

Lower Colorado-Cummins Watershed, TX

Base Level Engineering (BLE) Results

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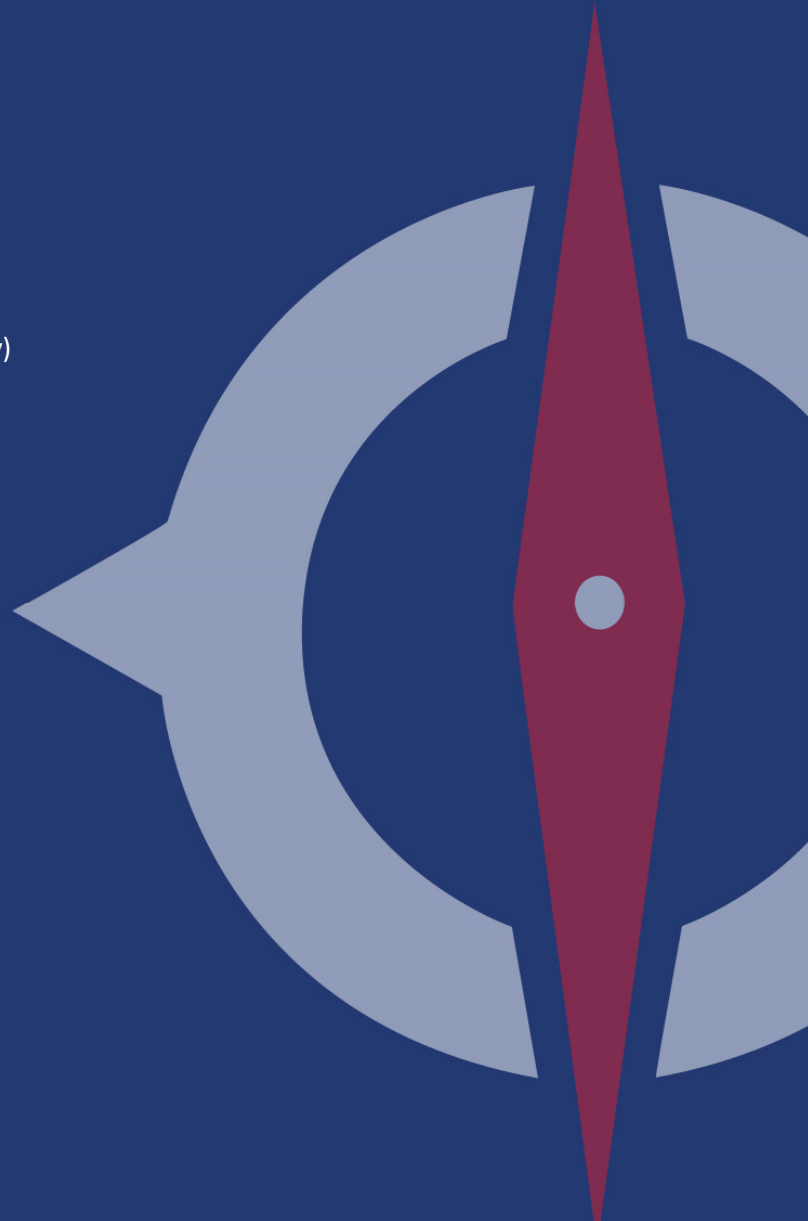
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Executive Summary

FEMA Region VI contracted Compass to complete a Base Level Engineering (BLE) analysis for the HUC-8 watershed Lower Colorado Cummins (LCC) 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 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 4.1.0 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	Colorado River Stream Miles
CNMS	2,136
Total	2,136

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	1723.6
Unverified	To be Studied	439.4

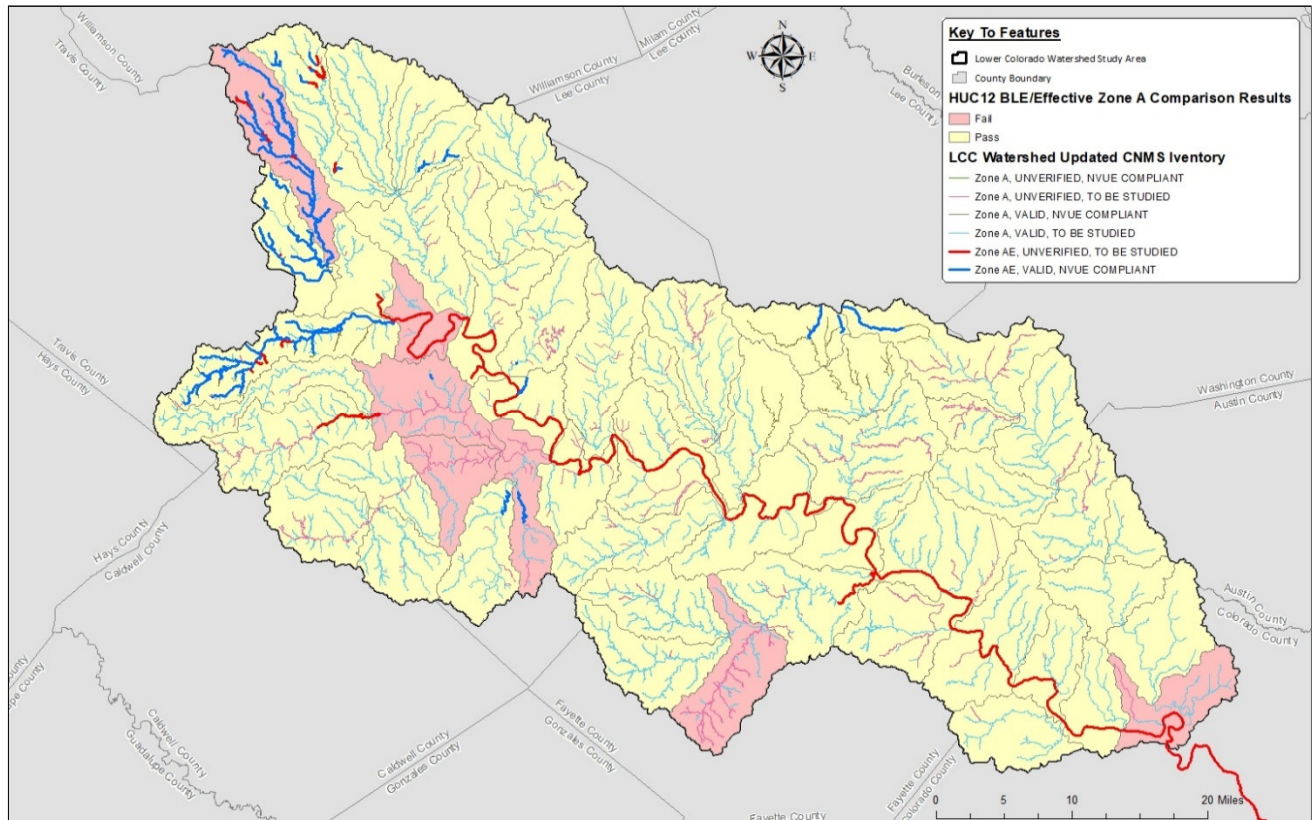


Figure ES-1: Lower Colorado Cummins Watershed CNMS Validation Results

An overall risk for each HUC-12 watershed was calculated using the National Flood Risk Percentages Dataset and its proportional area. The weighted risk was multiplied by the percentage of points in the watershed that failed the CNMS comparison to effective to determine the priority score. Figure ES-2 below shows the range of the Lower Colorado Cummins Watershed HUC-8 priority scores which can be used to initiate discussions during the Discovery phase.

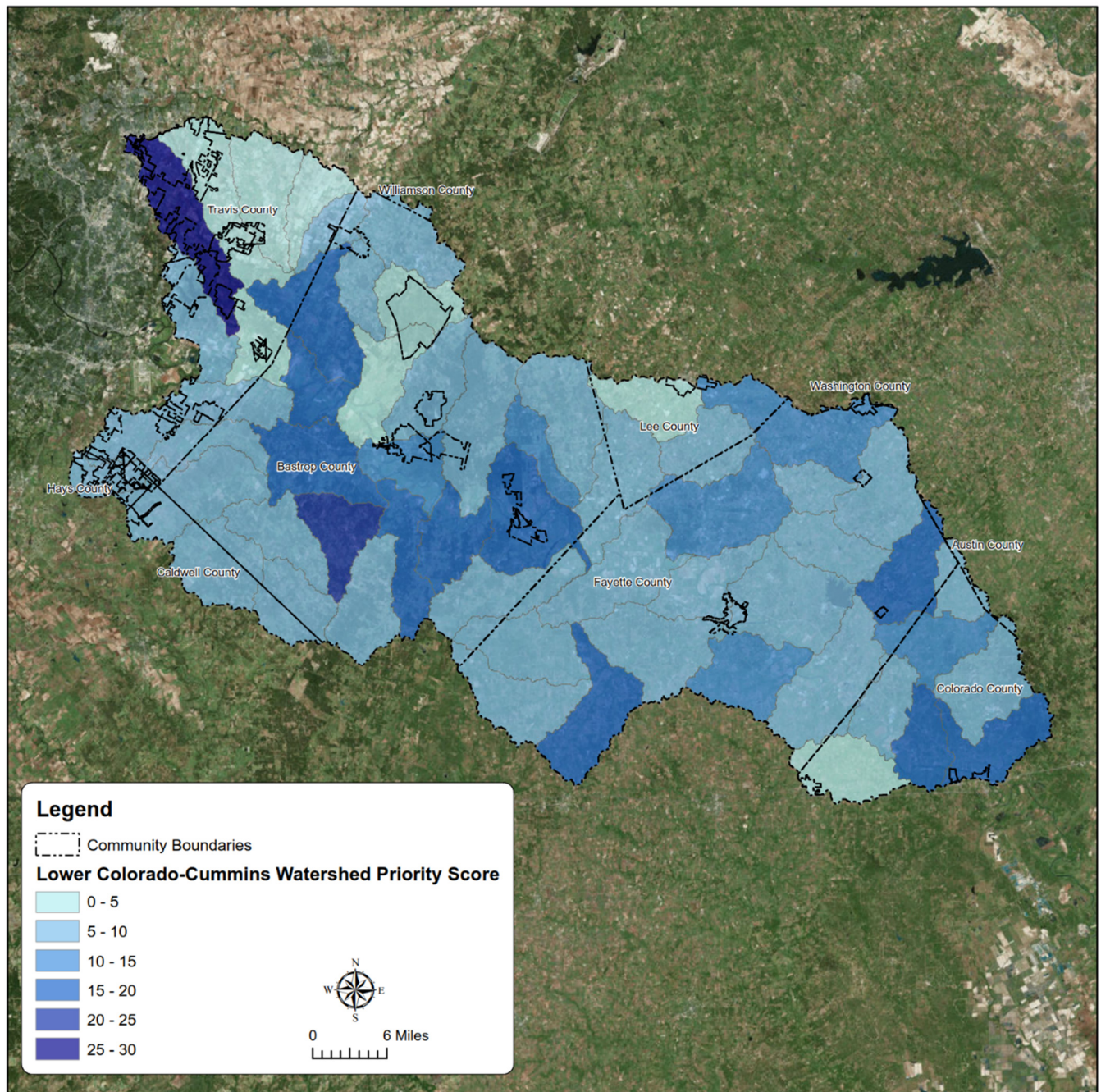


Figure ES-2: Ranking of Lower Colorado Cummins Watershed HUC-12s



Base Level Engineering (BLE) Methodology

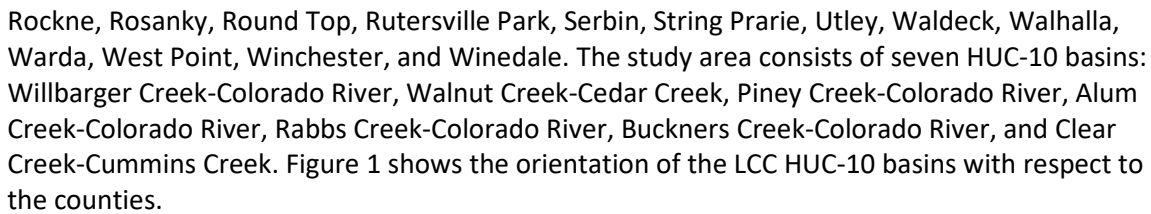
Recent innovations and efficiencies in floodplain mapping have allowed the U.S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) to develop a process called Base Level Engineering (BLE), which can be used to address current program challenges, including the validation of Zone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

FEMA Region VI contracted Compass to complete a BLE analysis for the Lower Colorado Cummins Watershed in Central Texas to support FEMA's Discovery process and validation of effective Zone A Special Flood Hazard Areas (SFHA). The study extents include portions of Travis, Bastrop, Caldwell, Lee, Fayette, Washington, Austin and Colorado Counties, and include the following communities: the Cities of Bastrop, Elgin, Fayetteville, La Grange, Manor, Pflugerville, Smithville, and Webberville. As well as the towns Alum Creek, Bateman, Borden, Butler, Carl, Cedar Creek, Cistern, Colony, Creedmore, Dale, Dessau, Ellinger, Elroy, Floy, Frelsburg, Garfield, Hillcrest, Holman, Kirtley, Kova, Ledbetter, Lone Oak, McDade, McNeil, Mendoza, Muldoon, Mullins, Mustange Ridge, Nechanitz, New Ulm, Northrup, Oldenburg, Pilot Knob, Plum, Prarie, Rek Hill,



Compass studied approximately 2,136 miles of stream reaches within the Lower Colorado Watershed with a minimum drainage area tolerance of one square mile. The selection and extent of stream reaches studied were based upon the number of stream miles with a minimum drainage area of one square mile and not the number of effective Zone A stream miles. Study reaches were extended above this threshold as appropriate to ensure all effective Zone A 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.

Topographic data from multiple sources were used to determine the hydrologic and hydraulic characteristics of the watershed. Topographic data was obtained from the Texas Water Development Board (TWDB), StratMap and Texas Natural Resources Information System (TNRIS).



All available metadata, survey reports, and other leverage documentation are available with the source dataset. Figure 2 shows the extents of the source Digital Terrain Model (DTM) data used for the Lower Colorado Cummins Watershed.

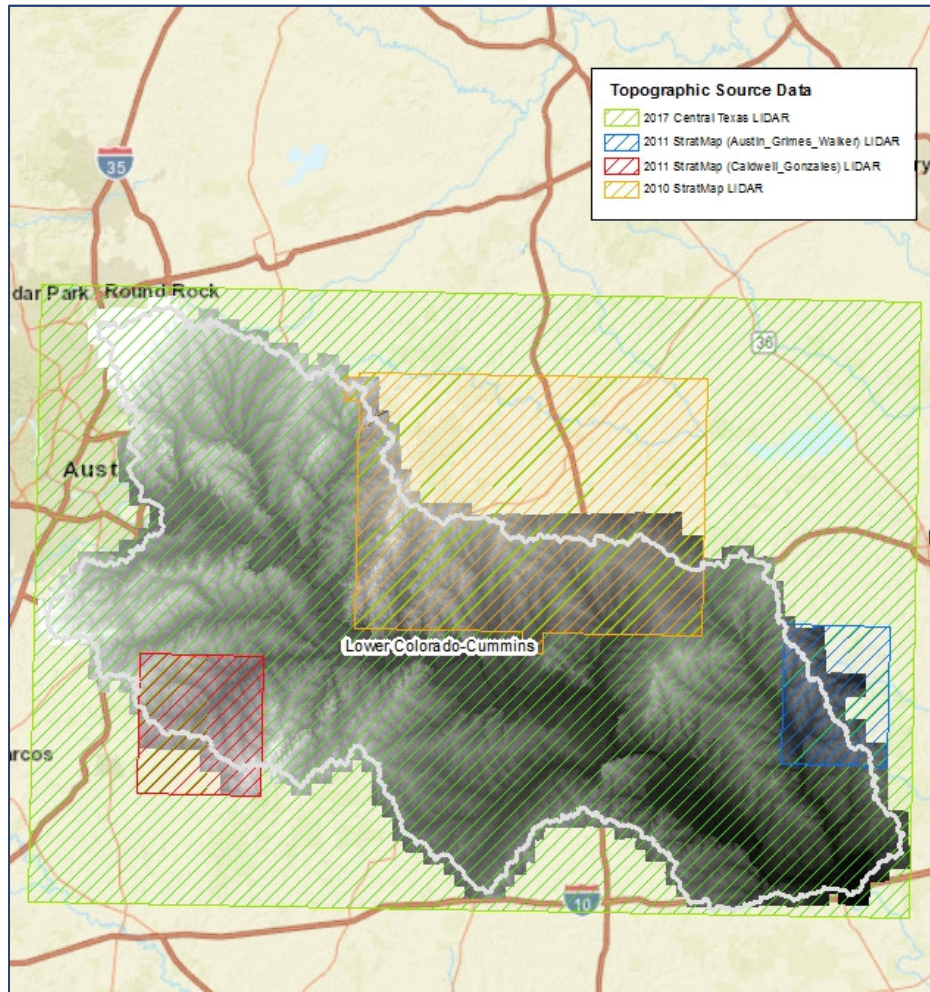


Figure 2: Extent of LiDAR Data for Lower Colorado Cummins Watershed

1.1.1 Source Terrain Data

1.1.1.1 2017 Central Texas LIDAR

The 2017 Central Texas LIDAR project consists of approximately 6,570 square miles and is located in Central Texas around the I-35 corridor from Williamson County to Bexar County. The project includes large metropolitan areas as well as various vegetation classifications spanning farmland to dense forest. The Austin and La Grange AOIs consist of approximately 5,682 square miles and were acquired between January 28 and March 22, 2017. The RMSEz reported for the dataset was .186 m at the 95% confidence level which meets project accuracy specifications of the National Standard for Spatial Data Accuracy (NSSDA).



1.1.1.2 2011 StratMap Austin/Grimes LIDAR

The 2011 StratMap Austin/Grimes/Walker LIDAR project area is 840 tiles covering approximately 3300 square miles in the Austin / Walker counties of Texas. The project design of the LIDAR data acquisition was developed to support a nominal post spacing of 0.5 meter. The AeroMetric, Inc. acquisition covered 440 flights lines in 51 lifts from January 8, 2011 through February 3, 2011. The RMSEz reported for the dataset was .21 Meters at the 95% confidence level which meet project accuracy specifications of the National Standard for Spatial Data Accuracy (NSSDA).

1.1.1.3 2011 StratMap Caldwell/Gonzales LIDAR

The 2011 StratMap Caldwell/Gonzales LIDAR project area is 802 DOQQ tiles covering approximately 3241 square miles in the central region of Texas. The project design of the LIDAR data acquisition was developed to support a nominal post spacing of 4 points per square meter. The dates of acquisition were from February 4, 2011 to March 5, 2011. The RMSEz reported for the dataset was 20 cm at the 95% confidence level which meet project accuracy specifications of the National Standard for Spatial Data Accuracy (NSSDA).

1.1.1.4 2010 TNRIS LIDAR

The 2010 TNRIS LIDAR was acquired by Photo Science Inc. (PSI) between June 27, 2009 and July 8, 2009. The project area is 360 tiles covering Lee and Milam counties of Texas. The RMSEz reported for the dataset was .21 Meters at the 95% confidence level which meet project accuracy specifications of the National Standard for Spatial Data Accuracy (NSSDA).

1.1.1.5 Terrain Data Processing

The LiDAR data were processed in Environmental System Research Institute (ESRI) ArcGIS software to create a composite Digital Terrain Model (DTM) dataset for the project area. The outputs from the processing described above were used during the hydrology, hydraulics, and floodplain mapping processes.

The Watershed Information System (WISE) software platform was utilized in order to create a digital surface model for the Lower Colorado Cummins Watershed project area. This module allows source data from a variety of sources to be prioritized based on level of accuracy or preference of the user.

For the Lower Colorado Cummins Watershed, the 2017 Central Texas LIDAR was given the highest priority with the 2011 StratMap Austin/Grimes/Walker LIDAR prioritized second, 2011 StratMap Caldwell/Gonzales LIDAR prioritized third, and 2010 TNRIS LIDAR was lowest priority. These datasets were used as the data sources for creating the 10-foot and 50-ft DEMs.

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



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

After the DEM was imported, an additional 50-foot DEM was created from the same mosaic and tile index used for the 10-ft DEM. This 50-foot DEM was used for hydro enforcement of the project area. Proprietary software was used to identify natural sinks, peaks and flat areas in the 50-foot DEM surface. Elevations of the cells in the DEM were algorithmically calculated and the best path to route flow was determined without filling sinks in the DEM. Once all calculations were completed, the flow was checked confirming that all drainage flowed downstream correctly and routed to outside of the HUC-8 basin.

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

1.2 Hydrology

Flood discharges for this study were calculated using 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 Watershed Information System (WISE) software was used to delineate drainage basins in shapefile format using the 50-foot DEM. WISE was also used to calculate the main-channel slope for each basin. The basin shapefile attribution was automated by WISE with drainage area, main-channel slope, and precipitation.

Table 1 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, Ω represents the OmegaEM parameter, and A represents cumulative drainage area in square miles.



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

Recurrence Interval	Equation
Q _{10%}	$P^{1.203} \times S^{0.403} \times 10^{[0.918\Omega + 13.62 - 11.97A^{(-0.0289)}]}$
Q _{4%}	$P^{1.140} \times S^{0.446} \times 10^{[0.945\Omega + 11.79 - 9.819A^{(-0.0374)}]}$
Q _{2%}	$P^{1.105} \times S^{0.476} \times 10^{[0.961\Omega + 11.17 - 8.997A^{(-0.0424)}]}$
Q _{1%}	$P^{1.071} \times S^{0.507} \times 10^{[0.969\Omega + 10.82 - 8.448A^{(-0.0467)}]}$
Q _{0.2%}	$P^{0.988} \times S^{0.569} \times 10^{[0.976\Omega + 10.40 - 7.605A^{(-0.0554)}]}$
Variables: Q _i , peak flow for i recurrence interval annual chance exceedence in cubic feet per second; P, mean annual precipitation, in inches; S, Main-channel slope (dimensionless); Ω, OmegaEM parameter; A, cumulative drainage area, in square miles	

Discharges for the 1-percent plus and 1-percent minus annual chance event were calculated as $Q_{1\% \pm} = Q_{1\%} \pm 10^{1.6 \times 0.30}$, where 0.30 is the mean residual standard error for the Q_{1%} equation.

The mean annual precipitation values were determined based on a shapefile coverage obtained from the Texas Water Development Board (TWDB) and available for download at the following location: http://www.twdb.texas.gov/mapping/gisdata/doc/Precipitation_Shapefile.zip The annual precipitation values reflect data for the climatological period 1981-2010 as recorded by the Natural Resources Conservation Service (NRCS).

Main-channel slope was calculated in WISE. 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 shapefile was developed and populated with OmegaEM values based on Figure 2 in SIR 2009-5087. This shapefile was used, along with a python script in ArcCatalog, to determine OmegaEM values on a sub-basin basis. For sub-basins spanning more than one OmegaEM grid, the sub-basin's centroid determined its OmegaEM parameter.

Automated basin delineations were performed in WISE. Basin break points were set by the user with a sub-basin target size of one square mile. This criterion was adjusted for the main stem of the Colorado River to avoid excessive and unnecessary discharge breaks. Break points were also set immediately upstream of stream confluences. Cumulative drainage area was determined based on these automated delineations performed by WISE in combination with a stream connectivity routine that defined the stream reach segments with upstream and downstream neighbors.



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

1.2.1 Flood Frequency Analyses

A flood frequency analyses was prepared for the Lower Colorado Cummins watershed. Peak annual discharge from five USGS gages and six Lower Colorado River Authority (LCRA) gages were processed to generate frequency discharges at each gage. Table 2 presents the gages included in the flood frequency analysis including the source of the data, location of the gage, period of record and stream the gage is located on. Figure3 shows the locations of USGS and LCRA gages utilized in the flood frequency analyses.

Table 2: Flood Frequency Analyses Stream Gages

Gage Number	Gage Name	Period of Record
USGS 08158000	Colorado Rv Austin, TX	1942 – 2017
USGS 08159200	Colorado Rv at Bastrop, TX	1961 – 2017
USGS 08159500	Colorado Rv at Smithville, TX	1942 – 1975, 1998 - 2017
USGS 08160400	Colorado Rv at La Grange, TX	1989 – 2017
USGS 08161000	Colorado Rv at Columbus, TX	1942 – 2017
LCRA 5473	Big Sandy Creek near Elgin	2003-2018
LCRA 5608	Buckners Creek near Muldoon	1997-2018
LCRA 5523	Cedar Creek below Bastrop	2000-2018
LCRA 5696	Cummins Creek near Frelsburg	1997-2018
LCRA 5417	Gilleland Creek near Manor	1994-2018
LCRA 5464	Wilbarger Creek near Elgin	2002-2018

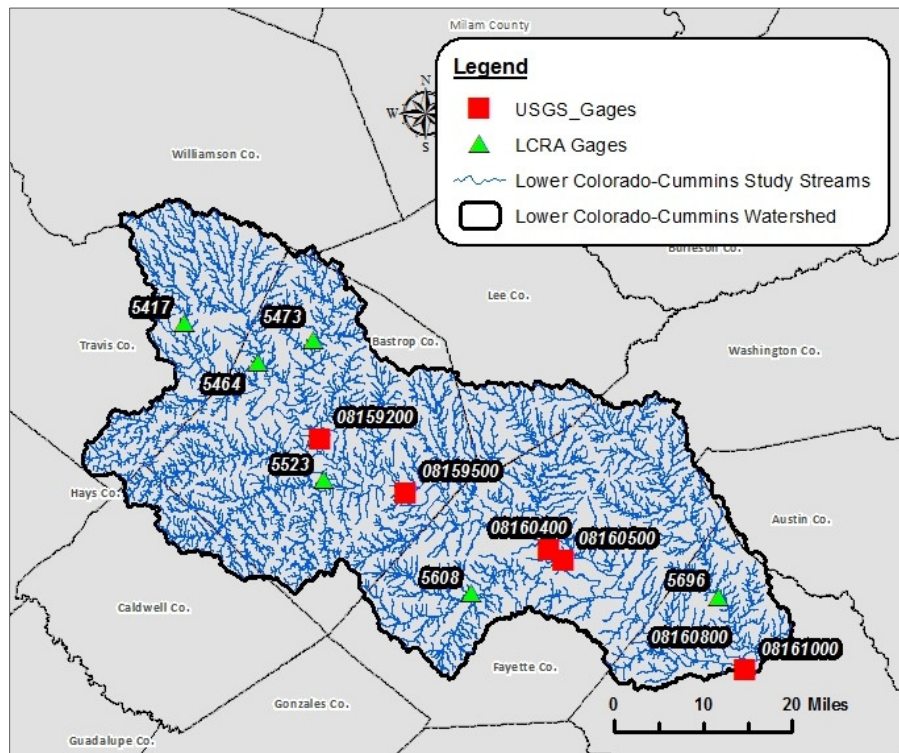


Figure 3: Locations of USGS and LCRA Gages Utilized in the Flood Frequency Analyses

Peak annual discharges for the mainstem Colorado River was determined with a flood frequency analysis of five USGS gages located in Austin, Bastrop, Smithville, La Grange, and Columbus, Texas. Mansfield Dam, which creates Lake Travis in the western part of Austin, is located approximately 43 miles upstream of the Lower Colorado Cummins watershed. Because of this, dam operations play a prominent role in determining discharges during large rainfall events in the study area. To account for the effect of dam operations on the mainstem discharges only data collected after the dam was built were used in the frequency discharge analysis. The gage data were processed using the USGS PeakFQ software to generate frequency discharges at each gage. Table 3 show the PeakFQ frequency discharges results for the mainstem Colorado River. Additional discharge breaks were included along the main stem by using a weighted average based on drainage area.

Table 3. PeakFQ Frequency Discharge (cfs) Results at Five Lower Colorado River USGS Streamflow Gages

Gage	10% annual chance event	4% annual chance event	2% annual chance event	1% Minus	1% annual chance event	1% Plus	2% annual chance event
Austin	31,770	46,050	58,640	62,150	72,970	87,780	114,000
Bastrop	58,370	83,280	103,600	102,300	125,100	158,100	179,300
Smithville	69,520	100,500	125,900	123,300	152,900	196,900	221,200



Gage	10% annual chance event	4% annual chance event	2% annual chance event	1% Minus	1% annual chance event	1% Plus	2% annual chance event
La Grange	78,860	116,800	148,700	135,800	183,500	267,000	274,600
Columbus	73,150	99,270	119,300	119,300	139,500	166,900	186,900

A flood frequency analysis was computed for each LCRA gage to determine the peak discharges for the tributaries of the Colorado River within the watershed using the USGS "Guidelines for Determining Flood Flow Frequency, Bulletin #17B", revised September 1982. The 2009 regression models predict lower 100-year streamflow values than the flood frequency analyses on gages located in the Lower Colorado Cummins watersheds. Therefore, a frequency adjustment factor is recommended for the 2009 regression equations.

For each storm recurrence interval and regression model, a constant " α " was computed from the trend line equations to adjust the 2009 regression model streamflow predictions to the flood frequency analyses. The 100-year computed trend line and α -factor is shown in Figure 4. The α -factors were applied as a constant multiplier to the regression equations to obtain the adjusted flows. The computed α -factors are given in **Error! Reference source not found.4**.

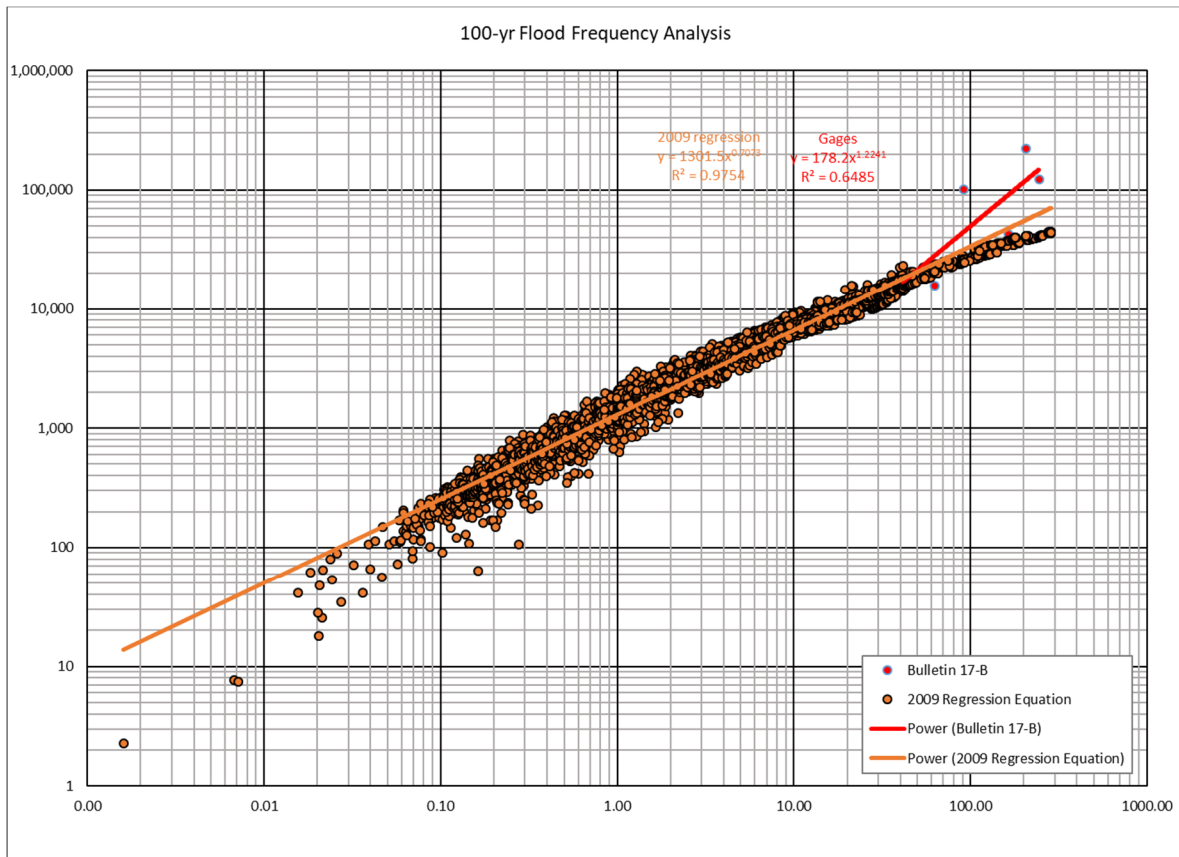


Figure 4: 100-Year Flood Frequency Analysis

Table 4: Computed α -Factors

Frequency Event	Tributary α -Factor
10% annual chance event	1.34
4% annual chance event	1.49
2% annual chance event	1.58
1% annual chance event	1.65
0.2% annual chance event	1.80

1.3 Hydraulics

The hydraulic approach for this BLE analysis of the Lower Colorado Cummins Watershed consisted of using the terrain model described in Section 1.1 in combination with the hydrologic outputs from Section 1.2 to establish water surface elevations using 1-D steady state analysis. The Hydrologic Engineering Center's River Analysis System (HEC-RAS) program version 4.1.0 was chosen as the computer model to compute water surface elevations on a stream by stream basis. The WISE software was used to establish model stream orientation, generate initial hydraulic cross section layout and stationing, assign n-values to cross sections, and develop all input files for the HEC-RAS program. ESRI's ArcMap program was used to review and refine cross-section layout orientation.

First pass cross-section layout was performed using an automated routine in WISE based on the cumulative drainage area at the cross-section location. A first draft model was created based on this initial cross-section layout, and draft boundaries were developed. At this stage, a second pass inspection for cross-section placement occurred. Significant refinement occurred during this step. 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. Orientation of cross-sections was refined to improve on the perpendicular orientation to flow. Additional cross-sections were added at floodplain constrictions and at downstream portions of tributaries to ensure a proper tie-in with receiving streams. Cross-sections were adjusted to remove sections that intersected hydraulic crossings in the floodplain. For some of the largest studied streams, cross-sections were laid out manually to have more reasonable spacing and better capture the constrictions in the floodplain.

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

Cross-sections were drawn on dam tops for significant dams with well-defined spillways to better represent ponded water upstream of the structures. In so doing, it was assumed that most of the flow during a flood event would pass the spillway and that the hydraulic model would reasonably



estimate flow across the spillway as represented in the hydraulic cross-section. The elevations used in the modeling were checked against effective Zone A boundaries, and the results were deemed reasonable.

The relationship between cumulative drainage area and assigned channel geometry is shown in Table 5. These default values for dimensions and spacing were subject to change based on engineering judgment.

Table 5: Cross-Section Default Parameters

Drainage area (upper limit) (mi ²)	XS Spacing (ft)	Channel Top Width (ft)		Channel Bottom Width (ft)		Channel Depth (ft)
		Minimum	Maximum	Minimum	Maximum	
1	500	5	12	4	11	0.1
2	500	5	14	4	13	0.1
4	500	9	14	8	13	0.3
6	500	11	16	10	15	0.3
10	500	12	17	11	16	0.5
20	500	14	22	13	21	0.5
30	500	16	24	15	23	0.5
40	500	17	26	16	25	0.5
50	600	17	27	16	26	0.5
75	600	19	30	18	29	0.5
100	750	19	32	18	31	0.5
200	750	22	36	21	35	0.5
300	750	23	38	22	37	0.5

In typical BLE projects, Manning's roughness coefficients (n-values) are determined using the 2011 National Land Cover Data (NLCD) dataset in combination with n-values from Chow (1959) and Calenda et al. (2005). The association between the n-values and the NLCD Classification is shown in Table 6. Manning's n-value takeoffs are performed by WISE (default values taken from the "Normal" column). N-values within channel banks are constrained by the automated routine to a range of 0.030 to 0.070. Then, overbank and channel n-values are manually adjusted in certain locations based on engineering judgment. Under the current BLE task order, the n-value assignments were modified in a calibration process detailed in Section **Error! Reference source not found.**



Table 6: Manning's "n" Roughness Based on 2011 NLCD Classification (Moore, 2011)

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

The boundary condition used for most of the study streams was normal depth with a default value of 0.005 ft/ft. For streams with large drainage areas (generally greater than 8 square miles), the normal depth slope was calculated based on the channel inverts of the downstream cross sections.

In cases where streams tie in to a lake, a normal depth slope was calculated based on the channel inverts of the downstream cross sections (typically between 0.0001 and 0.001 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.

QC results indicated that some of the models should be extended to cover the scope of effective flood hazard data. Those streams were extended farther upstream to match the extents of the SFHA data.

Typical manual editing resulting from reasonability checks included adding cross-sections, adjusting orientation of cross-sections, trimming cross-sections and reduction of the default "V" angle of cross-sections. Examples of default "V" angled cross-sections are shown in Figure 4. It is estimated that 75 percent of cross-sections were adjusted in some work areas while other areas did not require as much editing. Other examples of manual editing included the addition of cross-sections at confluence areas (see Figure 5 below), modifications to improve perpendicular orientation at the channel, adjustment of discharge breaks to better represent flow addition points, revisions to dam spillways and dam tops, 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 the 1-percent and 0.2-percent annual chance event profiles were crossed by any other frequency profile. Significant effort was made to reasonably resolve all of these instances. Another automated check identified locations where there was a drawdown of greater than 0.5 foot on the 1-percent and 0.2-percent annual chance event water surface profiles. This check is particularly useful for identifying errors in the model such as a channel that is too wide, a poorly placed cross-section, or a need for additional cross-sections. Again, significant effort was made to reasonably resolve these drawdown situations.

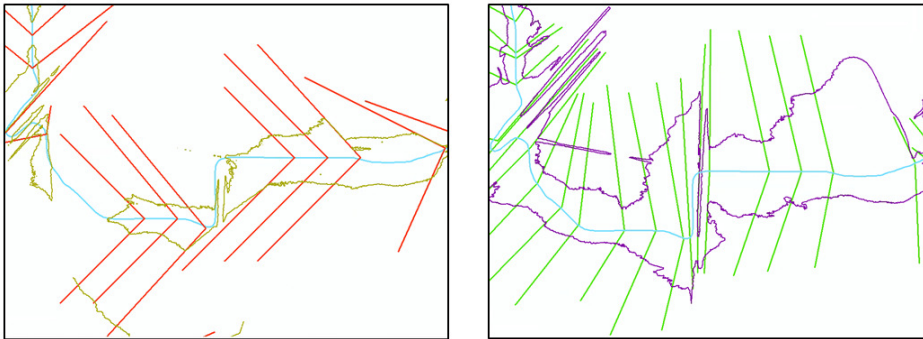


Figure 4: Default "V" angle cross-sections automated by WISE (left). Manually edited cross-sections to more accurately capture terrain (right). Resulting flood boundaries shown in gold (left) or purple (right) for clarity.

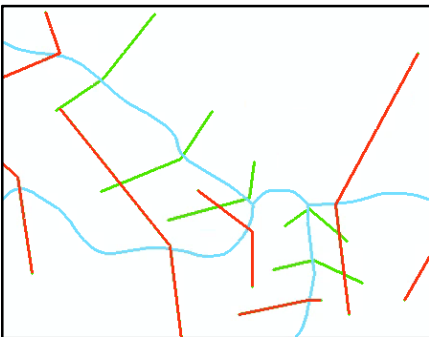


Figure 5: Manually added cross-sections (green) to improve accuracy of tie-ins at confluences.

1.5 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 5,000 square feet were removed and all others were investigated to determine whether they should be considered as potentially part of the SFHA. This investigation was aided by the ground DEM and aerial imagery. Manual adjustments to the polygons were made to account for spillways on dams which could not be accurately modeled using HEC-RAS as well as disconnected areas along the flooding source that should reasonably be connected.



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

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

Challenges

Challenges encountered during BLE analyses vary based on available data on which to run the analysis. The Lower Colorado Cummins 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 be lower than that of the receiving stream.

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 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.

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

3.1 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 Lower Colorado Cummins Watershed.

3.1.1.1 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 exception to this is the streams in



Lee County, which were restudied more recently in 2011, and a few reaches updated as part of a Letter of Map Revision (LOMR).

3.1.1.2 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 reaches in Lee County used the most current regression equations (SIR 2009-5087). Therefore, all reaches in the watershed PASS this check.

