168     | 0.16                       | 200                  | 150                   | 280                   |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_168     | 0.35                       | 510                  | 380                   | 690                   |
| UNT_169     | 0.16                       | 200                  | 150                   | 280                   |
| UNT_169     | 0.22                       | 270                  | 200                   | 360                   |
| UNT_169     | 0.27                       | 320                  | 240                   | 440                   |
| UNT_169     | 0.31                       | 370                  | 280                   | 510                   |
| UNT_169     | 0.34                       | 400                  | 290                   | 530                   |
| UNT_169     | 0.55                       | 610                  | 450                   | 820                   |
| UNT_170     | 0.08                       | 110                  | 78                    | 140                   |
| UNT_170     | 0.20                       | 280                  | 200                   | 370                   |
| UNT_170     | 0.24                       | 310                  | 230                   | 420                   |
| UNT_170     | 0.39                       | 470                  | 350                   | 630                   |
| UNT_170     | 0.47                       | 580                  | 430                   | 790                   |
| UNT_171     | 0.20                       | 230                  | 170                   | 310                   |
| UNT_171     | 0.73                       | 700                  | 520                   | 950                   |
| UNT_172     | 0.21                       | 200                  | 150                   | 270                   |
| UNT_172     | 0.58                       | 560                  | 410                   | 760                   |
| UNT_173     | 0.04                       | 58                   | 43                    | 78                    |
| UNT_174     | 0.59                       | 1,150                | 850                   | 1,550                 |
| UNT_174     | 0.64                       | 1,150                | 850                   | 1,560                 |
| UNT_174     | 0.76                       | 1,330                | 980                   | 1,790                 |
| UNT_174     | 1.04                       | 1,730                | 1,280                 | 2,340                 |
| UNT_174     | 1.19                       | 1,800                | 1,330                 | 2,440                 |
| UNT_174     | 1.35                       | 1,990                | 1,470                 | 2,690                 |
| UNT_174     | 1.48                       | 2,080                | 1,540                 | 2,810                 |
| UNT_175     | 0.41                       | 760                  | 560                   | 1,030                 |
| UNT_175     | 0.62                       | 1,000                | 740                   | 1,350                 |
| UNT_175     | 0.87                       | 1,300                | 960                   | 1,750                 |
| UNT_175     | 1.41                       | 2,020                | 1,490                 | 2,730                 |
| UNT_175     | 1.88                       | 2,370                | 1,750                 | 3,200                 |
| UNT_176     | 0.40                       | 830                  | 620                   | 1,130                 |
| UNT_176     | 0.87                       | 1,420                | 1,050                 | 1,920                 |
| UNT_176     | 1.51                       | 2,310                | 1,710                 | 3,120                 |
| UNT_176     | 1.66                       | 2,510                | 1,850                 | 3,390                 |
| UNT_176     | 2.03                       | 2,910                | 2,150                 | 3,940                 |
| UNT_177     | 1.16                       | 1,380                | 1,020                 | 1,870                 |
| UNT_178     | 0.64                       | 950                  | 710                   | 1,290                 |
| UNT_178     | 1.48                       | 1,760                | 1,300                 | 2,390                 |
| UNT_178     | 2.08                       | 2,260                | 1,670                 | 3,060                 |
| UNT_178     | 2.21                       | 2,320                | 1,720                 | 3,140                 |
| UNT_178     | 2.25                       | 2,330                | 1,730                 | 3,160                 |
| UNT_178     | 3.24                       | 3,200                | 2,360                 | 4,320                 |
| UNT_178     | 3.54                       | 3,330                | 2,470                 | 4,510                 |
| UNT_178     | 4.95                       | 4,250                | 3,140                 | 5,750                 |
| UNT_178     | 5.03                       | 4,270                | 3,160                 | 5,780                 |



| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_178     | 5.41                       | 4,500                | 3,330                 | 6,080                 |
| UNT_178     | 5.73                       | 4,720                | 3,490                 | 6,390                 |
| UNT_178     | 6.84                       | 5,350                | 3,960                 | 7,240                 |
| UNT_178     | 7.15                       | 5,530                | 4,090                 | 7,480                 |
| UNT_179     | 0.24                       | 360                  | 270                   | 490                   |
| UNT_179     | 1.73                       | 2,100                | 1,550                 | 2,840                 |
| UNT_179     | 2.11                       | 2,460                | 1,820                 | 3,330                 |
| UNT_179     | 2.68                       | 2,740                | 2,020                 | 3,700                 |
| UNT_180     | 0.34                       | 660                  | 490                   | 900                   |
| UNT_180     | 1.19                       | 1,400                | 1,030                 | 1,890                 |
| UNT_180     | 1.34                       | 1,520                | 1,130                 | 2,060                 |
| UNT_180     | 1.47                       | 1,580                | 1,170                 | 2,140                 |
| UNT_181     | 1.07                       | 1,130                | 830                   | 1,520                 |
| UNT_181     | 1.17                       | 1,260                | 930                   | 1,710                 |
| UNT_182     | 0.11                       | 180                  | 130                   | 240                   |
| UNT_182     | 0.90                       | 1,120                | 830                   | 1,510                 |
| UNT_182     | 1.00                       | 1,220                | 900                   | 1,650                 |
| UNT_182     | 1.17                       | 1,390                | 1,030                 | 1,880                 |
| UNT_182     | 2.15                       | 2,390                | 1,770                 | 3,240                 |
| UNT_183     | 0.60                       | 760                  | 560                   | 1,020                 |
| UNT_183     | 1.16                       | 1,360                | 1,000                 | 1,830                 |
| UNT_183     | 1.34                       | 1,510                | 1,120                 | 2,050                 |
| UNT_184     | 1.38                       | 1,620                | 1,200                 | 2,200                 |
| UNT_185     | 0.10                       | 160                  | 120                   | 220                   |
| UNT_185     | 0.48                       | 680                  | 500                   | 920                   |
| UNT_185     | 0.95                       | 1,180                | 870                   | 1,590                 |
| UNT_185     | 1.27                       | 1,510                | 1,110                 | 2,040                 |
| UNT_185     | 1.29                       | 1,510                | 1,120                 | 2,050                 |
| UNT_185     | 1.75                       | 1,860                | 1,380                 | 2,520                 |
| UNT_186     | 0.32                       | 450                  | 330                   | 610                   |
| UNT_186     | 0.50                       | 650                  | 480                   | 870                   |
| UNT_186     | 0.72                       | 860                  | 630                   | 1,160                 |
| UNT_186     | 0.74                       | 870                  | 650                   | 1,180                 |
| UNT_186     | 1.01                       | 1,140                | 840                   | 1,540                 |
| UNT_186     | 1.13                       | 1,240                | 910                   | 1,670                 |
| UNT_186     | 1.28                       | 1,370                | 1,010                 | 1,850                 |
| UNT_186     | 1.75                       | 1,760                | 1,300                 | 2,380                 |
| UNT_186     | 1.81                       | 1,800                | 1,330                 | 2,440                 |
| UNT_186     | 2.18                       | 2,060                | 1,520                 | 2,780                 |
| UNT_187     | 0.34                       | 400                  | 300                   | 550                   |
| UNT_187     | 0.44                       | 500                  | 370                   | 680                   |
| UNT_187     | 0.46                       | 530                  | 390                   | 720                   |
| UNT_187     | 0.63                       | 700                  | 510                   | 940                   |
| UNT_187     | 0.81                       | 890                  | 660                   | 1,200                 |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_187     | 0.91                       | 980                  | 730                   | 1,330                 |
| UNT_187     | 0.93                       | 1,020                | 760                   | 1,380                 |
| UNT_187     | 1.30                       | 1,380                | 1,020                 | 1,870                 |
| UNT_187     | 1.53                       | 1,620                | 1,190                 | 2,180                 |
| UNT_188     | 1.50                       | 1,440                | 1,060                 | 1,950                 |
| UNT_188     | 1.88                       | 1,800                | 1,330                 | 2,430                 |
| UNT_188     | 3.92                       | 3,380                | 2,500                 | 4,560                 |
| UNT_188     | 4.27                       | 3,560                | 2,630                 | 4,810                 |
| UNT_189     | 1.11                       | 1,250                | 920                   | 1,690                 |
| UNT_190     | 0.17                       | 360                  | 270                   | 490                   |
| UNT_190     | 0.36                       | 690                  | 510                   | 940                   |
| UNT_190     | 0.51                       | 960                  | 710                   | 1,300                 |
| UNT_190     | 0.52                       | 960                  | 710                   | 1,300                 |
| UNT_190     | 1.13                       | 1,810                | 1,340                 | 2,440                 |
| UNT_190     | 1.35                       | 2,030                | 1,500                 | 2,750                 |
| UNT_190     | 1.62                       | 2,260                | 1,670                 | 3,050                 |
| UNT_191     | 0.43                       | 560                  | 410                   | 750                   |
| UNT_191     | 0.62                       | 720                  | 530                   | 980                   |
| UNT_191     | 1.00                       | 1,040                | 770                   | 1,400                 |
| UNT_191     | 1.70                       | 1,660                | 1,230                 | 2,250                 |
| UNT_191     | 2.71                       | 2,400                | 1,780                 | 3,250                 |
| UNT_192     | 0.14                       | 190                  | 140                   | 250                   |
| UNT_192     | 1.03                       | 1,150                | 850                   | 1,550                 |
| UNT_193     | 0.25                       | 480                  | 350                   | 650                   |
| UNT_193     | 0.96                       | 1,320                | 980                   | 1,790                 |
| UNT_193     | 1.30                       | 1,640                | 1,220                 | 2,220                 |
| UNT_193     | 1.43                       | 1,750                | 1,290                 | 2,360                 |
| UNT_193     | 1.44                       | 1,750                | 1,290                 | 2,360                 |
| UNT_193     | 2.29                       | 2,450                | 1,810                 | 3,320                 |
| UNT_193     | 9.96                       | 7,280                | 5,390                 | 9,850                 |