3.1.1.3 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-12 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 Lower Colorado Cummins study area was completed by evaluating percentage of urban change at the HUC-12 level. The majority of the watershed is classified as rural and these reaches PASS this assessment. There are several HUC-12s classified as urban near the Cities of Smithville and Bastrop in Bastrop County and near the Cities of Austin, Manor, and Pflugerville in Travis County. Most streams within these HUC-12s FAIL this check due to a >50% increase in urban area since the effective date of analysis.

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

Table 7: A1-A3 Validation Results

Assessment Checks	Pass / Fail	Notes
A1 – Topography	Fail/Pass	2007/8 and 2011 TNRIS and 2012 City of Austin LiDAR significantly better than assumed effective USGS topo source/Studies within Lee County were updated using newest topo source
A2 – Hydrology	Pass	Regression was not used for effective studies or the most current regression equations were used
A3- Development	Fail/Passs	>50% increase in urban since effective study in urban HUC-12/Less than 15% of study area is under urban cover

3.1.1.4 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 Lower Colorado Cummins Watershed, check A4 has been marked as FAIL for most reaches. The technical methods used in Fayette and Lee Counties and in reaches that were updated as part of a LOMR are known and, therefore, PASS this check.

3.1.1.5 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 438 modeled BLE streams in the study area, 168 were found to correspond (within the tolerance limits) with effective Zone A flood zones. Comparison results for these streams were grouped at the HUC-12 level and are summarized in **Error! Reference source not found.8** to better understand the general health of the HUC-12 watershed, but the validation check was performed at the stream level. Streams where the percentage of passing FBS sample points is greater than or equal to 85% are marked as "Pass", otherwise marked as "Fail".

Table 8: HUC-12 Zone A Validation Results

HUC-12 Watershed		Total FBS points	Fail	Pass	%Pass	BLE Comparison Pass? (>85%)	Priority Score
Watershed Name	Watershed Number						
Lower Colorado Cummins	All Streams	108,413	11,868	96,545	89%	Pass	
Willow Creek	120903010101	1253	62	1191	95%	Pass	4.5
Cottonwood Creek	120903010102	2548	115	2433	95%	Pass	4.2
Upper Wilbarger Creek	120903010103	3083	152	2931	95%	Pass	4.6
Elm Creek-Dry Creek	120903010104	1044	92	952	91%	Pass	7.9
Lower Wilbarger Creek	120903010105	2893	445	2448	85%	Pass	11.5
Gilleland Creek	120903010106	795	259	536	67%	Fail	25.6
Decker Creek-Colorado River	120903010107	863	72	791	92%	Pass	8.9
Coleman Branch-Colorado River	120903010108	957	50	907	95%	Pass	4.8



HUC-12 Watershed		Total	Fail	Pass	%Pass	BLE	Priority
Red Gully Creek-Dry Creek	120903010109	2077	140	1937	93%	Pass	5.4
Wilbarger Bend-Colorado River	120903010110	385	67	318	83%	Fail	13.9
Little Sandy Creek-Big Sandy Creek	120903010201	1996	146	1850	93%	Pass	5.9
McLaughlin Creek-Big Sandy Creek	120903010202	1483	95	1388	94%	Pass	2.2
Little Sandy Creek	120903010203	1047	134	913	87%	Pass	9.8
Big Sandy Creek-Colorado River	120903010204	993	99	894	90%	Pass	4.9
Spicer Creek-Piney Creek	120903010205	1833	234	1599	87%	Pass	5.1
Copperas Creek-Colorado River	120903010206	338	52	286	85%	Pass	10.3
Maha Creek	120903010301	2700	298	2402	89%	Pass	9.7
Lytton Springs Creek-Cedar Creek	120903010302	3967	441	3526	89%	Pass	9.3
Greens Creek-Cedar Creek	120903010303	3048	502	2546	84%	Fail	15.0
Lytton Creek-Walnut Creek	120903010304	3073	274	2799	91%	Pass	7.1
Bee Creek-Walnut Creek	120903010305	2456	173	2283	93%	Pass	5.6
Alum Creek-Walnut Creek	120903010306	2202	162	2040	93%	Pass	5.9
Lentz Branch-Walnut Creek	120903010307	2336	555	1781	76%	Fail	19.3
Brushy Creek-Sandy Creek	120903010308	2277	174	2103	92%	Pass	6.1
Sandy Creek-Cedar Creek	120903010309	2020	385	1635	81%	Fail	15.2
Little Piney Creek-Colorado River	120903010401	1097	170	927	85%	Pass	12.4
Alum Creek	120903010402	3217	284	2933	91%	Pass	5.6
Bartons Creek	120903010403	2456	288	2168	88%	Pass	9.4
Willow Creek-Colorado River	120903010404	2492	368	2124	85%	Pass	12.1
Grassy Creek-Pin Oak Creek	120903010501	3681	442	3239	88%	Pass	9.6
Gravelly Creek	120903010502	1355	176	1179	87%	Pass	10.4
Little Pin Oak Creek	120903010503	2537	174	2363	93%	Pass	5.5
Upper Rabbs Creek	120903010504	2198	99	2099	95%	Pass	3.6
Middle Rabbs Creek	120903010505	3235	272	2963	92%	Pass	6.7
Lower Rabbs Creek	120903010506	4029	509	3520	87%	Pass	10.1
Cedar Creek-Colorado River	120903010507	898	79	819	91%	Pass	7.0
Cedar Creek-Cummins Creek	120903010601	2896	409	2487	86%	Pass	11.3
Shaw Creek	120903010602	937	108	829	88%	Pass	9.2
Jacks Creek-Cummins Creek	120903010603	2098	221	1877	89%	Pass	8.4
Spencer Pool Creek-Clear	120903010604	1579	108	1471	93%	Pass	5.5



HUC-12 Watershed		Total	Fail	Pass	%Pass	BLE	Priority
Creek							
Jones Creek-Cummins Creek	120903010605	1848	278	1570	85%	Pass	11.6
Boggy Creek	120903010606	745	49	696	93%	Pass	5.3
Bull Creek-Cummins Creek	120903010607	1261	161	1100	87%	Pass	10.2
Redgate Creek-Cummins Creek	120903010608	1853	162	1691	91%	Pass	7.0
Jordan Creek-Colorado River	120903010701	489	40	449	92%	Pass	6.1
Live Oak Creek	120903010702	2537	196	2341	92%	Pass	6.2
Upper Buckners Creek	120903010703	2513	237	2276	91%	Pass	7.5
Middle Buckners Creek	120903010704	3116	510	2606	84%	Fail	13.1
Lower Buckners Creek	120903010705	2850	307	2543	89%	Pass	8.6
Baylor Creek-Colorado River	120903010706	2299	256	2043	89%	Pass	9.0
Williams Creek-Colorado River	120903010707	1419	213	1206	85%	Pass	11.0
Ross Creek-Colorado River	120903010708	1421	173	1248	88%	Pass	8.3
Harveys Creek	120903010709	1430	99	1331	93%	Pass	3.4
Crier Creek-Colorado River	120903010710	663	58	605	91%	Pass	7.0
Rocky Creek-Colorado River	120903010711	785	114	671	85%	Pass	11.6
Dry Creek-Colorado River	120903010712	812	130	682	84%	Fail	12.8

VALIDATION RESULTS

Based on the validation assessments and BLE comparison results described above, the CNMS inventory of Zone A studies in the Lower Colorado Cummins Watershed has been updated as summarized in Table 9 and illustrated in Figure 6 below.

Table 9: Aggregated Zone A Validation Results

Validation Status	Status Type	Total Miles
Valid	NVUE Compliant	1723.6
Unverified	To Be Studied	439.4

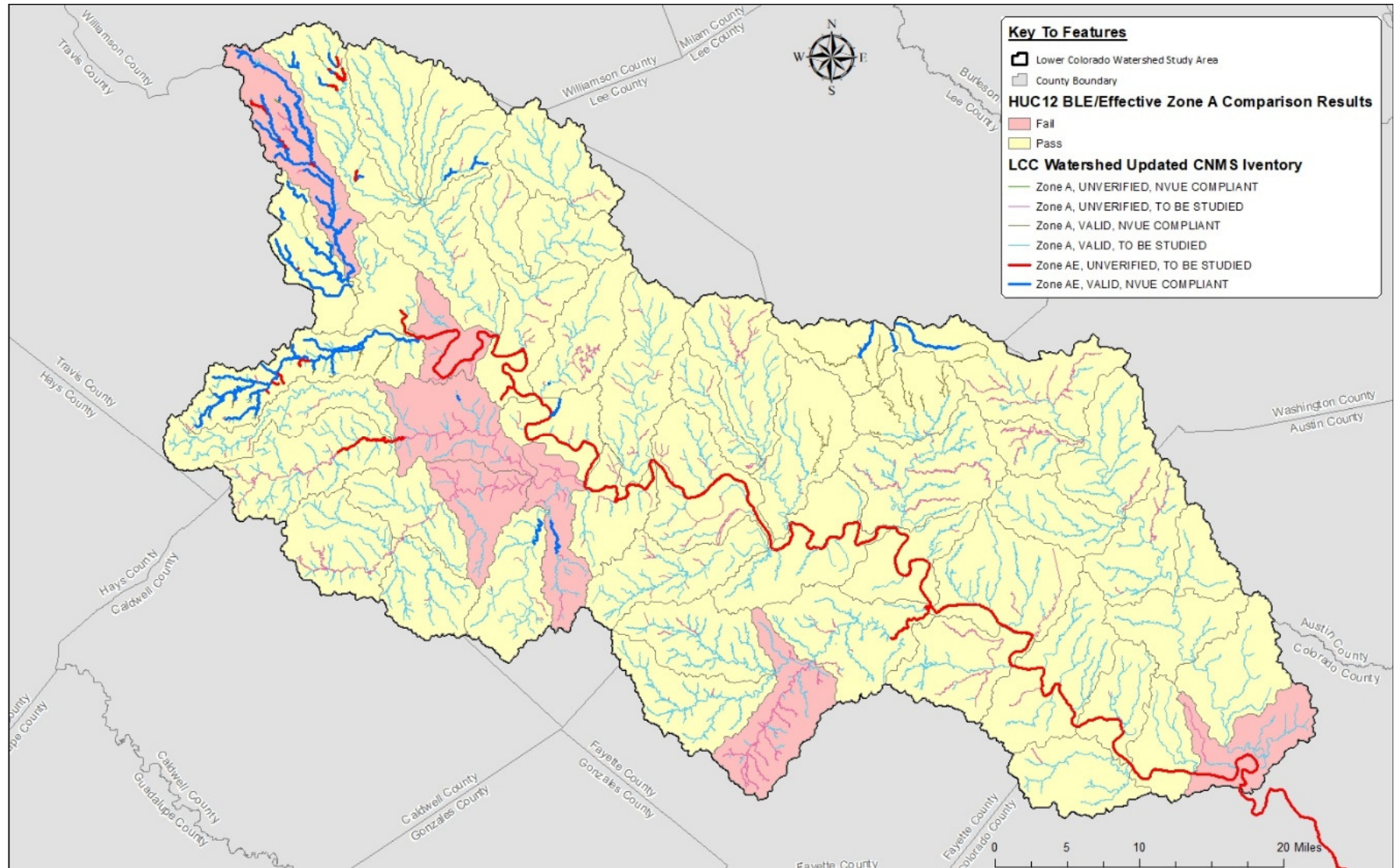
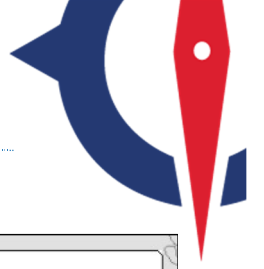


Figure 6: Lower Colorado Cummins Watershed CNMS Validation Results

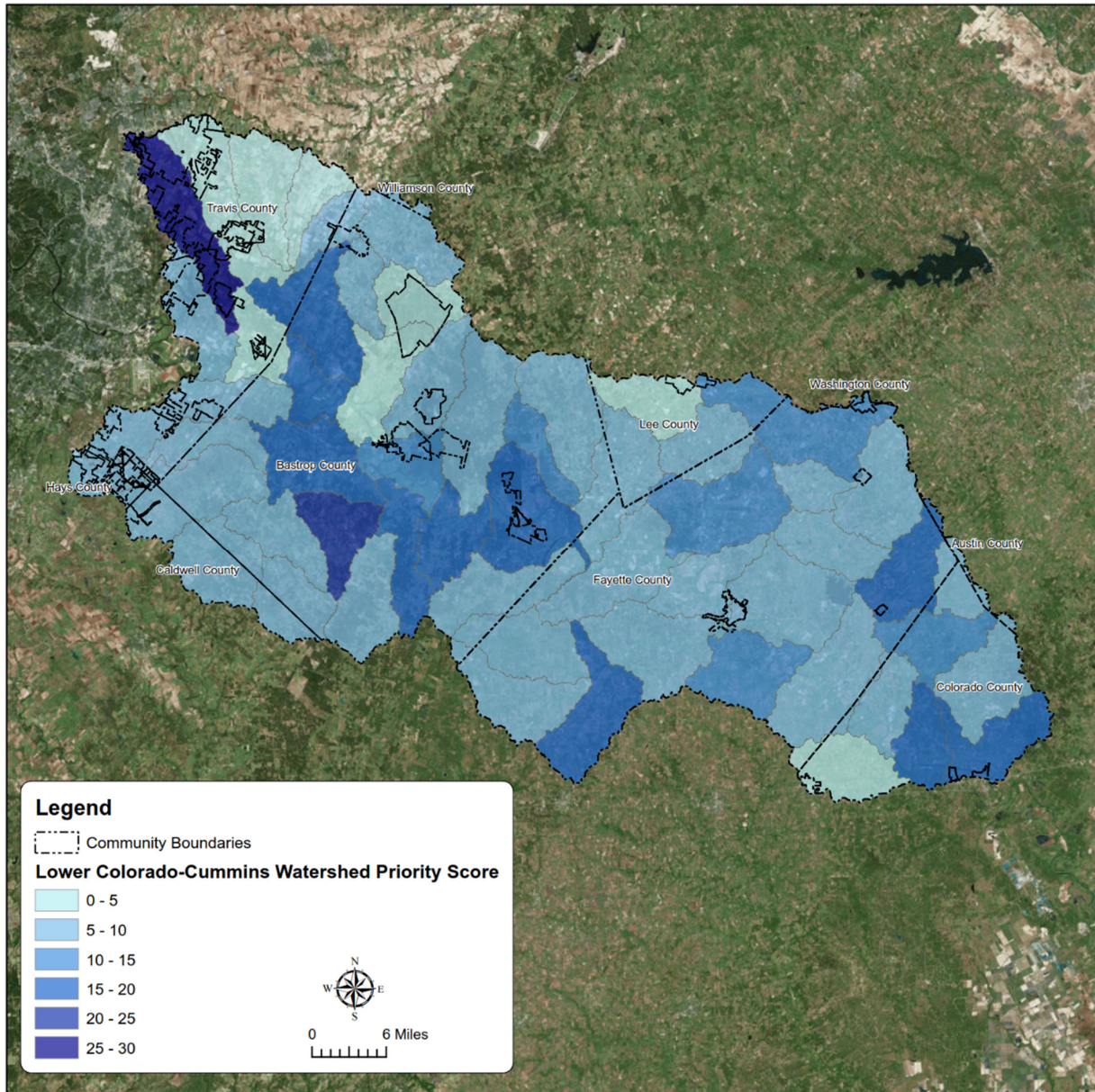


Figure 7: Ranking of Lower Colorado Cummins Watershed HUC-12s

3.2 Flood Risk Analysis

A flood risk analysis was performed for this project. The updated 1-percent annual chance grid (known as the 'refined' grid) was used to perform the flood risk analysis to produce the flood losses. The refined grid loss results are stored in the L_RA_Results table.

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



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



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Appendix A Summary of Peak Discharges

Table A-1: Summary of Hydrology

Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
MAIN STEM - COLORADO RIVER				
COLORADO RIVER	28123.57	100,884	83,649	125,434
COLORADO RIVER	28147.60	102,180	84,647	127,182
COLORADO RIVER	28206.77	105,371	87,105	131,487
COLORADO RIVER	28225.67	106,390	87,890	132,862
COLORADO RIVER	28406.98	116,169	95,421	146,053
COLORADO RIVER	28532.79	122,954	100,647	155,205
COLORADO RIVER	28572.58	125,100	102,300	158,100
COLORADO RIVER	28599.04	126,625	103,452	160,228
COLORADO RIVER	28952.29	146,982	118,829	188,640
COLORADO RIVER	28975.59	148,324	119,844	190,514
COLORADO RIVER	29039.88	152,030	122,643	195,685
COLORADO RIVER	29054.99	152,900	123,300	196,900
COLORADO RIVER	29138.27	159,088	125,828	211,077
COLORADO RIVER	29279.66	169,594	130,119	235,143
COLORADO RIVER	29310.75	171,904	131,063	240,436
COLORADO RIVER	29466.81	183,500	135,800	267,000
COLORADO RIVER	29668.80	171,970	131,476	240,770
COLORADO RIVER	29684.06	171,099	131,150	238,789
COLORADO RIVER	29758.97	166,823	129,546	229,061
COLORADO RIVER	29804.39	164,231	128,574	223,163
COLORADO RIVER	29844.35	161,950	127,719	217,974
COLORADO RIVER	29892.70	159,190	126,684	211,696
COLORADO RIVER	29919.61	157,655	126,108	208,202
COLORADO RIVER	30237.66	139,500	119,300	166,900
ALUM CREEK - COLORADO RIVER				
ALUM 014	0.62	1,546	512	4,670
ALUM 015	0.97	2,136	707	6,449
ALUM 017	0.41	1,385	459	4,183
ALUM 022	0.85	2,363	783	7,137
ALUM 025	1.00	1,442	477	4,354
ALUM 025	1.61	2,106	697	6,360
ALUM 026	1.28	3,733	1,236	11,274
ALUM 026	3.01	6,332	2,097	19,122
ALUM 029	0.51	1,887	625	5,698
ALUM 029	1.13	3,108	1,029	9,385



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
ALUM 031	0.64	2,067	684	6,242
ALUM 031	1.13	2,984	988	9,011
ALUM 031	2.01	4,285	1,419	12,942
ALUM 044	0.95	2,667	883	8,054
ALUM 047	0.90	2,674	886	8,077
ALUM 063	1.02	3,488	1,155	10,535
ALUM 066	0.22	1,077	357	3,252
ALUM 067	0.80	2,330	771	7,035
ALUM 079	0.25	1,142	378	3,449
ALUM 080	0.31	927	307	2,800
ALUM 080	0.77	2,774	918	8,377
ALUM 087	0.48	1,350	447	4,076
ALUM 088	0.36	1,323	438	3,995
ALUM 088	0.79	2,273	753	6,863
ALUM 088	1.32	3,458	1,145	10,442
ALUM 090	0.13	565	187	1,708
ALUM 091	0.16	561	186	1,694
ALUM 093	0.96	2,279	755	6,882
ALUM 102	0.49	1,489	493	4,497
ALUM 104	0.24	637	211	1,924
ALUM 107	1.02	2,566	850	7,749
ALUM 107	1.27	2,956	979	8,928
ALUM 110	0.48	1,480	490	4,469
ALUM 114	0.15	586	194	1,770
ALUM 122	0.23	624	207	1,883
ALUM 124	0.68	1,856	615	5,606
ALUM 128	0.53	1,443	478	4,358
ALUM 129	0.65	1,853	613	5,595
ALUM 131	1.09	2,634	872	7,953
ALUM 137	0.77	1,959	649	5,916
ALUM 138	0.64	1,619	536	4,888
ALUM 138	1.45	3,430	1,136	10,360
ALUM 141	0.60	1,680	556	5,075
ALUM 141	1.65	3,415	1,131	10,313
ALUM 143	0.47	1,537	509	4,642
ALUM 143	0.72	2,100	695	6,341
ALUM 144	0.17	649	215	1,959
ALUM 147	0.21	585	194	1,767
ALUM 148	0.57	1,933	640	5,836



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
ALUM 148	1.26	3,392	1,123	10,245
ALUM 159	0.19	878	291	2,653
ALUM 160	0.30	1,078	357	3,255
ALUM 161	0.37	1,368	453	4,130
ALUM 162	0.93	2,358	781	7,121
ALUM 164	0.11	516	171	1,557
ALUM 164	0.31	968	321	2,924
ALUM 165	0.19	638	211	1,927
ALUM 166	0.31	1,223	405	3,692
ALUM 166	0.91	2,716	899	8,202
ALUM 167	0.32	1,344	445	4,058
ALUM 168	0.29	978	324	2,953
ALUM 169	0.61	909	301	2,744
ALUM 169	0.95	2,878	953	8,690
ALUM 172	0.13	644	213	1,946
ALUM 173	0.68	2,068	685	6,245
ALUM 173	1.03	2,782	921	8,400
ALUM 173	1.22	3,119	1,033	9,420
ALUM 173	1.72	4,052	1,342	12,235
ALUM 173	2.19	4,768	1,579	14,398
ALUM 173	2.47	5,124	1,697	15,476
ALUM 174	0.17	677	224	2,043
ALUM 175	0.30	1,142	378	3,449
ALUM 177	0.11	409	135	1,235
ALUM 182	0.87	3,166	1,048	9,560
ALUM 183	1.20	2,946	975	8,895
ALUM 183	1.77	3,817	1,264	11,526
ALUM 183	2.45	4,829	1,599	14,584
ALUM 183	3.44	6,167	2,042	18,624
ALUM 183	3.85	6,410	2,122	19,356
ALUM 183	4.43	7,206	2,386	21,763
ALUM 183	5.40	8,248	2,731	24,907
ALUM 183	5.81	8,354	2,766	25,229
ALUM 183	7.05	9,367	3,102	28,289
ALUM 184	1.03	1,543	511	4,661
ALUM 184	1.10	1,700	563	5,135
ALUM 196	0.58	2,018	668	6,093
ALUM 197	0.64	1,974	654	5,962
ALUM 198	0.58	2,020	669	6,099



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
ALUM 201	0.17	641	212	1,936
ALUM 202	0.38	1,481	491	4,474
ALUM 203	0.42	1,311	434	3,958
ALUM 205	0.31	1,276	423	3,854
ALUM 206	0.89	2,662	881	8,038
ALUM 208	0.31	1,074	356	3,243
ALUM 209	0.10	507	168	1,530
ALUM 211	0.46	1,743	577	5,264
ALUM 219	0.74	2,056	681	6,208
ALUM 224	0.26	990	328	2,989
ALUM 225	1.03	2,715	899	8,199
ALUM 225	1.30	3,209	1,062	9,690
ALUM 230	0.92	2,721	901	8,218
ALUM 232	0.65	2,261	749	6,829
ALUM 234	0.42	1,512	501	4,568
ALUM 235	0.52	2,092	693	6,317
ALUM 235	0.90	3,148	1,042	9,507
ALUM 235	1.18	3,632	1,203	10,968
ALUM 236	0.14	599	198	1,808
ALUM 237	0.11	243	80	733
ALUM 238	1.04	1,165	386	3,519
ALUM 238	1.20	1,481	490	4,471
ALUM 242	0.66	1,817	602	5,486
ALUM 247	0.25	811	269	2,451
ALUM 250	0.16	524	173	1,582
ALUM 252	0.63	1,394	462	4,209
ALUM 254	0.28	451	149	1,363
ALUM 259	0.39	1,183	392	3,573
ALUM 261	0.25	779	258	2,352
ALUM 262	0.33	1,064	352	3,213
ALUM 263	0.12	432	143	1,306
ALUM 264	0.31	1,073	355	3,241
ALUM 265	0.12	441	146	1,331
ALUM 269	0.21	432	143	1,305
ALUM 269	2.89	3,269	1,083	9,873
ALUM 270	0.54	654	216	1,974
ALUM 270	1.28	1,407	466	4,249
ALUM 270	1.95	1,935	641	5,844
ALUM 275	0.16	910	301	2,747



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
ALUM 277	1.06	2,809	930	8,483
ALUM 277	2.06	4,278	1,417	12,919
ALUM 277	2.68	5,198	1,721	15,697
ALUM 285	0.17	750	248	2,265
ALUM 286	0.27	1,292	428	3,901
ALUM 287	0.66	2,105	697	6,356
ALUM 288	0.46	1,103	365	3,332
ALUM 291	1.01	2,815	932	8,502
ALUM 291	1.17	3,053	1,011	9,221
ALUM 294	0.10	368	122	1,111
ALUM 295	0.79	2,006	664	6,060
ALUM 295	1.11	2,684	889	8,106
ALUM 297	0.20	651	216	1,967
ALUM 298	0.22	624	207	1,885
ALUM 299	0.19	630	209	1,904
ALUM 303	0.75	1,821	603	5,499
ALUM 303	1.04	2,399	794	7,246
ALUM 305	0.27	894	296	2,699
ALUM 306	0.13	454	150	1,371
ALUM 306	0.71	1,676	555	5,061
ALUM 307	0.58	1,376	456	4,155
ALUM 308	0.10	349	116	1,055
ALUM 308	0.27	844	279	2,549
ALUM 309	0.15	493	163	1,488
ALUM 310	0.21	656	217	1,981
ALUM 310	0.42	1,195	396	3,608
ALUM 311	0.11	393	130	1,185
ALUM 312	0.19	689	228	2,081
ALUM 312	0.58	1,624	538	4,904
ALUM 312	1.23	2,920	967	8,819
ALUM 313	0.21	823	272	2,485
ALUM 314	0.17	630	209	1,903
ALUM 314	0.35	1,194	395	3,605
ALUM 315	0.15	616	204	1,859
ALUM 319	0.20	746	247	2,254
ALUM 320	0.40	1,223	405	3,694
ALUM 321	0.06	232	77	700
ALUM 322	1.07	2,473	819	7,470
ALUM 322	1.33	2,853	945	8,617



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
ALUM 325	0.25	786	260	2,374
ALUM 325	1.96	4,026	1,333	12,159
ALUM 325	2.33	4,560	1,510	13,771
ALUM 325	2.64	4,982	1,650	15,046
ALUM 326	0.33	645	214	1,949
ALUM 326	1.02	2,647	877	7,995
ALUM 326	1.20	2,936	972	8,866
ALUM 327	0.53	1,588	526	4,795
ALUM 329	0.22	614	203	1,855
ALUM 331	0.23	702	232	2,120
ALUM 331	0.50	1,318	437	3,981
ALUM 332	0.11	434	144	1,310
ALUM 333	0.23	706	234	2,133
ALUM 335	0.52	1,386	459	4,186
ALUM 341	0.16	548	182	1,656
ALUM 343	0.43	1,280	424	3,865
ALUM 344	4.74	7,211	2,388	21,777
ALUM 344	5.38	7,938	2,629	23,973
ALUM 344	5.63	8,175	2,707	24,687
ALUM 345	0.22	782	259	2,361
ALUM 345	0.69	2,122	703	6,407
ALUM 345	1.41	3,251	1,077	9,818
ALUM 345	1.99	4,193	1,388	12,662
ALUM 345	2.98	5,730	1,897	17,304
ALUM 345	3.73	6,291	2,083	18,999
ALUM 345	4.21	6,774	2,243	20,458
ALUM 346	0.39	1,248	413	3,767
ALUM 347	0.70	1,762	583	5,321
ALUM 348	0.28	968	321	2,923
ALUM 349	0.34	1,139	377	3,441
ALUM 349	0.56	1,730	573	5,225
ALUM 350	0.10	349	115	1,053
ALUM 354	0.27	857	284	2,588
ALUM 355	0.59	1,626	538	4,909
ALUM 356	0.20	655	217	1,979
ALUM 357	0.30	870	288	2,627
ALUM 357	0.66	1,646	545	4,970
ALUM 357	2.20	3,568	1,181	10,774
ALUM 357	3.18	4,859	1,609	14,675



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
ALUM 358	0.07	250	83	754
ALUM 358	0.13	446	148	1,347
ALUM 359	0.05	175	58	528
ALUM 360	0.16	378	125	1,143
ALUM 360	1.00	2,002	663	6,047
ALUM 360	1.41	2,568	850	7,755
ALUM 361	0.30	695	230	2,099
ALUM 363	0.85	2,238	741	6,758
ALUM 368	0.79	2,078	688	6,274
ALUM 369	0.16	673	223	2,031
ALUM 372	1.24	2,786	923	8,414
ALUM 377	0.14	333	110	1,005
ALUM 378	1.45	3,241	1,073	9,786
ALUM 379	1.64	1,694	561	5,116
ALUM CREEK	0.43	1,198	397	3,619
ALUM CREEK	1.03	2,487	823	7,509
ALUM CREEK	1.46	3,147	1,042	9,503
ALUM CREEK	2.76	4,941	1,636	14,921
ALUM CREEK	4.60	7,524	2,491	22,723
ALUM CREEK	7.01	10,687	3,539	32,275
ALUM CREEK	7.39	10,668	3,533	32,217
ALUM CREEK	13.18	16,653	5,514	50,291
ALUM CREEK	13.38	16,674	5,521	50,354
ALUM CREEK	14.69	17,493	5,792	52,828
ALUM CREEK	15.55	17,957	5,946	54,230
ALUM CREEK	15.66	17,929	5,937	54,146
ALUM CREEK	17.08	18,893	6,256	57,055
ALUM CREEK	21.32	21,881	7,246	66,081
ALUM CREEK	22.95	22,291	7,381	67,318
ALUM CREEK	25.86	24,106	7,982	72,798
ALUM CREEK	26.30	24,124	7,988	72,852
ALUM CREEK	26.80	24,373	8,071	73,605
ALUM CREEK	30.89	27,038	8,953	81,653
ALUM CREEK	32.67	27,767	9,195	83,856
ALUM CREEK	36.12	29,547	9,784	89,232
ALUM CREEK	39.67	31,690	10,493	95,701
ALUM CREEK	40.51	31,993	10,594	96,618
ALUM CREEK	40.89	32,078	10,622	96,875
ALUM CREEK	41.41	32,091	10,626	96,912



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
ALUM CREEK	41.63	32,042	10,610	96,764
ALUM CREEK	42.59	32,494	10,760	98,131
ALUM CREEK	43.15	32,601	10,795	98,455
ALUM CREEK	43.55	32,648	10,811	98,596
ALUM CREEK	43.99	33,581	11,120	101,414
ALUM CREEK	45.57	34,159	11,311	103,158
ALUM CREEK	47.16	34,267	11,347	103,483
ALUM CREEK	53.70	36,943	12,233	111,566
ALUM CREEK	54.69	37,323	12,359	112,715
ALUM CREEK TRIBUTARY 1	1.03	3,265	1,081	9,861
ALUM CREEK TRIBUTARY 1	1.63	4,152	1,375	12,539
ALUM CREEK TRIBUTARY 1	3.54	6,853	2,269	20,695
ALUM CREEK TRIBUTARY 10	1.02	2,329	771	7,033
ALUM CREEK TRIBUTARY 10	1.43	2,827	936	8,538
ALUM CREEK TRIBUTARY 10	2.75	4,884	1,617	14,748
ALUM CREEK TRIBUTARY 11	0.93	1,901	629	5,740
ALUM CREEK TRIBUTARY 11	1.18	2,385	790	7,204
ALUM CREEK TRIBUTARY 11	2.16	5,055	1,674	15,267
ALUM CREEK TRIBUTARY 11	2.42	5,023	1,663	15,170
ALUM CREEK TRIBUTARY 2	1.07	2,994	991	9,042
ALUM CREEK TRIBUTARY 2	1.88	4,030	1,334	12,169
ALUM CREEK TRIBUTARY 3	1.06	3,458	1,145	10,442
ALUM CREEK TRIBUTARY 3	2.06	5,610	1,858	16,942
ALUM CREEK TRIBUTARY 3	2.57	6,051	2,004	18,275
ALUM CREEK TRIBUTARY 3	2.91	6,412	2,123	19,365
ALUM CREEK TRIBUTARY 4	0.87	2,387	790	7,208
ALUM CREEK TRIBUTARY 4	2.63	5,536	1,833	16,720
ALUM CREEK TRIBUTARY 4	2.73	5,534	1,833	16,713
ALUM CREEK TRIBUTARY 4	3.86	7,424	2,458	22,419
ALUM CREEK TRIBUTARY 5	1.04	2,902	961	8,765
ALUM CREEK TRIBUTARY 6	0.61	1,723	571	5,205
ALUM CREEK TRIBUTARY 6	1.03	2,215	733	6,688
ALUM CREEK TRIBUTARY 6	2.68	5,195	1,720	15,687
ALUM CREEK TRIBUTARY 7	0.78	2,014	667	6,081
ALUM CREEK TRIBUTARY 7	1.52	3,105	1,028	9,377
ALUM CREEK TRIBUTARY 7	2.19	4,115	1,363	12,427
ALUM CREEK TRIBUTARY 7	2.68	4,592	1,520	13,867
ALUM CREEK TRIBUTARY 7	4.07	6,192	2,050	18,701
ALUM CREEK TRIBUTARY 8	1.00	2,775	919	8,380



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
ALUM CREEK TRIBUTARY 8	1.18	3,045	1,008	9,195
ALUM CREEK TRIBUTARY 9	1.08	1,919	635	5,795
ALUM CREEK TRIBUTARY 9	1.77	2,811	931	8,488
ALUM CREEK TRIBUTARY 9	4.93	7,324	2,425	22,118
BARTONS CREEK	0.63	1,544	511	4,662
BARTONS CREEK	1.89	3,825	1,267	11,551
BARTONS CREEK	2.90	5,078	1,681	15,334
BARTONS CREEK	7.61	10,218	3,383	30,858
BARTONS CREEK	9.23	11,618	3,847	35,085
BARTONS CREEK	9.59	11,840	3,920	35,755
BARTONS CREEK	12.78	14,338	4,748	43,301
BARTONS CREEK	13.29	14,695	4,866	44,379
BARTONS CREEK	13.54	14,935	4,946	45,104
BARTONS CREEK	16.45	17,117	5,668	51,694
BARTONS CREEK	16.69	17,252	5,713	52,101
BARTONS CREEK	17.25	17,340	5,742	52,365
BARTONS CREEK	18.61	18,123	6,001	54,731
BARTONS CREEK	19.08	18,418	6,099	55,621
BARTONS CREEK	19.36	18,506	6,128	55,887
BARTONS CREEK	19.43	18,436	6,105	55,675
BARTONS CREEK	25.06	22,429	7,427	67,736
BARTONS CREEK	28.40	24,336	8,059	73,495
BARTONS CREEK	30.09	24,842	8,226	75,022
BARTONS CREEK	30.56	25,018	8,284	75,554
BARTONS CREEK	31.31	25,257	8,363	76,275
BARTONS CREEK	32.13	25,559	8,464	77,188
BARTONS CREEK	33.14	25,714	8,515	77,654
BARTONS CREEK	34.41	26,196	8,674	79,110
BARTONS CREEK	34.78	26,105	8,644	78,835
BARTONS CREEK	35.26	25,910	8,580	78,246
BARTONS CREEK	38.08	27,154	8,992	82,004
BARTONS CREEK	39.76	28,004	9,273	84,571
BARTONS CREEK	40.19	27,714	9,177	83,695
BARTONS CREEK	41.78	28,711	9,507	86,706
BARTONS CREEK	42.37	28,676	9,496	86,602
BARTONS CREEK	42.50	28,479	9,430	86,006
BARTONS CREEK TRIBUTARY	1.02	2,220	735	6,704
BARTONS CREEK TRIBUTARY	1.77	3,356	1,111	10,136
BARTONS CREEK TRIBUTARY	2.75	4,790	1,586	14,465



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
COLORADO RIVER TRIBUTARY 1	1.06	3,771	1,249	11,387
COLORADO RIVER TRIBUTARY 1	1.89	5,305	1,757	16,021
COLORADO RIVER TRIBUTARY 1	2.75	6,720	2,225	20,294
GAZLEY CREEK	0.52	1,673	554	5,053
GAZLEY CREEK	0.78	2,305	763	6,962
GAZLEY CREEK	1.49	4,006	1,327	12,099
GAZLEY CREEK	1.96	4,939	1,635	14,914
GAZLEY CREEK	2.50	5,957	1,972	17,988
GAZLEY CREEK	2.97	6,577	2,178	19,863
GAZLEY CREEK	3.93	7,936	2,628	23,966
GAZLEY CREEK	4.45	8,375	2,773	25,292
HICKORY CREEK	0.65	1,643	544	4,960
HICKORY CREEK	1.95	4,164	1,379	12,575
HICKORY CREEK	2.39	4,881	1,616	14,741
HICKORY CREEK	2.72	5,162	1,709	15,588
HICKORY CREEK	3.17	5,710	1,891	17,243
HICKORY CREEK	3.47	6,115	2,025	18,468
HICKORY CREEK	3.71	6,290	2,083	18,994
HICKORY CREEK	3.93	6,263	2,074	18,914
HUNT BRANCH	0.65	1,973	653	5,958
HUNT BRANCH	1.08	3,131	1,037	9,456
HUNT BRANCH	1.57	3,941	1,305	11,901
HUNT BRANCH	2.51	5,521	1,828	16,673
HUNT BRANCH	3.49	6,932	2,295	20,935
HUNT BRANCH	3.85	7,113	2,355	21,480
J D CREEK	1.02	2,597	860	7,842
J D CREEK	1.22	2,829	937	8,544
J D CREEK	2.90	5,535	1,833	16,717
J D CREEK	3.39	6,235	2,065	18,829
J D CREEK	3.65	6,622	2,193	19,998
J D CREEK	5.74	9,114	3,018	27,523
J D CREEK	6.79	10,291	3,408	31,078
J D CREEK	7.57	11,082	3,669	33,466
J D CREEK	8.28	11,688	3,870	35,297
J D CREEK	8.44	11,758	3,893	35,509
J D CREEK	10.14	13,112	4,342	39,599
LAKE CREEK	0.37	1,094	362	3,304
LAKE CREEK	1.00	2,482	822	7,496
LAKE CREEK	1.14	2,703	895	8,162



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
LAKE CREEK	1.47	3,228	1,069	9,750
LAKE CREEK	1.99	4,015	1,330	12,126
LAKE CREEK	2.12	4,222	1,398	12,749
LAKE CREEK	2.35	4,480	1,483	13,528
LAKE CREEK	2.71	5,041	1,669	15,224
LAKE CREEK	3.26	5,603	1,855	16,922
LITTLE ALUM CREEK	1.00	2,656	880	8,022
LITTLE ALUM CREEK	1.74	3,618	1,198	10,927
LITTLE ALUM CREEK	5.05	7,981	2,643	24,103
LITTLE ALUM CREEK	5.98	9,411	3,116	28,422
LITTLE PINEY CREEK	0.38	1,019	337	3,077
LITTLE PINEY CREEK	1.18	2,889	957	8,725
LITTLE PINEY CREEK	2.14	4,419	1,463	13,345
LITTLE PINEY CREEK	2.34	4,638	1,536	14,005
LITTLE PINEY CREEK	3.22	5,815	1,925	17,560
LITTLE PINEY CREEK	3.86	6,676	2,211	20,161
LITTLE PINEY CREEK	4.87	8,052	2,666	24,316
LITTLE PINEY CREEK	5.43	8,600	2,848	25,972
LITTLE PINEY CREEK	6.80	9,980	3,305	30,139
LITTLE PINEY CREEK	7.43	10,698	3,542	32,307
LITTLE PINEY CREEK	8.30	11,611	3,845	35,063
MILL CREEK	1.00	3,038	1,006	9,174
MILL CREEK	1.98	5,152	1,706	15,558
MILL CREEK	2.96	6,436	2,131	19,437
MILL CREEK	3.55	6,922	2,292	20,906
REEDS CREEK	0.98	2,400	795	7,249
REEDS CREEK	2.73	5,958	1,973	17,994
REEDS CREEK	3.59	7,007	2,320	21,161
REEDS CREEK	4.12	7,612	2,520	22,987
REEDS CREEK	5.51	9,326	3,088	28,163
REEDS CREEK	6.44	10,451	3,461	31,563
REEDS CREEK	8.64	12,980	4,298	39,200
SHIPP LAKE	3.82	6,121	2,027	18,486
SHIPP LAKE	4.51	6,526	2,161	19,709
SHIPP LAKE	5.50	7,318	2,423	22,100
SHIPP LAKE	5.74	7,504	2,485	22,661
SHIPP LAKE	6.46	8,039	2,662	24,279
SHIPP LAKE	6.62	8,459	2,801	25,546
STRANGERS LAKE	0.35	370	123	1,118