| UNT_194     | 1.35                       | 1,140                | 850                   | 1,550                 |
| UNT_194     | 2.58                       | 2,010                | 1,490                 | 2,720                 |
| UNT_194     | 2.82                       | 2,190                | 1,620                 | 2,970                 |
| UNT_194     | 4.84                       | 3,420                | 2,530                 | 4,630                 |
| UNT_195     | 0.16                       | 230                  | 170                   | 300                   |
| UNT_195     | 1.03                       | 1,050                | 780                   | 1,430                 |
| UNT_195     | 1.36                       | 1,380                | 1,020                 | 1,860                 |
| UNT_196     | 1.49                       | 1,430                | 1,060                 | 1,930                 |
| UNT_197     | 0.18                       | 230                  | 170                   | 320                   |
| UNT_197     | 0.94                       | 1,190                | 880                   | 1,610                 |
| UNT_197     | 1.26                       | 1,490                | 1,100                 | 2,010                 |
| UNT_197     | 2.64                       | 2,700                | 2,000                 | 3,650                 |
| UNT_198     | 0.22                       | 280                  | 210                   | 390                   |
| UNT_198     | 1.03                       | 1,000                | 740                   | 1,350                 |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_198     | 1.08                       | 1,030                | 760                   | 1,390                 |
| UNT_198     | 1.09                       | 1,040                | 770                   | 1,410                 |
| UNT_199     | 0.10                       | 120                  | 91                    | 170                   |
| UNT_199     | 0.53                       | 590                  | 440                   | 800                   |
| UNT_199     | 0.60                       | 650                  | 480                   | 880                   |
| UNT_199     | 1.48                       | 1,380                | 1,020                 | 1,870                 |
| UNT_199     | 1.74                       | 1,590                | 1,170                 | 2,150                 |
| UNT_200     | 0.95                       | 1,130                | 840                   | 1,530                 |
| UNT_200     | 1.07                       | 1,260                | 930                   | 1,710                 |
| UNT_200     | 1.09                       | 1,280                | 950                   | 1,740                 |
| UNT_200     | 1.28                       | 1,420                | 1,050                 | 1,920                 |
| UNT_200     | 1.31                       | 1,450                | 1,070                 | 1,960                 |
| UNT_201     | 0.10                       | 160                  | 120                   | 220                   |
| UNT_201     | 0.30                       | 450                  | 340                   | 610                   |
| UNT_201     | 0.45                       | 620                  | 460                   | 840                   |
| UNT_201     | 0.46                       | 630                  | 460                   | 850                   |
| UNT_201     | 0.67                       | 860                  | 640                   | 1,160                 |
| UNT_201     | 0.87                       | 1,050                | 780                   | 1,430                 |
| UNT_201     | 0.99                       | 1,230                | 910                   | 1,670                 |
| UNT_202     | 0.40                       | 810                  | 600                   | 1,090                 |
| UNT_202     | 0.68                       | 1,180                | 870                   | 1,590                 |
| UNT_203     | 0.63                       | 1,100                | 820                   | 1,490                 |
| UNT_204     | 0.38                       | 730                  | 540                   | 980                   |
| UNT_204     | 0.70                       | 1,160                | 860                   | 1,570                 |
| UNT_205     | 0.63                       | 1,070                | 790                   | 1,440                 |
| UNT_206     | 0.40                       | 460                  | 340                   | 620                   |
| UNT_206     | 0.93                       | 980                  | 720                   | 1,320                 |
| UNT_206     | 1.01                       | 1,060                | 790                   | 1,440                 |
| UNT_207     | 0.27                       | 360                  | 260                   | 480                   |
| UNT_207     | 0.59                       | 740                  | 550                   | 1,000                 |
| UNT_208     | 0.75                       | 880                  | 650                   | 1,190                 |
| UNT_208     | 0.94                       | 1,070                | 790                   | 1,440                 |
| UNT_208     | 1.59                       | 1,690                | 1,250                 | 2,280                 |
| UNT_208     | 1.62                       | 1,710                | 1,260                 | 2,310                 |
| UNT_209     | 0.50                       | 570                  | 420                   | 770                   |
| UNT_210     | 0.11                       | 170                  | 120                   | 230                   |
| UNT_210     | 0.76                       | 920                  | 680                   | 1,250                 |
| UNT_210     | 0.92                       | 1,120                | 830                   | 1,520                 |
| UNT_210     | 1.36                       | 1,600                | 1,180                 | 2,170                 |
| UNT_210     | 1.44                       | 1,700                | 1,260                 | 2,300                 |
| UNT_211     | 1.23                       | 1,790                | 1,320                 | 2,410                 |
| UNT_212     | 1.19                       | 1,400                | 1,040                 | 1,890                 |
| UNT_213     | 0.53                       | 880                  | 650                   | 1,190                 |
| UNT_214     | 0.45                       | 630                  | 470                   | 850                   |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_214     | 0.51                       | 690                  | 510                   | 940                   |
| UNT_215     | 0.51                       | 980                  | 730                   | 1,330                 |
| UNT_215     | 0.69                       | 1,180                | 880                   | 1,600                 |
| UNT_216     | 0.12                       | 180                  | 130                   | 240                   |
| UNT_216     | 0.21                       | 290                  | 210                   | 390                   |
| UNT_217     | 0.10                       | 150                  | 110                   | 200                   |
| UNT_217     | 0.15                       | 230                  | 170                   | 320                   |
| UNT_218     | 0.26                       | 570                  | 420                   | 770                   |
| UNT_218     | 1.03                       | 1,740                | 1,280                 | 2,350                 |
| UNT_219     | 0.11                       | 280                  | 200                   | 370                   |
| UNT_220     | 0.29                       | 540                  | 400                   | 730                   |
| UNT_221     | 0.10                       | 200                  | 150                   | 270                   |
| UNT_221     | 0.19                       | 380                  | 280                   | 520                   |
| UNT_222     | 0.38                       | 610                  | 450                   | 820                   |
| UNT_223     | 0.19                       | 330                  | 240                   | 440                   |
| UNT_224     | 0.72                       | 900                  | 670                   | 1,220                 |
| UNT_224     | 0.77                       | 980                  | 720                   | 1,320                 |
| UNT_224     | 0.79                       | 1,020                | 750                   | 1,380                 |
| UNT_225     | 0.18                       | 260                  | 190                   | 350                   |
| UNT_225     | 0.24                       | 340                  | 250                   | 460                   |
| UNT_225     | 0.30                       | 440                  | 330                   | 600                   |
| UNT_226     | 0.28                       | 410                  | 300                   | 550                   |
| UNT_227     | 0.14                       | 190                  | 140                   | 260                   |
| UNT_227     | 0.19                       | 240                  | 180                   | 330                   |
| UNT_227     | 0.43                       | 600                  | 450                   | 810                   |
| UNT_227     | 0.58                       | 750                  | 560                   | 1,020                 |
| UNT_227     | 0.91                       | 1,150                | 850                   | 1,560                 |
| UNT_228     | 0.10                       | 160                  | 120                   | 210                   |
| UNT_228     | 0.12                       | 190                  | 140                   | 250                   |
| UNT_228     | 0.15                       | 220                  | 160                   | 300                   |
| UNT_229     | 0.14                       | 220                  | 160                   | 290                   |
| UNT_229     | 0.26                       | 390                  | 280                   | 520                   |
| UNT_230     | 2.25                       | 960                  | 710                   | 1,300                 |
| UNT_230     | 0.26                       | 290                  | 210                   | 390                   |
| UNT_230     | 0.39                       | 410                  | 300                   | 550                   |
| UNT_230     | 0.50                       | 500                  | 370                   | 680                   |
| UNT_230     | 0.56                       | 560                  | 420                   | 760                   |
| UNT_230     | 0.61                       | 600                  | 440                   | 810                   |
| UNT_230     | 0.96                       | 930                  | 680                   | 1,250                 |
| UNT_231     | 0.24                       | 350                  | 260                   | 470                   |
| UNT_231     | 0.30                       | 430                  | 320                   | 580                   |
| UNT_231     | 0.32                       | 460                  | 340                   | 630                   |
| UNT_232     | 0.25                       | 540                  | 400                   | 730                   |
| UNT_232     | 0.28                       | 600                  | 440                   | 810                   |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_233     | 0.10                       | 190                  | 140                   | 260                   |
| UNT_233     | 0.14                       | 270                  | 200                   | 360                   |
| UNT_233     | 0.42                       | 720                  | 530                   | 980                   |
| UNT_233     | 0.78                       | 1,160                | 850                   | 1,560                 |
| UNT_234     | 0.10                       | 210                  | 150                   | 280                   |
| UNT_235     | 0.09                       | 160                  | 110                   | 210                   |
| UNT_236     | 0.47                       | 770                  | 570                   | 1,040                 |
| UNT_237     | 0.19                       | 280                  | 200                   | 370                   |
| UNT_237     | 0.41                       | 590                  | 440                   | 800                   |
| UNT_238     | 0.47                       | 650                  | 480                   | 880                   |
| UNT_238     | 0.54                       | 720                  | 530                   | 980                   |
| UNT_238     | 0.60                       | 810                  | 600                   | 1,090                 |
| UNT_239     | 0.28                       | 470                  | 350                   | 640                   |
| UNT_239     | 0.30                       | 500                  | 370                   | 680                   |
| UNT_240     | 0.76                       | 1,400                | 1,040                 | 1,890                 |
| UNT_240     | 0.83                       | 1,430                | 1,060                 | 1,940                 |
| UNT_241     | 0.67                       | 910                  | 670                   | 1,230                 |