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WILLOW CREEK	0.77	2,222	736	6,711
WILLOW CREEK	1.90	4,076	1,350	12,309
WILLOW CREEK	2.86	4,956	1,641	14,966
WILLOW CREEK	4.73	7,395	2,449	22,332
WILLOW CREEK	5.32	7,939	2,629	23,974
WILLOW CREEK	6.65	9,345	3,094	28,220
WILLOW CREEK	7.10	9,282	3,074	28,031
WILLOW CREEK	8.06	10,138	3,357	30,615
WILLOW CREEK	9.04	10,761	3,563	32,497
WILLOW CREEK	9.77	10,784	3,571	32,568
WILLOW CREEK	10.67	11,441	3,788	34,551
WOLF CREEK	1.08	3,130	1,036	9,451
WOLF CREEK	1.38	3,562	1,179	10,756
WOLF CREEK	5.48	9,773	3,236	29,514
BUCKNERS CREEK - COLORADO RIVER				
BAYLOR CREEK	0.90	2,610	864	7,883
BAYLOR CREEK	1.70	4,337	1,436	13,099
BAYLOR CREEK	2.09	4,973	1,647	15,019
BAYLOR CREEK	3.13	6,760	2,239	20,416
BAYLOR CREEK	3.77	7,474	2,475	22,570
BAYLOR CREEK	4.67	8,616	2,853	26,021
BAYLOR CREEK	5.44	9,358	3,099	28,260
BAYLOR CREEK	9.69	14,971	4,957	45,211
BAYLOR CREEK	9.84	14,618	4,840	44,145
BAYLOR CREEK	10.45	15,216	5,038	45,951
BAYLOR CREEK	15.55	19,517	6,463	58,940
BISHOP BRANCH	0.60	1,378	456	4,162
BISHOP BRANCH	1.12	2,331	772	7,040
BISHOP BRANCH	2.01	3,203	1,060	9,672
BISHOP BRANCH	3.01	4,461	1,477	13,472
BISHOP BRANCH	3.05	4,426	1,466	13,366
BLACKJACK CREEK	1.07	2,828	936	8,539
BLACKJACK CREEK	1.76	3,870	1,281	11,686
BLACKJACK CREEK	2.38	4,894	1,620	14,778
BLACKJACK CREEK	3.88	7,413	2,455	22,386
BLACKJACK CREEK	4.79	7,826	2,592	23,635
BLACKJACK CREEK	5.05	7,963	2,637	24,047
BLUE BRANCH	1.04	3,192	1,057	9,639
BLUE BRANCH	1.16	3,532	1,170	10,668



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
BO BRANCH	1.00	2,275	753	6,871
BO BRANCH	1.20	2,391	792	7,219
BO BRANCH	2.20	3,551	1,176	10,724
BO BRANCH	2.42	3,697	1,224	11,166
BRUNE CREEK	0.83	2,321	769	7,011
BRUNE CREEK	2.57	5,206	1,724	15,722
BRUNE CREEK	2.97	5,578	1,847	16,844
BRUSH CREEK	0.53	1,714	567	5,175
BRUSH CREEK	1.46	3,871	1,282	11,690
BRUSH CREEK	1.55	3,942	1,305	11,904
BRUSH CREEK	2.45	5,688	1,883	17,177
BRUSH CREEK	2.94	6,427	2,128	19,408
BRUSH CREEK	3.45	7,132	2,362	21,539
BRUSH CREEK	4.44	8,640	2,861	26,091
BRUSH CREEK	4.96	9,491	3,143	28,663
BRUSH CREEK	5.96	10,862	3,597	32,804
BRUSH CREEK	6.90	11,445	3,790	34,563
BRUSHY CREEK W	0.57	2,041	676	6,163
BRUSHY CREEK W	7.50	12,140	4,020	36,663
BRUSHY CREEK W	8.24	12,614	4,177	38,094
BRUSHY CREEK W	8.69	12,414	4,111	37,490
BRUSHY CREEK W	9.79	13,636	4,515	41,181
BRUSHY CREEK W	10.59	14,076	4,661	42,510
BRUSHY CREEK W	13.26	16,192	5,362	48,899
BUCKNER 001	0.81	1,991	659	6,012
BUCKNER 001	1.33	3,262	1,080	9,852
BUCKNER 002	0.50	2,098	695	6,336
BUCKNER 003	1.07	3,225	1,068	9,740
BUCKNER 003	1.19	3,289	1,089	9,932
BUCKNER 003	2.95	6,791	2,249	20,509
BUCKNER 004	1.38	4,217	1,396	12,734
BUCKNER 005	0.81	1,960	649	5,920
BUCKNER 005	1.12	2,544	843	7,684
BUCKNER 006	0.27	842	279	2,543
BUCKNER 009	0.58	1,969	652	5,946
BUCKNER 010	0.43	1,629	539	4,919
BUCKNER 011	0.52	1,808	599	5,461
BUCKNER 012	0.29	1,067	353	3,221
BUCKNER 013	0.35	1,308	433	3,949



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
BUCKNER 014	0.48	1,408	466	4,253
BUCKNER 015	0.43	1,149	380	3,469
BUCKNER 015	1.32	3,126	1,035	9,441
BUCKNER 015	1.42	3,200	1,060	9,665
BUCKNER 015	2.29	4,477	1,482	13,520
BUCKNER 015	2.88	5,290	1,752	15,974
BUCKNER 015	4.78	8,040	2,662	24,279
BUCKNER 015	5.12	8,209	2,718	24,792
BUCKNER 015	6.04	9,377	3,105	28,318
BUCKNER 015	6.98	9,817	3,251	29,646
BUCKNER 015	7.09	9,912	3,282	29,935
BUCKNER 016	0.23	761	252	2,297
BUCKNER 016	0.59	1,696	561	5,121
BUCKNER 017	0.25	843	279	2,545
BUCKNER 018	0.40	943	312	2,848
BUCKNER 018	1.01	2,194	726	6,625
BUCKNER 018	1.82	3,361	1,113	10,149
BUCKNER 019	0.23	783	259	2,366
BUCKNER 020	0.91	2,236	740	6,752
BUCKNER 021	0.10	404	134	1,221
BUCKNER 022	1.00	2,262	749	6,831
BUCKNER 022	1.18	2,534	839	7,651
BUCKNER 024	0.42	1,538	509	4,646
BUCKNER 024	0.83	2,620	868	7,912
BUCKNER 025	0.34	1,255	416	3,790
BUCKNER 026	1.02	2,083	690	6,289
BUCKNER 026	1.88	3,420	1,133	10,329
BUCKNER 026	2.24	4,048	1,340	12,223
BUCKNER 027	0.49	1,660	550	5,014
BUCKNER 028	0.29	982	325	2,966
BUCKNER 029	0.18	724	240	2,186
BUCKNER 030	0.88	2,195	727	6,628
BUCKNER 031	1.00	2,386	790	7,204
BUCKNER 031	1.07	2,467	817	7,452
BUCKNER 031	1.98	4,304	1,425	12,999
BUCKNER 031	2.25	4,796	1,588	14,483
BUCKNER 031	2.44	4,818	1,595	14,551
BUCKNER 031	3.07	5,729	1,897	17,301
BUCKNER 031	4.02	7,294	2,415	22,028



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
BUCKNER 032	0.41	694	230	2,095
BUCKNER 034	0.59	1,775	588	5,359
BUCKNER 034	1.50	3,963	1,312	11,967
BUCKNER 034	1.57	4,085	1,353	12,337
BUCKNER 035	1.01	2,492	825	7,526
BUCKNER 035	1.21	2,953	978	8,917
BUCKNER 036	0.70	1,912	633	5,773
BUCKNER 036	1.95	4,794	1,588	14,479
BUCKNER 036	2.05	4,947	1,638	14,940
BUCKNER 036	2.26	5,329	1,765	16,094
BUCKNER 037	1.11	2,723	902	8,223
BUCKNER 039	1.08	2,746	909	8,293
BUCKNER 039	1.20	2,880	954	8,696
BUCKNER 039	1.93	4,191	1,388	12,656
BUCKNER 040	0.41	1,431	474	4,320
BUCKNER 041	0.56	1,613	534	4,871
BUCKNER 043	0.28	1,030	341	3,110
BUCKNER 044	0.82	2,531	838	7,642
BUCKNER 046	0.31	759	251	2,293
BUCKNER 048	1.03	3,113	1,031	9,401
BUCKNER 048	1.47	3,769	1,248	11,383
BUCKNER 050	0.64	1,754	581	5,298
BUCKNER 051	0.25	769	255	2,321
BUCKNER 052	0.32	790	262	2,386
BUCKNER 054	0.17	587	194	1,772
BUCKNER 054	0.48	1,424	472	4,301
BUCKNER 055	0.31	921	305	2,781
BUCKNER 056	0.86	3,252	1,077	9,820
BUCKNER 057	0.44	1,779	589	5,373
BUCKNER 057	1.25	4,608	1,526	13,914
BUCKNER 057	1.38	4,656	1,542	14,061
BUCKNER 058	0.65	1,416	469	4,276
BUCKNER 058	1.23	2,654	879	8,014
BUCKNER 058	1.54	3,441	1,139	10,391
BUCKNER 059	0.69	1,959	649	5,916
BUCKNER 060	0.31	1,161	385	3,508
BUCKNER 062	0.26	950	315	2,870
BUCKNER 062	0.72	2,106	697	6,360
BUCKNER 063	0.15	554	183	1,672



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
BUCKNER 064	0.39	946	313	2,856
BUCKNER 067	0.71	2,126	704	6,420
BUCKNER 068	0.72	2,081	689	6,285
BUCKNER 068	1.29	3,272	1,083	9,880
BUCKNER 069	0.28	985	326	2,975
BUCKNER 070	1.11	2,950	977	8,908
BUCKNER 070	1.38	3,159	1,046	9,539
BUCKNER 072	0.73	2,348	778	7,091
BUCKNER 072	1.22	3,762	1,246	11,362
BUCKNER 072	2.18	5,584	1,849	16,864
BUCKNER 072	2.77	6,506	2,154	19,647
BUCKNER 074	0.70	2,063	683	6,231
BUCKNER 074	1.22	3,364	1,114	10,159
BUCKNER 074	1.28	3,418	1,132	10,321
BUCKNER 074	1.31	3,457	1,145	10,441
BUCKNER 074	1.33	3,552	1,176	10,725
BUCKNER 074	1.45	3,642	1,206	10,999
BUCKNER 074	2.45	5,353	1,773	16,166
BUCKNER 077	0.79	2,103	696	6,350
BUCKNER 077	1.14	2,689	890	8,121
BUCKNER 077	2.12	4,650	1,540	14,043
BUCKNER 077	3.05	5,574	1,846	16,834
BUCKNER 081	0.56	2,044	677	6,172
BUCKNER 082	1.08	3,387	1,122	10,229
BUCKNER 082	2.06	4,865	1,611	14,691
BUCKNER 082	2.71	5,673	1,879	17,133
BUCKNER 083	0.44	1,574	521	4,754
BUCKNER 085	0.72	2,219	735	6,702
BUCKNER 087	0.28	1,033	342	3,119
BUCKNER 087	0.56	2,036	674	6,147
BUCKNER 088	0.25	935	309	2,822
BUCKNER 089	0.89	2,610	864	7,881
BUCKNER 089	1.49	4,141	1,371	12,506
BUCKNER 089	1.98	4,821	1,596	14,559
BUCKNER 090	0.76	2,606	863	7,869
BUCKNER 091	1.00	3,098	1,026	9,355
BUCKNER 091	1.06	3,378	1,118	10,201
BUCKNER 093	0.42	1,697	562	5,125
BUCKNER 095	0.75	2,690	891	8,125



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
BUCKNER 095	1.29	3,618	1,198	10,926
BUCKNER 095	1.32	3,642	1,206	10,998
BUCKNER 096	0.89	2,428	804	7,333
BUCKNER 097	1.01	2,853	945	8,615
BUCKNER 097	2.02	4,469	1,480	13,495
BUCKNER 097	2.05	4,456	1,476	13,457
BUCKNER 099	0.14	646	214	1,951
BUCKNER 100	0.86	1,707	565	5,155
BUCKNER 101	0.42	1,112	368	3,359
BUCKNER 101	0.44	1,136	376	3,431
BUCKNER 101	1.75	3,943	1,306	11,907
BUCKNER 101	2.04	4,222	1,398	12,749
BUCKNER 101	2.08	4,094	1,356	12,365
BUCKNER 103	1.03	3,096	1,025	9,349
BUCKNER 103	1.41	3,663	1,213	11,064
BUCKNER 104	0.61	1,795	594	5,421
BUCKNER 104	0.95	2,685	889	8,108
BUCKNER 104	1.78	4,304	1,425	12,997
BUCKNER 104	2.41	5,260	1,742	15,885
BUCKNER 104	2.74	5,796	1,919	17,505
BUCKNER 104	4.25	8,348	2,764	25,212
BUCKNER 105	0.28	760	252	2,296
BUCKNER 106	1.02	2,332	772	7,043
BUCKNER 106	1.08	2,357	780	7,117
BUCKNER 109	0.60	690	229	2,084
BUCKNER 111	0.44	2,017	668	6,090
BUCKNER 111	1.29	4,912	1,627	14,835
BUCKNER 111	1.33	4,727	1,565	14,277
BUCKNER 114	0.94	2,578	854	7,785
BUCKNER 115	0.73	1,717	569	5,187
BUCKNER 116	0.85	2,224	736	6,715
BUCKNER 118	0.44	1,329	440	4,014
BUCKNER 119	0.65	1,654	548	4,995
BUCKNER 120	0.38	1,006	333	3,039
BUCKNER 121	0.56	1,318	437	3,981
BUCKNER 122	1.09	2,492	825	7,526
BUCKNER 122	1.11	2,501	828	7,551
BUCKNER 122	1.29	2,755	912	8,319
BUCKNER 123	0.15	413	137	1,246



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
BUCKNER 124	0.55	1,061	351	3,205
BUCKNER 124	1.29	2,628	870	7,937
BUCKNER 125	0.36	882	292	2,663
BUCKNER 125	0.64	1,393	461	4,208
BUCKNER 126	0.23	629	208	1,899
BUCKNER 127	0.26	652	216	1,970
BUCKNER 128	0.94	2,300	761	6,945
BUCKNER 129	0.40	992	328	2,995
BUCKNER 129	1.87	3,748	1,241	11,318
BUCKNER 129	2.53	4,421	1,464	13,352
BUCKNER 130	0.74	2,133	706	6,441
BUCKNER 131	0.35	684	227	2,067
BUCKNER 131	0.81	1,937	641	5,849
BUCKNER 132	0.46	1,124	372	3,394
BUCKNER 132	0.46	1,126	373	3,399
BUCKNER 133	0.75	1,890	626	5,709
BUCKNER 134	0.18	560	185	1,691
BUCKNER 137	0.63	1,328	440	4,012
BUCKNER 137	1.71	2,883	955	8,707
BUCKNER 138	0.29	693	229	2,092
BUCKNER 138	0.79	1,582	524	4,779
BUCKNER 139	0.13	390	129	1,178
BUCKNER 140	1.04	2,636	873	7,961
BUCKNER 140	1.45	3,103	1,027	9,371
BUCKNER 141	0.94	2,295	760	6,930
BUCKNER 141	1.97	4,140	1,371	12,504
BUCKNER 141	3.99	6,520	2,159	19,691
BUCKNER 141	4.04	6,505	2,154	19,644
BUCKNER 142	0.97	2,594	859	7,835
BUCKNER 143	1.01	2,064	684	6,234
BUCKNER 143	1.04	2,024	670	6,113
BUCKNER 146	0.37	1,053	349	3,179
BUCKNER 147	0.55	1,295	429	3,912
BUCKNER 148	0.39	932	308	2,813
BUCKNER 150	1.01	3,105	1,028	9,377
BUCKNER 150	1.50	3,584	1,187	10,824
BUCKNER 151	0.97	2,430	805	7,339
BUCKNER 151	2.59	5,258	1,741	15,879
BUCKNER 152	0.36	1,039	344	3,138



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
BUCKNER 152	1.31	3,126	1,035	9,441
BUCKNER 153	0.74	1,970	652	5,950
BUCKNER 154	0.95	2,067	685	6,244
BUCKNER 155	0.57	1,338	443	4,041
BUCKNER 156	0.96	2,658	880	8,028
BUCKNER 156	1.62	3,489	1,155	10,537
BUCKNER 156	2.49	4,482	1,484	13,534
BUCKNER 157	0.35	979	324	2,956
BUCKNER 158	0.14	299	99	903
BUCKNER 159	0.56	1,419	470	4,285
BUCKNER 160	1.01	2,114	700	6,385
BUCKNER 160	1.09	2,205	730	6,659
BUCKNER 161	0.78	1,720	570	5,195
BUCKNER 163	0.28	771	255	2,330
BUCKNER 164	0.83	1,775	588	5,359
BUCKNER 165	0.74	1,695	561	5,120
BUCKNER 166	0.47	1,220	404	3,684
BUCKNER 168	0.97	1,824	604	5,509
BUCKNER 169	0.69	1,931	640	5,832
BUCKNER 170	0.90	1,980	655	5,978
BUCKNER 171	0.56	1,361	451	4,109
BUCKNER 172	0.90	1,826	605	5,515
BUCKNER 172	1.34	2,496	826	7,538
BUCKNER 173	0.34	875	290	2,644
BUCKNER 174	1.00	1,986	658	5,997
BUCKNER 174	1.13	2,137	708	6,453
BUCKNER 175	0.96	2,177	721	6,575
BUCKNER 176	1.04	2,101	696	6,346
BUCKNER 176	1.94	3,339	1,106	10,084
BUCKNER 177	0.18	506	168	1,528
BUCKNER 178	0.61	1,475	489	4,456
BUCKNER 179	0.74	1,623	538	4,902
BUCKNER 179	1.15	2,331	772	7,040
BUCKNER 179	2.05	3,422	1,133	10,334
BUCKNER 179	2.81	4,266	1,413	12,883
BUCKNER 180	0.59	1,221	404	3,688
BUCKNER 181	0.65	1,493	495	4,510
BUCKNER 182	0.77	1,713	567	5,175
BUCKNER 183	0.41	1,016	336	3,068



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
BUCKNER 184	0.80	1,973	653	5,959
BUCKNER 185	0.27	679	225	2,052
BUCKNER 185	0.62	1,485	492	4,486
BUCKNER 186	0.34	964	319	2,913
BUCKNER 187	1.03	2,341	775	7,069
BUCKNER 187	1.56	2,806	929	8,474
BUCKNER 188	0.77	1,666	552	5,032
BUCKNER 188	1.16	2,220	735	6,704
BUCKNER 189	1.03	2,105	697	6,358
BUCKNER 191	0.52	1,279	423	3,862
BUCKNER 192	0.78	1,655	548	4,999
BUCKNER 194	1.01	1,990	659	6,011
BUCKNER 194	1.15	2,123	703	6,411
BUCKNER 194	3.91	5,651	1,871	17,067
BUCKNER 194	6.34	8,315	2,754	25,112
BUCKNER 195	1.01	2,022	669	6,105
BUCKNER 195	1.66	2,889	957	8,725
BUCKNER 195	2.65	4,165	1,379	12,577
BUCKNER 196	0.76	1,673	554	5,053
BUCKNER 197	0.41	1,029	341	3,107
BUCKNER 197	1.32	2,598	860	7,847
BUCKNER 197	2.31	3,621	1,199	10,937
BUCKNER 197	2.40	3,671	1,215	11,085
BUCKNER 198	0.96	1,962	650	5,926
BUCKNER 199	0.93	1,908	632	5,762
BUCKNER 199	1.91	3,407	1,128	10,289
BUCKNER 200	0.78	1,926	638	5,816
BUCKNER 201	0.65	1,352	448	4,083
BUCKNER 203	0.21	699	232	2,112
BUCKNER 203	0.90	1,980	656	5,980
BUCKNER 204	0.66	1,518	503	4,585
BUCKNER 205	0.38	978	324	2,952
BUCKNER 205	1.42	2,828	937	8,541
BUCKNER 206	0.79	1,790	593	5,407
BUCKNER 207	0.91	1,725	571	5,211
BUCKNER 208	0.55	1,143	378	3,450
BUCKNER 209	0.50	1,179	391	3,562
BUCKNER 210	1.01	1,923	637	5,807
BUCKNER 210	1.17	2,109	698	6,368



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
BUCKNER 212	0.51	1,153	382	3,481
BUCKNER 213	1.02	2,291	759	6,918
BUCKNER 213	1.89	3,498	1,158	10,565
BUCKNER 213	2.52	4,205	1,392	12,699
BUCKNER 213	3.52	5,276	1,747	15,933
BUCKNER 213	4.50	6,227	2,062	18,805
BUCKNER 213	4.58	6,227	2,062	18,806
BUCKNER 214	0.58	1,615	535	4,876
BUCKNER 216	0.79	2,212	732	6,679
BUCKNER 217	0.37	1,129	374	3,408
BUCKNER 218	0.82	1,877	621	5,667
BUCKNER 219	0.75	1,820	603	5,498
BUCKNER 221	0.27	783	259	2,364
BUCKNER 222	0.98	1,969	652	5,946
BUCKNER 223	0.42	1,092	361	3,296
BUCKNER 224	1.00	2,551	845	7,703
BUCKNER 224	1.87	3,938	1,304	11,893
BUCKNER 225	0.44	1,265	419	3,821
BUCKNER 227	0.67	1,717	569	5,186
BUCKNER 228	0.45	1,272	421	3,843
BUCKNER 229	0.60	1,575	522	4,757
BUCKNER 231	0.63	1,729	573	5,222
BUCKNER 232	0.57	1,640	543	4,953
BUCKNER 233	0.84	2,370	785	7,159
BUCKNER 234	0.24	988	327	2,985
BUCKNER 236	0.13	424	141	1,281
BUCKNER 237	0.80	1,639	543	4,951
BUCKNER 239	1.09	2,928	970	8,844
BUCKNER 239	1.23	3,386	1,121	10,225
BUCKNER 240	0.96	3,014	998	9,102
BUCKNER 241	0.24	760	252	2,294
BUCKNER 243	0.92	2,007	665	6,062
BUCKNER 244	0.43	1,188	394	3,589
BUCKNER 245	1.00	3,350	1,109	10,117
BUCKNER 245	1.22	3,644	1,207	11,006
BUCKNER 246	0.72	1,966	651	5,937
BUCKNER 249	0.98	2,556	846	7,719
BUCKNER 251	1.01	1,621	537	4,894
BUCKNER 251	1.53	2,635	873	7,958



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
BUCKNER 251	5.69	8,168	2,705	24,666
BUCKNER 251	6.05	8,822	2,921	26,641
BUCKNER 254	0.81	2,503	829	7,559
BUCKNER 256	0.68	2,474	819	7,472
BUCKNER 257	0.65	1,772	587	5,351
BUCKNER 257	1.12	2,747	910	8,296
BUCKNER 257	2.06	4,124	1,366	12,454
BUCKNER 257	3.01	5,671	1,878	17,127
BUCKNER 257	3.56	6,506	2,154	19,647
BUCKNERS CREEK	0.59	1,672	554	5,049
BUCKNERS CREEK	1.32	3,120	1,033	9,423
BUCKNERS CREEK	1.93	3,605	1,194	10,888
BUCKNERS CREEK	2.88	5,193	1,719	15,681
BUCKNERS CREEK	3.12	5,212	1,726	15,741
BUCKNERS CREEK	4.59	7,281	2,411	21,989
BUCKNERS CREEK	5.54	8,152	2,699	24,618
BUCKNERS CREEK	6.06	8,199	2,715	24,761
BUCKNERS CREEK	7.06	9,062	3,001	27,367
BUCKNERS CREEK	7.25	9,038	2,993	27,295
BUCKNERS CREEK	7.82	9,481	3,139	28,631
BUCKNERS CREEK	10.00	11,090	3,672	33,490
BUCKNERS CREEK	10.98	11,872	3,931	35,852
BUCKNERS CREEK	11.20	11,798	3,907	35,628
BUCKNERS CREEK	18.32	16,601	5,497	50,135
BUCKNERS CREEK	19.22	16,492	5,461	49,806
BUCKNERS CREEK	19.54	16,370	5,421	49,436
BUCKNERS CREEK	22.39	17,554	5,813	53,012
BUCKNERS CREEK	30.54	21,952	7,269	66,293
BUCKNERS CREEK	31.33	22,169	7,341	66,948
BUCKNERS CREEK	33.06	22,672	7,507	68,469
BUCKNERS CREEK	33.84	22,909	7,586	69,183
BUCKNERS CREEK	34.73	23,117	7,655	69,811
BUCKNERS CREEK	35.24	23,148	7,665	69,907
BUCKNERS CREEK	40.61	25,504	8,445	77,022
BUCKNERS CREEK	41.25	25,519	8,450	77,068
BUCKNERS CREEK	41.94	25,256	8,363	76,273
BUCKNERS CREEK	85.28	40,251	13,328	121,555
BUCKNERS CREEK	85.75	40,149	13,295	121,248
BUCKNERS CREEK	90.40	41,413	13,713	125,066



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
BUCKNERS CREEK	91.33	41,320	13,683	124,786
BUCKNERS CREEK	91.36	41,217	13,648	124,472
BUCKNERS CREEK	130.40	53,140	17,596	160,481
BUCKNERS CREEK	136.54	54,746	18,128	165,330
BUCKNERS CREEK	141.64	55,644	18,426	168,043
BUCKNERS CREEK	142.19	55,525	18,386	167,684
BUCKNERS CREEK	142.79	55,415	18,350	167,351
BUCKNERS CREEK	143.53	55,442	18,358	167,431
BUCKNERS CREEK	144.52	55,610	18,414	167,939
BUCKNERS CREEK	144.99	55,485	18,373	167,563
BUCKNERS CREEK	150.83	56,689	18,772	171,199
BUCKNERS CREEK	151.71	56,748	18,791	171,376
BUCKNERS CREEK	152.17	56,525	18,717	170,702
BUCKNERS CREEK	158.70	59,410	19,672	179,414
BUCKNERS CREEK	165.55	60,886	20,161	183,874
BUCKNERS CREEK	168.32	60,743	20,114	183,440
BUCKNERS CREEK	169.23	61,185	20,260	184,776
BUCKNERS CREEK	170.23	61,391	20,328	185,398
BUCKNERS CREEK	170.76	61,230	20,275	184,912
BUCKNERS CREEK	173.88	61,882	20,491	186,881
BUCKNERS CREEK	173.91	61,753	20,448	186,491
BUCKNERS CREEK	178.62	62,636	20,741	189,158
BUCKNERS CREEK	180.17	62,998	20,861	190,252
BUCKNERS CREEK	181.15	62,904	20,829	189,967
BUCKNERS CREEK	182.03	62,392	20,660	188,420
BUCKNERS CREEK	185.00	62,977	20,854	190,188
BUCKNERS CREEK	185.23	62,715	20,767	189,398
BULLFROG BRANCH	1.00	3,074	1,018	9,285
BULLFROG BRANCH	1.65	4,399	1,457	13,285
BULLFROG BRANCH	2.12	4,936	1,634	14,907
BUSBY BRANCH	0.52	1,432	474	4,325
BUSBY BRANCH	1.11	2,674	885	8,074
BUSBY BRANCH	1.88	3,407	1,128	10,288
BUSBY BRANCH	2.30	3,783	1,253	11,424
BUSBY BRANCH	4.37	5,773	1,911	17,433
BUSBY BRANCH	5.07	6,437	2,131	19,439
CEDAR BRANCH	1.07	3,022	1,001	9,125
CEDAR BRANCH	1.11	3,113	1,031	9,400
CEDAR BRANCH	1.97	5,038	1,668	15,214



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
CEDAR BRANCH	2.31	5,505	1,823	16,626
CEDAR BRANCH	2.92	6,403	2,120	19,337
CEDAR CREEK	1.23	3,363	1,114	10,156
CEDAR CREEK	2.15	5,029	1,665	15,186
CEDAR CREEK	2.68	5,462	1,809	16,494
CEDAR CREEK	3.55	6,645	2,200	20,068
CEDAR CREEK	4.32	7,326	2,426	22,123
CEDAR CREEK	5.09	8,185	2,710	24,717
CEDAR CREEK E	4.17	8,037	2,661	24,270
CEDAR CREEK E	5.89	10,499	3,476	31,705
CEDAR CREEK E	6.72	11,057	3,661	33,390
CEDAR CREEK E	7.81	11,979	3,967	36,176
CEDAR CREEK E	8.22	12,076	3,999	36,469
CEDAR CREEK E	8.84	12,423	4,114	37,517
CEDAR CREEK E	9.43	12,728	4,215	38,438
CEDAR CREEK E	9.45	12,642	4,186	38,179
CEDAR CREEK E	9.83	12,902	4,272	38,964
CEDAR CREEK E	9.87	12,836	4,251	38,766
CEDAR CREEK E	11.30	14,294	4,733	43,168
CEDAR CREEK E	11.92	14,310	4,738	43,215
CEDAR CREEK E	12.25	14,091	4,666	42,555
CEDAR CREEK NE	1.18	4,291	1,421	12,959
CEDAR CREEK NE	2.05	5,608	1,857	16,935
CEDAR CREEK NE	3.05	6,639	2,198	20,049
CEDAR CREEK NE	3.29	6,661	2,206	20,114
CEDAR CREEK NE	4.29	8,210	2,719	24,793
CEDAR CREEK NE	4.40	8,261	2,736	24,948
CEDAR CREEK NE	5.04	9,106	3,015	27,499
CEDAR CREEK NE	6.49	10,939	3,622	33,035
CEDAR CREEK NE	6.73	11,239	3,722	33,942
CEDAR CREEK NE	8.11	12,644	4,187	38,186
CEDAR CREEK NE	8.83	13,542	4,484	40,896
CEDAR CREEK NE	10.13	14,827	4,910	44,777
CREAMER CREEK	0.79	2,351	779	7,101
CREAMER CREEK	1.17	3,144	1,041	9,495
CREAMER CREEK	2.07	5,103	1,690	15,411
CREAMER CREEK	2.55	5,880	1,947	17,757
CREAMER CREEK	4.33	8,602	2,848	25,976
CRIER CREEK	1.30	3,733	1,236	11,273



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
CRIER CREEK	2.23	5,001	1,656	15,104
CRIER CREEK	4.24	7,447	2,466	22,490
CRIER CREEK	5.22	8,810	2,917	26,607
CRIER CREEK	5.83	9,005	2,982	27,196
CRIER CREEK	7.13	10,730	3,553	32,403
CRIER CREEK	8.68	12,114	4,011	36,584
CRIER CREEK	9.38	13,078	4,330	39,494
CRIER CREEK	9.89	13,094	4,336	39,543
DOGWOOD BRANCH	1.29	2,938	973	8,871
DOGWOOD BRANCH	1.94	3,811	1,262	11,508
DOGWOOD BRANCH	2.94	5,216	1,727	15,751
DOGWOOD BRANCH	3.84	6,278	2,079	18,958
DOGWOOD BRANCH	4.84	7,103	2,352	21,451
DOGWOOD BRANCH	5.03	7,119	2,357	21,500
DOGWOOD BRANCH	6.00	8,185	2,710	24,720
DOGWOOD BRANCH	6.65	8,815	2,919	26,621
DOGWOOD CREEK	0.87	1,897	628	5,730
DOGWOOD CREEK	2.15	3,798	1,257	11,468
DOGWOOD CREEK	2.52	4,207	1,393	12,706
DOGWOOD CREEK	3.52	5,289	1,751	15,971
DOGWOOD CREEK	3.87	5,470	1,811	16,518
DOGWOOD CREEK	4.83	6,115	2,025	18,466
DOGWOOD CREEK	5.32	6,513	2,157	19,670
DOGWOOD CREEK	7.42	7,806	2,585	23,573
DOGWOOD CREEK	8.24	8,515	2,820	25,715
DRY CREEK	1.09	2,709	897	8,181
DRY CREEK	1.98	4,281	1,418	12,928
DRY CREEK	2.52	5,123	1,696	15,471
DRY CREEK	3.47	6,352	2,103	19,182
DRY CREEK	4.11	7,171	2,374	21,655
DRY CREEK	4.44	7,778	2,575	23,488
DRY CREEK	5.43	8,545	2,830	25,806
DRY CREEK	6.20	9,021	2,987	27,244
DRY CREEK	6.68	9,546	3,161	28,829
DUTYS CREEK	0.95	2,637	873	7,964
DUTYS CREEK	1.74	4,295	1,422	12,970
DUTYS CREEK	2.48	5,219	1,728	15,762
DUTYS CREEK	3.49	6,957	2,304	21,010
DUTYS CREEK	3.68	7,136	2,363	21,551



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
DUTYS CREEK	4.26	7,462	2,471	22,534
DUTYS CREEK	4.37	7,341	2,431	22,170
DUTYS CREEK	4.79	7,808	2,586	23,580
DUTYS CREEK	7.88	11,639	3,854	35,150
DUTYS CREEK	9.22	13,184	4,366	39,816
DUTYS CREEK	9.48	13,002	4,306	39,267
ELLINGER BRANCH	1.04	2,813	932	8,497
ELLINGER BRANCH	2.01	4,233	1,402	12,783
ELLINGER BRANCH	2.83	5,683	1,882	17,163
HARVEY CREEK	0.66	2,027	671	6,122
HARVEY CREEK	1.14	3,046	1,009	9,199
HARVEY CREEK	1.71	3,844	1,273	11,610
HARVEY CREEK	3.59	6,573	2,177	19,850
HARVEY CREEK	11.17	13,535	4,482	40,874
HARVEY CREEK	12.02	14,732	4,878	44,490
HARVEY CREEK	13.03	15,312	5,070	46,242
HARVEY CREEK	13.16	15,625	5,174	47,186
HARVEY CREEK	14.03	15,784	5,227	47,666
HARVEY CREEK	14.59	16,187	5,360	48,883
HARVEY CREEK	15.03	16,578	5,490	50,066
HARVEY CREEK	15.06	16,521	5,471	49,893
HARVEY CREEK	15.38	16,793	5,561	50,715
HARVEY CREEK	17.95	18,516	6,131	55,917
HARVEY CREEK	18.57	18,929	6,268	57,163
HARVEY CREEK	18.66	18,942	6,272	57,205
HARVEY CREEK	18.96	19,181	6,351	57,926
HARVEY CREEK	19.57	19,609	6,493	59,218
HARVEY CREEK	20.18	19,814	6,561	59,839
HARVEY CREEK	21.18	21,324	7,061	64,397
HARVEY CREEK	21.51	22,062	7,305	66,626
HARVEY CREEK	35.75	32,038	10,609	96,755
HAW BRANCH	1.00	2,278	754	6,879
HAW BRANCH	1.43	2,926	969	8,836
HAW BRANCH	3.36	5,767	1,910	17,417
HIGH HILL CREEK	1.10	3,848	1,274	11,621
HIGH HILL CREEK	2.09	6,083	2,014	18,370
HIGH HILL CREEK	3.09	7,169	2,374	21,649
HIGH HILL CREEK	3.38	7,422	2,458	22,414
HILL CREEK	0.85	1,772	587	5,352



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
HILL CREEK	1.35	2,648	877	7,996
HILL CREEK	2.36	3,795	1,257	11,460
HILL CREEK	2.55	3,964	1,313	11,970
HILL CREEK	3.75	5,519	1,828	16,668
HILL CREEK	3.78	5,525	1,830	16,687
HILL CREEK	4.51	6,799	2,252	20,534
IRON ORE BRANCH	0.25	943	312	2,847
IRON ORE BRANCH	1.44	3,503	1,160	10,579
IRON ORE BRANCH	2.17	5,021	1,662	15,162
JACK YOUNG CREEK	0.51	1,259	417	3,804
JACK YOUNG CREEK	1.35	2,919	967	8,816
JACK YOUNG CREEK	2.65	5,107	1,691	15,422
JACK YOUNG CREEK	2.81	5,043	1,670	15,228
JACK YOUNG CREEK	3.37	5,276	1,747	15,933
JACK YOUNG CREEK	4.32	6,058	2,006	18,296
JACK YOUNG CREEK	4.95	6,482	2,146	19,575
JONES CREEK	1.21	3,385	1,121	10,223
JONES CREEK	2.20	5,180	1,715	15,642
JONES CREEK	2.39	5,463	1,809	16,498
JONES CREEK	2.68	5,997	1,986	18,112
JORDAN CREEK	0.65	2,465	816	7,444
JORDAN CREEK	1.75	5,458	1,807	16,482
JORDAN CREEK	2.60	6,677	2,211	20,165
JORDAN CREEK	3.45	8,429	2,791	25,454
JORDAN CREEK	4.43	8,793	2,912	26,554
JORDAN CREEK	5.23	9,268	3,069	27,988
JORDAN CREEK	7.44	11,841	3,921	35,761
LANE POOL CREEK	1.00	2,749	910	8,301
LANE POOL CREEK	2.00	4,549	1,506	13,739
LANE POOL CREEK	2.98	6,013	1,991	18,160
LANE POOL CREEK	3.89	7,377	2,443	22,279
LANE POOL CREEK	4.66	7,911	2,620	23,891
LANE POOL CREEK	6.48	10,412	3,448	31,442
LANE POOL CREEK	7.32	10,858	3,595	32,791
LANE POOL CREEK	8.20	11,234	3,720	33,927
LANE POOL CREEK	8.54	11,392	3,772	34,402
LANE POOL CREEK	12.44	15,101	5,000	45,605
LANE POOL CREEK	13.43	16,054	5,316	48,481
LANE POOL CREEK	13.44	16,181	5,358	48,865



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
LIVE OAK CREEK	2.24	3,724	1,233	11,247
LIVE OAK CREEK	3.01	4,645	1,538	14,027
LIVE OAK CREEK	3.88	5,488	1,817	16,574
LIVE OAK CREEK	5.18	6,706	2,221	20,252
LIVE OAK CREEK	6.17	7,624	2,525	23,025
LIVE OAK CREEK	6.65	7,613	2,521	22,990
LIVE OAK CREEK	7.45	8,332	2,759	25,161
LIVE OAK CREEK	8.44	8,890	2,944	26,847
LIVE OAK CREEK	9.37	9,377	3,105	28,319
LIVE OAK CREEK	10.11	9,888	3,274	29,862
LIVE OAK CREEK	12.44	11,236	3,721	33,933
LIVE OAK CREEK	12.77	11,292	3,739	34,102
LIVE OAK CREEK	13.14	11,530	3,818	34,821
LIVE OAK CREEK	17.06	13,823	4,577	41,744
LIVE OAK CREEK	17.80	14,128	4,678	42,664
LIVE OAK CREEK	18.77	14,569	4,824	43,998
LIVE OAK CREEK	19.38	14,752	4,885	44,551
LIVE OAK CREEK	22.78	16,422	5,438	49,594
LIVE OAK CREEK	23.50	16,656	5,515	50,301
LIVE OAK CREEK	24.49	17,023	5,637	51,410
LIVE OAK CREEK	24.77	17,000	5,629	51,339
LIVE OAK CREEK	25.72	17,254	5,713	52,106
LIVE OAK CREEK	25.82	17,370	5,752	52,457
LIVE OAK CREEK	34.48	21,602	7,153	65,236
LIVE OAK CREEK	34.75	21,566	7,141	65,128
LIVE OAK CREEK	35.22	21,720	7,192	65,594
LIVE OAK CREEK	38.22	22,704	7,518	68,564
LIVE OAK CREEK	38.87	22,913	7,587	69,197
LIVE OAK CREEK	39.86	23,308	7,718	70,389
LIVE OAK CREEK	40.83	23,420	7,755	70,727
LIVE OAK CREEK	41.03	23,479	7,775	70,905
LIVE OAK CREEK	41.55	23,513	7,786	71,008
LIVE OAK CREEK	42.49	24,111	7,984	72,814
LIVE OAK CREEK	42.60	24,110	7,984	72,812
MIDDLE FORK	0.74	1,951	646	5,892
MIDDLE FORK	1.53	3,437	1,138	10,378
MIDDLE FORK	2.25	4,542	1,504	13,718
MIDDLE FORK	2.99	5,483	1,816	16,559
MIDDLE FORK	3.39	5,990	1,983	18,089



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
MIDDLE FORK	5.52	8,982	2,974	27,125
MIDDLE FORK	6.30	10,485	3,472	31,665
O QUINN BRANCH	1.00	2,485	823	7,505
O QUINN BRANCH	2.39	5,268	1,744	15,909
O QUINN BRANCH	3.19	6,695	2,217	20,218
O QUINN BRANCH	4.19	7,440	2,464	22,468
O QUINN BRANCH	4.34	7,395	2,449	22,334
O QUINN BRANCH	4.95	8,001	2,649	24,164
O QUINN BRANCH	5.76	8,520	2,821	25,731
O QUINN BRANCH	6.38	8,877	2,939	26,808
ORISWELL CREEK	1.06	3,430	1,136	10,357
ORISWELL CREEK	2.02	4,846	1,605	14,635
ORISWELL CREEK	2.38	5,274	1,746	15,927
ORISWELL CREEK	4.70	8,425	2,790	25,442
ORISWELL CREEK	5.33	8,655	2,866	26,139
PECAN CREEK	2.00	5,320	1,762	16,066
PECAN CREEK	2.89	6,365	2,108	19,222
PECAN CREEK	3.89	8,131	2,692	24,555
PECAN CREEK	4.83	9,370	3,103	28,298
PECAN CREEK	4.99	9,390	3,109	28,356
PETTYS CREEK	1.06	2,962	981	8,946
PETTYS CREEK	2.06	4,392	1,454	13,265
PETTYS CREEK	3.05	5,652	1,872	17,070
PETTYS CREEK	3.09	5,708	1,890	17,237
PETTYS CREEK	6.13	9,762	3,233	29,481
PETTYS CREEK	7.75	11,856	3,926	35,803
PETTYS CREEK	7.86	11,728	3,884	35,419
PETTYS CREEK	9.00	12,971	4,295	39,171
PIN OAK CREEK	1.01	2,306	764	6,965
PIN OAK CREEK	1.22	2,651	878	8,007
PIN OAK CREEK	1.99	4,359	1,443	13,164
PIN OAK CREEK	2.52	4,773	1,581	14,414
PIN OAK CREEK	3.41	5,964	1,975	18,012
PIN OAK CREEK	6.78	10,295	3,409	31,090
PIN OAK CREEK	9.66	12,972	4,295	39,173
PIN OAK CREEK	10.63	13,765	4,558	41,570
PIN OAK CREEK	10.77	13,564	4,491	40,962
PIN OAK CREEK	12.24	14,829	4,910	44,784
PIN OAK CREEK	13.15	14,889	4,930	44,964



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
PIN OAK CREEK	13.63	14,820	4,907	44,756
PIN OAK CREEK	17.73	18,213	6,031	55,001
PIN OAK CREEK	19.08	19,270	6,381	58,193
PIN OAK CREEK	20.55	19,509	6,460	58,916
PIN OAK CREEK	21.29	19,713	6,528	59,532
PIN OAK CREEK	21.70	19,668	6,513	59,397
PIN OAK CREEK	23.72	20,544	6,803	62,042
PIN OAK CREEK	27.03	22,753	7,534	68,714
PIN OAK CREEK	27.68	22,581	7,477	68,194
PIN OAK CREEK	28.27	22,630	7,493	68,341
PIN OAK CREEK	29.25	22,837	7,562	68,966
PIN OAK CREEK	29.76	22,866	7,572	69,053
PIN OAK CREEK	35.81	25,680	8,503	77,551
PIN OAK CREEK	36.29	25,923	8,584	78,287
PIN OAK CREEK	38.95	27,250	9,023	82,294
PIN OAK CREEK N	0.85	1,827	605	5,519
PIN OAK CREEK N	2.90	4,509	1,493	13,618
PIN OAK CREEK N	4.91	6,319	2,092	19,082
PIN OAK CREEK N	5.91	7,077	2,343	21,372
PIN OAK CREEK N	6.01	6,971	2,308	21,053
PIN OAK CREEK N	6.86	7,649	2,533	23,101
PIN OAK CREEK N	7.16	7,863	2,604	23,745
PINEY CREEK	0.69	1,970	652	5,949
PINEY CREEK	2.11	5,002	1,656	15,105
PINEY CREEK	2.68	5,767	1,910	17,416
PINEY CREEK	4.71	9,083	3,008	27,431
PINEY CREEK	5.51	9,848	3,261	29,741
PINEY CREEK	5.73	10,166	3,366	30,702
PINEY CREEK	8.69	14,079	4,662	42,516
PINEY CREEK	8.83	13,687	4,532	41,335
PINEY CREEK	9.95	15,097	4,999	45,592
PINEY CREEK	10.69	15,377	5,092	46,438
PINEY CREEK	10.71	15,470	5,123	46,718
PINEY CREEK	13.68	18,984	6,286	57,331
PRAIRIE CREEK	0.86	2,253	746	6,803
PRAIRIE CREEK	1.61	3,604	1,193	10,883
PRAIRIE CREEK	2.06	4,431	1,467	13,381
PRAIRIE CREEK	4.77	7,407	2,453	22,369
PRAIRIE CREEK	5.36	7,835	2,594	23,661



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
ROCKY CREEK	1.06	2,434	806	7,350
ROCKY CREEK	2.02	3,764	1,246	11,368
ROCKY CREEK	2.66	4,609	1,526	13,920
ROCKY CREEK	3.02	5,136	1,701	15,510
ROCKY CREEK	3.55	5,798	1,920	17,508
ROCKY CREEK	3.66	5,897	1,953	17,810
ROCKY CREEK	3.68	5,905	1,955	17,832
ROCKY CREEK	4.11	6,619	2,192	19,990
ROCKY CREEK	4.66	7,179	2,377	21,681
ROCKY CREEK	5.56	8,091	2,679	24,434
ROCKY CREEK	6.07	8,572	2,838	25,886
ROCKY CREEK	6.90	9,382	3,107	28,334
ROCKY CREEK	14.74	16,893	5,594	51,016
ROCKY CREEK	15.06	17,038	5,642	51,454
ROCKY CREEK N	0.94	2,356	780	7,115
ROCKY CREEK N	1.96	4,212	1,395	12,721
ROCKY CREEK N	2.68	5,560	1,841	16,791
ROCKY CREEK N	3.55	7,021	2,325	21,202
ROCKY CREEK N	3.83	7,409	2,453	22,374
ROCKY CREEK N	4.78	8,606	2,850	25,991
ROCKY CREEK N	5.24	9,148	3,029	27,627
ROCKY CREEK N	6.12	10,118	3,350	30,557
ROCKY CREEK N	7.02	11,217	3,714	33,874
ROCKY CREEK N	8.04	12,707	4,208	38,376
ROCKY CREEK N	8.47	13,225	4,379	39,938
ROCKY CREEK N	10.02	15,187	5,029	45,863
ROPER CREEK	2.08	5,162	1,709	15,590
ROPER CREEK	3.08	6,445	2,134	19,462
ROPER CREEK	3.93	7,397	2,449	22,340
ROPER CREEK	6.86	11,414	3,780	34,470
ROSS CREEK	0.23	804	266	2,428
ROSS CREEK	2.12	6,185	2,048	18,680
ROSS CREEK	2.20	5,769	1,910	17,424
ROSS CREEK	2.63	6,137	2,032	18,532
ROSS CREEK	2.82	6,265	2,075	18,921
ROSS CREEK	5.33	9,482	3,140	28,635
ROSS CREEK	6.29	10,871	3,600	32,829
ROSS CREEK	7.17	11,393	3,772	34,405
ROSS CREEK	8.15	12,447	4,122	37,590



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
ROSS CREEK	9.10	12,990	4,301	39,229
ROSS CREEK	9.55	13,275	4,396	40,090
ROSS CREEK	10.48	13,990	4,632	42,248
ROSS CREEK	10.90	13,980	4,629	42,220
ROSS CREEK	13.31	15,848	5,248	47,860
SALT BRANCH	1.03	2,473	819	7,469
SALT BRANCH	1.19	2,563	849	7,740
SMALLEY CREEK	0.94	2,807	930	8,477
SMALLEY CREEK	1.79	4,935	1,634	14,904
SNYDER BRANCH	1.00	3,133	1,038	9,463
SNYDER BRANCH	1.06	3,246	1,075	9,803
SOUTH FORK	1.01	2,349	778	7,095
SOUTH FORK	1.99	3,922	1,299	11,844
SOUTH FORK	2.93	5,318	1,761	16,061
SOUTH FORK	3.73	6,752	2,236	20,390
SOUTH FORK	10.20	15,399	5,099	46,504
SOUTH FORK	11.02	15,762	5,219	47,600
SOUTH FORK	13.60	18,691	6,189	56,444
SOUTH FORK	14.00	18,840	6,238	56,895
TAYLOR BRANCH	1.02	1,567	519	4,732
TAYLOR BRANCH	2.01	2,867	949	8,658
TAYLOR BRANCH	2.95	4,340	1,437	13,107
TUTTLE CREEK	1.07	2,390	791	7,217
TUTTLE CREEK	1.09	2,352	779	7,103
TUTTLE CREEK	1.99	3,751	1,242	11,329
TUTTLE CREEK	2.57	4,516	1,495	13,637
WERTZ CK	1.05	3,087	1,022	9,321
WERTZ CK	2.04	4,717	1,562	14,244
WERTZ CK	3.02	5,874	1,945	17,740
WERTZ CK	3.95	7,201	2,385	21,748
WHITE CREEK	1.55	4,301	1,424	12,989
WHITE CREEK	2.78	6,616	2,191	19,981
WHITE CREEK	4.19	8,451	2,799	25,523
WHITE CREEK	5.07	9,053	2,998	27,339
WHITE CREEK	10.87	15,547	5,148	46,952
WILLIAMS CREEK	1.01	2,808	930	8,481
WILLIAMS CREEK	2.00	4,819	1,596	14,553
WILLIAMS CREEK	2.91	5,868	1,943	17,722
WILLIAMS CREEK	3.19	5,993	1,984	18,097



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WILLIAMS CREEK	6.38	10,430	3,454	31,499
WILLIAMS CREEK	9.15	14,042	4,650	42,407
WILLIAMS CREEK	9.72	14,638	4,847	44,205
WILLIAMS CREEK	10.66	14,926	4,942	45,075
WILLIAMS CREEK	10.73	14,949	4,950	45,147
WILLIAMS CREEK	13.63	17,421	5,769	52,612
WILLIAMS CREEK	14.57	17,842	5,908	53,881
WILLIAMS CREEK	15.09	17,263	5,716	52,133
WILLIAMS CREEK	26.15	26,444	8,756	79,860
WILLIAMS CREEK	39.69	37,163	12,306	112,230
WILLIAMS CREEK	41.63	38,059	12,602	114,935
YUPON CREEK	0.54	1,509	500	4,556
YUPON CREEK	1.31	3,096	1,025	9,351
YUPON CREEK	2.31	4,458	1,476	13,463
YUPON CREEK	2.54	4,940	1,636	14,917
YUPON CREEK	4.98	8,497	2,814	25,660
YUPON CREEK	5.31	8,742	2,895	26,399
YUPON CREEK	5.98	9,660	3,199	29,172
YUPON CREEK	6.97	10,304	3,412	31,117
YUPON CREEK	6.98	10,345	3,426	31,242
CLEAR CREEK - CUMMINS CREEK				
ALBERS BRANCH	1.01	1,396	462	4,216
ALBERS BRANCH	1.40	1,650	546	4,983
ALBERS BRANCH	4.34	4,643	1,537	14,022
ALEXANDER BRANCH	1.00	1,098	364	3,317
ALEXANDER BRANCH	1.93	1,666	552	5,032
ALLEN CREEK	0.96	1,148	380	3,466
ALLEN CREEK	1.50	1,565	518	4,726
ALLEN CREEK	2.16	1,976	654	5,968
ALLEN CREEK	4.00	3,010	997	9,091
BEE BRANCH	1.01	1,596	528	4,820
BEE BRANCH	1.23	1,786	591	5,394
BEE BRANCH	2.02	2,426	803	7,326
BELL BRANCH	0.95	1,587	525	4,791
BOGGY BRANCH	1.01	1,614	535	4,876
BOGGY BRANCH	1.34	1,922	636	5,805
BOGGY CREEK	0.87	1,236	409	3,732
BOGGY CREEK	1.24	1,697	562	5,126
BOGGY CREEK	1.40	1,703	564	5,144



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
BOGGY CREEK	1.90	2,172	719	6,558
BOGGY CREEK	2.39	2,624	869	7,925
BOGGY CREEK	2.87	2,891	957	8,730
BOGGY CREEK	3.09	2,985	988	9,013
BOGGY CREEK	3.88	3,617	1,198	10,923
BOGGY CREEK	4.26	3,843	1,273	11,606
BOGGY CREEK	4.57	3,987	1,320	12,042
BOGGY CREEK	4.85	4,116	1,363	12,430
BOGGY CREEK	5.09	4,189	1,387	12,651
BOGGY CREEK	7.25	5,293	1,753	15,984
BOGGY CREEK	16.73	9,948	3,294	30,044
BOGGY CREEK	16.87	9,831	3,255	29,688
BOGGY CREEK	17.81	10,017	3,317	30,250
BOGGY CREEK	19.02	9,931	3,289	29,992
BRUSHY CREEK	1.90	1,976	654	5,968
BRUSHY CREEK	2.33	2,115	700	6,388
BRUSHY CREEK	2.73	2,410	798	7,278
BRUSHY CREEK	3.30	2,676	886	8,082
BRUSHY CREEK	3.89	2,946	975	8,896
BRUSHY CREEK	4.66	3,413	1,130	10,307
BRUSHY CREEK	5.65	3,870	1,282	11,688
BRUSHY CREEK	5.86	4,129	1,367	12,469
BUCK CREEK	1.00	1,566	519	4,729
BUCK CREEK	1.55	2,025	671	6,115
BUCK CREEK	2.24	2,622	868	7,918
BULL CREEK	0.56	806	267	2,435
BULL CREEK	1.07	1,389	460	4,194
BULL CREEK	1.96	2,027	671	6,121
BULL CREEK	2.52	2,484	822	7,501
BULL CREEK	3.60	3,317	1,098	10,018
BULL CREEK	4.80	4,013	1,329	12,119
BULL CREEK	5.11	4,028	1,334	12,164
BULL CREEK	5.84	4,473	1,481	13,507
BULL CREEK	6.21	4,569	1,513	13,799
BULL CREEK	6.68	4,748	1,572	14,339
BULL CREEK	7.10	4,855	1,608	14,663
BULL CREEK	7.83	5,253	1,740	15,865
BULL CREEK	10.06	6,179	2,046	18,661
CAMP CREEK	0.49	590	195	1,781



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
CAMP CREEK	1.63	1,329	440	4,014
CAMP CREEK	2.23	1,790	593	5,406
CAMP CREEK	3.22	2,359	781	7,125
CEDAR CREEK	1.11	1,497	496	4,521
CEDAR CREEK	2.10	2,399	794	7,244
CEDAR CREEK	2.52	2,611	865	7,886
CEDAR CREEK	2.72	2,742	908	8,281
CEDAR CREEK	3.65	3,497	1,158	10,562
CEDAR CREEK	4.30	3,618	1,198	10,927
CEDAR CREEK	5.51	4,274	1,415	12,906
CEDAR CREEK	6.24	4,759	1,576	14,371
CEDAR CREEK	6.55	4,942	1,637	14,926
CEDAR CREEK	8.86	6,304	2,087	19,037
CEDAR CREEK	9.43	6,479	2,145	19,565
CEDAR CREEK	9.88	6,573	2,176	19,849
CEDAR CREEK	12.17	7,659	2,536	23,129
CEDAR CREEK	12.50	7,842	2,597	23,683
CEDAR CREEK	13.40	8,256	2,734	24,931
CEDAR CREEK	13.82	8,303	2,749	25,076
CEDAR CREEK	14.07	8,406	2,784	25,386
CEDAR CREEK	14.32	8,506	2,817	25,687
CLEAR 001	0.72	888	294	2,682
CLEAR 002	0.21	344	114	1,038
CLEAR 003	0.41	616	204	1,860
CLEAR 003	0.41	616	204	1,860
CLEAR 003	0.41	639	212	1,929
CLEAR 005	0.33	549	182	1,659
CLEAR 005	0.33	549	182	1,659
CLEAR 006	0.21	407	135	1,229
CLEAR 007	0.73	1,029	341	3,108
CLEAR 007	1.01	1,366	452	4,126
CLEAR 007	1.22	1,506	499	4,547
CLEAR 007	1.62	1,877	621	5,667
CLEAR 009	0.20	323	107	975
CLEAR 010	0.43	499	165	1,507
CLEAR 010	0.43	499	165	1,507
CLEAR 011	0.21	348	115	1,050
CLEAR 012	0.25	341	113	1,030
CLEAR 012	0.25	341	113	1,030



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
CLEAR 013	0.53	950	315	2,869
CLEAR 014	0.41	576	191	1,739
CLEAR 014	0.41	576	191	1,739
CLEAR 015	0.18	310	103	935
CLEAR 016	0.13	275	91	829
CLEAR 017	1.24	1,836	608	5,543
CLEAR 017	2.02	2,348	777	7,090
CLEAR 018	1.00	1,311	434	3,959
CLEAR 018	1.21	1,442	477	4,355
CLEAR 019	0.46	718	238	2,167
CLEAR 020	0.94	1,110	368	3,352
CLEAR 021	0.19	368	122	1,112
CLEAR 024	1.00	1,322	438	3,992
CLEAR 024	1.34	1,618	536	4,886
CLEAR 024	2.30	2,584	856	7,803
CLEAR 024	2.74	2,863	948	8,645
CLEAR 025	0.46	809	268	2,444
CLEAR 025	1.26	1,904	630	5,749
CLEAR 025	1.39	2,044	677	6,173
CLEAR 026	0.30	577	191	1,742
CLEAR 026	0.30	577	191	1,742
CLEAR 027	0.49	791	262	2,388
CLEAR 028	0.88	1,161	384	3,505
CLEAR 029	0.88	1,306	432	3,943
CLEAR 030	0.31	537	178	1,620
CLEAR 030	0.31	537	178	1,620
CLEAR 031	0.24	438	145	1,322
CLEAR 031	0.24	438	145	1,322
CLEAR 032	0.20	349	115	1,053
CLEAR 032	0.37	645	214	1,948
CLEAR 032	0.37	645	214	1,948
CLEAR 033	0.15	288	95	870
CLEAR 034	0.98	1,163	385	3,513
CLEAR 034	1.52	1,794	594	5,419
CLEAR 035	0.53	724	240	2,187
CLEAR 036	1.13	1,667	552	5,035
CLEAR 036	1.26	1,739	576	5,252
CLEAR 036	1.88	2,396	794	7,237
CLEAR 037	0.39	707	234	2,135



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
CLEAR 037	0.39	707	234	2,135
CLEAR 039	0.42	649	215	1,960
CLEAR 039	0.42	649	215	1,960
CLEAR 040	1.00	1,278	423	3,860
CLEAR 040	1.17	1,491	494	4,503
CLEAR 040	2.00	2,377	787	7,178
CLEAR 040	2.62	2,908	963	8,781
CLEAR 041	0.77	1,123	372	3,390
CLEAR 042	0.17	277	92	837
CLEAR 043	0.16	323	107	977
CLEAR 045	0.54	752	249	2,270
CLEAR 048	0.17	312	103	942
CLEAR 049	0.34	556	184	1,680
CLEAR 049	0.34	556	184	1,680
CLEAR 050	0.85	1,204	399	3,637
CLEAR 051	0.18	352	116	1,062
CLEAR 052	0.32	502	166	1,515
CLEAR 052	0.32	502	166	1,515
CLEAR 053	0.22	429	142	1,295
CLEAR 054	0.19	361	119	1,089
CLEAR 055	0.41	577	191	1,743
CLEAR 055	0.41	577	191	1,743
CLEAR 056	0.28	560	186	1,692
CLEAR 056	0.28	560	186	1,692
CLEAR 057	0.27	472	156	1,424
CLEAR 057	0.27	472	156	1,424
CLEAR 058	0.78	1,223	405	3,692
CLEAR 060	0.29	568	188	1,716
CLEAR 060	0.29	568	188	1,716
CLEAR 061	0.76	1,077	357	3,254
CLEAR 062	0.19	411	136	1,242
CLEAR 063	1.03	1,457	483	4,401
CLEAR 063	1.06	1,458	483	4,403
CLEAR 064	0.18	350	116	1,057
CLEAR 065	0.34	678	224	2,046
CLEAR 065	0.34	678	224	2,046
CLEAR 066	1.00	1,357	449	4,097
CLEAR 066	1.04	1,391	461	4,201
CLEAR 067	0.77	1,047	347	3,162



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
CLEAR 068	1.00	1,182	391	3,570
CLEAR 068	1.25	1,366	452	4,126
CLEAR 068	1.77	1,765	584	5,330
CLEAR 069	0.13	276	92	835
CLEAR 070	1.01	1,577	522	4,763
CLEAR 070	1.41	1,863	617	5,625
CLEAR 071	0.29	511	169	1,544
CLEAR 071	0.29	511	169	1,544
CLEAR 072	0.17	366	121	1,105
CLEAR 073	0.41	612	202	1,847
CLEAR 073	0.41	612	202	1,847
CLEAR 075	0.24	391	130	1,182
CLEAR 075	0.24	391	130	1,182
CLEAR 076	0.31	587	194	1,773
CLEAR 076	0.31	587	194	1,773
CLEAR 077	0.28	427	141	1,290
CLEAR 077	0.28	427	141	1,290
CLEAR 078	0.30	532	176	1,607
CLEAR 078	0.30	532	176	1,607
CLEAR 079	0.69	1,013	335	3,059
CLEAR 080	0.40	657	218	1,985
CLEAR 080	0.40	657	218	1,985
CLEAR 081	0.55	745	247	2,249
CLEAR 082	1.04	1,305	432	3,941
CLEAR 082	1.30	1,486	492	4,487
CLEAR 083	0.59	829	275	2,504
CLEAR 085	0.53	666	221	2,012
CLEAR 086	0.54	812	269	2,451
CLEAR 087	0.83	1,156	383	3,490
CLEAR 087	1.07	1,369	453	4,134
CLEAR 088	0.19	372	123	1,122
CLEAR 089	0.21	417	138	1,260
CLEAR 090	0.76	1,120	371	3,381
CLEAR 091	1.05	1,512	501	4,565
CLEAR 091	1.17	1,540	510	4,651
CLEAR 091	1.98	2,229	738	6,731
CLEAR 093	0.27	482	160	1,457
CLEAR 093	0.27	482	160	1,457
CLEAR 094	0.19	349	116	1,054



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
CLEAR 095	0.25	431	143	1,300
CLEAR 095	0.25	431	143	1,300
CLEAR 097	0.49	651	216	1,967
CLEAR 097	0.90	1,124	372	3,395
CLEAR 098	0.18	213	71	644
CLEAR 099	0.37	517	171	1,561
CLEAR 099	0.37	517	171	1,561
CLEAR 100	0.14	291	96	879
CLEAR 101	0.32	527	175	1,593
CLEAR 101	0.32	527	175	1,593
CLEAR 102	0.44	679	225	2,049
CLEAR 102	0.44	679	225	2,049
CLEAR 103	0.48	737	244	2,227
CLEAR 104	0.18	323	107	976
CLEAR 105	0.17	355	118	1,073
CLEAR 106	0.48	731	242	2,209
CLEAR 106	1.01	1,227	406	3,706
CLEAR 106	1.23	1,390	460	4,199
CLEAR 107	0.26	492	163	1,486
CLEAR 107	0.26	492	163	1,486
CLEAR 108	0.32	512	170	1,547
CLEAR 108	0.32	512	170	1,547
CLEAR 109	0.10	258	85	778
CLEAR 110	0.42	648	215	1,957
CLEAR 110	0.42	648	215	1,957
CLEAR 111	0.14	264	87	796
CLEAR 112	0.19	358	119	1,082
CLEAR 113	0.23	383	127	1,158
CLEAR 114	0.20	389	129	1,176
CLEAR 115	0.75	974	322	2,941
CLEAR 116	0.18	337	112	1,017
CLEAR 117	0.19	312	103	942
CLEAR 118	0.14	320	106	967
CLEAR 119	0.39	600	199	1,812
CLEAR 119	0.39	600	199	1,812
CLEAR 121	0.77	844	280	2,550
CLEAR 122	1.07	1,426	472	4,307
CLEAR 122	1.19	1,484	491	4,482
CLEAR 122	1.56	1,773	587	5,355



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
CLEAR 122	1.79	1,950	646	5,888
CLEAR 123	0.85	1,216	403	3,674
CLEAR 124	0.32	378	125	1,141
CLEAR 124	0.32	378	125	1,141
CLEAR 125	0.41	678	225	2,048
CLEAR 125	0.41	678	225	2,048
CLEAR 126	0.69	811	268	2,448
CLEAR 126	1.05	1,107	367	3,343
CLEAR 126	2.25	2,096	694	6,329
CLEAR 127	0.16	352	117	1,064
CLEAR 129	0.48	671	222	2,027
CLEAR 132	0.73	657	218	1,985
CLEAR 133	0.10	185	61	558
CLEAR 134	0.25	421	139	1,271
CLEAR 138	0.40	589	195	1,778
CLEAR 138	0.40	589	195	1,778
CLEAR 139	0.17	333	110	1,007
CLEAR 142	0.41	761	252	2,297
CLEAR 142	0.41	761	252	2,297
CLEAR 143	0.14	287	95	865
CLEAR 144	0.31	552	183	1,666
CLEAR 144	0.31	552	183	1,666
CLEAR 145	0.37	580	192	1,752
CLEAR 145	0.37	580	192	1,752
CLEAR 146	0.20	387	128	1,168
CLEAR 148	1.10	1,432	474	4,325
CLEAR 148	1.86	1,331	441	4,019
CLEAR 148	2.84	2,021	669	6,103
CLEAR 148	3.64	2,361	782	7,130
CLEAR 150	0.17	305	101	921
CLEAR 151	0.06	137	45	413
CLEAR 153	0.18	331	109	999
CLEAR 156	0.46	769	255	2,323
CLEAR 157	1.05	1,447	479	4,371
CLEAR 157	1.17	1,562	517	4,719
CLEAR 158	0.19	279	93	844
CLEAR 159	0.15	206	68	621
CLEAR 160	0.16	233	77	703
CLEAR 161	0.23	339	112	1,025



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
CLEAR 161	0.23	339	112	1,025
CLEAR 162	0.71	809	268	2,442
CLEAR 162	1.64	1,665	551	5,027
CLEAR 162	1.95	2,015	667	6,085
CLEAR 163	0.19	316	105	956
CLEAR 164	0.58	821	272	2,479
CLEAR 165	0.26	407	135	1,228
CLEAR 165	0.26	407	135	1,228
CLEAR 167	0.76	1,055	349	3,186
CLEAR 169	0.24	523	173	1,579
CLEAR 169	0.24	523	173	1,579
CLEAR 171	0.33	487	161	1,469
CLEAR 171	0.33	487	161	1,469
CLEAR 172	1.00	1,216	403	3,671
CLEAR 172	1.05	1,274	422	3,847
CLEAR 173	0.14	294	97	887
CLEAR 174	0.33	454	150	1,371
CLEAR 174	0.33	454	150	1,371
CLEAR 174	0.72	874	289	2,639
CLEAR 175	0.14	246	81	742
CLEAR 176	0.14	232	77	701
CLEAR 177	0.31	468	155	1,413
CLEAR 177	0.31	468	155	1,413
CLEAR 178	0.23	450	149	1,360
CLEAR 178	0.23	450	149	1,360
CLEAR 179	0.19	439	145	1,326
CLEAR 180	0.31	460	152	1,388
CLEAR 180	0.31	460	152	1,388
CLEAR 181	0.46	660	219	1,993
CLEAR 182	0.55	662	219	1,998
CLEAR 183	0.01	8	3	23
CLEAR 184	0.30	540	179	1,631
CLEAR 184	0.30	540	179	1,631
CLEAR 185	0.51	698	231	2,107
CLEAR 186	0.33	530	175	1,600
CLEAR 186	0.33	530	175	1,600
CLEAR 187	0.13	277	92	835
CLEAR 188	0.38	498	165	1,505
CLEAR 188	0.38	498	165	1,505



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
CLEAR 189	0.25	390	129	1,177
CLEAR 189	0.25	390	129	1,177
CLEAR 191	0.22	397	131	1,198
CLEAR 192	0.22	350	116	1,057
CLEAR 193	0.20	353	117	1,067
CLEAR 193	0.90	1,184	392	3,574
CLEAR 194	0.46	700	232	2,115
CLEAR 194	1.16	1,611	533	4,865
CLEAR 194	1.20	1,630	540	4,923
CLEAR 195	0.41	552	183	1,666
CLEAR 195	0.41	552	183	1,666
CLEAR 196	0.34	682	226	2,060
CLEAR 196	0.34	682	226	2,060
CLEAR 196	0.67	1,004	332	3,031
CLEAR 196	1.03	1,352	448	4,082
CLEAR 197	0.93	1,193	395	3,602
CLEAR 198	0.44	531	176	1,603
CLEAR 199	0.33	481	159	1,453
CLEAR 199	0.33	481	159	1,453
CLEAR 200	0.24	353	117	1,065
CLEAR 200	0.24	353	117	1,065
CLEAR 201	0.60	848	281	2,562
CLEAR 202	1.00	1,548	513	4,675
CLEAR 202	1.43	1,985	657	5,993
CLEAR 203	0.24	469	155	1,417
CLEAR 203	0.24	469	155	1,417
CLEAR 204	0.30	633	210	1,912
CLEAR 204	0.30	633	210	1,912
CLEAR 205	0.29	489	162	1,477
CLEAR 205	0.29	489	162	1,477
CLEAR 205	0.69	1,271	421	3,837
CLEAR 207	0.34	585	194	1,766
CLEAR 207	0.34	585	194	1,766
CLEAR 208	0.64	790	262	2,386
CLEAR 209	0.18	393	130	1,186
CLEAR 210	0.36	697	231	2,106
CLEAR 210	0.36	697	231	2,106
CLEAR 211	0.25	510	169	1,540
CLEAR 211	0.25	510	169	1,540



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
CLEAR 212	0.32	581	192	1,753
CLEAR 212	0.32	581	192	1,753
CLEAR 213	0.18	398	132	1,202
CLEAR 214	0.29	532	176	1,606
CLEAR 215	1.00	1,497	496	4,521
CLEAR 215	1.91	2,301	762	6,948
CLEAR 216	0.13	265	88	799
CLEAR 218	1.00	1,927	638	5,821
CLEAR 218	1.09	1,972	653	5,954
CLEAR 220	0.19	402	133	1,214
CLEAR 221	0.28	714	237	2,157
CLEAR 221	0.28	714	237	2,157
CLEAR 222	0.24	590	195	1,781
CLEAR 222	0.24	590	195	1,781
CLEAR 226	0.47	849	281	2,564
CLEAR 228	0.28	567	188	1,712
CLEAR 228	0.28	567	188	1,712
CLEAR 229	0.30	650	215	1,964
CLEAR 229	0.30	650	215	1,964
CLEAR 231	0.62	1,214	402	3,667
CLEAR 232	0.24	589	195	1,779
CLEAR 232	0.24	589	195	1,779
CLEAR 232	1.00	1,746	578	5,273
CLEAR 232	1.53	2,351	778	7,099
CLEAR 233	0.61	1,076	356	3,250
CLEAR 234	0.44	800	265	2,415
CLEAR 234	0.44	800	265	2,415
CLEAR 236	0.40	862	285	2,603
CLEAR 236	0.40	862	285	2,603
CLEAR 236	0.96	1,462	484	4,414
CLEAR 237	0.89	1,460	483	4,409
CLEAR 238	0.24	598	198	1,805
CLEAR 238	0.24	598	198	1,805
CLEAR 239	0.26	569	188	1,717
CLEAR 239	0.26	569	188	1,717
CLEAR 241	0.50	986	326	2,977
CLEAR 242	0.41	855	283	2,581
CLEAR 242	0.41	855	283	2,581
CLEAR 243	0.55	1,074	356	3,244



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
CLEAR 244	0.20	476	158	1,439
CLEAR 245	0.33	723	239	2,183
CLEAR 245	0.33	723	239	2,183
CLEAR 245	0.59	992	328	2,995
CLEAR 248	0.30	644	213	1,946
CLEAR 248	0.30	644	213	1,946
CLEAR 249	0.33	696	230	2,102
CLEAR 249	0.33	696	230	2,102
CLEAR 250	0.17	409	135	1,235
CLEAR 252	0.13	363	120	1,096
CLEAR 252	1.74	2,581	855	7,794
CLEAR 254	0.53	1,131	374	3,414
CLEAR 256	1.00	1,610	533	4,862
CLEAR 256	2.03	2,633	872	7,950
CLEAR 256	2.19	2,757	913	8,327
CLEAR 257	0.54	1,140	377	3,442
CLEAR 258	0.14	361	119	1,089
CLEAR 260	0.13	329	109	993
CLEAR 263	0.31	647	214	1,954
CLEAR 263	0.31	647	214	1,954
CLEAR 264	0.18	437	145	1,320
CLEAR 265	0.18	352	117	1,063
CLEAR 266	0.48	906	300	2,736
CLEAR 267	0.07	191	63	577
CLEAR 268	0.21	566	187	1,708
CLEAR 269	0.27	681	226	2,058
CLEAR 269	0.27	681	226	2,058
CLEAR 272	1.11	1,295	429	3,910
CLEAR 272	1.15	1,287	426	3,886
CLEAR 273	0.13	368	122	1,111
CLEAR 276	0.18	384	127	1,161
CLEAR 277	0.18	402	133	1,215
CLEAR 280	0.20	551	183	1,665
CLEAR 281	0.13	383	127	1,157
CLEAR 284	0.16	450	149	1,360
CLEAR 287	0.16	297	98	896
CLEAR 288	0.16	438	145	1,324
CLEAR 289	0.22	334	110	1,007
CLEAR 291	0.47	714	236	2,157



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
CLEAR 292	1.08	2,086	691	6,299
CLEAR 293	0.19	377	125	1,138
CLEAR 294	1.00	1,485	492	4,484
CLEAR 294	1.15	1,610	533	4,863
CLEAR 296	0.84	1,149	381	3,471
CLEAR 296	1.80	2,230	738	6,734
CLEAR 297	0.22	394	130	1,188
CLEAR 299	0.25	491	162	1,482
CLEAR 299	0.25	491	162	1,482
CLEAR 301	0.20	347	115	1,048
CLEAR 302	0.14	309	102	932
CLEAR 304	0.58	786	260	2,373
CLEAR 304	0.98	1,188	393	3,587
CLEAR 304	1.27	1,466	485	4,426
CLEAR 304	1.75	1,886	625	5,697
CLEAR 304	2.36	2,299	761	6,944
CLEAR 305	0.39	568	188	1,716
CLEAR 305	0.39	568	188	1,716
CLEAR 306	0.53	693	230	2,093
CLEAR 307	0.58	949	314	2,865
CLEAR 308	0.39	584	193	1,764
CLEAR 308	0.39	584	193	1,764
CLEAR 309	0.25	468	155	1,412
CLEAR 309	0.25	468	155	1,412
CLEAR 311	0.81	1,009	334	3,047
CLEAR 312	0.17	322	107	971
CLEAR 313	0.94	1,252	415	3,781
CLEAR 315	0.31	396	131	1,195
CLEAR 315	0.31	396	131	1,195
CLEAR 316	0.22	514	170	1,551
CLEAR 317	0.31	604	200	1,825
CLEAR 317	0.31	604	200	1,825
CLEAR 318	0.84	1,425	472	4,303
CLEAR 319	0.25	504	167	1,522
CLEAR 319	0.25	504	167	1,522
CLEAR 320	0.49	925	306	2,794
CLEAR 321	0.16	357	118	1,079
CLEAR 322	0.25	371	123	1,121
CLEAR 322	0.25	371	123	1,121



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
CLEAR 323	0.24	381	126	1,150
CLEAR 323	0.24	381	126	1,150
CLEAR 324	0.40	687	227	2,074
CLEAR 324	0.40	687	227	2,074
CLEAR 328	0.87	1,374	455	4,148
CLEAR 329	1.00	1,268	420	3,828
CLEAR 329	1.06	1,297	429	3,916
CLEAR 329	1.20	1,463	485	4,419
CLEAR 330	0.34	487	161	1,472
CLEAR 330	0.34	487	161	1,472
CLEAR 332	0.11	235	78	708
CLEAR 334	0.28	636	211	1,922
CLEAR 334	0.28	636	211	1,922
CLEAR 335	0.34	546	181	1,648
CLEAR 335	0.34	546	181	1,648
CLEAR 336	0.14	252	84	762
CLEAR 339	0.53	943	312	2,848
CLEAR 339	0.94	1,449	480	4,374
CLEAR 339	1.35	1,974	654	5,960
CLEAR 339	2.22	2,649	877	8,001
CLEAR 340	1.00	1,096	363	3,311
CLEAR 340	1.35	1,298	430	3,920
CLEAR 340	2.28	2,035	674	6,147
CLEAR 340	2.80	2,368	784	7,152
CLEAR 340	3.19	2,521	835	7,614
CLEAR 340	3.96	2,783	922	8,405
CLEAR 340	6.22	3,923	1,299	11,846
CLEAR 341	0.70	769	255	2,324
CLEAR 343	0.44	768	254	2,320
CLEAR 345	0.16	391	130	1,181
CLEAR 346	0.31	668	221	2,018
CLEAR 346	0.31	668	221	2,018
CLEAR 347	0.39	559	185	1,690
CLEAR 347	0.39	559	185	1,690
CLEAR 349	0.37	604	200	1,823
CLEAR 349	0.37	604	200	1,823
CLEAR 350	0.28	350	116	1,056
CLEAR 350	0.28	350	116	1,056
CLEAR 352	0.39	691	229	2,087



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
CLEAR 352	0.39	691	229	2,087
CLEAR 353	1.03	1,482	491	4,477
CLEAR 353	1.48	1,932	640	5,834
CLEAR 354	0.42	716	237	2,161
CLEAR 354	0.42	716	237	2,161
CLEAR 355	0.50	992	328	2,996
CLEAR 357	0.18	317	105	959
CLEAR 358	0.58	1,016	336	3,069
CLEAR 360	0.20	363	120	1,097
CLEAR 361	0.35	681	226	2,058
CLEAR 361	0.35	681	226	2,058
CLEAR 366	0.42	563	186	1,699
CLEAR 366	0.42	563	186	1,699
CLEAR 369	0.78	785	260	2,369
CLEAR 372	0.28	389	129	1,176
CLEAR 372	0.28	389	129	1,176
CLEAR 373	0.69	642	213	1,938
CLEAR 376	0.56	795	263	2,401
CLEAR 378	0.18	324	107	977
CLEAR 379	1.10	799	265	2,414
CLEAR 379	1.42	1,093	362	3,300
CLEAR 380	0.15	318	105	959
CLEAR 381	0.18	254	84	767
CLEAR 382	0.63	656	217	1,982
CLEAR 384	0.90	897	297	2,708
CLEAR 385	0.45	679	225	2,052
CLEAR 385	1.15	1,390	460	4,198
CLEAR 385	1.90	1,875	621	5,661
CLEAR 385	3.13	2,646	876	7,991
CLEAR 385	3.93	3,186	1,055	9,621
CLEAR 387	0.96	931	308	2,812
CLEAR 388	0.54	571	189	1,725
CLEAR 389	0.65	751	249	2,268
CLEAR 389	2.11	1,976	654	5,966
CLEAR 389	2.70	2,341	775	7,068
CLEAR 390	0.16	211	70	636
CLEAR 390	0.89	802	265	2,421
CLEAR 391	0.86	915	303	2,763
CLEAR 393	0.30	334	110	1,008