| UNT_242     | 1.28                       | 530                  | 390                   | 710                   |
| UNT_242     | 0.28                       | 360                  | 270                   | 490                   |
| UNT_242     | 0.29                       | 370                  | 280                   | 510                   |
| UNT_242     | 0.31                       | 390                  | 290                   | 530                   |
| UNT_242     | 0.37                       | 480                  | 350                   | 650                   |
| UNT_243     | 0.16                       | 190                  | 140                   | 250                   |
| UNT_243     | 0.23                       | 250                  | 180                   | 330                   |
| UNT_243     | 0.23                       | 260                  | 190                   | 350                   |
| UNT_243     | 0.26                       | 300                  | 220                   | 410                   |
| UNT_244     | 0.05                       | 80                   | 60                    | 110                   |
| UNT_245     | 0.03                       | 49                   | 36                    | 67                    |
| UNT_245     | 0.09                       | 140                  | 110                   | 190                   |
| UNT_245     | 0.54                       | 710                  | 530                   | 970                   |
| UNT_245     | 0.54                       | 730                  | 540                   | 980                   |
| UNT_246     | 0.96                       | 1,150                | 850                   | 1,560                 |
| UNT_247     | 0.51                       | 760                  | 570                   | 1,030                 |
| UNT_248     | 0.25                       | 280                  | 210                   | 380                   |
| UNT_248     | 0.39                       | 420                  | 310                   | 560                   |
| UNT_248     | 0.57                       | 580                  | 430                   | 780                   |
| UNT_248     | 0.84                       | 780                  | 580                   | 1,050                 |
| UNT_248     | 1.48                       | 1,290                | 950                   | 1,740                 |
| UNT_248     | 1.82                       | 1,510                | 1,110                 | 2,040                 |
| UNT_249     | 0.67                       | 810                  | 600                   | 1,100                 |
| UNT_249     | 1.11                       | 1,260                | 930                   | 1,700                 |
| UNT_249     | 1.16                       | 1,320                | 980                   | 1,790                 |
| UNT_250     | 1.20                       | 1,290                | 950                   | 1,750                 |
| UNT_251     | 0.08                       | 140                  | 100                   | 190                   |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_251     | 0.24                       | 320                  | 230                   | 430                   |
| UNT_251     | 0.39                       | 490                  | 360                   | 660                   |
| UNT_251     | 0.41                       | 520                  | 380                   | 700                   |
| UNT_251     | 1.21                       | 1,250                | 920                   | 1,690                 |
| UNT_251     | 1.94                       | 1,880                | 1,390                 | 2,550                 |
| UNT_251     | 3.06                       | 2,730                | 2,020                 | 3,690                 |
| UNT_251     | 3.43                       | 2,960                | 2,190                 | 4,000                 |
| UNT_251     | 3.68                       | 3,090                | 2,280                 | 4,180                 |
| UNT_251     | 4.39                       | 3,570                | 2,640                 | 4,830                 |
| UNT_252     | 0.34                       | 520                  | 390                   | 710                   |
| UNT_252     | 0.55                       | 790                  | 580                   | 1,060                 |
| UNT_252     | 1.04                       | 1,320                | 980                   | 1,790                 |
| UNT_253     | 1.32                       | 1,520                | 1,130                 | 2,060                 |
| UNT_254     | 1.17                       | 1,430                | 1,060                 | 1,930                 |
| UNT_254     | 1.66                       | 1,770                | 1,310                 | 2,390                 |
| UNT_254     | 2.52                       | 2,290                | 1,690                 | 3,100                 |
| UNT_255     | 1.83                       | 2,290                | 1,690                 | 3,090                 |
| UNT_255     | 1.95                       | 2,330                | 1,720                 | 3,150                 |
| UNT_255     | 2.03                       | 2,360                | 1,750                 | 3,200                 |
| UNT_255     | 2.45                       | 2,660                | 1,960                 | 3,590                 |
| UNT_255     | 1.53                       | 4,060                | 3,010                 | 5,500                 |
| UNT_256     | 0.46                       | 700                  | 520                   | 940                   |
| UNT_256     | 1.29                       | 1,520                | 1,120                 | 2,050                 |
| UNT_257     | 0.14                       | 200                  | 150                   | 270                   |
| UNT_257     | 0.91                       | 1,050                | 780                   | 1,420                 |
| UNT_257     | 1.21                       | 1,330                | 990                   | 1,800                 |
| UNT_257     | 2.92                       | 2,590                | 1,920                 | 3,510                 |
| UNT_257     | 5.20                       | 4,180                | 3,090                 | 5,650                 |
| UNT_257     | 5.81                       | 4,530                | 3,350                 | 6,130                 |
| UNT_257     | 6.26                       | 4,650                | 3,440                 | 6,290                 |
| UNT_258     | 1.67                       | 1,770                | 1,310                 | 2,390                 |
| UNT_259     | 0.66                       | 750                  | 550                   | 1,010                 |