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
CLEAR 393	0.30	334	110	1,008
CLEAR 394	0.68	781	259	2,359
CLEAR 395	0.07	116	39	352
CLEAR 395	1.12	1,463	485	4,420
CLEAR 396	0.54	532	176	1,606
CLEAR 398	1.05	1,219	404	3,682
CLEAR 398	1.82	1,867	618	5,639
CLEAR 398	2.79	2,627	870	7,933
CLEAR 398	3.18	2,867	949	8,657
CLEAR 398	3.36	2,851	944	8,611
CLEAR CREEK	0.45	676	224	2,040
CLEAR CREEK	0.92	1,252	415	3,781
CLEAR CREEK	1.22	1,556	515	4,700
CLEAR CREEK	1.93	2,311	765	6,981
CLEAR CREEK	2.81	3,098	1,026	9,355
CLEAR CREEK	3.84	3,611	1,196	10,905
CLEAR CREEK	4.39	3,812	1,262	11,511
CLEAR CREEK	4.80	4,160	1,377	12,562
CLEAR CREEK	6.28	4,908	1,625	14,821
CLEAR CREEK	8.19	6,180	2,046	18,663
CLEAR CREEK	8.67	6,374	2,111	19,250
CLEAR CREEK	9.92	7,007	2,320	21,160
CLEAR CREEK	10.19	7,109	2,354	21,468
CLEAR CREEK	10.52	7,191	2,381	21,717
CLEAR CREEK	10.71	7,271	2,408	21,958
CLEAR CREEK	11.61	7,591	2,514	22,925
CLEAR CREEK	12.20	7,653	2,534	23,111
CLEAR CREEK	12.82	7,851	2,600	23,710
CLEAR CREEK	13.02	7,877	2,608	23,788
CLEAR CREEK	13.40	7,919	2,622	23,915
CLEAR CREEK	13.93	8,052	2,666	24,318
CLEAR CREEK	14.12	8,135	2,694	24,566
CLEAR CREEK	14.49	8,132	2,693	24,559
CLEAR CREEK	14.85	8,176	2,707	24,692
CLEAR CREEK	22.59	11,583	3,835	34,980
CLEAR CREEK	23.06	11,578	3,834	34,964
CLEAR CREEK	23.58	11,552	3,825	34,886
CLEAR CREEK	23.95	11,446	3,790	34,567
CLEAR CREEK	26.41	12,321	4,080	37,208



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
CLEAR CREEK	26.61	12,349	4,089	37,294
CLEAR CREEK	30.28	13,257	4,390	40,035
CLEAR CREEK	30.69	13,280	4,398	40,106
CLIFF CREEK	1.00	1,441	477	4,351
CLIFF CREEK	1.44	1,775	588	5,361
COON CREEK	0.44	843	279	2,546
COON CREEK	1.07	1,782	590	5,382
COON CREEK	1.25	1,966	651	5,937
COON CREEK	2.00	2,706	896	8,173
COON CREEK	2.71	3,362	1,113	10,154
COON CREEK	3.68	3,954	1,309	11,940
COON CREEK	4.24	4,259	1,410	12,862
CUMMINS CREEK	5.82	3,982	1,318	12,024
CUMMINS CREEK	6.70	4,248	1,407	12,830
CUMMINS CREEK	7.70	4,639	1,536	14,008
CUMMINS CREEK	8.46	4,915	1,627	14,842
CUMMINS CREEK	11.30	6,162	2,040	18,609
CUMMINS CREEK	12.01	6,430	2,129	19,420
CUMMINS CREEK	12.51	6,484	2,147	19,582
CUMMINS CREEK	13.40	6,670	2,209	20,143
CUMMINS CREEK	13.86	6,813	2,256	20,576
CUMMINS CREEK	16.92	7,864	2,604	23,750
CUMMINS CREEK	19.32	8,582	2,842	25,917
CUMMINS CREEK	20.21	8,854	2,932	26,738
CUMMINS CREEK	20.39	8,806	2,916	26,594
CUMMINS CREEK	27.54	10,917	3,615	32,970
CUMMINS CREEK	31.32	11,885	3,935	35,891
CUMMINS CREEK	36.90	13,489	4,467	40,735
CUMMINS CREEK	37.30	13,469	4,460	40,674
CUMMINS CREEK	38.72	13,739	4,549	41,492
CUMMINS CREEK	38.97	14,134	4,680	42,684
CUMMINS CREEK	53.47	17,861	5,914	53,939
CUMMINS CREEK	54.64	18,071	5,984	54,574
CUMMINS CREEK	54.90	18,033	5,971	54,458
CUMMINS CREEK	55.80	18,005	5,962	54,374
CUMMINS CREEK	57.68	18,179	6,020	54,899
CUMMINS CREEK	59.55	18,488	6,122	55,834
CUMMINS CREEK	77.89	22,511	7,454	67,982
CUMMINS CREEK	79.80	22,766	7,539	68,753



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
CUMMINS CREEK	89.44	24,807	8,214	74,916
CUMMINS CREEK	91.19	25,107	8,314	75,822
CUMMINS CREEK	91.78	24,962	8,266	75,383
CUMMINS CREEK	92.78	25,047	8,294	75,642
CUMMINS CREEK	92.91	24,999	8,278	75,496
CUMMINS CREEK	105.43	27,301	9,040	82,448
CUMMINS CREEK	107.05	27,597	9,138	83,343
CUMMINS CREEK	110.08	28,184	9,333	85,113
CUMMINS CREEK	110.67	28,106	9,307	84,878
CUMMINS CREEK	111.60	29,104	9,637	87,893
CUMMINS CREEK	116.82	29,566	9,790	89,287
CUMMINS CREEK	116.93	29,569	9,791	89,296
CUMMINS CREEK	118.46	29,549	9,785	89,237
CUMMINS CREEK	123.67	30,439	10,079	91,923
CUMMINS CREEK	154.37	34,282	11,352	103,529
CUMMINS CREEK	155.68	34,265	11,346	103,479
CUMMINS CREEK	155.93	34,232	11,335	103,378
CUMMINS CREEK	158.83	33,986	11,254	102,635
CUMMINS CREEK	161.17	34,005	11,260	102,692
CUMMINS CREEK	172.02	35,241	11,669	106,425
CUMMINS CREEK	172.44	35,113	11,627	106,039
CUMMINS CREEK	173.93	35,303	11,690	106,615
CUMMINS CREEK	174.68	34,831	11,534	105,188
CUMMINS CREEK	174.69	34,806	11,525	105,111
CUMMINS CREEK	174.70	34,685	11,485	104,748
CUMMINS CREEK	186.31	35,860	11,874	108,295
CUMMINS CREEK	186.99	35,759	11,841	107,989
CUMMINS CREEK	187.53	35,656	11,807	107,680
CUMMINS CREEK	188.47	36,502	12,087	110,234
CUMMINS CREEK	207.53	38,180	12,642	115,301
CUMMINS CREEK	209.96	38,415	12,720	116,012
CUMMINS CREEK	210.59	38,382	12,710	115,913
CUMMINS CREEK	211.17	38,392	12,713	115,943
CUMMINS CREEK	212.82	38,284	12,677	115,615
CUMMINS CREEK	222.90	39,194	12,978	118,365
CUMMINS CREEK	223.14	39,054	12,932	117,942
CUMMINS CREEK	225.36	39,181	12,974	118,324
CUMMINS CREEK	226.57	39,146	12,962	118,219
CUMMINS CREEK	227.01	39,154	12,965	118,244



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
CUMMINS CREEK	227.96	39,193	12,978	118,360
CUMMINS CREEK	228.20	39,198	12,980	118,377
CUMMINS CREEK	230.25	39,339	13,026	118,801
CUMMINS CREEK	232.32	39,631	13,123	119,682
CUMMINS CREEK	232.58	39,571	13,103	119,503
CUMMINS CREEK	242.07	40,376	13,370	121,933
CUMMINS CREEK	243.69	40,438	13,390	122,120
CUMMINS CREEK	243.99	41,488	13,738	125,290
CUMMINS CREEK	247.93	41,675	13,800	125,857
CUMMINS CREEK	248.88	41,582	13,769	125,574
CUMMINS CREEK	250.21	41,704	13,810	125,945
CUMMINS CREEK	251.17	41,664	13,796	125,824
CUMMINS CREEK	253.38	41,757	13,827	126,104
CUMMINS CREEK	254.36	41,772	13,832	126,151
CUMMINS CREEK	255.34	41,769	13,831	126,139
CUMMINS CREEK	255.68	41,725	13,816	126,006
CUMMINS CREEK	256.24	41,645	13,790	125,765
CUMMINS CREEK	275.23	43,305	14,340	130,779
CUMMINS CREEK	276.91	44,482	14,729	134,334
CUMMINS CREEK	282.96	44,865	14,856	135,491
CUMMINS CREEK	283.28	44,833	14,845	135,392
CUMMINS CREEK	284.23	44,754	14,819	135,154
CUMMINS CREEK	284.32	44,618	14,774	134,744
CUMMINS CREEK	284.44	44,463	14,723	134,276
CUMMINS CREEK	284.91	44,004	14,571	132,889
CUMMINS CREEK	284.99	43,821	14,511	132,338
CUMMINS CREEK	285.26	43,677	14,463	131,901
FLAT CREEK	0.47	584	194	1,765
FLAT CREEK	1.18	1,254	415	3,786
FLAT CREEK	1.40	1,400	464	4,228
FLAT CREEK	1.76	1,742	577	5,261
FLAT CREEK	2.18	1,893	627	5,718
FLAT CREEK	2.89	2,475	819	7,473
HAW CREEK	0.34	721	239	2,178
HAW CREEK	0.34	721	239	2,178
HAW CREEK	0.58	1,108	367	3,345
HAW CREEK	0.78	1,414	468	4,272
HAW CREEK	1.26	1,952	646	5,895
HAW CREEK	1.56	2,338	774	7,060



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
HAW CREEK	1.99	2,780	921	8,395
HAW CREEK	2.46	3,269	1,083	9,874
HAW CREEK	3.27	4,028	1,334	12,163
HAW CREEK	3.80	4,349	1,440	13,135
HAW CREEK	4.80	4,825	1,598	14,571
HAW CREEK	5.04	4,595	1,521	13,876
HELLERS BRANCH	0.33	806	267	2,435
HELLERS BRANCH	0.33	806	267	2,435
HELLERS BRANCH	1.65	2,386	790	7,204
HELLERS BRANCH	2.37	3,091	1,023	9,334
JACKS CREEK	0.75	1,054	349	3,184
JACKS CREEK	1.75	2,107	698	6,364
JACKS CREEK	2.35	2,785	922	8,410
JACKS CREEK	2.91	3,114	1,031	9,405
JACKS CREEK	3.68	3,787	1,254	11,437
JACKS CREEK	3.89	3,916	1,297	11,827
JACKS CREEK	4.07	4,052	1,342	12,238
JACKS CREEK	5.99	5,600	1,854	16,912
JACKS CREEK	6.49	5,711	1,891	17,246
JACKS CREEK	7.77	6,555	2,171	19,797
JACKS CREEK	8.59	6,921	2,292	20,902
JACKS CREEK	11.16	8,449	2,798	25,515
JACKS CREEK	12.05	8,490	2,811	25,639
JACKS CREEK	12.37	8,637	2,860	26,084
JENNY CREEK	0.54	808	268	2,441
JENNY CREEK	0.90	1,159	384	3,501
JENNY CREEK	1.36	1,721	570	5,197
JENNY CREEK	1.64	2,050	679	6,192
JONES CREEK	1.74	2,332	772	7,044
JONES CREEK	2.97	3,434	1,137	10,371
JONES CREEK	3.35	3,567	1,181	10,773
JONES CREEK	3.82	3,816	1,264	11,524
JONES CREEK	4.47	3,959	1,311	11,956
JONES CREEK	6.18	4,861	1,610	14,680
JONES CREEK	7.35	5,423	1,796	16,378
JONES CREEK	7.60	5,545	1,836	16,745
JONES CREEK	8.18	5,586	1,850	16,869
JONES CREEK	8.64	5,627	1,863	16,994
JONES CREEK	9.59	5,790	1,917	17,485



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
JONES CREEK	9.76	5,716	1,893	17,262
JONES CREEK	10.48	5,969	1,976	18,025
KREB BRANCH	0.89	1,127	373	3,404
KREB BRANCH	1.37	1,542	510	4,656
KREB BRANCH	1.71	1,760	583	5,316
KUHN BRANCH	1.03	1,798	595	5,430
KUHN BRANCH	1.50	2,222	736	6,711
LITTLE JACKS CREEK	0.48	929	308	2,806
LITTLE JACKS CREEK	1.27	2,021	669	6,104
LITTLE JACKS CREEK	1.81	2,376	787	7,176
LITTLE JACKS CREEK	2.25	2,686	889	8,111
LITTLE JACKS CREEK	2.48	2,792	925	8,433
MILE BRANCH	0.39	511	169	1,543
MILE BRANCH	0.39	511	169	1,543
MILE BRANCH	1.21	1,120	371	3,382
MILE BRANCH	1.88	1,529	506	4,616
NOBSON BRANCH	1.09	1,410	467	4,259
NOBSON BRANCH	1.70	1,824	604	5,508
NOBSON BRANCH	2.18	2,134	707	6,444
PIPER CREEK	1.64	2,048	678	6,185
PIPER CREEK	2.63	2,707	896	8,176
PIPER CREEK	3.28	2,998	993	9,055
PIPER CREEK	4.27	3,550	1,175	10,720
PIPER CREEK	4.97	3,992	1,322	12,056
PIPER CREEK	5.21	4,102	1,358	12,388
PIPER CREEK	5.36	4,169	1,381	12,591
PIPER CREEK	5.76	4,346	1,439	13,126
PIPER CREEK	7.56	5,378	1,781	16,241
PIPER CREEK	8.10	5,503	1,822	16,619
PIPER CREEK	8.74	5,762	1,908	17,402
PIPER CREEK	9.31	5,898	1,953	17,811
PLUM CREEK	1.00	1,084	359	3,272
PLUM CREEK	1.27	1,406	466	4,246
POOL BRANCH	1.07	1,252	415	3,781
POOL BRANCH	1.10	1,242	411	3,752
POOL BRANCH	1.80	1,759	582	5,311
POOL BRANCH	3.27	2,609	864	7,879
POOL BRANCH	3.46	2,721	901	8,216
POOL BRANCH	5.29	3,581	1,186	10,813



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
POOL BRANCH	5.97	3,869	1,281	11,684
POOL BRANCH	6.25	3,932	1,302	11,874
POOL BRANCH	6.39	3,935	1,303	11,883
POOL BRANCH	7.09	4,289	1,420	12,952
POOL BRANCH	11.49	6,171	2,043	18,636
POPLAR CREEK	6.08	4,886	1,618	14,754
POPLAR CREEK	7.91	6,009	1,990	18,147
POPLAR CREEK	8.86	6,128	2,029	18,506
POPLAR CREEK	9.45	6,345	2,101	19,161
REDGATE CREEK	1.23	1,723	571	5,203
REDGATE CREEK	2.20	2,460	815	7,430
REDGATE CREEK	2.46	2,606	863	7,870
REDGATE CREEK	3.88	3,819	1,265	11,533
REDGATE CREEK	4.28	3,976	1,317	12,007
REDGATE CREEK	5.09	4,505	1,492	13,606
REDGATE CREEK	5.59	4,737	1,568	14,304
REDGATE CREEK	5.80	4,848	1,605	14,641
REDGATE CREEK	6.31	5,052	1,673	15,256
REDGATE CREEK	6.61	5,187	1,718	15,664
REDGATE CREEK	7.14	5,324	1,763	16,077
REDGATE CREEK	9.78	6,847	2,267	20,678
REDGATE CREEK	10.67	7,179	2,377	21,681
REDGATE CREEK	10.85	7,152	2,368	21,597
REDGATE CREEK	11.34	7,295	2,416	22,030
REDGATE CREEK	11.65	7,437	2,463	22,458
REDGATE CREEK	12.02	7,544	2,498	22,782
REDGATE CREEK	15.10	8,789	2,910	26,544
REDGATE CREEK	15.47	8,872	2,938	26,793
REDGATE CREEK	17.04	9,613	3,183	29,032
REDGATE CREEK	17.23	9,517	3,151	28,742
REDGATE CREEK	18.08	9,754	3,230	29,456
REDGATE CREEK	18.61	9,826	3,254	29,673
ROCKY CREEK	0.53	988	327	2,984
ROCKY CREEK	1.01	1,710	566	5,164
ROCKY CREEK	1.28	1,945	644	5,872
ROCKY CREEK	1.98	2,681	888	8,095
ROCKY CREEK	2.95	3,477	1,151	10,501
ROCKY CREEK	3.08	3,513	1,163	10,608
ROCKY CREEK	4.81	5,024	1,663	15,171



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
ROCKY CREEK	5.03	5,195	1,720	15,688
ROCKY CREEK	6.56	6,093	2,018	18,401
ROCKY CREEK	6.72	6,112	2,024	18,458
ROCKY CREEK	6.94	6,204	2,054	18,735
ROCKY CREEK	7.14	6,303	2,087	19,036
ROCKY CREEK	8.51	7,223	2,392	21,812
ROCKY CREEK	8.81	7,341	2,431	22,171
ROCKY CREEK	9.30	7,476	2,475	22,576
ROCKY CREEK	9.57	7,601	2,517	22,954
SHAW CREEK	0.84	1,078	357	3,257
SHAW CREEK	2.11	2,143	710	6,472
SHAW CREEK	2.99	2,535	839	7,654
SHAW CREEK	3.16	2,720	901	8,214
SHAW CREEK	3.43	2,874	952	8,680
SHAW CREEK	3.80	2,971	984	8,971
SHAW CREEK	8.27	5,746	1,903	17,352
SHAW CREEK	8.98	6,327	2,095	19,106
SHAW CREEK	9.61	6,286	2,082	18,984
SHAW CREEK	10.17	6,419	2,126	19,386
SHAW CREEK	12.91	7,355	2,435	22,211
SHAW CREEK	16.54	8,835	2,926	26,681
SHAW CREEK	17.18	8,958	2,966	27,053
SHAW CREEK	17.57	8,990	2,977	27,150
SPENCER POOL CREEK	0.93	1,454	481	4,390
SPENCER POOL CREEK	1.37	1,989	659	6,008
SPENCER POOL CREEK	2.07	2,620	867	7,911
SPENCER POOL CREEK	2.55	2,984	988	9,011
SPENCER POOL CREEK	3.99	4,489	1,486	13,556
SPENCER POOL CREEK	4.42	4,838	1,602	14,609
SPENCER POOL CREEK	4.89	4,875	1,614	14,721
SPENCER POOL CREEK	5.70	5,244	1,736	15,836
SPENCER POOL CREEK	6.17	5,654	1,872	17,076
SPENCER POOL CREEK	6.96	5,497	1,820	16,599
SPENCER POOL CREEK	7.73	5,771	1,911	17,429
STEIN BRANCH	0.71	1,243	412	3,754
STEIN BRANCH	1.70	2,364	783	7,139
STEIN BRANCH 02	1.05	1,256	416	3,792
STEIN BRANCH 02	1.71	1,863	617	5,626
STEIN BRANCH 02	1.92	2,047	678	6,180



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
TURKEY CREEK	1.00	1,047	347	3,163
TURKEY CREEK	1.16	1,179	390	3,560
TURKEY CREEK	3.81	3,103	1,028	9,372
TURKEY CREEK	4.63	3,543	1,173	10,700
TURKEY CREEK	5.57	4,085	1,353	12,335
VIOLETS CREEK	0.97	1,129	374	3,409
VIOLETS CREEK	1.57	1,656	548	5,001
VIOLETS CREEK	3.48	2,882	954	8,705
WEST FORK CUMMINS CREEK	0.37	490	162	1,478
WEST FORK CUMMINS CREEK	0.37	490	162	1,478
WEST FORK CUMMINS CREEK	0.95	1,066	353	3,220
WEST FORK CUMMINS CREEK	2.15	1,831	606	5,529
WEST FORK CUMMINS CREEK	2.75	2,152	713	6,500
WILLIAMS BRANCH	0.47	976	323	2,949
WILLIAMS BRANCH	0.96	1,726	571	5,212
WILLIAMS BRANCH	1.26	2,101	696	6,346
WILLIAMS BRANCH	1.88	2,883	955	8,705
WILLIAMS BRANCH	2.87	3,692	1,223	11,151
WILLIAMS BRANCH	3.19	3,803	1,259	11,486
WILLIAMS BRANCH	3.32	3,914	1,296	11,820
WILLOW BRANCH	1.02	1,238	410	3,738
WILLOW BRANCH	1.98	2,025	671	6,117
WILLOW BRANCH	2.32	2,237	741	6,757
WOODS CREEK	1.09	1,695	561	5,118
WOODS CREEK	1.46	2,059	682	6,218
WOODS CREEK	1.92	2,457	814	7,421
WOODS CREEK	2.92	2,947	976	8,899
WOODS CREEK	3.01	3,060	1,013	9,241
ZIMMER CREEK	1.10	1,202	398	3,631
ZIMMER CREEK	1.61	1,616	535	4,881
ZIMMER CREEK	2.03	1,960	649	5,921
ZIMMER CREEK	2.24	2,122	702	6,407
ZIMMER CREEK	3.77	3,370	1,116	10,178
PINEY CREEK - COLORADO RIVER				
BIG SANDY CREEK	1.19	2,544	843	7,684
BIG SANDY CREEK	1.98	3,520	1,166	10,632
BIG SANDY CREEK	2.51	4,218	1,397	12,739
BIG SANDY CREEK	2.95	4,491	1,487	13,564
BIG SANDY CREEK	3.70	5,299	1,755	16,003



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
BIG SANDY CREEK	3.94	5,550	1,838	16,761
BIG SANDY CREEK	4.05	5,607	1,857	16,932
BIG SANDY CREEK	4.90	6,452	2,136	19,484
BIG SANDY CREEK	5.63	6,978	2,311	21,073
BIG SANDY CREEK	5.89	7,210	2,388	21,775
BIG SANDY CREEK	6.15	7,450	2,467	22,497
BIG SANDY CREEK	28.32	20,559	6,808	62,087
BIG SANDY CREEK	29.19	20,544	6,803	62,042
BIG SANDY CREEK	29.26	21,050	6,970	63,571
BIG SANDY CREEK	37.59	28,317	9,377	85,516
BIG SANDY CREEK	37.87	27,887	9,234	84,216
BIG SANDY CREEK	38.57	28,133	9,316	84,961
BIG SANDY CREEK	39.10	27,181	9,000	82,085
BIG SANDY CREEK	39.38	26,618	8,814	80,386
BIG SANDY CREEK	39.78	27,523	9,114	83,118
BIG SANDY CREEK	39.92	26,438	8,755	79,842
BIG SANDY CREEK	43.88	28,087	9,301	84,823
BIG SANDY CREEK	44.30	27,603	9,140	83,360
BIG SANDY CREEK	44.75	27,569	9,129	83,256
BIG SANDY CREEK	44.95	27,260	9,027	82,323
BIG SANDY CREEK	57.52	33,389	11,056	100,833
BIG SANDY CREEK	61.27	33,687	11,155	101,734
BIG SANDY CREEK	62.28	33,502	11,094	101,175
BIG SANDY CREEK	62.51	33,073	10,951	99,879
BIG SANDY CREEK	63.83	33,023	10,935	99,728
BIG SANDY CREEK	64.29	33,735	11,171	101,879
BIG SANDY CREEK	64.97	33,385	11,055	100,822
BIG SANDY CREEK	65.49	33,135	10,972	100,065
BIG SANDY CREEK	87.08	39,823	13,186	120,262
BIG SANDY CREEK	96.65	42,568	14,096	128,554
BIG SANDY CREEK	97.19	42,633	14,117	128,750
BIG SANDY CREEK	100.53	43,357	14,357	130,937
BIG SANDY CREEK	101.62	43,617	14,443	131,723
BIG SANDY CREEK	104.47	43,668	14,460	131,876
BIG SANDY CREEK	105.02	43,742	14,484	132,098
BIG SANDY CREEK	105.35	43,612	14,441	131,706
BIG SANDY CREEK	106.14	43,829	14,513	132,361
BIG SANDY CREEK	106.66	43,852	14,521	132,430
BIG SANDY CREEK	107.11	43,986	14,565	132,836



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
BIG SANDY CREEK	107.29	43,839	14,516	132,391
BIG SANDY CREEK	108.94	43,960	14,556	132,756
BIG SANDY CREEK	110.16	44,177	14,628	133,413
BIG SANDY CREEK TRIBUTARY 1	1.00	2,620	868	7,913
BIG SANDY CREEK TRIBUTARY 1	1.18	2,813	932	8,496
BIG SANDY CREEK TRIBUTARY 1	2.00	4,259	1,410	12,863
BIG SANDY CREEK TRIBUTARY 1	2.17	4,593	1,521	13,870
BIG SANDY CREEK TRIBUTARY 2	1.02	2,382	789	7,194
BIG SANDY CREEK TRIBUTARY 2	1.98	4,357	1,443	13,158
BIG SANDY CREEK TRIBUTARY 2	2.43	5,061	1,676	15,284
BIG SANDY CREEK TRIBUTARY 2	2.89	5,740	1,901	17,334
BIG SANDY CREEK TRIBUTARY 2	2.99	5,956	1,972	17,987
BIG SANDY CREEK TRIBUTARY 3	1.05	2,479	821	7,486
BIG SANDY CREEK TRIBUTARY 3	1.60	3,443	1,140	10,396
BIG SANDY CREEK TRIBUTARY 3	2.37	4,505	1,492	13,605
BIG SANDY CREEK TRIBUTARY 3	3.27	5,627	1,863	16,994
BIG SANDY CREEK TRIBUTARY 3	4.05	6,064	2,008	18,314
BIG SANDY CREEK TRIBUTARY 3	4.96	7,127	2,360	21,522
BIG SANDY CREEK TRIBUTARY 3	5.08	7,559	2,503	22,828
BIG SANDY CREEK TRIBUTARY 3	5.95	8,112	2,686	24,497
BIG SANDY CREEK TRIBUTARY 3	6.03	8,019	2,655	24,216
BIG SANDY CREEK TRIBUTARY 3	8.85	10,806	3,578	32,633
BIG SANDY CREEK TRIBUTARY 4	1.01	2,134	707	6,444
BIG SANDY CREEK TRIBUTARY 4	1.09	2,251	746	6,799
BIG SANDY CREEK TRIBUTARY 4	2.01	3,745	1,240	11,311
BIG SANDY CREEK TRIBUTARY 4	2.80	4,541	1,504	13,713
BIG SANDY CREEK TRIBUTARY 5	0.79	1,930	639	5,828
BIG SANDY CREEK TRIBUTARY 5	1.29	2,815	932	8,500
BIG SANDY CREEK TRIBUTARY 5	1.65	3,501	1,159	10,573
BIG SANDY CREEK TRIBUTARY 5	3.18	6,600	2,185	19,930
BIG SANDY CREEK TRIBUTARY 5	3.32	6,762	2,239	20,419
BIG SANDY CREEK TRIBUTARY 5	3.82	7,294	2,415	22,028
BIG SANDY CREEK TRIBUTARY 6	0.72	1,801	596	5,439
BIG SANDY CREEK TRIBUTARY 6	1.42	3,011	997	9,092
BIG SANDY CREEK TRIBUTARY 6	2.07	3,933	1,302	11,879
BIG SANDY CREEK TRIBUTARY 6	3.01	5,110	1,692	15,433
BIG SANDY CREEK TRIBUTARY 6	3.60	5,837	1,933	17,627
BIG SANDY CREEK TRIBUTARY 6	4.37	6,726	2,227	20,311
BIG SANDY CREEK TRIBUTARY 6	4.44	6,685	2,214	20,189



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
BIG SANDY CREEK TRIBUTARY 6	5.12	9,339	3,092	28,204
BIG SANDY CREEK TRIBUTARY 6	5.98	10,321	3,418	31,170
BIG SANDY CREEK TRIBUTARY 6	6.35	9,881	3,272	29,839
BIG SANDY CREEK TRIBUTARY 6	6.44	9,597	3,178	28,981
BIG SANDY CREEK TRIBUTARY 6	8.26	11,644	3,856	35,164
BIG SANDY CREEK TRIBUTARY 7	1.02	2,437	807	7,360
BIG SANDY CREEK TRIBUTARY 7	1.04	2,409	798	7,276
BIG SANDY CREEK TRIBUTARY 7	1.81	4,294	1,422	12,967
BIG SANDY CREEK TRIBUTARY 8	0.36	853	282	2,575
BURLSON CREEK	0.46	1,124	372	3,394
BURLSON CREEK	1.01	2,106	697	6,361
BURLSON CREEK	1.29	2,537	840	7,663
BURLSON CREEK	2.57	4,631	1,533	13,985
BURLSON CREEK	2.74	4,860	1,609	14,676
BURLSON CREEK	3.05	5,006	1,658	15,118
BURLSON CREEK	3.48	5,418	1,794	16,361
BURLSON CREEK	3.52	5,322	1,762	16,071
BURLSON CREEK	4.05	5,983	1,981	18,069
BURLSON CREEK	5.12	7,130	2,361	21,533
BURLSON CREEK	5.47	7,339	2,430	22,164
BURLSON CREEK	5.64	7,309	2,420	22,073
BURLSON CREEK	6.61	8,344	2,763	25,198
BURLSON CREEK	6.84	8,550	2,831	25,819
BURLSON CREEK	7.56	8,770	2,904	26,484
BURLSON CREEK	7.71	8,921	2,954	26,942
BURLSON CREEK	20.72	17,213	5,700	51,982
BURLSON CREEK	21.21	17,253	5,713	52,103
BURLSON CREEK	21.72	16,976	5,621	51,267
BURLSON CREEK	22.06	17,141	5,676	51,765
COPPERAS CREEK	1.06	2,520	834	7,609
COPPERAS CREEK	1.55	3,410	1,129	10,298
COPPERAS CREEK	1.91	3,865	1,280	11,673
COPPERAS CREEK	2.84	5,385	1,783	16,262
COPPERAS CREEK	3.33	5,973	1,978	18,040
COPPERAS CREEK	3.93	6,800	2,252	20,537
COPPERAS CREEK	4.56	7,471	2,474	22,561
DOGWOOD CREEK	0.68	1,876	621	5,665
DOGWOOD CREEK	1.00	2,587	857	7,812
DOGWOOD CREEK	1.23	2,910	964	8,789



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
DOGWOOD CREEK	2.23	4,911	1,626	14,832
DOGWOOD CREEK	2.80	5,650	1,871	17,063
DOGWOOD CREEK	2.99	5,812	1,924	17,551
DOGWOOD CREEK	3.71	7,330	2,427	22,138
GILLS BRANCH	0.32	1,183	392	3,571
GILLS BRANCH	0.73	2,348	777	7,091
GILLS BRANCH	1.00	3,058	1,013	9,234
GILLS BRANCH	1.17	3,120	1,033	9,423
GILLS BRANCH	1.55	3,954	1,309	11,941
GILLS BRANCH	1.86	4,550	1,507	13,741
GILLS BRANCH	2.93	6,368	2,109	19,232
LITTLE SANDY CREEK	0.83	1,811	600	5,468
LITTLE SANDY CREEK	1.28	2,542	842	7,677
LITTLE SANDY CREEK	2.91	4,286	1,419	12,945
LITTLE SANDY CREEK	3.48	4,896	1,621	14,786
LITTLE SANDY CREEK	7.86	9,510	3,149	28,721
LITTLE SANDY CREEK	8.07	9,610	3,182	29,021
LITTLE SANDY CREEK	9.11	10,455	3,462	31,573
LITTLE SANDY CREEK	9.79	10,632	3,520	32,107
LITTLE SANDY CREEK	12.00	11,830	3,917	35,727
LITTLE SANDY CREEK	12.98	12,551	4,156	37,902
LITTLE SANDY CREEK	13.54	12,752	4,223	38,511
LITTLE SANDY CREEK	14.51	13,387	4,433	40,429
LITTLE SANDY CREEK	15.50	13,899	4,602	41,974
LITTLE SANDY CREEK	16.00	14,118	4,675	42,635
LITTLE SANDY CREEK	17.67	15,197	5,032	45,893
LITTLE SANDY CREEK	18.43	15,647	5,181	47,252
LITTLE SANDY CREEK	18.71	15,831	5,242	47,809
LITTLE SANDY CREEK	19.36	15,791	5,229	47,689
LITTLE SANDY CREEK	20.33	16,508	5,466	49,852
LITTLE SANDY CREEK	20.78	16,685	5,525	50,389
LITTLE SANDY CREEK 02	0.76	1,562	517	4,719
LITTLE SANDY CREEK 02	1.65	2,968	983	8,965
LITTLE SANDY CREEK 02	2.60	4,007	1,327	12,101
LITTLE SANDY CREEK 02	2.73	3,884	1,286	11,731
LITTLE SANDY CREEK 02	3.89	5,256	1,740	15,871
LITTLE SANDY CREEK 02	6.09	7,551	2,500	22,802
LITTLE SANDY CREEK 02	6.29	7,693	2,548	23,234
LITTLE SANDY CREEK 02	8.27	9,492	3,143	28,666



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
LITTLE SANDY CREEK 02	8.55	9,727	3,221	29,375
LITTLE SANDY CREEK 02	8.94	9,804	3,246	29,608
LITTLE SANDY CREEK 02	9.41	10,024	3,319	30,272
LITTLE SANDY CREEK 02	9.68	10,184	3,372	30,755
LITTLE SANDY CREEK 02	12.86	11,689	3,871	35,300
LITTLE SANDY CREEK 02	12.90	11,737	3,887	35,447
LITTLE SANDY CREEK 02	13.01	11,863	3,928	35,826
LITTLE SANDY CREEK 02 TRIB 1	0.98	2,475	819	7,474
LITTLE SANDY CREEK 02 TRIB 1	2.18	4,131	1,368	12,476
LITTLE SANDY CREEK 02 TRIB 2	0.81	1,567	519	4,731
LITTLE SANDY CREEK 02 TRIB 2	1.87	3,034	1,005	9,161
LITTLE SANDY CREEK 02 TRIB 3	1.02	1,952	647	5,896
LITTLE SANDY CREEK 02 TRIB 3	1.16	2,075	687	6,267
LITTLE SANDY CREEK 02 TRIB 3	1.94	3,047	1,009	9,203
LITTLE SANDY CREEK 02 TRIB 3	2.18	3,227	1,069	9,745
LITTLE SANDY CREEK TRIBUTARY 1	0.33	736	244	2,224
LITTLE SANDY CREEK TRIBUTARY 1	1.02	2,057	681	6,212
LITTLE SANDY CREEK TRIBUTARY 1	1.06	2,051	679	6,193
LITTLE SANDY CREEK TRIBUTARY 1	1.48	2,722	901	8,220
LITTLE SANDY CREEK TRIBUTARY 1	1.70	2,972	984	8,977
PINEY 001	0.20	653	216	1,971
PINEY 002	0.33	460	152	1,389
PINEY 002	0.72	1,419	470	4,286
PINEY 003	1.02	2,342	776	7,073
PINEY 003	2.01	3,738	1,238	11,290
PINEY 003	2.98	4,694	1,554	14,176
PINEY 003	3.26	5,028	1,665	15,186
PINEY 003	5.24	7,367	2,439	22,247
PINEY 003	5.74	7,632	2,527	23,049
PINEY 003	5.93	7,798	2,582	23,551
PINEY 003	6.18	7,976	2,641	24,086
PINEY 003	7.50	9,071	3,004	27,395
PINEY 003	7.73	9,252	3,064	27,941
PINEY 003	8.38	9,813	3,249	29,635
PINEY 003	8.52	9,823	3,253	29,664
PINEY 003	9.03	10,163	3,365	30,690
PINEY 003	9.61	10,586	3,505	31,970
PINEY 003	13.36	13,739	4,549	41,491
PINEY 003	14.35	14,406	4,770	43,506



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
PINEY 003	14.43	14,354	4,753	43,349
PINEY 003	14.71	14,599	4,834	44,089
PINEY 003	14.89	14,679	4,861	44,329
PINEY 003	15.08	14,621	4,841	44,155
PINEY 003	15.26	14,673	4,859	44,313
PINEY 003	17.26	15,980	5,292	48,260
PINEY 003	18.82	17,061	5,649	51,523
PINEY 003	19.55	17,274	5,720	52,166
PINEY 003	19.92	17,421	5,769	52,611
PINEY 003	20.13	17,336	5,740	52,353
PINEY 003	20.37	17,264	5,717	52,136
PINEY 003	20.55	17,306	5,731	52,264
PINEY 003	20.68	17,099	5,662	51,637
PINEY 003	20.86	17,038	5,642	51,454
PINEY 003	21.09	17,655	5,846	53,318
PINEY 003	23.53	19,148	6,341	57,826
PINEY 003	23.97	19,210	6,361	58,014
PINEY 003	24.93	19,734	6,535	59,596
PINEY 003	26.33	20,497	6,787	61,901
PINEY 003	27.06	20,868	6,910	63,020
PINEY 003	27.45	20,906	6,922	63,134
PINEY 003	27.99	21,155	7,005	63,888
PINEY 003	28.86	21,538	7,132	65,045
PINEY 003	31.04	22,503	7,451	67,958
PINEY 003	31.38	22,503	7,451	67,957
PINEY 004	0.31	950	314	2,868
PINEY 004	0.51	1,392	461	4,203
PINEY 004	1.01	2,290	758	6,914
PINEY 004	1.30	2,852	944	8,612
PINEY 006	0.25	718	238	2,168
PINEY 007	0.90	2,572	852	7,767
PINEY 008	0.23	948	314	2,863
PINEY 009	0.56	1,693	561	5,112
PINEY 009	1.03	2,509	831	7,576
PINEY 009	1.11	2,473	819	7,468
PINEY 010	0.24	1,312	434	3,962
PINEY 011	0.16	809	268	2,442
PINEY 011	0.56	1,686	558	5,092
PINEY 012	0.16	732	242	2,209



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
PINEY 014	0.22	721	239	2,179
PINEY 015	0.24	728	241	2,198
PINEY 016	0.39	1,372	454	4,144
PINEY 016	1.04	2,950	977	8,908
PINEY 016	1.33	3,264	1,081	9,857
PINEY 017	0.33	674	223	2,035
PINEY 018	0.18	445	147	1,343
PINEY 019	0.42	699	231	2,109
PINEY 020	0.88	2,223	736	6,715
PINEY 020	1.95	4,275	1,416	12,912
PINEY 020	2.14	4,222	1,398	12,749
PINEY 020	2.16	4,115	1,363	12,427
PINEY 021	0.90	1,137	377	3,434
PINEY 022	0.15	245	81	741
PINEY 023	0.11	510	169	1,540
PINEY 024	0.17	761	252	2,297
PINEY 025	0.14	556	184	1,679
PINEY 026	0.14	516	171	1,559
PINEY 026	0.63	1,801	597	5,440
PINEY 027	0.16	597	198	1,803
PINEY 028	0.18	452	150	1,364
PINEY 028	0.58	1,214	402	3,665
PINEY 028	1.49	2,827	936	8,537
PINEY 029	0.24	533	176	1,609
PINEY 030	0.54	1,323	438	3,996
PINEY 031	0.13	452	150	1,366
PINEY 032	0.14	501	166	1,512
PINEY 033	0.26	868	288	2,622
PINEY 034	0.84	2,100	695	6,343
PINEY 035	1.04	3,456	1,144	10,436
PINEY 035	1.16	3,551	1,176	10,723
PINEY 035	1.51	4,460	1,477	13,469
PINEY 035	1.82	4,924	1,630	14,870
PINEY 035	2.96	7,203	2,385	21,751
PINEY 035	3.07	7,265	2,406	21,941
PINEY 035	3.35	7,824	2,591	23,628
PINEY 035	3.74	7,999	2,649	24,156
PINEY 036	0.16	752	249	2,272
PINEY 037	0.35	1,220	404	3,685



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
PINEY 038	1.00	3,157	1,045	9,533
PINEY 038	1.06	3,153	1,044	9,522
PINEY 039	0.06	248	82	749
PINEY 040	0.25	726	240	2,191
PINEY 041	0.12	389	129	1,175
PINEY 042	0.41	1,138	377	3,436
PINEY 043	0.19	582	193	1,759
PINEY 044	0.22	597	198	1,802
PINEY 045	0.36	1,025	340	3,097
PINEY 046	1.10	3,123	1,034	9,431
PINEY 046	1.87	4,220	1,397	12,745
PINEY 048	0.22	613	203	1,852
PINEY 049	0.18	622	206	1,878
PINEY 050	1.01	2,364	783	7,138
PINEY 050	1.16	2,536	840	7,658
PINEY 053	0.54	1,510	500	4,560
PINEY 054	0.27	833	276	2,517
PINEY 055	0.12	438	145	1,324
PINEY 056	0.38	939	311	2,836
PINEY 056	0.86	1,925	638	5,815
PINEY 056	1.51	2,971	984	8,973
PINEY 056	1.77	3,279	1,086	9,903
PINEY 057	0.20	591	196	1,784
PINEY 058	0.26	678	224	2,046
PINEY 059	0.18	506	168	1,529
PINEY 060	0.34	1,112	368	3,359
PINEY 062	0.09	434	144	1,312
PINEY 063	0.13	466	154	1,407
PINEY 064	0.65	2,594	859	7,835
PINEY 065	0.14	736	244	2,222
PINEY 066	0.24	787	261	2,376
PINEY 066	0.45	1,434	475	4,331
PINEY 067	0.21	769	255	2,323
PINEY 068	0.69	1,402	464	4,234
PINEY 070	1.03	2,336	774	7,055
PINEY 070	1.71	3,442	1,140	10,395
PINEY 071	0.15	429	142	1,296
PINEY 072	0.39	869	288	2,625
PINEY 073	0.30	611	202	1,844



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
PINEY 075	0.27	734	243	2,216
PINEY 075	0.39	1,090	361	3,293
PINEY 076	0.11	376	125	1,136
PINEY 077	0.89	2,445	810	7,384
PINEY 077	1.55	3,840	1,271	11,595
PINEY 078	0.48	1,482	491	4,475
PINEY 079	0.44	1,314	435	3,968
PINEY 080	0.47	1,523	504	4,600
PINEY 081	0.53	1,544	511	4,664
PINEY 082	0.71	1,622	537	4,899
PINEY 082	1.07	2,363	782	7,135
PINEY 083	0.34	997	330	3,010
PINEY 084	0.50	1,304	432	3,937
PINEY 086	0.62	1,435	475	4,332
PINEY 088	0.27	875	290	2,641
PINEY 089	0.31	872	289	2,634
PINEY 089	0.79	1,868	619	5,641
PINEY 090	0.43	1,112	368	3,357
PINEY 092	0.71	1,739	576	5,252
PINEY 093	0.33	956	317	2,887
PINEY 094	0.50	1,420	470	4,289
PINEY 095	0.26	931	308	2,810
PINEY 096	1.01	2,430	805	7,338
PINEY 096	1.06	2,577	853	7,783
PINEY 097	0.66	1,759	582	5,312
PINEY 098	0.30	1,113	369	3,362
PINEY 099	0.11	345	114	1,043
PINEY 100	0.10	351	116	1,060
PINEY 102	0.27	651	215	1,965
PINEY 103	0.74	2,020	669	6,101
PINEY 105	0.45	1,122	372	3,389
PINEY 106	0.32	869	288	2,626
PINEY 106	0.52	1,374	455	4,151
PINEY 107	0.20	648	215	1,957
PINEY 109	0.76	1,865	617	5,632
PINEY 110	0.57	1,396	462	4,215
PINEY 111	0.74	1,364	452	4,121
PINEY 113	0.06	224	74	677
PINEY 114	0.05	246	81	742



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
PINEY 115	0.34	815	270	2,461
PINEY 116	0.22	640	212	1,934
PINEY 117	0.44	1,376	456	4,157
PINEY 118	0.11	345	114	1,043
PINEY 119	0.26	608	201	1,836
PINEY 120	0.28	750	248	2,266
PINEY 122	0.52	1,253	415	3,783
PINEY 123	0.94	1,897	628	5,730
PINEY 123	1.16	2,206	731	6,663
PINEY 124	0.84	1,681	557	5,078
PINEY 126	0.44	975	323	2,943
PINEY 127	0.35	752	249	2,271
PINEY 129	0.18	511	169	1,544
PINEY 130	0.25	648	215	1,958
PINEY 131	0.23	668	221	2,016
PINEY 133	0.27	692	229	2,090
PINEY 134	0.21	592	196	1,788
PINEY 135	0.52	1,320	437	3,985
PINEY 136	0.37	1,101	365	3,325
PINEY 137	0.31	791	262	2,388
PINEY 139	0.46	1,062	352	3,208
PINEY 139	1.05	2,214	733	6,685
PINEY 139	1.19	2,310	765	6,977
PINEY 140	0.17	599	199	1,810
PINEY 141	1.05	2,002	663	6,047
PINEY 141	1.05	2,005	664	6,056
PINEY 142	0.13	410	136	1,238
PINEY 143	0.06	187	62	565
PINEY 144	0.97	2,322	769	7,012
PINEY 145	0.25	933	309	2,819
PINEY 146	0.43	1,110	368	3,352
PINEY 147	0.77	1,966	651	5,937
PINEY 148	0.32	1,115	369	3,366
PINEY 150	0.33	986	326	2,977
PINEY 151	0.38	1,140	377	3,443
PINEY 152	0.20	682	226	2,059
PINEY 153	0.04	108	36	326
PINEY 154	0.26	741	246	2,239
PINEY 155	0.43	1,280	424	3,865



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
PINEY 156	0.14	415	138	1,255
PINEY 157	0.31	1,195	396	3,608
PINEY 160	0.35	1,135	376	3,428
PINEY 161	0.13	490	162	1,478
PINEY 162	0.36	853	283	2,577
PINEY 164	0.36	1,098	364	3,317
PINEY 165	1.00	2,564	849	7,743
PINEY 165	1.02	2,613	865	7,892
PINEY 165	1.37	3,231	1,070	9,757
PINEY 166	0.08	283	94	854
PINEY 167	0.28	725	240	2,190
PINEY 168	0.33	1,083	359	3,271
PINEY 168	0.78	2,354	780	7,109
PINEY 168	1.01	2,859	947	8,633
PINEY 168	1.46	3,591	1,189	10,845
PINEY 168	3.37	6,110	2,023	18,451
PINEY 168	3.75	6,446	2,134	19,465
PINEY 168	4.06	6,608	2,188	19,957
PINEY 168	4.10	6,545	2,167	19,767
PINEY 168	6.19	9,061	3,000	27,365
PINEY 168	6.39	8,899	2,947	26,875
PINEY 168	6.52	9,032	2,991	27,276
PINEY 168	9.17	11,710	3,878	35,364
PINEY 168	9.40	11,504	3,809	34,740
PINEY 168	11.12	12,579	4,165	37,989
PINEY 168	11.22	12,467	4,128	37,651
PINEY 168	12.22	13,021	4,312	39,323
PINEY 168	12.33	12,457	4,125	37,620
PINEY 169	0.58	1,361	451	4,111
PINEY 169	1.35	2,741	907	8,276
PINEY 169	1.91	3,538	1,171	10,684
PINEY 169	2.63	4,374	1,448	13,209
PINEY 170	0.63	1,620	537	4,894
PINEY 171	0.28	804	266	2,428
PINEY 172	0.78	1,904	631	5,751
PINEY 172	1.91	3,488	1,155	10,534
PINEY 173	0.43	1,210	401	3,654
PINEY 174	0.16	550	182	1,661
PINEY 175	0.19	529	175	1,598



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
PINEY 176	0.43	1,414	468	4,269
PINEY 177	0.47	1,019	337	3,078
PINEY 178	0.35	901	298	2,721
PINEY 178	1.16	2,561	848	7,734
PINEY 178	1.61	3,349	1,109	10,113
PINEY 179	0.14	483	160	1,460
PINEY 179	0.62	1,602	530	4,837
PINEY 180	0.17	542	179	1,637
PINEY 181	0.43	1,067	353	3,223
PINEY 182	0.33	960	318	2,899
PINEY 183	0.11	363	120	1,095
PINEY 184	0.13	367	122	1,109
PINEY 185	0.07	249	82	752
PINEY 186	0.96	1,968	652	5,943
PINEY 187	0.05	186	62	561
PINEY 188	0.72	1,799	596	5,434
PINEY 189	0.71	1,830	606	5,528
PINEY 190	0.11	417	138	1,260
PINEY 192	0.40	1,122	372	3,389
PINEY 193	0.60	1,707	565	5,155
PINEY 194	0.85	2,120	702	6,402
PINEY 195	0.93	1,847	612	5,579
PINEY 196	0.21	646	214	1,951
PINEY 197	0.97	2,568	850	7,755
PINEY 198	0.15	461	153	1,393
PINEY 199	0.40	802	265	2,421
PINEY 199	1.00	1,862	616	5,622
PINEY 199	1.59	2,571	851	7,766
PINEY 200	0.31	731	242	2,207
PINEY 202	0.36	839	278	2,535
PINEY 203	0.22	644	213	1,945
PINEY 204	0.28	688	228	2,078
PINEY 204	0.53	1,170	387	3,534
PINEY 204	0.67	1,451	481	4,383
PINEY 204	1.01	2,068	685	6,245
PINEY 204	1.03	2,076	688	6,271
PINEY 204	1.67	2,963	981	8,948
PINEY 204	3.07	4,996	1,654	15,087
PINEY 204	3.25	5,170	1,712	15,613



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
PINEY 204	4.01	5,876	1,946	17,745
PINEY 204	4.25	6,090	2,017	18,391
PINEY 205	0.18	540	179	1,629
PINEY 206	0.13	407	135	1,229
PINEY 207	0.25	663	219	2,001
PINEY 208	0.31	749	248	2,262
PINEY 209	0.45	1,305	432	3,941
PINEY 209	1.38	3,119	1,033	9,419
PINEY 210	0.88	2,172	719	6,559
PINEY 211	0.18	472	156	1,427
PINEY 212	0.41	1,218	403	3,677
PINEY 213	0.13	447	148	1,349
PINEY 214	0.40	859	285	2,595
PINEY 216	0.28	821	272	2,480
PINEY 218	0.27	828	274	2,501
PINEY 219	0.79	2,325	770	7,022
PINEY 220	1.26	3,559	1,178	10,747
PINEY 220	1.54	4,026	1,333	12,157
PINEY 221	0.18	679	225	2,051
PINEY 222	0.28	982	325	2,967
PINEY 223	0.19	725	240	2,188
PINEY 225	0.37	1,135	376	3,427
PINEY 227	0.24	804	266	2,427
PINEY 228	0.29	987	327	2,980
PINEY 229	0.36	1,134	376	3,426
PINEY 230	0.62	1,624	538	4,903
PINEY 231	0.27	994	329	3,003
PINEY 232	1.00	2,296	760	6,935
PINEY 232	1.28	2,890	957	8,729
PINEY 233	0.52	1,700	563	5,135
PINEY 234	0.21	673	223	2,032
PINEY 235	0.36	1,279	424	3,863
PINEY 237	0.77	1,644	544	4,964
PINEY 238	1.21	1,391	461	4,200
PINEY 238	2.20	2,223	736	6,714
PINEY 238	2.73	3,808	1,261	11,499
PINEY 239	1.26	3,114	1,031	9,405
PINEY 239	1.51	3,499	1,159	10,566
PINEY 240	1.01	2,111	699	6,374



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
PINEY 240	1.18	2,753	912	8,315
PINEY 243	0.42	1,065	353	3,215
PINEY 243	0.88	2,304	763	6,957
PINEY 244	0.43	1,168	387	3,526
PINEY 245	0.48	592	196	1,788
PINEY 245	0.73	972	322	2,936
PINEY 246	0.21	281	93	849
PINEY 247	0.24	925	306	2,793
PINEY 248	0.34	1,364	452	4,119
PINEY 249	0.26	1,044	346	3,152
PINEY 251	0.14	659	218	1,989
PINEY 252	0.20	265	88	800
PINEY 252	0.64	856	284	2,586
PINEY 252	0.70	970	321	2,929
PINEY 253	0.14	178	59	537
PINEY 254	0.06	120	40	362
PINEY 255	0.41	914	303	2,761
PINEY 256	0.83	2,057	681	6,211
PINEY 256	1.66	3,769	1,248	11,381
PINEY 257	0.80	2,101	696	6,344
PINEY 258	0.20	541	179	1,635
PINEY 258	0.64	1,365	452	4,122
PINEY 258	1.21	2,214	733	6,685
PINEY 258	1.34	2,406	797	7,266
PINEY 258	1.81	3,106	1,028	9,379
PINEY 258	4.30	6,705	2,220	20,248
PINEY 259	0.22	797	264	2,407
PINEY 260	0.22	428	142	1,291
PINEY 261	0.36	607	201	1,833
PINEY 263	0.50	1,053	349	3,180
PINEY 264	0.19	819	271	2,473
PINEY 264	0.35	1,371	454	4,141
PINEY 264	0.79	2,709	897	8,180
PINEY 264	1.16	3,532	1,170	10,666
PINEY 264	1.29	3,887	1,287	11,740
PINEY 265	0.31	1,194	395	3,605
PINEY 266	0.16	663	220	2,004
PINEY 267	0.22	771	255	2,328
PINEY 268	0.13	333	110	1,006



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
PINEY 269	0.15	532	176	1,606
PINEY 270	0.23	971	322	2,934
PINEY 271	0.47	1,261	418	3,808
PINEY 271	1.09	2,617	867	7,904
PINEY 271	2.06	4,237	1,403	12,796
PINEY 271	2.12	4,388	1,453	13,250
PINEY 272	1.02	1,035	343	3,124
PINEY 272	1.66	2,203	729	6,652
PINEY 273	0.19	817	270	2,466
PINEY 274	0.29	1,451	480	4,381
PINEY 275	0.26	1,085	359	3,278
PINEY 277	0.26	1,221	404	3,686
PINEY 278	0.40	1,693	561	5,113
PINEY 279	0.25	545	180	1,646
PINEY 280	0.44	675	224	2,039
PINEY 280	1.47	2,278	754	6,879
PINEY 281	0.47	796	263	2,403
SPICEY CREEK	0.23	553	183	1,671
SPICEY CREEK	0.30	1,092	362	3,299
SPICEY CREEK	0.65	1,922	636	5,805
SPICEY CREEK	1.00	2,813	932	8,496
SPICEY CREEK	1.50	3,697	1,224	11,166
SPICEY CREEK	3.07	6,024	1,995	18,192
SPICEY CREEK	3.26	6,328	2,096	19,111
SPICEY CREEK	3.59	6,868	2,274	20,743
SPICEY CREEK	4.15	7,742	2,564	23,382
SPICEY CREEK	4.16	7,743	2,564	23,385
SPICEY CREEK	5.71	9,466	3,134	28,587
SPICEY CREEK	6.26	10,329	3,420	31,193
SPICEY CREEK	6.51	10,809	3,579	32,643
RABBS CREEK - COLORADO RIVER				
ALUM BRANCH	1.74	3,609	1,195	10,899
ALUM BRANCH	2.02	3,933	1,302	11,876
ALUM BRANCH	0.64	1,789	592	5,402
ALUM BRANCH	1.20	2,993	991	9,040
BEAR CREEK	1.00	3,186	1,055	9,622
BEAR CREEK	1.85	4,430	1,467	13,378
BEAR CREEK	2.35	5,270	1,745	15,916
BEAR CREEK	2.85	5,839	1,933	17,633



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
BEAR CREEK	3.77	6,993	2,316	21,119
BEAR CREEK	4.73	8,043	2,663	24,291
BEAR CREEK	5.37	8,941	2,961	27,001
BLAIR BRANCH	3.11	5,042	1,670	15,226
BLAIR BRANCH	3.54	5,412	1,792	16,344
BLAIR BRANCH	0.92	2,632	871	7,947
BLAIR BRANCH	1.80	3,626	1,201	10,951
BLAIR BRANCH	1.35	3,112	1,030	9,397
BLAIR BRANCH	1.14	2,885	955	8,712
BOONS CREEK	0.78	2,086	691	6,300
BOONS CREEK	2.69	5,162	1,709	15,590
BOONS CREEK	5.53	7,816	2,588	23,604
BOONS CREEK	6.13	8,471	2,805	25,581
BOONS CREEK	7.09	9,347	3,095	28,229
BOONS CREEK	3.54	5,723	1,895	17,283
BULLFROG CREEK	1.01	2,112	699	6,378
BULLFROG CREEK	1.50	2,787	923	8,416
BULLFROG CREEK	3.40	5,136	1,701	15,511
BULLFROG CREEK	4.38	6,307	2,088	19,046
BULLFROG CREEK	4.94	6,854	2,270	20,699
CEDAR CREEK	2.91	4,466	1,479	13,487
CEDAR CREEK	3.29	4,830	1,599	14,587
CEDAR CREEK	7.54	9,159	3,033	27,660
CEDAR CREEK	8.32	9,407	3,115	28,408
CEDAR CREEK	8.78	9,548	3,162	28,834
CEDAR CREEK	9.36	9,783	3,240	29,545
CEDAR CREEK	9.77	9,952	3,295	30,054
CEDAR CREEK	0.63	1,663	551	5,023
CEDAR CREEK	1.43	2,877	953	8,689
CEDAR CREEK	2.08	3,619	1,198	10,928
CRISWELL CREEK	1.00	2,143	710	6,472
CRISWELL CREEK	1.99	3,480	1,152	10,510
CRISWELL CREEK	2.99	4,699	1,556	14,190
CRISWELL CREEK	3.85	5,669	1,877	17,119
DREISSNER BRANCH	0.58	1,545	512	4,667
DREISSNER BRANCH	1.72	3,582	1,186	10,819
EAST BRANCH CEDAR CREEK	2.08	3,210	1,063	9,695
EAST BRANCH CEDAR CREEK	3.81	5,196	1,721	15,692
EAST BRANCH CEDAR CREEK	0.77	1,673	554	5,053



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
EAST BRANCH CEDAR CREEK	1.23	2,407	797	7,268
EAST FORK GRAVELLY CREEK	1.07	2,240	742	6,765
EAST FORK GRAVELLY CREEK	2.14	3,625	1,200	10,948
GRASSY CREEK	0.10	283	94	855
GRASSY CREEK	1.21	2,999	993	9,057
GRASSY CREEK	2.09	4,180	1,384	12,623
GRASSY CREEK	3.59	6,368	2,109	19,232
GRASSY CREEK	5.37	8,104	2,684	24,474
GRASSY CREEK	6.51	9,087	3,009	27,442
GRASSY CREEK	9.49	11,706	3,876	35,353
GRASSY CREEK	10.31	12,143	4,021	36,672
GRASSY CREEK	11.01	12,513	4,143	37,788
GRASSY CREEK	11.30	12,633	4,183	38,151
GRASSY CREEK	12.02	12,979	4,298	39,197
GRAVELLY CREEK	9.79	12,060	3,994	36,422
GRAVELLY CREEK	11.98	13,597	4,502	41,063
GRAVELLY CREEK	12.63	14,145	4,684	42,717
GRAVELLY CREEK	13.71	14,464	4,789	43,681
GRAVELLY CREEK	14.68	15,010	4,970	45,330
GRAVELLY CREEK	15.43	15,330	5,076	46,295
GRAVELLY CREEK	16.30	15,873	5,256	47,936
GRAVELLY CREEK	19.26	17,687	5,857	53,414
GRAVELLY CREEK	20.31	18,560	6,146	56,051
GRAVELLY CREEK	17.51	16,545	5,479	49,965
GREEN CREEK	0.52	1,204	399	3,637
GREEN CREEK	1.40	2,764	915	8,348
GREEN CREEK	3.16	5,168	1,711	15,608
GREEN CREEK	5.02	7,039	2,331	21,257
GREEN CREEK	5.24	7,169	2,374	21,649
GREEN CREEK	14.05	13,719	4,543	41,429
GREEN CREEK	6.46	8,160	2,702	24,643
HOG BRANCH	0.95	2,430	805	7,338
INDIAN CREEK	1.04	2,246	744	6,783
INDIAN CREEK	2.03	3,276	1,085	9,892
INDIAN CREEK	2.80	4,032	1,335	12,177
INDIAN CREEK	3.66	4,920	1,629	14,857
JONES CREEK	2.60	4,474	1,481	13,511
JONES CREEK	2.68	4,588	1,519	13,856
JONES CREEK	0.77	2,002	663	6,046



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
JONES CREEK	1.05	2,336	774	7,056
JONES CREEK	2.96	4,985	1,651	15,054
JONES CREEK	3.23	5,183	1,716	15,653
KNOBBS CREEK	5.53	8,197	2,714	24,756
KNOBBS CREEK	7.50	10,042	3,325	30,326
KNOBBS CREEK	7.79	10,199	3,377	30,801
KNOBBS CREEK	8.47	10,769	3,566	32,523
KNOBBS CREEK	9.38	11,306	3,744	34,144
KNOBBS CREEK	9.83	11,530	3,818	34,820
KNOBBS CREEK	3.07	5,333	1,766	16,104
KNOBBS CREEK	1.05	2,716	899	8,203
KNOBBS CREEK	2.25	4,597	1,522	13,883
LITTLE BULLFROG	1.00	2,056	681	6,209
LITTLE BULLFROG	1.05	2,090	692	6,313
LITTLE PIN OAK CREEK	4.90	7,118	2,357	21,496
LITTLE PIN OAK CREEK	5.87	7,693	2,547	23,233
LITTLE PIN OAK CREEK	6.54	7,946	2,631	23,998
LITTLE PIN OAK CREEK	10.48	11,750	3,891	35,484
LITTLE PIN OAK CREEK	20.39	20,168	6,678	60,908
LITTLE PIN OAK CREEK	21.13	20,532	6,799	62,007
LITTLE PIN OAK CREEK	22.42	21,155	7,005	63,888
LITTLE PIN OAK CREEK	23.57	21,164	7,008	63,913
LITTLE PIN OAK CREEK	24.36	22,110	7,321	66,772
LITTLE PIN OAK CREEK	25.15	21,840	7,232	65,954
LITTLE PIN OAK CREEK	25.66	22,192	7,349	67,019
LITTLE PIN OAK CREEK	34.01	27,472	9,097	82,964
LITTLE PIN OAK CREEK	34.22	27,330	9,050	82,536
LITTLE PIN OAK CREEK	35.75	27,474	9,098	82,970
LITTLE PIN OAK CREEK	35.97	28,185	9,333	85,118
LITTLE PIN OAK CREEK	37.18	28,729	9,513	86,759
LITTLE PIN OAK CREEK	38.53	29,391	9,732	88,759
LITTLE PIN OAK CREEK	39.26	29,032	9,614	87,676
LITTLE PIN OAK CREEK	23.26	21,378	7,079	64,561
LITTLE PIN OAK CREEK	1.60	3,369	1,116	10,176
LITTLE PIN OAK CREEK	2.29	4,152	1,375	12,538
LITTLE PIN OAK CREEK	3.10	5,023	1,663	15,169
LONG PRARIE BRANCH	1.04	2,207	731	6,665
LONG PRARIE BRANCH	1.84	3,209	1,063	9,692
LONG PRARIE BRANCH	6.11	7,554	2,501	22,813



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
LONG PRARIE BRANCH	6.92	8,303	2,749	25,074
LONG PRARIE BRANCH	7.69	8,831	2,924	26,669
LONG PRARIE BRANCH	8.08	9,172	3,037	27,700
LONG PRARIE BRANCH	3.57	5,342	1,769	16,132
LONG PRARIE BRANCH	4.16	5,687	1,883	17,175
MILLER CREEK	2.72	4,829	1,599	14,584
MILLER CREEK	9.83	12,381	4,100	37,389
MILLER CREEK	0.97	2,216	734	6,692
MILLER CREEK	1.84	3,548	1,175	10,715
OIL BRANCH	1.44	3,171	1,050	9,576
OIL BRANCH	1.82	3,437	1,138	10,380
OWL CREEK	1.87	3,288	1,089	9,930
OWL CREEK	2.92	4,688	1,552	14,157
OWL CREEK	3.25	5,034	1,667	15,202
OWL CREEK	7.22	9,433	3,124	28,488
OWL CREEK	11.74	12,937	4,284	39,070
OWL CREEK	12.30	12,985	4,300	39,214
OWL CREEK	11.95	13,018	4,311	39,314
OWL CREEK	1.52	3,241	1,073	9,789
OWL CREEK	1.66	3,206	1,062	9,682
OWL CREEK	2.58	4,282	1,418	12,932
PIN OAK BRANCH	1.00	2,526	836	7,628
PIN OAK BRANCH	1.81	3,956	1,310	11,947
PIN OAK BRANCH	2.81	5,264	1,743	15,898
PIN OAK BRANCH	3.72	6,208	2,056	18,747
PIN OAK BRANCH	4.61	6,824	2,259	20,607
PIN OAK BRANCH	4.90	7,015	2,323	21,184
PIN OAK BRANCH	5.28	7,393	2,448	22,328
PIN OAK BRANCH	5.66	7,462	2,471	22,535
PIN OAK BRANCH	5.40	7,521	2,491	22,714
PIN OAK CREEK	25.20	23,543	7,796	71,100
PIN OAK CREEK	26.09	23,658	7,834	71,446
PIN OAK CREEK	27.68	24,227	8,022	73,165
PIN OAK CREEK	29.04	24,330	8,056	73,475
PIN OAK CREEK	29.39	24,518	8,119	74,043
PIN OAK CREEK	29.70	24,419	8,086	73,746
PIN OAK CREEK	30.20	24,509	8,116	74,016
PIN OAK CREEK	31.65	24,606	8,148	74,308
PIN OAK CREEK	32.15	24,567	8,135	74,190



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
PIN OAK CREEK	35.72	26,080	8,636	78,760
PIN OAK CREEK	47.85	32,365	10,717	97,740
PIN OAK CREEK	49.13	32,183	10,657	97,191
PIN OAK CREEK	69.47	41,469	13,732	125,233
PIN OAK CREEK	70.26	41,309	13,679	124,752
PIN OAK CREEK	73.85	42,092	13,938	127,116
PIN OAK CREEK	74.82	42,254	13,992	127,607
PIN OAK CREEK	116.43	55,452	18,362	167,462
PIN OAK CREEK	31.02	24,612	8,150	74,326
PIN OAK CREEK	119.95	58,023	19,213	175,227
PIN OAK CREEK	120.06	57,482	19,034	173,594
PIN OAK CREEK	28.46	24,235	8,025	73,189
PIN OAK CREEK	71.01	41,027	13,585	123,899
PIN OAK CREEK	75.61	42,197	13,973	127,433
PIN OAK CREEK	76.26	42,079	13,934	127,077
PINEY CREEK	0.52	1,386	459	4,186
PINEY CREEK	4.16	5,953	1,971	17,978
PINEY CREEK	4.88	6,602	2,186	19,937
PINEY CREEK	5.84	7,662	2,537	23,139
PINEY CREEK	6.74	8,169	2,705	24,671
PINEY CREEK	14.04	14,595	4,833	44,077
PINEY CREEK	3.01	4,792	1,587	14,472
RABBS 0003	0.31	957	317	2,889
RABBS 0004	0.16	402	133	1,213
RABBS 0004	0.70	1,444	478	4,361
RABBS 0004	1.33	2,332	772	7,042
RABBS 0004	1.93	3,199	1,059	9,660
RABBS 0004	2.81	4,500	1,490	13,589
RABBS 0005	0.18	439	145	1,325
RABBS 0006	0.20	455	151	1,373
RABBS 0009	0.78	1,831	606	5,528
RABBS 0012	0.61	1,575	522	4,757
RABBS 0019	0.42	1,165	386	3,519
RABBS 0021	0.35	1,095	363	3,307
RABBS 0021	1.26	2,909	963	8,784
RABBS 0021	1.02	2,712	898	8,190
RABBS 0025	0.44	1,364	452	4,120
RABBS 0030	0.83	2,115	700	6,386
RABBS 0032	0.44	1,356	449	4,096



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
RABBS 0033	0.17	586	194	1,769
RABBS 0043	0.16	624	207	1,883
RABBS 0045	0.49	1,374	455	4,150
RABBS 0047	0.47	1,445	479	4,365
RABBS 0048	0.51	1,922	637	5,805
RABBS 0050	0.56	2,012	666	6,076
RABBS 0052	0.87	2,232	739	6,741
RABBS 0052	1.99	4,170	1,381	12,593
RABBS 0052	3.29	5,685	1,882	17,167
RABBS 0052	5.20	7,861	2,603	23,741
RABBS 0052	5.75	8,201	2,716	24,766
RABBS 0052	8.71	10,903	3,610	32,926
RABBS 0052	10.66	12,378	4,099	37,381
RABBS 0052	18.10	18,308	6,062	55,288
RABBS 0052	4.30	7,068	2,340	21,344
RABBS 0052	9.82	11,604	3,843	35,045
RABBS 0055	0.56	1,578	522	4,764
RABBS 0057	0.50	1,448	480	4,374
RABBS 0057	0.95	2,625	869	7,927
RABBS 0059	0.43	1,315	436	3,972
RABBS 0061	0.70	1,894	627	5,720
RABBS 0064	0.89	2,191	726	6,618
RABBS 0069	0.17	542	179	1,636
RABBS 0070	1.04	2,454	813	7,411
RABBS 0070	1.17	2,544	842	7,683
RABBS 0070	2.19	3,954	1,309	11,940
RABBS 0075	0.54	1,940	642	5,859
RABBS 0077	0.70	1,528	506	4,615
RABBS 0077	1.69	2,826	936	8,535
RABBS 0077	2.15	3,397	1,125	10,260
RABBS 0081	1.00	2,397	794	7,238
RABBS 0081	1.09	2,461	815	7,432
RABBS 0081	2.29	4,176	1,383	12,610
RABBS 0081	7.28	8,678	2,873	26,206
RABBS 0081	3.19	5,394	1,786	16,289
RABBS 0081	6.27	8,694	2,879	26,255
RABBS 0085	0.83	2,184	723	6,596
RABBS 0090	0.56	1,448	480	4,374
RABBS 0090	1.10	2,610	864	7,883



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
RABBS 0090	1.88	3,531	1,169	10,663
RABBS 0090	2.83	4,580	1,516	13,831
RABBS 0090	3.06	4,744	1,571	14,328
RABBS 0090	3.81	5,542	1,835	16,737
RABBS 0090	5.79	7,234	2,395	21,845
RABBS 0090	6.19	7,535	2,495	22,754
RABBS 0090	4.87	6,435	2,131	19,432
RABBS 0090	7.08	8,205	2,717	24,779
RABBS 0093	0.44	1,100	364	3,323
RABBS 0097	0.13	515	171	1,556
RABBS 0099	0.40	1,249	413	3,771
RABBS 0099	0.63	1,778	589	5,368
RABBS 0101	0.10	414	137	1,251
RABBS 0102	0.50	1,638	542	4,947
RABBS 0103	0.77	1,913	634	5,778
RABBS 0108	1.00	2,175	720	6,569
RABBS 0108	1.19	2,509	831	7,576
RABBS 0111	0.15	620	205	1,872
RABBS 0113	0.32	1,091	361	3,294
RABBS 0114	0.21	676	224	2,040
RABBS 0115	0.43	1,359	450	4,103
RABBS 0117	0.37	1,068	354	3,224
RABBS 0118	0.17	426	141	1,286
RABBS 0119	3.12	5,208	1,725	15,729
RABBS 0119	0.67	1,723	571	5,204
RABBS 0119	1.11	2,533	839	7,651
RABBS 0119	2.14	3,949	1,308	11,925
RABBS 0119	2.97	4,995	1,654	15,086
RABBS 0130	0.93	2,479	821	7,486
RABBS 0130	1.07	2,640	874	7,971
RABBS 0132	0.60	1,774	587	5,358
RABBS 0133	0.44	1,405	465	4,242
RABBS 0134	0.10	447	148	1,350
RABBS 0138	0.58	1,760	583	5,315
RABBS 0144	0.60	1,775	588	5,360
RABBS 0144	1.24	3,092	1,024	9,337
RABBS 0145	0.40	1,289	427	3,892
RABBS 0147	0.44	1,068	354	3,226
RABBS 0147	1.02	2,201	729	6,646



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
RABBS 0152	0.57	1,184	392	3,577
RABBS 0156	1.71	3,464	1,147	10,461
RABBS 0156	0.81	1,736	575	5,242
RABBS 0156	1.31	2,667	883	8,055
RABBS 0162	0.78	1,996	661	6,029
RABBS 0162	1.24	2,904	962	8,770
RABBS 0165	0.12	572	189	1,726
RABBS 0166	0.20	753	249	2,274
RABBS 0166	0.46	1,517	502	4,582
RABBS 0167	0.14	552	183	1,666
RABBS 0169	0.79	2,474	819	7,473
RABBS 0171	0.44	1,074	356	3,243
RABBS 0172	0.21	854	283	2,580
RABBS 0175	0.56	1,368	453	4,130
RABBS 0175	1.07	2,405	796	7,264
RABBS 0177	0.51	1,223	405	3,693
RABBS 0178	0.07	353	117	1,065
RABBS 0179	0.71	2,279	755	6,883
RABBS 0181	0.52	1,371	454	4,141
RABBS 0196	1.52	3,559	1,179	10,749
RABBS 0202	0.28	851	282	2,571
RABBS 0203	3.48	6,303	2,087	19,034
RABBS 0203	0.69	2,056	681	6,209
RABBS 0203	1.02	2,604	862	7,865
RABBS 0205	1.00	2,560	848	7,732
RABBS 0205	1.29	3,023	1,001	9,129
RABBS 0205	2.29	4,883	1,617	14,746
RABBS 0205	2.42	4,749	1,573	14,342
RABBS 0219	1.00	2,595	859	7,837
RABBS 0219	1.49	3,504	1,160	10,583
RABBS 0224	0.76	1,848	612	5,582
RABBS 0224	1.02	2,343	776	7,075
RABBS 0229	0.34	1,143	378	3,451
RABBS 0231	0.20	569	188	1,718
RABBS 0234	0.40	1,344	445	4,058
RABBS 0234	1.02	2,705	896	8,170
RABBS 0235	0.37	917	304	2,769
RABBS 0235	0.66	1,585	525	4,787
RABBS 0236	0.27	699	231	2,111



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
RABBS 0237	0.06	185	61	560
RABBS 0238	0.75	2,318	767	6,999
RABBS 0240	0.51	1,136	376	3,430
RABBS 0241	0.64	1,529	506	4,617
RABBS 0246	0.88	1,893	627	5,717
RABBS 0251	0.35	939	311	2,835
RABBS 0253	0.32	881	292	2,661
RABBS 0255	0.14	570	189	1,722
RABBS 0256	0.81	1,556	515	4,699
RABBS 0256	1.18	2,341	775	7,070
RABBS 0258	0.31	748	248	2,257
RABBS 0259	1.31	3,322	1,100	10,031
RABBS 0259	1.20	3,060	1,013	9,241
RABBS 0262	0.16	458	152	1,383
RABBS 0263	2.51	3,329	1,102	10,055
RABBS 0263	1.50	2,220	735	6,704
RABBS 0263	1.69	2,298	761	6,940
RABBS 0264	0.29	415	138	1,254
RABBS 0272	1.01	2,324	769	7,018
RABBS 0272	1.41	2,715	899	8,198
RABBS 0288	0.42	1,177	390	3,555
RABBS 0296	0.49	1,272	421	3,840
RABBS 0299	1.04	2,711	898	8,187
RABBS 0299	2.04	4,168	1,380	12,587
RABBS 0299	2.95	5,170	1,712	15,613
RABBS 0299	4.00	6,711	2,222	20,266
RABBS 0310	0.48	1,163	385	3,512
RABBS 0312	1.06	2,140	709	6,463
RABBS 0312	1.59	2,819	933	8,513
RABBS 0313	1.07	1,566	518	4,728
RABBS 0313	1.32	1,936	641	5,848
RABBS 0313	2.92	3,715	1,230	11,220
RABBS 0313	3.17	3,869	1,281	11,686
RABBS 0317	5.31	5,983	1,981	18,069
RABBS 0317	6.41	6,698	2,218	20,228
RABBS 0317	3.39	5,109	1,692	15,428
RABBS 0317	4.22	5,312	1,759	16,041
RABBS 0325	0.90	2,438	807	7,362
RABBS 0330	0.61	1,839	609	5,552



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
RABBS 0330	1.16	2,953	978	8,919
RABBS 0331	0.40	1,465	485	4,423
RABBS 0332	0.67	2,780	920	8,394
RABBS 0341	0.30	985	326	2,975
RABBS 0345	0.83	2,106	697	6,360
RABBS 0351	0.17	480	159	1,449
RABBS 0352	1.00	2,778	920	8,390
RABBS 0352	2.00	4,389	1,453	13,254
RABBS 0352	2.95	5,457	1,807	16,480
RABBS 0352	3.66	5,973	1,978	18,039
RABBS 0352	3.94	6,302	2,087	19,033
RABBS 0359	0.55	1,336	442	4,036
RABBS 0361	0.44	1,449	480	4,377
RABBS 0363	0.09	340	113	1,028
RABBS 0363	0.12	440	146	1,328
RABBS 0364	0.02	107	35	322
RABBS 0365	0.33	910	301	2,750
RABBS 0368	0.46	1,307	433	3,947
RABBS 0377	0.04	175	58	530
RABBS 0378	0.81	1,787	592	5,395
RABBS 0378	1.46	2,923	968	8,828
RABBS 0378	4.65	6,466	2,141	19,527
RABBS 0378	4.91	6,639	2,198	20,050
RABBS 0378	5.40	7,100	2,351	21,442
RABBS 0379	1.02	2,121	702	6,405
RABBS 0379	1.69	2,992	991	9,035
RABBS 0379	2.01	3,416	1,131	10,315
RABBS 0379	2.49	4,017	1,330	12,130
RABBS 0385	0.37	863	286	2,606
RABBS 0386	0.10	384	127	1,158
RABBS 0388	0.13	562	186	1,696
RABBS 0389	0.17	651	215	1,965
RABBS 0390	0.59	1,735	575	5,241
RABBS 0391	0.27	929	308	2,805
RABBS 0392	0.58	1,539	510	4,649
RABBS 0393	0.86	2,112	699	6,379
RABBS 0393	1.06	2,398	794	7,242
RABBS 0395	0.81	1,791	593	5,408
RABBS 0396	0.25	717	237	2,165



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
RABBS 0397	0.26	924	306	2,792
RABBS 0398	0.17	552	183	1,667
RABBS 0399	0.20	589	195	1,778
RABBS 0404	0.52	1,368	453	4,132
RABBS 0412	0.35	988	327	2,985
RABBS 0413	0.29	831	275	2,511
RABBS 0420	0.21	633	210	1,911
RABBS 0421	0.28	793	263	2,396
RABBS 0422	0.10	291	96	880
RABBS 0432	0.36	859	284	2,593
RABBS 0432	1.43	2,893	958	8,736
RABBS 0433	0.23	693	230	2,093
RABBS 0433	0.55	1,433	475	4,328
RABBS 0439	0.44	1,222	405	3,690
RABBS 0440	0.36	981	325	2,963
RABBS 0441	0.22	844	280	2,550
RABBS 0446	0.28	847	281	2,558
RABBS 0450	0.31	1,070	354	3,230
RABBS 0451	0.43	1,210	401	3,654
RABBS 0456	1.59	3,062	1,014	9,246
RABBS 0456	1.77	3,340	1,106	10,085
RABBS 0456	0.91	2,049	679	6,189
RABBS 0456	1.25	2,539	841	7,668
RABBS 0459	0.15	513	170	1,549
RABBS 0462	0.40	1,217	403	3,674
RABBS 0463	0.18	635	210	1,918
RABBS 0464	1.00	2,626	869	7,929
RABBS 0464	1.24	2,888	956	8,720
RABBS 0465	0.35	1,108	367	3,347
RABBS 0466	0.48	1,237	410	3,737
RABBS 0467	0.42	1,505	498	4,544
RABBS 0468	0.25	833	276	2,516
RABBS 0469	0.21	800	265	2,416
RABBS 0471	0.11	527	175	1,592
RABBS 0472	0.30	876	290	2,644
RABBS 0475	1.15	2,462	815	7,436
RABBS 0488	0.26	848	281	2,562
RABBS 0489	0.20	616	204	1,860
RABBS 0490	0.15	488	162	1,474