| UNT_259     | 1.48                       | 1,340                | 990                   | 1,810                 |
| UNT_260     | 0.94                       | 920                  | 680                   | 1,250                 |
| UNT_260     | 1.46                       | 1,360                | 1,010                 | 1,840                 |
| UNT_260     | 2.48                       | 2,150                | 1,590                 | 2,910                 |
| UNT_260     | 3.02                       | 2,510                | 1,850                 | 3,390                 |
| UNT_261     | 0.17                       | 260                  | 190                   | 350                   |
| UNT_261     | 1.00                       | 1,050                | 780                   | 1,430                 |
| UNT_261     | 1.20                       | 1,240                | 910                   | 1,670                 |
| UNT_262     | 1.24                       | 1,250                | 930                   | 1,690                 |
| UNT_262     | 1.52                       | 1,500                | 1,110                 | 2,030                 |
| UNT_263     | 1.10                       | 1,290                | 960                   | 1,750                 |
| UNT_264     | 1.02                       | 1,100                | 810                   | 1,480                 |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_264     | 1.25                       | 1,330                | 980                   | 1,800                 |
| UNT_265     | 0.18                       | 280                  | 210                   | 380                   |
| UNT_265     | 0.91                       | 1,170                | 870                   | 1,590                 |
| UNT_265     | 1.56                       | 1,710                | 1,270                 | 2,320                 |
| UNT_265     | 1.90                       | 2,000                | 1,480                 | 2,710                 |
| UNT_265     | 2.06                       | 2,100                | 1,550                 | 2,840                 |
| UNT_266     | 0.66                       | 700                  | 520                   | 950                   |
| UNT_266     | 1.58                       | 1,690                | 1,250                 | 2,290                 |
| UNT_266     | 2.32                       | 2,200                | 1,630                 | 2,980                 |
| UNT_266     | 2.79                       | 2,560                | 1,890                 | 3,460                 |
| UNT_266     | 3.77                       | 3,250                | 2,410                 | 4,400                 |
| UNT_267     | 0.11                       | 140                  | 100                   | 180                   |
| UNT_267     | 0.71                       | 740                  | 550                   | 1,000                 |
| UNT_267     | 1.32                       | 1,200                | 890                   | 1,630                 |
| UNT_267     | 1.33                       | 1,200                | 890                   | 1,630                 |
| UNT_267     | 1.43                       | 1,280                | 950                   | 1,730                 |
| UNT_267     | 1.51                       | 1,330                | 990                   | 1,800                 |
| UNT_267     | 1.59                       | 1,380                | 1,020                 | 1,870                 |
| UNT_267     | 1.63                       | 1,420                | 1,050                 | 1,920                 |
| UNT_268     | 0.83                       | 900                  | 670                   | 1,220                 |
| UNT_268     | 1.68                       | 1,720                | 1,270                 | 2,330                 |
| UNT_269     | 1.08                       | 1,230                | 910                   | 1,670                 |
| UNT_270     | 0.10                       | 120                  | 89                    | 160                   |
| UNT_270     | 0.83                       | 780                  | 580                   | 1,060                 |
| UNT_270     | 1.64                       | 1,390                | 1,030                 | 1,890                 |
| UNT_270     | 1.99                       | 1,650                | 1,220                 | 2,230                 |
| UNT_270     | 2.13                       | 1,740                | 1,290                 | 2,360                 |
| UNT_271     | 0.14                       | 150                  | 110                   | 200                   |
| UNT_271     | 0.82                       | 790                  | 590                   | 1,070                 |
| UNT_271     | 1.10                       | 990                  | 730                   | 1,330                 |
| UNT_271     | 1.94                       | 1,780                | 1,320                 | 2,410                 |
| UNT_271     | 2.57                       | 2,170                | 1,600                 | 2,930                 |
| UNT_271     | 3.30                       | 2,720                | 2,010                 | 3,680                 |
| UNT_271     | 3.98                       | 3,150                | 2,330                 | 4,260                 |
| UNT_272     | 0.10                       | 110                  | 80                    | 150                   |
| UNT_272     | 0.58                       | 640                  | 470                   | 870                   |
| UNT_272     | 1.68                       | 1,550                | 1,150                 | 2,100                 |
| UNT_272     | 1.71                       | 1,560                | 1,150                 | 2,110                 |
| UNT_272     | 1.89                       | 1,690                | 1,250                 | 2,290                 |
| UNT_272     | 2.77                       | 2,290                | 1,690                 | 3,100                 |
| UNT_272     | 2.79                       | 2,300                | 1,700                 | 3,110                 |
| UNT_273     | 0.10                       | 120                  | 87                    | 160                   |
| UNT_273     | 0.97                       | 990                  | 730                   | 1,340                 |
| UNT_273     | 1.25                       | 1,240                | 920                   | 1,680                 |

| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_273     | 1.37                       | 1,350                | 1,000                 | 1,830                 |
| UNT_274     | 0.12                       | 190                  | 140                   | 260                   |
| UNT_274     | 0.99                       | 1,160                | 860                   | 1,570                 |
| UNT_274     | 1.26                       | 1,410                | 1,040                 | 1,900                 |
| UNT_275     | 0.10                       | 180                  | 140                   | 250                   |
| UNT_275     | 1.51                       | 1,610                | 1,190                 | 2,180                 |
| UNT_275     | 1.69                       | 1,750                | 1,300                 | 2,370                 |
| UNT_276     | 0.10                       | 150                  | 110                   | 200                   |
| UNT_276     | 1.04                       | 1,060                | 780                   | 1,430                 |
| UNT_276     | 1.11                       | 1,110                | 820                   | 1,500                 |
| UNT_276     | 1.36                       | 1,260                | 930                   | 1,710                 |
| UNT_276     | 1.39                       | 1,290                | 950                   | 1,740                 |
| UNT_277     | 1.38                       | 1,460                | 1,080                 | 1,980                 |
| UNT_277     | 1.61                       | 1,660                | 1,230                 | 2,240                 |
| UNT_277     | 1.71                       | 1,700                | 1,260                 | 2,300                 |
| UNT_277     | 2.07                       | 2,010                | 1,480                 | 2,710                 |
| UNT_277     | 2.23                       | 2,120                | 1,570                 | 2,870                 |
| UNT_278     | 0.26                       | 320                  | 240                   | 430                   |
| UNT_278     | 1.00                       | 1,020                | 760                   | 1,380                 |
| UNT_278     | 1.07                       | 1,060                | 790                   | 1,440                 |
| UNT_278     | 1.36                       | 1,310                | 970                   | 1,770                 |
| UNT_278     | 2.51                       | 2,220                | 1,640                 | 3,010                 |
| UNT_278     | 3.68                       | 3,030                | 2,240                 | 4,100                 |
| UNT_278     | 3.74                       | 3,080                | 2,280                 | 4,170                 |
| UNT_279     | 0.92                       | 1,000                | 740                   | 1,350                 |
| UNT_279     | 1.03                       | 1,080                | 800                   | 1,460                 |
| UNT_280     | 0.10                       | 120                  | 86                    | 160                   |
| UNT_280     | 1.00                       | 1,040                | 770                   | 1,400                 |
| UNT_280     | 1.80                       | 1,710                | 1,260                 | 2,310                 |
| UNT_281     | 0.12                       | 180                  | 130                   | 240                   |
| UNT_281     | 0.98                       | 880                  | 650                   | 1,190                 |
| UNT_281     | 1.61                       | 1,400                | 1,040                 | 1,900                 |
| UNT_281     | 3.40                       | 2,680                | 1,980                 | 3,630                 |
| UNT_281     | 4.15                       | 3,160                | 2,340                 | 4,270                 |
| UNT_282     | 1.75                       | 1,630                | 1,210                 | 2,210                 |
| UNT_283     | 1.33                       | 1,270                | 940                   | 1,710                 |
| UNT_284     | 0.89                       | 1,130                | 840                   | 1,530                 |
| UNT_284     | 1.23                       | 1,430                | 1,050                 | 1,930                 |
| UNT_284     | 1.67                       | 1,700                | 1,260                 | 2,300                 |
| UNT_285     | 1.23                       | 1,090                | 800                   | 1,470                 |
| UNT_285     | 1.41                       | 1,220                | 900                   | 1,650                 |
| UNT_286     | 0.75                       | 850                  | 630                   | 1,150                 |
| UNT_286     | 1.03                       | 1,030                | 760                   | 1,390                 |
| UNT_286     | 1.98                       | 1,870                | 1,390                 | 2,530                 |



| Stream Name | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|-------------|----------------------------|----------------------|-----------------------|-----------------------|
|             |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_286     | 2.23                       | 1,940                | 1,440                 | 2,630                 |
| UNT_287     | 0.63                       | 750                  | 550                   | 1,010                 |
| UNT_287     | 1.36                       | 1,450                | 1,080                 | 1,970                 |
| UNT_288     | 0.25                       | 360                  | 270                   | 490                   |
| UNT_288     | 0.34                       | 500                  | 370                   | 670                   |
| UNT_288     | 0.66                       | 920                  | 680                   | 1,240                 |
| UNT_288     | 1.10                       | 1,430                | 1,060                 | 1,930                 |
| UNT_288     | 1.37                       | 1,740                | 1,290                 | 2,350                 |
| UNT_289     | 0.12                       | 240                  | 170                   | 320                   |
| UNT_289     | 0.22                       | 360                  | 270                   | 490                   |
| UNT_290     | 0.57                       | 690                  | 510                   | 930                   |
| UNT_291     | 0.10                       | 160                  | 120                   | 220                   |
| UNT_291     | 0.18                       | 290                  | 210                   | 390                   |
| UNT_291     | 0.63                       | 880                  | 650                   | 1,190                 |
| UNT_292     | 0.26                       | 410                  | 300                   | 550                   |
| UNT_294     | 0.76                       | 1,220                | 900                   | 1,650                 |
| UNT_295     | 0.71                       | 850                  | 630                   | 1,150                 |
| UNT_296     | 0.11                       | 260                  | 190                   | 350                   |