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
RABBS 0491	0.16	585	194	1,767
RABBS 0493	1.01	2,492	825	7,525
RABBS 0493	1.06	2,497	827	7,541
RABBS 0497	0.19	648	214	1,955
RABBS 0497	0.56	1,484	491	4,480
RABBS 0498	0.21	634	210	1,914
RABBS 0503	0.12	532	176	1,608
RABBS 0504	0.02	133	44	400
RABBS 0505	0.22	844	280	2,550
RABBS 0506	0.32	1,045	346	3,156
RABBS 0507	0.13	497	164	1,500
RABBS 0509	0.14	469	155	1,417
RABBS 0509	0.64	1,683	557	5,082
RABBS 0510	0.42	1,211	401	3,656
RABBS 0515	0.07	244	81	736
RABBS 0516	0.29	763	253	2,303
RABBS 0517	0.25	933	309	2,816
RABBS 0518	0.09	415	137	1,253
RABBS 0522	1.08	2,490	825	7,520
RABBS 0522	1.18	2,576	853	7,778
RABBS 0524	0.25	1,002	332	3,027
RABBS 0525	0.15	539	178	1,627
RABBS 0528	0.64	1,301	431	3,929
RABBS 0528	1.98	3,558	1,178	10,744
RABBS 0528	2.78	4,535	1,502	13,695
RABBS 0528	3.72	5,417	1,794	16,359
RABBS 0529	0.98	2,205	730	6,659
RABBS 0536	0.14	545	180	1,645
RABBS 0537	0.43	1,238	410	3,739
RABBS 0538	0.47	1,483	491	4,479
RABBS 0541	0.47	1,386	459	4,187
RABBS 0543	0.63	1,991	659	6,011
RABBS 0543	0.94	2,846	943	8,596
RABBS 0544	0.30	1,075	356	3,245
RABBS 0546	0.35	1,394	462	4,209
RABBS 0547	0.38	1,082	358	3,269
RABBS 0547	0.69	1,873	620	5,658
RABBS 0547	1.50	3,246	1,075	9,803
RABBS 0549	0.29	916	303	2,766



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
RABBS 0550	0.14	525	174	1,587
RABBS 0555	0.09	343	113	1,035
RABBS 0556	0.09	288	95	869
RABBS 0557	0.19	577	191	1,742
RABBS 0558	0.51	1,253	415	3,783
RABBS 0559	0.12	525	174	1,586
RABBS 0560	0.28	921	305	2,780
RABBS 0560	0.57	1,620	537	4,894
RABBS 0561	0.14	516	171	1,560
RABBS 0563	0.17	571	189	1,724
RABBS 0563	1.40	3,249	1,076	9,811
RABBS 0564	0.37	1,101	364	3,324
RABBS 0564	1.20	2,859	947	8,636
RABBS 0565	0.76	1,990	659	6,008
RABBS 0571	0.82	2,191	726	6,618
RABBS 0571	1.24	2,857	946	8,629
RABBS 0575	0.42	1,235	409	3,729
RABBS 0577	0.31	1,011	335	3,054
RABBS 0577	0.83	2,274	753	6,866
RABBS 0578	0.37	1,196	396	3,613
RABBS 0579	0.44	1,609	533	4,858
RABBS 0581	1.02	2,128	705	6,427
RABBS 0581	1.46	2,780	921	8,397
RABBS 0588	0.79	1,979	655	5,977
RABBS 0591	0.96	2,928	970	8,843
RABBS 0593	0.13	472	156	1,425
RABBS 0594	0.22	857	284	2,588
RABBS 0595	0.55	1,720	569	5,193
RABBS 0596	0.27	916	303	2,766
RABBS 0602	0.39	934	309	2,822
RABBS 0606	0.26	826	273	2,493
RABBS 0607	0.16	533	176	1,609
RABBS 0608	0.54	1,886	625	5,697
RABBS 0608	1.63	3,521	1,166	10,634
RABBS 0608	1.97	4,012	1,329	12,117
RABBS 0609	0.32	1,427	473	4,311
RABBS 0610	0.28	891	295	2,690
RABBS 0611	0.14	496	164	1,499
RABBS 0612	0.21	741	245	2,238



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
RABBS 0613	0.10	396	131	1,196
RABBS 0614	0.30	412	136	1,244
RABBS 0615	0.49	1,118	370	3,376
RABBS 0617	0.13	421	139	1,270
RABBS 0618	0.20	598	198	1,805
RABBS 0620	0.28	787	261	2,376
RABBS 0621	0.55	1,603	531	4,841
RABBS 0622	0.91	2,131	706	6,437
RABBS 0623	0.18	557	185	1,683
RABBS 0625	0.23	672	223	2,031
RABBS 0630	0.56	1,511	500	4,562
RABBS 0631	0.13	415	137	1,252
RABBS 0632	0.59	1,336	442	4,035
RABBS CREEK	1.01	2,413	799	7,288
RABBS CREEK	2.03	3,957	1,310	11,950
RABBS CREEK	3.34	5,631	1,865	17,005
RABBS CREEK	3.98	6,344	2,101	19,159
RABBS CREEK	4.06	6,281	2,080	18,969
RABBS CREEK	4.62	6,773	2,243	20,453
RABBS CREEK	5.58	7,903	2,617	23,868
RABBS CREEK	6.47	8,355	2,767	25,232
RABBS CREEK	7.42	9,181	3,040	27,725
RABBS CREEK	7.78	9,429	3,122	28,476
RABBS CREEK	7.97	9,623	3,186	29,061
RABBS CREEK	8.21	9,797	3,244	29,587
RABBS CREEK	8.49	10,002	3,312	30,205
RABBS CREEK	8.86	10,177	3,370	30,734
RABBS CREEK	9.85	10,618	3,516	32,067
RABBS CREEK	15.10	14,601	4,835	44,093
RABBS CREEK	18.71	16,769	5,553	50,641
RABBS CREEK	19.16	16,989	5,626	51,307
RABBS CREEK	19.81	17,225	5,704	52,020
RABBS CREEK	20.23	17,214	5,700	51,985
RABBS CREEK	22.50	18,300	6,060	55,264
RABBS CREEK	23.36	18,764	6,213	56,667
RABBS CREEK	23.69	18,793	6,223	56,755
RABBS CREEK	29.59	22,994	7,614	69,441
RABBS CREEK	30.76	23,644	7,829	71,405
RABBS CREEK	32.39	24,020	7,954	72,539



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
RABBS CREEK	32.68	24,079	7,973	72,718
RABBS CREEK	32.92	23,977	7,939	72,408
RABBS CREEK	34.17	24,628	8,155	74,375
RABBS CREEK	34.65	24,828	8,221	74,979
RABBS CREEK	35.33	24,948	8,261	75,340
RABBS CREEK	35.84	25,237	8,357	76,215
RABBS CREEK	36.05	25,425	8,419	76,781
RABBS CREEK	36.49	25,636	8,489	77,419
RABBS CREEK	37.03	25,644	8,491	77,442
RABBS CREEK	37.70	25,705	8,512	77,628
RABBS CREEK	43.19	28,402	9,405	85,774
RABBS CREEK	48.87	31,073	10,289	93,840
RABBS CREEK	49.13	31,203	10,332	94,232
RABBS CREEK	63.83	37,627	12,460	113,632
RABBS CREEK	63.87	37,502	12,418	113,253
RABBS CREEK	64.38	37,716	12,489	113,900
RABBS CREEK	64.82	37,334	12,362	112,747
RABBS CREEK	65.28	37,479	12,411	113,186
RABBS CREEK	65.80	37,547	12,433	113,391
RABBS CREEK	66.22	37,712	12,488	113,890
RABBS CREEK	78.61	42,488	14,069	128,313
RABBS CREEK	79.52	42,532	14,084	128,443
RABBS CREEK	79.79	42,519	14,079	128,404
RABBS CREEK	89.31	45,973	15,223	138,836
RABBS CREEK	89.82	45,879	15,192	138,551
RABBS CREEK	90.74	46,224	15,306	139,593
RABBS CREEK	104.78	51,248	16,970	154,767
RABBS CREEK	105.23	52,435	17,363	158,351
RABBS CREEK	110.64	54,199	17,947	163,678
RABBS CREEK	111.06	53,681	17,775	162,113
RABBS CREEK	115.06	54,717	18,118	165,241
RABBS CREEK	117.03	55,258	18,298	166,877
RABBS CREEK	117.34	54,812	18,150	165,529
RABBS CREEK	9.59	10,474	3,468	31,631
RABBS CREEK	49.33	31,289	10,361	94,492
RABBS CREEK	63.64	37,780	12,510	114,094
RABBS CREEK	31.78	23,810	7,884	71,905
RABBS CREEK	121.33	55,072	18,236	166,314
ROBINSON CREEK	2.13	3,973	1,316	12,000



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
ROBINSON CREEK	2.81	4,656	1,542	14,061
ROBINSON CREEK	3.79	5,701	1,888	17,217
ROBINSON CREEK	4.44	6,404	2,121	19,340
ROBINSON CREEK	0.79	2,134	707	6,445
ROBINSON CREEK	1.32	3,093	1,024	9,341
ROCKY BRANCH	0.61	1,427	473	4,310
ROCKY BRANCH	0.80	1,796	595	5,424
ROCKY BRANCH	1.18	2,486	823	7,508
ROCKY CREEK	0.90	2,506	830	7,569
ROCKY CREEK	1.43	3,531	1,169	10,664
ROCKY CREEK	6.51	9,339	3,092	28,202
ROCKY CREEK	7.06	9,831	3,256	29,691
ROCKY CREEK	7.19	9,853	3,263	29,756
ROCKY CREEK	7.37	9,821	3,252	29,658
ROCKY CREEK	7.77	10,064	3,332	30,391
ROCKY CREEK	7.86	9,981	3,305	30,141
ROCKY CREEK	8.85	10,660	3,530	32,193
ROCKY CREEK	9.38	10,783	3,571	32,565
ROCKY CREEK	2.79	5,502	1,822	16,616
ROCKY CREEK	4.97	8,416	2,787	25,417
ROCKY CREEK	5.72	9,493	3,143	28,668
SANDY CREEK	0.45	1,228	407	3,708
SANDY CREEK	4.75	7,153	2,369	21,602
SANDY CREEK	1.67	3,396	1,124	10,254
SANDY CREEK	5.90	8,262	2,736	24,951
SANDY CREEK	2.29	4,189	1,387	12,650
SANDY CREEK	2.09	4,029	1,334	12,169
SHILOH BRANCH	1.01	2,647	876	7,993
SHILOH BRANCH	5.56	8,129	2,692	24,548
SHILOH BRANCH	1.81	3,523	1,167	10,639
SHILOH BRANCH	7.06	9,528	3,155	28,774
SHILOH BRANCH	4.09	6,444	2,134	19,459
SMALL GREENS CREEK	3.59	5,497	1,820	16,601
SMALL GREENS CREEK	6.96	8,070	2,672	24,370
SMALL GREENS CREEK	0.48	1,474	488	4,453
SMALL GREENS CREEK	2.59	4,548	1,506	13,733
SMALL GREENS CREEK	4.57	6,397	2,118	19,318
SMALL GREENS CREEK	5.87	7,257	2,403	21,915
WEST FORK GRAVELLY CREEK	0.89	1,873	620	5,655



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WEST FORK GRAVELLY CREEK	1.99	3,525	1,167	10,645
WEST FORK GRAVELLY CREEK	3.26	5,242	1,736	15,831
WEST FORK GRAVELLY CREEK	5.25	7,441	2,464	22,472
WEST FORK GRAVELLY CREEK	7.57	9,990	3,308	30,168
WOLF BRANCH	1.53	3,142	1,041	9,490
WOLF BRANCH	1.68	3,161	1,047	9,546
WOLF BRANCH	3.33	5,520	1,828	16,669
WOLF BRANCH	1.28	2,842	941	8,582
WALNUT CREEK - CEDAR CREEK				
ALUM CREEK 2	0.72	1,932	640	5,835
ALUM CREEK 2	1.60	3,469	1,149	10,477
ALUM CREEK 2	2.13	4,183	1,385	12,631
ALUM CREEK 2	2.33	4,370	1,447	13,199
ALUM CREEK 2	3.14	5,555	1,840	16,777
ALUM CREEK 2	3.39	5,881	1,947	17,761
ALUM CREEK 2	3.40	5,878	1,946	17,751
ALUM CREEK 2	4.05	6,209	2,056	18,749
ALUM CREEK 2	4.79	6,627	2,194	20,014
ALUM CREEK 2	6.34	8,189	2,712	24,729
ALUM CREEK 2	9.94	11,266	3,731	34,024
ALUM CREEK 2	11.77	12,095	4,005	36,527
ALUM CREEK 2	13.90	13,210	4,374	39,895
ALUM CREEK 2	14.30	13,503	4,471	40,779
ALUM CREEK 2 TRIBUTARY	0.94	1,825	604	5,512
ALUM CREEK 2 TRIBUTARY	1.24	2,378	788	7,183
ALUM CREEK 2 TRIBUTARY	2.05	3,233	1,071	9,763
ALUM CREEK 2 TRIBUTARY	3.21	4,508	1,493	13,614
ALUM CREEK 2 TRIBUTARY	3.92	4,752	1,574	14,352
ALUM CREEK 2 TRIBUTARY	4.46	5,286	1,750	15,964
BEE CREEK	1.03	2,021	669	6,104
BEE CREEK	1.38	2,544	843	7,684
BEE CREEK	1.55	2,622	868	7,918
BEE CREEK	2.56	4,118	1,363	12,435
BEE CREEK	3.50	5,282	1,749	15,952
BEE CREEK	4.10	5,835	1,932	17,620
BEE CREEK	4.17	5,876	1,946	17,744
BEE CREEK	4.76	6,436	2,131	19,438
BEE CREEK	5.53	7,038	2,330	21,253
BEE CREEK	5.82	6,996	2,317	21,128



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
BEE CREEK	5.93	7,109	2,354	21,469
BEE CREEK	6.53	7,627	2,526	23,034
BEE CREEK	7.02	7,625	2,525	23,026
BEE CREEK	9.64	9,781	3,239	29,539
BEE CREEK	10.55	10,448	3,460	31,553
BEE CREEK	10.92	10,504	3,478	31,721
BEE CREEK	11.32	11,077	3,668	33,452
BRUSHY CREEK	0.56	1,754	581	5,298
BRUSHY CREEK	1.56	3,900	1,291	11,776
BRUSHY CREEK	2.69	5,517	1,827	16,662
BRUSHY CREEK	3.95	6,738	2,231	20,348
BRUSHY CREEK	4.42	7,310	2,421	22,077
BRUSHY CREEK	4.67	7,530	2,494	22,741
BRUSHY CREEK	4.73	7,448	2,466	22,492
BRUSHY CREEK	6.04	8,998	2,980	27,174
BRUSHY CREEK	6.47	9,378	3,105	28,322
BRUSHY CREEK	8.52	11,335	3,754	34,233
BRUSHY CREEK	9.51	12,348	4,089	37,290
BRUSHY CREEK	9.66	12,204	4,041	36,856
BRUSHY CREEK	10.09	12,615	4,177	38,096
BRUSHY CREEK	11.11	13,592	4,501	41,046
BRUSHY CREEK	12.97	14,754	4,885	44,555
BRUSHY CREEK	14.97	16,221	5,371	48,988
BRUSHY CREEK	14.97	16,212	5,368	48,959
BRUSHY CREEK	15.39	16,392	5,428	49,502
BRUSHY CREEK	15.65	16,431	5,441	49,622
BRUSHY CREEK	16.31	16,547	5,479	49,971
BRUSHY CREEK 2	0.85	1,647	545	4,973
BRUSHY CREEK 2	1.41	2,447	810	7,389
BRUSHY CREEK 2	2.33	3,312	1,097	10,001
BRUSHY CREEK 2	2.49	3,365	1,114	10,163
BRUSHY CREEK 2	3.75	4,779	1,582	14,432
CAT BRANCH	0.86	1,866	618	5,634
CAT BRANCH	1.44	2,679	887	8,089
CAT BRANCH	2.18	3,714	1,230	11,217
CAT BRANCH	2.30	3,783	1,253	11,423
CAT BRANCH	2.57	4,156	1,376	12,552
CEDAR CREEK	0.74	1,580	523	4,770
CEDAR CREEK	1.00	1,977	655	5,971



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
CEDAR CREEK	1.01	1,969	652	5,946
CEDAR CREEK	1.62	2,914	965	8,800
CEDAR CREEK	2.62	4,028	1,334	12,164
CEDAR CREEK	2.96	4,221	1,398	12,747
CEDAR CREEK	5.99	9,065	3,002	27,377
CEDAR CREEK	6.72	9,507	3,148	28,710
CEDAR CREEK	7.13	9,906	3,280	29,916
CEDAR CREEK	7.71	10,468	3,466	31,613
CEDAR CREEK	7.97	10,524	3,485	31,780
CEDAR CREEK	8.69	10,977	3,635	33,151
CEDAR CREEK	12.93	14,515	4,806	43,833
CEDAR CREEK	13.38	14,788	4,897	44,660
CEDAR CREEK	19.89	19,491	6,454	58,860
CEDAR CREEK	20.23	19,482	6,451	58,835
CEDAR CREEK	21.13	19,786	6,552	59,753
CEDAR CREEK	26.06	22,762	7,537	68,741
CEDAR CREEK	27.33	22,920	7,590	69,217
CEDAR CREEK	27.63	23,074	7,641	69,683
CEDAR CREEK	28.22	23,392	7,746	70,643
CEDAR CREEK	28.32	23,027	7,625	69,540
CEDAR CREEK	31.80	24,452	8,097	73,843
CEDAR CREEK	32.36	24,318	8,052	73,438
CEDAR CREEK	32.70	24,299	8,046	73,381
CEDAR CREEK	35.75	25,986	8,605	78,478
CEDAR CREEK	37.49	26,107	8,645	78,843
CEDAR CREEK	37.83	26,238	8,688	79,237
CEDAR CREEK	41.27	28,030	9,281	84,648
CEDAR CREEK	42.41	28,127	9,314	84,943
CEDAR CREEK	43.52	29,542	9,782	89,216
CEDAR CREEK	43.53	29,364	9,723	88,678
CEDAR CREEK	45.72	30,365	10,055	91,702
CEDAR CREEK	46.91	30,655	10,151	92,577
CEDAR CREEK	47.36	30,721	10,173	92,776
CEDAR CREEK	49.42	31,702	10,497	95,738
CEDAR CREEK	49.72	31,324	10,372	94,597
CEDAR CREEK	50.35	31,623	10,471	95,500
CEDAR CREEK	52.71	32,072	10,620	96,857
CEDAR CREEK	52.98	31,794	10,528	96,015
CEDAR CREEK	55.32	32,606	10,797	98,470



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
CEDAR CREEK	95.47	42,400	14,040	128,047
CEDAR CREEK	95.99	42,467	14,062	128,248
CEDAR CREEK	96.74	42,497	14,072	128,339
CEDAR CREEK	99.20	43,067	14,261	130,059
CEDAR CREEK	99.43	43,123	14,279	130,229
CEDAR CREEK	99.76	43,107	14,274	130,182
CEDAR CREEK	104.75	44,424	14,710	134,159
CEDAR CREEK	104.98	44,547	14,751	134,529
CEDAR CREEK	106.07	44,781	14,828	135,237
CEDAR CREEK	107.30	45,064	14,922	136,090
CEDAR CREEK	107.78	45,059	14,921	136,077
CEDAR CREEK	113.14	46,652	15,448	140,887
CEDAR CREEK	113.39	46,505	15,399	140,441
CEDAR CREEK	116.37	47,360	15,682	143,023
CEDAR CREEK	117.11	47,193	15,627	142,521
CEDAR CREEK	117.25	47,187	15,625	142,503
CEDAR CREEK	117.80	47,172	15,620	142,458
CEDAR CREEK	118.10	47,011	15,567	141,969
CEDAR CREEK	119.86	47,210	15,633	142,573
CEDAR CREEK	120.09	47,183	15,624	142,492
CEDAR CREEK	127.69	49,141	16,272	148,402
CEDAR CREEK	128.02	48,998	16,225	147,972
CEDAR CREEK	129.73	49,440	16,371	149,308
CEDAR CREEK	130.00	49,330	16,335	148,973
CEDAR CREEK	130.29	49,384	16,353	149,138
CEDAR CREEK	130.70	49,436	16,370	149,295
CEDAR CREEK	136.29	50,921	16,861	153,778
CEDAR CREEK	136.56	50,888	16,851	153,679
CEDAR CREEK	137.54	50,911	16,858	153,749
CEDAR CREEK	138.55	51,161	16,941	154,503
CEDAR CREEK	138.91	51,036	16,900	154,127
CEDAR CREEK	139.97	51,288	16,983	154,888
CEDAR CREEK	140.43	51,246	16,969	154,759
CEDAR CREEK	140.71	51,143	16,935	154,449
CEDAR CREEK	141.35	51,314	16,992	154,966
CEDAR CREEK	141.74	51,240	16,967	154,744
CEDAR CREEK	142.06	51,185	16,949	154,576
CEDAR CREEK	142.37	51,286	16,982	154,881
CEDAR CREEK	279.95	82,532	27,329	249,242



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
CEDAR CREEK	280.57	82,503	27,319	249,154
CEDAR CREEK	280.98	82,238	27,232	248,355
CEDAR CREEK	281.56	81,393	26,952	245,804
CEDAR CREEK	345.47	98,064	32,472	296,149
CEDAR CREEK	345.70	97,611	32,322	294,781
CEDAR CREEK	345.97	97,694	32,350	295,032
CEDAR CREEK	350.29	97,779	32,378	295,288
CEDAR CREEK	350.91	97,573	32,309	294,665
CEDAR CREEK	351.82	96,584	31,982	291,678
CEDAR CREEK	352.38	96,643	32,002	291,858
CEDAR HOLLOW CREEK	0.51	1,545	512	4,667
CEDAR HOLLOW CREEK	1.01	2,914	965	8,799
CEDAR HOLLOW CREEK	1.09	2,907	963	8,779
CEDAR HOLLOW CREEK	1.95	4,391	1,454	13,261
CEDAR HOLLOW CREEK	2.70	5,407	1,790	16,328
CEDAR HOLLOW CREEK	3.67	6,414	2,124	19,370
CEDAR HOLLOW CREEK	3.92	6,610	2,189	19,963
ELM CREEK	0.39	1,419	470	4,286
ELM CREEK	1.07	3,252	1,077	9,821
ELM CREEK	1.22	3,502	1,160	10,576
ELM CREEK	1.99	5,276	1,747	15,932
ELM CREEK	2.23	5,687	1,883	17,174
ELM CREEK	2.57	6,026	1,995	18,197
ELM CREEK	4.25	8,617	2,853	26,021
ELM CREEK	4.78	9,515	3,151	28,736
ELM CREEK	5.41	13,054	4,323	39,422
ELM CREEK	5.54	8,477	2,807	25,600
ELM CREEK	5.99	11,866	3,929	35,834
ELM CREEK	6.44	11,007	3,645	33,240
ELM CREEK	6.87	11,526	3,817	34,807
ELM CREEK	15.95	18,210	6,030	54,995
ELM CREEK	16.45	18,197	6,025	54,953
ELM CREEK	17.29	18,355	6,078	55,430
ELM CREEK	18.03	18,337	6,072	55,378
ELM CREEK	18.59	18,562	6,146	56,056
ELM CREEK	18.85	18,611	6,163	56,203
ELM CREEK	19.23	18,419	6,099	55,623
ELM CREEK	19.60	18,533	6,137	55,967
GREENES CREEK	1.45	2,530	838	7,640



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
GREENES CREEK	2.22	3,540	1,172	10,692
GREENES CREEK	3.31	4,880	1,616	14,738
GREENES CREEK	4.27	5,915	1,959	17,864
GREENES CREEK	4.79	6,471	2,143	19,542
GREENES CREEK	5.24	6,843	2,266	20,666
GREENES CREEK	5.35	6,869	2,275	20,745
HAGGAI CREEK	0.25	692	229	2,091
HAGGAI CREEK	0.56	1,417	469	4,278
HAGGAI CREEK	1.02	2,251	745	6,798
HAGGAI CREEK	1.84	3,311	1,096	9,998
HAGGAI CREEK	2.23	3,594	1,190	10,855
HOBBS CREEK	0.36	872	289	2,632
HOBBS CREEK	0.77	1,691	560	5,106
HOBBS CREEK	1.04	2,220	735	6,705
HOBBS CREEK	1.94	3,451	1,143	10,422
HOBBS CREEK	2.79	4,512	1,494	13,627
HOBBS CREEK	3.83	5,631	1,864	17,004
HOBBS CREEK	4.41	6,244	2,068	18,856
HOBBS CREEK	4.75	6,673	2,210	20,153
HOBBS CREEK	4.76	6,721	2,225	20,296
HOLLOW POOL	0.26	726	241	2,194
HOLLOW POOL	1.02	2,238	741	6,758
HOLLOW POOL	1.25	2,422	802	7,313
LENTZ BRANCH	0.44	1,587	526	4,793
LENTZ BRANCH	0.93	2,549	844	7,699
LENTZ BRANCH	1.40	3,528	1,168	10,654
LENTZ BRANCH	1.82	4,308	1,427	13,011
LENTZ BRANCH	2.59	3,101	1,027	9,364
LENTZ BRANCH	2.98	3,502	1,160	10,575
LENTZ BRANCH	3.15	9,510	3,149	28,718
LENTZ BRANCH	3.69	7,944	2,631	23,991
LENTZ BRANCH	4.03	7,786	2,578	23,512
LENTZ BRANCH	4.26	8,063	2,670	24,348
LENTZ BRANCH	4.40	8,281	2,742	25,008
LENTZ BRANCH	4.83	8,281	2,742	25,007
LENTZ BRANCH	5.47	8,738	2,893	26,387
LENTZ BRANCH	5.74	8,801	2,914	26,578
LENTZ BRANCH	6.03	9,123	3,021	27,552
LENTZ BRANCH	6.83	9,980	3,305	30,138



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
LENTZ BRANCH	7.02	10,082	3,339	30,448
LENTZ BRANCH	7.24	10,146	3,360	30,640
LENTZ BRANCH	7.49	10,115	3,349	30,547
LENTZ BRANCH	8.09	10,173	3,369	30,722
LENTZ BRANCH	9.18	10,763	3,564	32,503
LENTZ BRANCH	9.93	11,162	3,696	33,708
LENTZ BRANCH	10.09	11,312	3,746	34,163
LITTLE ALUM CREEK	0.70	1,778	589	5,371
LITTLE ALUM CREEK	1.09	2,370	785	7,158
LITTLE ALUM CREEK	1.90	3,474	1,150	10,492
LITTLE ALUM CREEK	2.20	3,841	1,272	11,599
LITTLE ALUM CREEK	2.30	3,897	1,290	11,769
LITTLE ALUM CREEK	2.89	4,502	1,491	13,596
LITTLE ALUM CREEK	3.23	4,796	1,588	14,484
LONG BRANCH	0.34	911	302	2,751
LONG BRANCH	1.08	2,166	717	6,541
LONG BRANCH	1.34	2,360	782	7,129
LONG BRANCH	2.22	3,391	1,123	10,239
LONG BRANCH	2.42	3,563	1,180	10,760
LONG BRANCH	3.07	4,273	1,415	12,905
LONG BRANCH	4.21	5,601	1,855	16,916
LONG BRANCH	4.59	8,036	2,661	24,269
LONG BRANCH	5.43	11,314	3,747	34,169
LONG BRANCH	5.58	6,376	2,111	19,255
LONG HOLLOW CREEK	0.23	542	179	1,636
LONG HOLLOW CREEK	1.75	3,040	1,007	9,182
LONG HOLLOW CREEK	2.35	3,827	1,267	11,558
LONG HOLLOW CREEK	3.66	5,606	1,856	16,930
LONG HOLLOW CREEK	5.09	6,098	2,019	18,415
LONG HOLLOW CREEK	5.85	5,280	1,748	15,945
LONG HOLLOW CREEK	6.14	5,579	1,847	16,849
LYTTON SPRINGS CREEK	0.47	915	303	2,763
LYTTON SPRINGS CREEK	0.69	1,283	425	3,876
LYTTON SPRINGS CREEK	1.01	1,756	581	5,303
LYTTON SPRINGS CREEK	1.12	1,923	637	5,807
LYTTON SPRINGS CREEK	1.35	2,257	747	6,815
LYTTON SPRINGS CREEK	1.55	2,452	812	7,406
LYTTON SPRINGS CREEK	1.86	2,877	953	8,688
LYTTON SPRINGS CREEK	2.04	3,122	1,034	9,429



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
LYTTON SPRINGS CREEK	2.49	3,518	1,165	10,625
LYTTON SPRINGS CREEK	2.81	3,823	1,266	11,545
LYTTON SPRINGS CREEK	3.59	4,424	1,465	13,360
LYTTON SPRINGS CREEK	4.70	5,595	1,853	16,895
LYTTON SPRINGS CREEK	12.41	15,021	4,974	45,362
MAHA CREEK	0.67	1,262	418	3,811
MAHA CREEK	2.38	3,737	1,237	11,286
MAHA CREEK	4.40	6,002	1,988	18,127
MAHA CREEK	5.80	6,875	2,277	20,763
MAHA CREEK	6.58	7,544	2,498	22,783
MAHA CREEK	7.29	8,009	2,652	24,187
MAHA CREEK	7.87	8,166	2,704	24,661
MAHA CREEK	8.42	8,303	2,750	25,076
MAHA CREEK	12.41	11,712	3,878	35,371
MAHA CREEK	12.86	11,479	3,801	34,665
MAHA CREEK	14.86	12,594	4,170	38,034
MAHA CREEK	16.09	12,870	4,262	38,866
MAHA CREEK	16.71	13,004	4,306	39,270
MAHA CREEK	17.71	13,018	4,311	39,314
MAHA CREEK	17.86	12,955	4,290	39,125
MAHA CREEK	18.70	13,160	4,358	39,742
MAHA CREEK	20.23	13,633	4,514	41,171
MAHA CREEK	21.39	14,353	4,753	43,346
MAHA CREEK	22.11	28,076	9,297	84,788
MAHA CREEK	22.50	14,723	4,875	44,463
MAHA CREEK	22.74	14,837	4,913	44,807
MAHA CREEK	23.13	14,940	4,947	45,118
MAHA CREEK	23.28	15,045	4,982	45,436
MAHA CREEK	23.77	15,131	5,010	45,694
MAHA CREEK	24.66	15,362	5,087	46,392
MAHA CREEK	24.80	15,410	5,103	46,538
MAHA CREEK	25.24	15,563	5,153	46,999
MAHA CREEK	25.63	15,674	5,190	47,336
MAHA CREEK	29.31	17,220	5,702	52,002
MAHA CREEK	29.62	17,377	5,754	52,479
MAHA CREEK	29.89	17,426	5,770	52,625
MAHA CREEK	30.38	17,477	5,787	52,780
MAHA CREEK	30.74	17,594	5,826	53,132
MAHA CREEK	31.17	17,798	5,893	53,749



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
MAHA CREEK	31.68	18,011	5,964	54,394
MAHA CREEK	32.31	18,212	6,030	54,998
MAHA CREEK	32.84	18,349	6,076	55,413
MAHA CREEK	33.32	18,626	6,168	56,249
MAHA CREEK	33.54	18,702	6,193	56,478
MAHA CREEK	33.82	18,782	6,219	56,720
MAHA CREEK	35.18	19,386	6,419	58,545
MAHA CREEK	35.67	20,226	6,698	61,083
MAHA CREEK	35.86	20,316	6,727	61,355
MAHA CREEK	37.21	20,892	6,918	63,094
MAHA CREEK	37.64	21,015	6,959	63,464
MAHA CREEK	38.77	21,488	7,115	64,892
MAHA CREEK	39.57	21,834	7,230	65,937
MAHA CREEK	39.74	21,986	7,280	66,397
PINEY CREEK	0.30	776	257	2,342
PINEY CREEK	0.52	1,249	413	3,771
PINEY CREEK	1.20	2,623	868	7,920
PINEY CREEK	1.43	2,968	983	8,962
PINEY CREEK	2.36	4,140	1,371	12,503
PINEY CREEK	2.72	4,612	1,527	13,929
PINEY CREEK	3.12	5,139	1,702	15,519
PINEY CREEK	3.24	5,208	1,725	15,728
PINEY CREEK	5.89	8,454	2,799	25,531
PINEY CREEK	6.10	8,527	2,824	25,752
PINEY CREEK	6.26	8,536	2,826	25,777
PINEY CREEK	7.21	9,524	3,154	28,761
PINEY CREEK	7.62	9,578	3,172	28,927
PINEY CREEK	8.23	9,936	3,290	30,008
PINEY CREEK	9.18	10,633	3,521	32,112
PINEY CREEK	9.30	10,491	3,474	31,683
PINEY CREEK	12.73	13,308	4,407	40,190
PINEY CREEK	13.57	13,858	4,589	41,851
PINEY CREEK	14.32	14,097	4,668	42,573
PINEY CREEK	14.74	14,406	4,770	43,505
PINEY CREEK	15.54	14,724	4,876	44,466
PINEY CREEK	16.27	14,651	4,852	44,247
PINEY CREEK	16.57	15,191	5,030	45,875
PINEY CREEK	16.73	14,848	4,917	44,841
PINEY CREEK	17.42	15,786	5,227	47,672



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
SANDY CREEK	0.45	1,488	493	4,495
SANDY CREEK	1.18	3,675	1,217	11,097
SANDY CREEK	1.67	4,638	1,536	14,007
SANDY CREEK	3.02	6,463	2,140	19,517
SANDY CREEK	3.79	7,393	2,448	22,327
SANDY CREEK	4.43	8,156	2,701	24,630
SANDY CREEK	6.40	10,263	3,399	30,995
SANDY CREEK	6.97	10,918	3,615	32,972
SANDY CREEK	7.40	11,168	3,698	33,726
SANDY CREEK	7.53	11,243	3,723	33,954
SANDY CREEK	9.25	13,144	4,352	39,693
SANDY CREEK	26.31	23,554	7,800	71,133
SANDY CREEK	27.26	23,997	7,946	72,469
SANDY CREEK	27.63	23,761	7,868	71,757
SANDY CREEK	28.17	24,118	7,986	72,835
SANDY CREEK	29.32	24,716	8,184	74,642
SANDY CREEK	29.82	24,422	8,087	73,753
SANDY CREEK	30.46	24,799	8,212	74,892
SANDY CREEK	31.45	25,292	8,375	76,380
SANDY CREEK	31.82	25,220	8,351	76,162
SANDY CREEK	32.30	25,398	8,410	76,702
SANDY CREEK	36.15	27,364	9,061	82,638
SANDY CREEK	38.71	28,549	9,454	86,218
SANDY CREEK	39.22	28,512	9,441	86,104
SANDY CREEK	39.52	28,664	9,492	86,564
SANDY CREEK	40.01	28,498	9,437	86,063
SANDY CREEK	57.62	38,485	12,743	116,222
SANDY CREEK	57.93	37,198	12,318	112,337
SANDY CREEK	59.17	37,518	12,423	113,302
SANDY CREEK	59.84	38,747	12,830	117,015
SANDY CREEK	60.42	38,598	12,781	116,566
SANDY CREEK	60.67	38,636	12,794	116,680
SANDY CREEK	63.82	40,016	13,251	120,847
SPRING BRANCH	0.57	2,115	700	6,388
SPRING BRANCH	1.16	3,398	1,125	10,261
SPRING BRANCH	1.64	4,013	1,329	12,119
UPPER ELM CREEK	0.62	2,066	684	6,239
UPPER ELM CREEK	0.85	2,552	845	7,707
UPPER ELM CREEK	1.61	4,239	1,404	12,803



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
UPPER ELM CREEK	2.39	5,866	1,943	17,716
UPPER ELM CREEK	2.60	6,163	2,041	18,613
UPPER ELM CREEK	2.94	6,560	2,172	19,812
UPPER ELM CREEK	3.57	7,068	2,340	21,345
UPPER ELM CREEK	3.67	7,124	2,359	21,516
UPPER ELM CREEK	3.99	7,436	2,462	22,456
UPPER ELM CREEK	6.30	10,849	3,593	32,764
UPPER ELM CREEK	6.49	11,051	3,659	33,375
UPPER ELM CREEK	6.95	11,192	3,706	33,799
UPPER ELM CREEK	7.14	11,323	3,749	34,194
UPPER ELM CREEK	8.05	11,657	3,860	35,203
UPPER ELM CREEK	8.32	11,671	3,865	35,245
UPPER ELM CREEK	8.58	11,908	3,943	35,963
UPPER ELM CREEK	8.96	11,720	3,881	35,394
WALNUT 0001	0.55	1,026	340	3,098
WALNUT 0002	0.27	698	231	2,108
WALNUT 0003	1.36	2,588	857	7,815
WALNUT 0003	2.08	3,584	1,187	10,825
WALNUT 0003	2.38	4,007	1,327	12,101
WALNUT 0003	2.96	4,910	1,626	14,828
WALNUT 0003	3.10	5,152	1,706	15,559
WALNUT 0008	0.31	977	323	2,950
WALNUT 0010	0.13	394	131	1,191
WALNUT 0011	0.13	617	204	1,863
WALNUT 0012	0.55	1,475	489	4,455
WALNUT 0013	0.13	635	210	1,918
WALNUT 0014	0.52	1,795	594	5,420
WALNUT 0021	0.31	1,200	397	3,623
WALNUT 0021	0.70	2,389	791	7,214
WALNUT 0022	0.32	1,222	404	3,689
WALNUT 0023	0.38	1,418	469	4,281
WALNUT 0024	0.39	1,372	454	4,144
WALNUT 0026	0.43	1,865	618	5,632
WALNUT 0028	0.19	775	257	2,342
WALNUT 0028	0.44	1,631	540	4,926
WALNUT 0029	0.19	917	304	2,770
WALNUT 0030	0.25	938	311	2,833
WALNUT 0030	0.50	1,696	562	5,122
WALNUT 0030	0.64	2,048	678	6,184



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WALNUT 0030	1.20	3,578	1,185	10,806
WALNUT 0031	0.23	858	284	2,591
WALNUT 0032	0.11	357	118	1,077
WALNUT 0033	0.53	1,864	617	5,630
WALNUT 0036	0.39	1,436	476	4,337
WALNUT 0038	0.34	1,027	340	3,103
WALNUT 0038	1.39	3,740	1,239	11,295
WALNUT 0039	0.34	1,223	405	3,693
WALNUT 0039	1.00	2,858	946	8,632
WALNUT 0040	0.42	1,556	515	4,700
WALNUT 0042	0.42	1,090	361	3,292
WALNUT 0042	0.56	1,408	466	4,253
WALNUT 0042	1.00	2,235	740	6,749
WALNUT 0042	1.02	2,241	742	6,767
WALNUT 0043	0.13	500	166	1,511
WALNUT 0044	0.14	472	156	1,427
WALNUT 0045	0.22	713	236	2,153
WALNUT 0045	0.65	1,674	554	5,055
WALNUT 0045	0.98	2,194	727	6,627
WALNUT 0046	0.09	261	86	788
WALNUT 0046	0.12	400	133	1,209
WALNUT 0047	0.03	117	39	354
WALNUT 0048	0.31	895	296	2,701
WALNUT 0049	0.59	1,390	460	4,198
WALNUT 0049	0.77	1,714	567	5,175
WALNUT 0049	0.93	2,058	681	6,214
WALNUT 0049	1.19	2,551	845	7,703
WALNUT 0049	1.90	3,582	1,186	10,818
WALNUT 0050	0.24	660	218	1,992
WALNUT 0051	0.11	517	171	1,562
WALNUT 0052	0.16	708	234	2,137
WALNUT 0053	0.14	531	176	1,602
WALNUT 0053	0.29	1,071	355	3,235
WALNUT 0054	0.15	529	175	1,599
WALNUT 0055	0.17	445	147	1,343
WALNUT 0056	0.45	1,248	413	3,768
WALNUT 0064	0.91	1,719	569	5,192
WALNUT 0066	0.75	1,826	605	5,515
WALNUT 0066	1.12	2,479	821	7,487