| UNT_296     | 0.21                       | 420                  | 310                   | 570                   |
| UNT_297     | 0.79                       | 680                  | 500                   | 920                   |
| UNT_298     | 0.10                       | 190                  | 140                   | 250                   |
| UNT_298     | 0.22                       | 390                  | 290                   | 530                   |
| UNT_299     | 0.32                       | 570                  | 420                   | 780                   |
| UNT_300     | 0.25                       | 440                  | 330                   | 600                   |
| UNT_301     | 0.10                       | 200                  | 150                   | 270                   |
| UNT_301     | 0.11                       | 240                  | 180                   | 330                   |
| UNT_302     | 0.10                       | 130                  | 99                    | 180                   |
| UNT_302     | 0.47                       | 630                  | 470                   | 850                   |
| UNT_303     | 0.69                       | 690                  | 510                   | 930                   |
| UNT_304     | 0.45                       | 610                  | 450                   | 830                   |
| UNT_304     | 0.89                       | 1,040                | 770                   | 1,410                 |
| UNT_673     | 0.04                       | 61                   | 45                    | 83                    |
| UNT_673     | 0.42                       | 660                  | 490                   | 900                   |
| UNT_680     | 0.27                       | 340                  | 250                   | 460                   |
| UNT_680     | 0.38                       | 450                  | 330                   | 610                   |
| UNT_681     | 0.08                       | 100                  | 76                    | 140                   |
| UNT_681     | 0.09                       | 120                  | 85                    | 160                   |
| UNT_683     | 0.14                       | 180                  | 130                   | 240                   |
| UNT_683     | 0.91                       | 1,070                | 790                   | 1,440                 |
| UNT_684     | 1.10                       | 1,100                | 810                   | 1,490                 |
| UNT_684     | 1.51                       | 1,420                | 1,050                 | 1,920                 |
| UNT_684     | 2.20                       | 1,960                | 1,450                 | 2,650                 |
| UNT_685     | 0.10                       | 230                  | 170                   | 310                   |
| UNT_685     | 0.69                       | 860                  | 640                   | 1,170                 |

| Stream Name   | Drainage Area<br>(sq. mi.) | 1% Peak<br>Discharge | 1%- Peak<br>Discharge | 1%+ Peak<br>Discharge |
|---------------|----------------------------|----------------------|-----------------------|-----------------------|
|               |                            | (cfs)                | (cfs)                 | (cfs)                 |
| UNT_686       | 0.13                       | 160                  | 120                   | 220                   |
| UNT_686       | 0.99                       | 1,090                | 800                   | 1,470                 |
| UNT_687       | 0.12                       | 170                  | 130                   | 230                   |
| UNT_687       | 0.75                       | 840                  | 620                   | 1,130                 |
| UNT_688       | 0.11                       | 140                  | 110                   | 190                   |
| UNT_688       | 0.83                       | 900                  | 670                   | 1,220                 |
| UNT_688       | 0.90                       | 1,020                | 760                   | 1,380                 |
| UNT_701       | 0.16                       | 210                  | 160                   | 290                   |
| UNT_702       | 0.09                       | 160                  | 120                   | 220                   |
| UNT_703       | 0.09                       | 200                  | 140                   | 260                   |
| UNT_704       | 0.33                       | 520                  | 390                   | 710                   |
| UNT_705       | 0.88                       | 1,250                | 930                   | 1,690                 |
| UNT_706       | 0.32                       | 510                  | 380                   | 690                   |
| UNT_707       | 0.12                       | 240                  | 170                   | 320                   |
| Wilson Branch | 0.11                       | 160                  | 120                   | 220                   |
| Wilson Branch | 0.64                       | 790                  | 580                   | 1,070                 |
| Wilson Branch | 2.80                       | 2,340                | 1,730                 | 3,160                 |
| Wilson Branch | 2.82                       | 2,380                | 1,760                 | 3,220                 |
| Wilson Branch | 5.81                       | 4,570                | 3,380                 | 6,180                 |
| Wilson Branch | 6.14                       | 4,670                | 3,450                 | 6,310                 |
| Wilson Branch | 6.26                       | 4,720                | 3,490                 | 6,380                 |
| Yowell Creek  | 0.07                       | 100                  | 75                    | 140                   |
| Yowell Creek  | 0.53                       | 590                  | 430                   | 790                   |
| Yowell Creek  | 0.54                       | 610                  | 450                   | 820                   |
| Yowell Creek  | 0.62                       | 670                  | 500                   | 910                   |
| Yowell Creek  | 0.84                       | 880                  | 650                   | 1,190                 |
| Yowell Creek  | 1.09                       | 1,070                | 790                   | 1,440                 |
| Yowell Creek  | 1.18                       | 1,130                | 840                   | 1,530                 |
| Yowell Creek  | 2.32                       | 2,000                | 1,480                 | 2,700                 |
| Yowell Creek  | 2.35                       | 2,010                | 1,480                 | 2,720                 |