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WALNUT 0068	0.24	796	263	2,403
WALNUT 0069	0.23	754	250	2,278
WALNUT 0070	0.09	281	93	847
WALNUT 0071	0.35	1,029	341	3,108
WALNUT 0072	0.33	939	311	2,836
WALNUT 0073	1.00	2,286	757	6,905
WALNUT 0073	1.31	2,511	831	7,582
WALNUT 0073	1.51	2,810	931	8,487
WALNUT 0073	1.91	3,403	1,127	10,276
WALNUT 0074	0.19	593	196	1,792
WALNUT 0075	0.24	1,084	359	3,273
WALNUT 0076	0.22	756	250	2,283
WALNUT 0077	0.42	1,785	591	5,390
WALNUT 0080	0.93	2,376	787	7,175
WALNUT 0083	0.27	1,125	373	3,399
WALNUT 0084	0.76	2,348	777	7,091
WALNUT 0084	1.06	2,776	919	8,382
WALNUT 0084	1.07	2,753	912	8,315
WALNUT 0087	0.29	981	325	2,962
WALNUT 0087	0.77	2,140	709	6,464
WALNUT 0088	0.21	942	312	2,843
WALNUT 0089	0.44	1,883	624	5,687
WALNUT 0091	0.15	611	202	1,844
WALNUT 0092	0.17	640	212	1,932
WALNUT 0093	0.32	905	300	2,733
WALNUT 0094	0.14	511	169	1,542
WALNUT 0095	0.51	1,244	412	3,756
WALNUT 0095	0.73	1,701	563	5,137
WALNUT 0096	0.16	547	181	1,651
WALNUT 0097	0.31	1,009	334	3,048
WALNUT 0098	0.33	1,127	373	3,405
WALNUT 0099	0.12	482	160	1,456
WALNUT 0100	0.63	1,581	524	4,774
WALNUT 0100	1.05	2,378	787	7,181
WALNUT 0100	1.43	2,981	987	9,004
WALNUT 0100	1.43	2,945	975	8,895
WALNUT 0100	1.76	3,448	1,142	10,413
WALNUT 0100	2.02	3,820	1,265	11,537
WALNUT 0100	2.08	3,928	1,301	11,861



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WALNUT 0100	2.08	3,899	1,291	11,774
WALNUT 0100	2.22	4,010	1,328	12,111
WALNUT 0101	0.24	781	259	2,358
WALNUT 0102	0.31	884	293	2,669
WALNUT 0103	0.25	828	274	2,502
WALNUT 0104	0.13	420	139	1,267
WALNUT 0105	0.22	755	250	2,279
WALNUT 0110	0.27	1,008	334	3,043
WALNUT 0110	0.82	2,403	796	7,258
WALNUT 0110	3.16	5,757	1,906	17,385
WALNUT 0112	0.32	1,199	397	3,620
WALNUT 0113	0.66	1,814	601	5,479
WALNUT 0113	1.04	2,476	820	7,477
WALNUT 0113	1.58	3,490	1,156	10,540
WALNUT 0113	1.84	3,742	1,239	11,301
WALNUT 0113	2.24	4,316	1,429	13,036
WALNUT 0113	2.31	4,313	1,428	13,026
WALNUT 0115	0.24	904	299	2,729
WALNUT 0116	0.12	447	148	1,349
WALNUT 0116	0.23	859	285	2,595
WALNUT 0117	0.11	382	127	1,154
WALNUT 0118	0.33	820	272	2,477
WALNUT 0119	0.12	486	161	1,468
WALNUT 0119	0.28	945	313	2,855
WALNUT 0120	0.14	504	167	1,523
WALNUT 0121	0.23	772	256	2,332
WALNUT 0122	0.30	779	258	2,353
WALNUT 0123	0.66	1,641	543	4,955
WALNUT 0125	0.16	557	184	1,682
WALNUT 0126	0.21	796	264	2,405
WALNUT 0127	0.21	787	260	2,376
WALNUT 0127	0.40	1,128	373	3,405
WALNUT 0127	0.67	1,719	569	5,191
WALNUT 0128	0.15	482	160	1,456
WALNUT 0129	0.24	900	298	2,717
WALNUT 0130	0.34	845	280	2,551
WALNUT 0131	0.63	1,848	612	5,582
WALNUT 0133	0.38	1,120	371	3,382
WALNUT 0134	0.31	1,022	338	3,087



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WALNUT 0134	0.40	1,204	399	3,636
WALNUT 0134	0.79	1,986	658	5,997
WALNUT 0134	1.26	2,815	932	8,500
WALNUT 0134	1.91	3,940	1,305	11,897
WALNUT 0134	2.18	4,214	1,395	12,725
WALNUT 0134	2.48	4,462	1,477	13,474
WALNUT 0135	0.02	68	23	207
WALNUT 0137	0.39	1,045	346	3,156
WALNUT 0138	0.23	713	236	2,153
WALNUT 0139	0.13	398	132	1,203
WALNUT 0140	0.11	309	102	932
WALNUT 0141	0.41	1,036	343	3,129
WALNUT 0141	0.92	2,017	668	6,093
WALNUT 0142	0.28	830	275	2,508
WALNUT 0143	0.53	1,690	560	5,103
WALNUT 0144	0.60	1,736	575	5,243
WALNUT 0145	0.38	1,081	358	3,264
WALNUT 0145	0.79	1,892	627	5,715
WALNUT 0148	0.02	79	26	237
WALNUT 0153	0.29	1,087	360	3,283
WALNUT 0155	0.16	732	242	2,211
WALNUT 0156	0.27	858	284	2,592
WALNUT 0159	0.12	533	176	1,609
WALNUT 0160	0.68	1,749	579	5,282
WALNUT 0160	1.02	2,615	866	7,897
WALNUT 0160	1.04	2,596	860	7,839
WALNUT 0162	0.19	593	196	1,790
WALNUT 0163	0.44	1,328	440	4,011
WALNUT 0165	0.35	1,166	386	3,523
WALNUT 0166	0.23	718	238	2,167
WALNUT 0167	0.26	1,011	335	3,054
WALNUT 0167	0.46	1,697	562	5,125
WALNUT 0168	0.17	634	210	1,913
WALNUT 0169	0.89	2,319	768	7,003
WALNUT 0171	0.63	1,819	602	5,494
WALNUT 0172	0.38	1,476	489	4,458
WALNUT 0174	0.88	2,102	696	6,348
WALNUT 0180	0.49	1,391	461	4,202
WALNUT 0181	0.19	625	207	1,888



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WALNUT 0183	0.31	949	314	2,867
WALNUT 0184	0.12	462	153	1,396
WALNUT 0185	0.77	2,202	729	6,650
WALNUT 0187	0.20	834	276	2,519
WALNUT 0188	0.15	436	144	1,318
WALNUT 0190	0.36	1,056	350	3,188
WALNUT 0193	0.42	1,145	379	3,457
WALNUT 0194	0.38	1,243	411	3,752
WALNUT 0195	0.27	839	278	2,535
WALNUT 0195	0.58	1,530	507	4,620
WALNUT 0196	0.11	477	158	1,439
WALNUT 0198	0.29	939	311	2,836
WALNUT 0199	0.12	506	167	1,527
WALNUT 0200	0.17	603	200	1,821
WALNUT 0201	0.22	735	243	2,219
WALNUT 0202	0.10	421	140	1,273
WALNUT 0202	0.49	1,553	514	4,690
WALNUT 0203	0.17	636	211	1,922
WALNUT 0204	0.17	608	201	1,836
WALNUT 0205	0.27	847	281	2,559
WALNUT 0206	0.17	559	185	1,689
WALNUT 0207	0.12	397	131	1,199
WALNUT 0208	0.63	1,944	644	5,870
WALNUT 0211	0.29	1,036	343	3,130
WALNUT 0219	0.55	1,315	435	3,970
WALNUT 0221	0.49	1,438	476	4,344
WALNUT 0223	0.37	1,134	375	3,425
WALNUT 0224	0.42	1,228	407	3,709
WALNUT 0224	0.67	1,849	612	5,583
WALNUT 0225	0.15	622	206	1,877
WALNUT 0226	0.53	1,422	471	4,294
WALNUT 0227	0.15	499	165	1,508
WALNUT 0229	0.51	1,449	480	4,376
WALNUT 0229	2.01	4,108	1,360	12,406
WALNUT 0229	2.20	4,363	1,445	13,177
WALNUT 0229	2.51	4,607	1,525	13,913
WALNUT 0229	3.20	5,538	1,834	16,725
WALNUT 0229	3.50	5,830	1,931	17,607
WALNUT 0229	4.50	6,706	2,221	20,252



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WALNUT 0229	4.61	6,825	2,260	20,611
WALNUT 0230	0.62	1,587	525	4,792
WALNUT 0231	0.12	430	142	1,299
WALNUT 0232	0.22	652	216	1,969
WALNUT 0233	0.19	613	203	1,852
WALNUT 0234	0.15	535	177	1,617
WALNUT 0234	0.70	2,035	674	6,145
WALNUT 0235	0.34	1,105	366	3,336
WALNUT 0235	0.55	1,612	534	4,867
WALNUT 0236	0.17	572	189	1,727
WALNUT 0237	0.21	676	224	2,043
WALNUT 0237	0.47	1,398	463	4,222
WALNUT 0238	0.18	714	236	2,156
WALNUT 0239	0.24	727	241	2,195
WALNUT 0240	0.45	1,451	480	4,381
WALNUT 0243	0.18	738	245	2,230
WALNUT 0244	0.21	716	237	2,161
WALNUT 0244	0.50	1,532	507	4,625
WALNUT 0245	0.13	479	159	1,446
WALNUT 0246	0.40	1,272	421	3,842
WALNUT 0247	0.34	974	323	2,942
WALNUT 0250	0.18	702	232	2,120
WALNUT 0251	0.26	1,035	343	3,127
WALNUT 0251	0.75	2,487	824	7,512
WALNUT 0252	0.19	724	240	2,186
WALNUT 0252	0.33	1,222	405	3,690
WALNUT 0253	0.14	603	200	1,821
WALNUT 0254	0.13	453	150	1,369
WALNUT 0255	0.17	562	186	1,697
WALNUT 0256	0.32	1,134	376	3,426
WALNUT 0257	0.15	546	181	1,650
WALNUT 0258	0.20	663	220	2,004
WALNUT 0259	0.28	969	321	2,927
WALNUT 0260	0.30	1,067	353	3,223
WALNUT 0260	1.08	2,787	923	8,417
WALNUT 0260	1.36	3,114	1,031	9,405
WALNUT 0260	1.40	3,083	1,021	9,309
WALNUT 0260	1.88	3,810	1,261	11,505
WALNUT 0260	2.02	4,041	1,338	12,202



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WALNUT 0260	2.30	4,356	1,442	13,154
WALNUT 0261	0.50	1,525	505	4,606
WALNUT 0262	0.12	414	137	1,250
WALNUT 0263	0.19	641	212	1,934
WALNUT 0264	0.32	941	312	2,842
WALNUT 0265	0.17	628	208	1,897
WALNUT 0268	0.25	831	275	2,509
WALNUT 0269	0.12	430	142	1,299
WALNUT 0270	0.12	465	154	1,405
WALNUT 0271	0.78	2,423	802	7,319
WALNUT 0271	1.00	2,975	985	8,983
WALNUT 0271	1.16	3,131	1,037	9,456
WALNUT 0271	1.40	3,513	1,163	10,609
WALNUT 0272	0.19	654	217	1,976
WALNUT 0273	0.11	457	151	1,379
WALNUT 0274	0.13	487	161	1,470
WALNUT 0275	0.74	1,976	654	5,967
WALNUT 0276	0.20	880	291	2,657
WALNUT 0276	0.49	1,930	639	5,828
WALNUT 0277	0.26	1,063	352	3,211
WALNUT 0279	0.11	440	146	1,330
WALNUT 0280	0.13	452	150	1,366
WALNUT 0282	0.47	1,199	397	3,621
WALNUT 0284	0.19	678	224	2,047
WALNUT 0284	0.38	1,222	405	3,691
WALNUT 0285	0.15	547	181	1,652
WALNUT 0286	0.24	790	262	2,387
WALNUT 0287	0.19	691	229	2,088
WALNUT 0288	0.43	1,245	412	3,760
WALNUT 0290	0.27	795	263	2,402
WALNUT 0291	0.49	1,274	422	3,849
WALNUT 0293	0.15	553	183	1,671
WALNUT 0294	0.40	1,126	373	3,401
WALNUT 0295	0.67	1,318	436	3,980
WALNUT 0295	1.13	2,034	674	6,144
WALNUT 0295	1.29	2,258	748	6,818
WALNUT 0295	1.57	2,627	870	7,935
WALNUT 0295	1.80	2,974	985	8,980
WALNUT 0295	2.63	4,025	1,333	12,157



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WALNUT 0295	3.66	4,933	1,634	14,898
WALNUT 0295	5.74	7,131	2,361	21,535
WALNUT 0295	8.77	10,117	3,350	30,554
WALNUT 0295	9.08	10,509	3,480	31,736
WALNUT 0295	9.49	10,757	3,562	32,487
WALNUT 0295	9.70	10,768	3,566	32,520
WALNUT 0295	9.73	10,751	3,560	32,468
WALNUT 0295	10.22	11,010	3,646	33,249
WALNUT 0295	10.76	11,359	3,761	34,304
WALNUT 0295	11.60	11,666	3,863	35,229
WALNUT 0295	11.82	11,777	3,900	35,566
WALNUT 0295	12.36	11,985	3,969	36,194
WALNUT 0295	12.66	12,177	4,032	36,775
WALNUT 0295	13.25	12,551	4,156	37,903
WALNUT 0295	13.56	12,733	4,216	38,454
WALNUT 0295	13.67	12,652	4,189	38,207
WALNUT 0295	14.08	12,765	4,227	38,551
WALNUT 0295	14.89	12,928	4,281	39,042
WALNUT 0295	15.31	13,232	4,381	39,959
WALNUT 0296	0.13	534	177	1,614
WALNUT 0297	0.23	654	217	1,976
WALNUT 0298	0.14	457	151	1,381
WALNUT 0302	0.25	572	189	1,728
WALNUT 0303	0.20	576	191	1,739
WALNUT 0304	0.58	1,104	366	3,335
WALNUT 0306	0.26	829	274	2,502
WALNUT 0306	0.45	1,372	454	4,144
WALNUT 0306	0.74	1,895	627	5,723
WALNUT 0306	0.98	2,315	767	6,992
WALNUT 0306	1.20	2,665	882	8,048
WALNUT 0306	2.06	3,579	1,185	10,809
WALNUT 0307	0.14	505	167	1,526
WALNUT 0308	0.10	353	117	1,067
WALNUT 0309	0.19	665	220	2,008
WALNUT 0310	0.22	668	221	2,017
WALNUT 0311	0.41	1,073	355	3,240
WALNUT 0313	0.72	1,560	516	4,710
WALNUT 0313	1.24	2,445	810	7,383
WALNUT 0313	1.73	3,084	1,021	9,314



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WALNUT 0313	2.66	4,108	1,360	12,405
WALNUT 0313	2.97	4,488	1,486	13,554
WALNUT 0315	0.36	959	318	2,896
WALNUT 0316	0.30	756	250	2,282
WALNUT 0317	0.30	921	305	2,781
WALNUT 0319	0.12	471	156	1,422
WALNUT 0320	0.17	567	188	1,711
WALNUT 0321	0.36	1,030	341	3,111
WALNUT 0322	0.21	738	244	2,230
WALNUT 0323	0.47	1,243	411	3,752
WALNUT 0324	0.37	1,076	356	3,250
WALNUT 0326	0.49	1,349	447	4,074
WALNUT 0327	0.16	652	216	1,970
WALNUT 0328	0.50	1,224	405	3,695
WALNUT 0329	0.27	858	284	2,592
WALNUT 0330	0.20	845	280	2,553
WALNUT 0331	0.49	1,355	449	4,092
WALNUT 0332	0.32	928	307	2,802
WALNUT 0333	0.17	516	171	1,559
WALNUT 0334	0.10	411	136	1,240
WALNUT 0335	0.22	745	247	2,249
WALNUT 0336	0.40	1,143	378	3,451
WALNUT 0337	0.11	354	117	1,068
WALNUT 0338	0.26	781	259	2,359
WALNUT 0340	0.17	566	188	1,711
WALNUT 0341	0.28	914	303	2,761
WALNUT 0343	0.83	2,107	698	6,364
WALNUT 0343	1.02	2,404	796	7,260
WALNUT 0343	1.19	2,537	840	7,661
WALNUT 0343	1.50	2,991	990	9,032
WALNUT 0349	0.12	409	135	1,235
WALNUT 0349	0.38	1,165	386	3,518
WALNUT 0350	0.14	459	152	1,385
WALNUT 0350	0.26	818	271	2,469
WALNUT 0351	0.12	414	137	1,252
WALNUT 0352	0.88	1,717	568	5,184
WALNUT 0352	0.88	1,713	567	5,172
WALNUT 0352	1.12	2,142	709	6,470
WALNUT 0354	0.16	544	180	1,642



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WALNUT 0355	0.15	536	178	1,620
WALNUT 0355	1.14	2,521	835	7,613
WALNUT 0356	0.34	931	308	2,811
WALNUT 0356	0.99	2,208	731	6,667
WALNUT 0357	0.18	567	188	1,712
WALNUT 0358	0.16	533	177	1,610
WALNUT 0359	0.39	981	325	2,961
WALNUT 0360	0.65	1,609	533	4,859
WALNUT 0362	0.50	1,190	394	3,593
WALNUT 0363	0.49	1,144	379	3,454
WALNUT 0364	0.47	1,228	406	3,707
WALNUT 0366	0.39	964	319	2,911
WALNUT 0367	0.14	503	167	1,520
WALNUT 0367	0.32	1,052	348	3,177
WALNUT 0368	0.08	322	107	972
WALNUT 0372	1.07	2,306	764	6,965
WALNUT 0372	1.96	3,388	1,122	10,233
WALNUT 0372	2.65	3,892	1,289	11,754
WALNUT 0378	0.17	451	149	1,363
WALNUT 0379	0.14	476	158	1,439
WALNUT 0380	0.10	429	142	1,296
WALNUT 0381	0.39	889	295	2,686
WALNUT 0381	0.99	2,040	675	6,159
WALNUT 0381	1.37	2,610	864	7,883
WALNUT 0381	1.39	2,564	849	7,744
WALNUT 0382	0.35	830	275	2,506
WALNUT 0383	0.30	727	241	2,197
WALNUT 0384	0.25	669	222	2,021
WALNUT 0385	0.10	373	123	1,126
WALNUT 0386	0.24	705	233	2,128
WALNUT 0387	0.13	480	159	1,450
WALNUT 0388	1.00	2,228	738	6,728
WALNUT 0388	1.30	2,684	889	8,106
WALNUT 0388	1.73	3,244	1,074	9,798
WALNUT 0390	0.48	1,193	395	3,601
WALNUT 0390	0.70	1,556	515	4,700
WALNUT 0390	0.90	1,939	642	5,857
WALNUT 0391	0.12	405	134	1,222
WALNUT 0392	0.16	591	196	1,784



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WALNUT 0393	0.22	725	240	2,191
WALNUT 0393	0.49	1,475	488	4,454
WALNUT 0394	0.21	660	219	1,994
WALNUT 0395	0.23	763	253	2,304
WALNUT 0395	0.74	1,891	626	5,711
WALNUT 0396	0.29	928	307	2,802
WALNUT 0398	1.00	2,187	724	6,605
WALNUT 0400	0.12	479	159	1,447
WALNUT 0400	0.25	832	275	2,512
WALNUT 0401	0.11	367	121	1,108
WALNUT 0402	0.06	275	91	830
WALNUT 0403	0.45	1,192	395	3,601
WALNUT 0404	0.27	860	285	2,597
WALNUT 0405	0.54	1,367	453	4,127
WALNUT 0407	0.20	551	182	1,664
WALNUT 0408	0.30	816	270	2,466
WALNUT 0410	0.24	839	278	2,533
WALNUT 0411	0.16	592	196	1,789
WALNUT 0412	0.24	789	261	2,383
WALNUT 0413	0.37	1,078	357	3,256
WALNUT 0414	0.30	826	274	2,495
WALNUT 0415	0.31	883	292	2,666
WALNUT 0416	0.47	1,181	391	3,568
WALNUT 0416	0.84	1,854	614	5,598
WALNUT 0416	1.18	2,340	775	7,068
WALNUT 0417	0.22	676	224	2,042
WALNUT 0418	0.18	579	192	1,749
WALNUT 0421	0.24	774	256	2,336
WALNUT 0422	0.21	642	213	1,939
WALNUT 0424	0.23	693	229	2,091
WALNUT 0425	0.25	813	269	2,455
WALNUT 0426	0.24	749	248	2,263
WALNUT 0427	0.23	669	222	2,022
WALNUT 0428	0.22	759	251	2,292
WALNUT 0430	0.24	764	253	2,306
WALNUT 0432	0.14	506	168	1,528
WALNUT 0433	0.26	766	254	2,313
WALNUT 0433	0.79	1,823	604	5,504
WALNUT 0434	0.35	922	305	2,786



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WALNUT 0435	0.39	1,100	364	3,321
WALNUT 0436	0.37	978	324	2,954
WALNUT 0436	1.17	2,432	805	7,344
WALNUT 0436	1.44	2,734	905	8,255
WALNUT 0440	0.33	905	300	2,734
WALNUT 0440	1.54	2,825	935	8,530
WALNUT 0441	0.67	1,475	488	4,455
WALNUT 0442	0.40	1,213	402	3,663
WALNUT 0443	0.60	1,680	556	5,073
WALNUT 0444	0.26	679	225	2,049
WALNUT 0446	0.41	1,377	456	4,160
WALNUT 0447	0.52	1,531	507	4,623
WALNUT 0448	0.18	673	223	2,033
WALNUT 0449	0.28	1,013	335	3,059
WALNUT 0450	0.55	1,656	548	5,000
WALNUT 0452	0.17	623	206	1,882
WALNUT 0457	1.22	2,716	899	8,203
WALNUT 0460	0.26	898	297	2,712
WALNUT 0460	0.49	1,341	444	4,049
WALNUT 0462	0.81	1,930	639	5,828
WALNUT 0464	0.14	604	200	1,824
WALNUT 0465	0.32	1,030	341	3,110
WALNUT 0469	0.43	1,306	432	3,943
WALNUT 0469	0.50	1,413	468	4,268
WALNUT 0471	0.41	1,341	444	4,049
WALNUT 0472	0.11	495	164	1,495
WALNUT 0472	0.23	886	293	2,677
WALNUT 0473	0.21	731	242	2,208
WALNUT 0474	1.35	3,098	1,026	9,355
WALNUT 0474	1.69	3,472	1,150	10,486
WALNUT 0474	2.53	4,618	1,529	13,946
WALNUT 0476	0.74	1,827	605	5,517
WALNUT 0477	0.33	1,170	387	3,533
WALNUT 0478	0.24	859	284	2,593
WALNUT 0479	0.12	474	157	1,432
WALNUT 0480	0.11	427	141	1,290
WALNUT 0481	0.25	943	312	2,847
WALNUT 0482	0.64	1,691	560	5,107
WALNUT 0484	0.11	394	131	1,191



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WALNUT 0484	0.71	1,710	566	5,164
WALNUT 0485	0.26	792	262	2,393
WALNUT 0487	0.37	1,018	337	3,074
WALNUT 0488	0.27	793	263	2,396
WALNUT 0493	0.13	490	162	1,481
WALNUT 0494	0.21	687	227	2,073
WALNUT 0495	0.28	1,011	335	3,054
WALNUT 0496	1.03	2,038	675	6,154
WALNUT 0496	2.26	3,627	1,201	10,954
WALNUT 0496	3.35	4,945	1,638	14,935
WALNUT 0496	3.51	5,088	1,685	15,366
WALNUT 0496	6.07	7,889	2,612	23,824
WALNUT 0496	7.29	8,780	2,907	26,517
WALNUT 0502	0.40	1,173	388	3,541
WALNUT 0504	1.18	2,354	779	7,108
WALNUT 0504	1.96	3,553	1,176	10,729
WALNUT 0504	2.22	3,904	1,293	11,791
WALNUT 0508	0.70	1,888	625	5,701
WALNUT 0509	1.03	2,202	729	6,649
WALNUT 0509	1.35	2,694	892	8,135
WALNUT 0509	1.55	3,007	996	9,080
WALNUT 0513	0.18	501	166	1,512
WALNUT 0514	0.14	492	163	1,486
WALNUT 0515	0.23	714	237	2,157
WALNUT 0516	0.29	896	297	2,706
WALNUT 0517	0.60	1,358	450	4,102
WALNUT 0519	0.48	1,398	463	4,223
WALNUT 0521	0.16	579	192	1,748
WALNUT 0521	0.49	1,615	535	4,878
WALNUT 0522	0.32	1,062	352	3,207
WALNUT 0523	0.27	902	299	2,723
WALNUT 0524	0.45	1,301	431	3,929
WALNUT 0525	0.27	915	303	2,762
WALNUT 0526	0.33	987	327	2,980
WALNUT 0527	0.23	792	262	2,393
WALNUT 0528	0.25	885	293	2,674
WALNUT 0529	0.27	841	279	2,541
WALNUT 0529	0.57	1,409	467	4,255
WALNUT 0529	2.45	3,432	1,136	10,365



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WALNUT 0529	2.83	3,757	1,244	11,345
WALNUT 0529	3.19	4,082	1,352	12,327
WALNUT 0529	3.39	4,288	1,420	12,948
WALNUT 0530	1.06	1,837	608	5,547
WALNUT 0531	0.24	851	282	2,570
WALNUT 0533	0.21	614	203	1,856
WALNUT 0537	0.11	419	139	1,265
WALNUT 0538	0.16	593	196	1,790
WALNUT 0538	0.47	1,369	453	4,135
WALNUT 0539	0.15	578	191	1,746
WALNUT 0540	0.31	1,010	334	3,050
WALNUT 0541	0.33	972	322	2,935
WALNUT 0541	3.68	3,686	1,221	11,133
WALNUT 0542	3.24	3,288	1,089	9,930
WALNUT 0543	0.39	1,140	378	3,443
WALNUT 0544	0.65	1,704	564	5,147
WALNUT 0544	1.49	3,621	1,199	10,936
WALNUT 0544	2.83	2,934	971	8,860
WALNUT 0546	0.31	854	283	2,579
WALNUT 0547	0.39	1,174	389	3,546
WALNUT 0548	0.22	555	184	1,675
WALNUT 0549	0.52	990	328	2,991
WALNUT 0550	1.02	2,030	672	6,132
WALNUT 0551	0.44	1,055	349	3,186
WALNUT 0551	0.99	2,174	720	6,566
WALNUT 0552	0.30	682	226	2,060
WALNUT 0552	0.51	1,084	359	3,273
WALNUT 0553	0.17	546	181	1,648
WALNUT 0555	0.88	2,282	756	6,891
WALNUT 0555	1.56	3,261	1,080	9,848
WALNUT 0557	0.38	1,105	366	3,339
WALNUT 0558	0.23	661	219	1,996
WALNUT 0559	0.25	559	185	1,687
WALNUT 0559	0.44	954	316	2,882
WALNUT 0560	0.19	462	153	1,395
WALNUT 0562	0.38	768	254	2,321
WALNUT 0562	0.78	1,437	476	4,340
WALNUT 0563	0.28	737	244	2,225
WALNUT 0564	0.15	544	180	1,644



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WALNUT 0564	0.78	1,854	614	5,598
WALNUT 0565	0.32	1,061	351	3,205
WALNUT 0566	0.24	481	159	1,451
WALNUT 0567	0.30	764	253	2,308
WALNUT 0568	0.50	1,072	355	3,238
WALNUT 0568	1.08	1,803	597	5,444
WALNUT 0568	1.86	2,703	895	8,164
WALNUT 0568	2.13	2,992	991	9,037
WALNUT 0570	0.29	629	208	1,900
WALNUT 0571	0.13	362	120	1,092
WALNUT 0572	0.11	305	101	922
WALNUT 0573	0.24	609	202	1,840
WALNUT 0574	0.34	1,005	333	3,036
WALNUT 0575	0.24	628	208	1,895
WALNUT 0576	0.24	640	212	1,932
WALNUT 0577	0.28	720	238	2,174
WALNUT 0578	0.14	458	152	1,383
WALNUT 0579	0.29	767	254	2,316
WALNUT 0581	0.34	792	262	2,391
WALNUT 0582	0.18	591	196	1,786
WALNUT 0583	0.24	734	243	2,216
WALNUT 0584	0.28	743	246	2,245
WALNUT 0585	0.59	1,379	457	4,165
WALNUT 0587	0.24	784	260	2,368
WALNUT 0587	0.50	1,575	521	4,755
WALNUT 0588	0.23	850	282	2,567
WALNUT 0589	0.20	638	211	1,927
WALNUT 0590	0.65	1,631	540	4,927
WALNUT 0590	0.92	2,100	695	6,341
WALNUT 0592	0.14	492	163	1,487
WALNUT 0593	0.15	628	208	1,897
WALNUT 0594	0.25	734	243	2,217
WALNUT 0594	0.94	2,346	777	7,084
WALNUT 0595	0.17	578	191	1,745
WALNUT 0596	0.24	742	246	2,241
WALNUT 0597	0.18	553	183	1,671
WALNUT 0598	0.23	742	246	2,242
WALNUT 0599	1.00	2,200	729	6,645
WALNUT 0599	1.04	2,316	767	6,994



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WALNUT 0599	1.32	2,816	932	8,504
WALNUT 0599	1.94	3,823	1,266	11,546
WALNUT 0600	0.25	811	269	2,450
WALNUT 0603	0.24	846	280	2,554
WALNUT 0604	0.73	1,651	547	4,986
WALNUT 0604	1.11	2,462	815	7,436
WALNUT 0605	0.28	810	268	2,446
WALNUT 0606	0.27	830	275	2,507
WALNUT 0606	0.91	2,014	667	6,081
WALNUT 0606	2.09	3,867	1,280	11,678
WALNUT 0607	0.43	1,082	358	3,269
WALNUT 0608	0.17	551	182	1,663
WALNUT 0608	0.47	1,317	436	3,978
WALNUT 0609	0.15	472	156	1,427
WALNUT 0609	0.25	752	249	2,270
WALNUT 0610	0.09	319	106	964
WALNUT 0611	0.58	1,524	504	4,601
WALNUT 0612	0.30	1,042	345	3,146
WALNUT 0613	0.56	1,464	485	4,422
WALNUT 0613	1.16	2,678	887	8,088
WALNUT 0614	0.55	1,374	455	4,151
WALNUT 0615	0.45	993	329	2,999
WALNUT 0616	0.31	920	305	2,779
WALNUT 0617	0.20	707	234	2,134
WALNUT 0618	0.10	402	133	1,215
WALNUT 0620	0.21	613	203	1,852
WALNUT 0621	0.12	393	130	1,187
WALNUT 0622	0.03	147	49	445
WALNUT 0622	0.06	338	112	1,019
WALNUT 0623	0.02	102	34	308
WALNUT 0624	0.14	429	142	1,295
WALNUT 0625	0.18	482	160	1,457
WALNUT 0626	0.10	385	127	1,163
WALNUT 0627	0.14	402	133	1,214
WALNUT 0628	0.18	597	198	1,802
WALNUT 0628	1.01	2,110	699	6,373
WALNUT 0628	1.03	2,118	701	6,395
WALNUT 0629	0.15	598	198	1,806
WALNUT 0630	0.43	959	318	2,896



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WALNUT 0631	0.25	715	237	2,158
WALNUT 0631	0.35	920	305	2,778
WALNUT 0631	0.76	1,157	383	3,495
WALNUT 0631	1.61	2,270	752	6,854
WALNUT 0631	2.26	4,327	1,433	13,066
WALNUT 0631	2.57	4,571	1,514	13,804
WALNUT 0631	3.41	5,543	1,835	16,738
WALNUT 0631	3.61	5,672	1,878	17,130
WALNUT 0631	3.76	5,786	1,916	17,472
WALNUT 0631	3.90	5,854	1,939	17,680
WALNUT 0633	0.30	788	261	2,380
WALNUT 0635	0.08	231	77	698
WALNUT 0636	0.11	349	116	1,054
WALNUT 0638	0.35	955	316	2,883
WALNUT 0639	0.23	612	203	1,847
WALNUT 0639	0.60	1,217	403	3,676
WALNUT 0640	0.56	1,285	425	3,881
WALNUT 0641	0.18	501	166	1,514
WALNUT 0642	0.32	915	303	2,763
WALNUT 0642	0.67	1,741	576	5,256
WALNUT 0643	0.33	801	265	2,419
WALNUT 0644	0.13	406	134	1,225
WALNUT 0645	0.07	257	85	777
WALNUT 0646	0.38	782	259	2,362
WALNUT 0647	0.65	1,670	553	5,043
WALNUT 0647	1.11	2,670	884	8,064
WALNUT 0647	1.60	3,467	1,148	10,470
WALNUT 0647	2.02	4,227	1,400	12,766
WALNUT 0647	2.37	4,474	1,482	13,512
WALNUT 0647	2.93	5,172	1,713	15,620
WALNUT 0648	0.40	1,300	431	3,926
WALNUT 0649	0.36	945	313	2,855
WALNUT 0650	0.41	1,012	335	3,056
WALNUT 0651	0.15	400	133	1,209
WALNUT 0653	0.55	1,134	376	3,425
WALNUT 0654	0.11	276	91	834
WALNUT 0654	0.53	905	300	2,734
WALNUT 0655	0.29	524	173	1,581
WALNUT 0656	0.35	1,200	397	3,624



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WALNUT 0657	0.39	1,297	430	3,917
WALNUT 0658	0.38	1,284	425	3,877
WALNUT 0658	0.50	1,585	525	4,788
WALNUT 0659	0.09	336	111	1,014
WALNUT 0660	0.60	1,333	442	4,027
WALNUT 0663	0.52	1,432	474	4,325
WALNUT 0663	1.00	2,302	762	6,951
WALNUT 0663	1.03	2,282	756	6,892
WALNUT 0663	1.27	2,714	899	8,196
WALNUT 0664	0.15	519	172	1,568
WALNUT 0665	0.22	500	166	1,510
WALNUT 0666	0.48	1,172	388	3,539
WALNUT 0668	0.41	1,000	331	3,020
WALNUT 0668	1.51	2,718	900	8,208
WALNUT 0669	0.79	1,688	559	5,097
WALNUT 0669	1.00	2,038	675	6,156
WALNUT 0670	0.17	440	146	1,327
WALNUT 0671	0.77	1,564	518	4,723
WALNUT 0672	0.13	410	136	1,239
WALNUT 0673	0.22	687	228	2,076
WALNUT 0674	0.34	884	293	2,671
WALNUT 0674	0.77	1,832	607	5,533
WALNUT 0675	0.15	414	137	1,249
WALNUT 0676	0.21	689	228	2,080
WALNUT 0676	1.00	2,222	736	6,711
WALNUT 0676	1.06	2,258	748	6,820
WALNUT 0676	1.25	2,597	860	7,844
WALNUT 0676	3.32	5,860	1,940	17,696
WALNUT 0677	0.44	1,099	364	3,318
WALNUT 0678	0.18	558	185	1,686
WALNUT 0679	0.17	516	171	1,557
WALNUT 0679	0.44	1,187	393	3,586
WALNUT 0679	1.95	3,706	1,227	11,190
WALNUT 0680	0.17	477	158	1,440
WALNUT 0681	1.26	2,642	875	7,979
WALNUT 0681	1.27	2,655	879	8,017
WALNUT 0684	0.47	1,298	430	3,921
WALNUT 0685	0.11	377	125	1,138
WALNUT 0686	0.54	1,146	379	3,460



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WALNUT 0686	0.68	1,413	468	4,267
WALNUT 0686	0.87	1,785	591	5,391
WALNUT 0686	1.26	2,423	802	7,318
WALNUT 0686	1.45	2,764	915	8,347
WALNUT 0686	2.03	3,331	1,103	10,061
WALNUT 0686	3.02	4,539	1,503	13,706
WALNUT 0686	3.05	4,503	1,491	13,600
WALNUT 0687	0.13	419	139	1,264
WALNUT 0688	0.14	392	130	1,185
WALNUT 0689	0.30	1,036	343	3,130
WALNUT 0691	0.18	675	223	2,037
WALNUT 0692	0.44	1,295	429	3,912
WALNUT 0692	0.85	2,087	691	6,303
WALNUT 0693	0.28	872	289	2,633
WALNUT 0694	0.35	1,024	339	3,093
WALNUT 0694	1.22	2,449	811	7,396
WALNUT 0695	0.69	1,557	516	4,702
WALNUT 0696	0.34	981	325	2,962
WALNUT 0697	1.09	2,091	693	6,316
WALNUT 0697	1.29	2,375	786	7,171
WALNUT 0697	2.58	4,256	1,409	12,852
WALNUT 0697	3.12	4,969	1,646	15,007
WALNUT 0699	0.14	503	167	1,520
WALNUT 0700	0.13	423	140	1,278
WALNUT 0700	0.93	2,116	701	6,389
WALNUT 0701	0.51	1,316	436	3,975
WALNUT 0702	0.25	775	257	2,341
WALNUT 0703	0.41	1,267	420	3,827
WALNUT 0704	0.15	514	170	1,554
WALNUT 0704	0.84	2,115	700	6,386
WALNUT 0704	1.11	2,587	857	7,812
WALNUT 0705	0.14	551	183	1,665
WALNUT 0706	0.20	741	245	2,238
WALNUT 0708	0.24	743	246	2,244
WALNUT 0708	0.43	1,284	425	3,878
WALNUT 0709	0.18	699	232	2,112
WALNUT 0711	0.63	1,580	523	4,771
WALNUT 0713	1.02	2,108	698	6,367
WALNUT 0713	1.19	2,407	797	7,270



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WALNUT 0713	2.05	3,786	1,254	11,432
WALNUT 0714	0.75	1,878	622	5,670
WALNUT 0715	0.25	753	249	2,274
WALNUT 0715	2.24	4,413	1,461	13,328
WALNUT 0716	0.51	1,261	417	3,807
WALNUT 0716	1.92	3,964	1,313	11,972
WALNUT 0717	0.45	1,115	369	3,366
WALNUT 0717	1.03	2,636	873	7,961
WALNUT 0717	1.15	2,771	918	8,370
WALNUT 0718	0.49	1,377	456	4,158
WALNUT 0720	1.07	2,216	734	6,691
WALNUT 0720	1.21	2,492	825	7,525
WALNUT 0720	1.45	2,915	965	8,803
WALNUT 0720	2.27	3,987	1,320	12,040
WALNUT 0722	0.13	387	128	1,168
WALNUT 0723	0.18	589	195	1,779
WALNUT 0724	0.14	466	154	1,406
WALNUT 0725	0.23	619	205	1,869
WALNUT 0726	0.65	1,561	517	4,713
WALNUT 0728	0.27	873	289	2,636
WALNUT 0729	0.15	459	152	1,385
WALNUT 0731	0.12	399	132	1,204
WALNUT 0732	0.27	573	190	1,731
WALNUT 0733	0.49	1,095	363	3,306
WALNUT 0734	0.18	481	159	1,451
WALNUT 0735	0.79	1,766	585	5,332
WALNUT 0736	0.50	1,245	412	3,761
WALNUT 0736	1.16	2,565	849	7,746
WALNUT 0737	0.52	1,445	479	4,364
WALNUT 0738	0.41	1,085	359	3,277
WALNUT 0751	0.11	364	121	1,099
WALNUT 0756	0.94	2,001	662	6,042
WALNUT 0756	1.95	3,508	1,162	10,594
WALNUT 0756	2.51	4,090	1,354	12,350
WALNUT 0756	2.97	4,728	1,566	14,279
WALNUT 0759	0.40	917	304	2,770
WALNUT 0761	0.40	1,370	454	4,138
WALNUT 0762	0.37	1,009	334	3,048
WALNUT 0763	0.16	574	190	1,734



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WALNUT 0764	0.18	567	188	1,713
WALNUT 0765	0.14	444	147	1,341
WALNUT 0766	0.91	1,930	639	5,828
WALNUT 0766	1.51	2,951	977	8,912
WALNUT 0766	1.67	3,275	1,084	9,890
WALNUT 0768	0.46	1,184	392	3,576
WALNUT 0769	0.13	463	153	1,400
WALNUT 0770	0.15	502	166	1,516
WALNUT 0771	0.26	748	248	2,259
WALNUT 0775	0.98	2,625	869	7,929
WALNUT 0776	0.20	766	254	2,314
WALNUT 0777	0.99	1,903	630	5,746
WALNUT 0777	1.03	2,038	675	6,154
WALNUT 0781	0.26	1,060	351	3,201
WALNUT 0782	0.47	1,181	391	3,566
WALNUT 0783	0.11	402	133	1,214
WALNUT 0784	0.22	665	220	2,009
WALNUT 0785	0.18	592	196	1,789
WALNUT 0786	0.12	472	156	1,426
WALNUT 0788	0.20	277	92	838
WALNUT 0788	0.47	1,174	389	3,545
WALNUT 0788	1.93	3,045	1,008	9,195
WALNUT 0788	3.09	4,245	1,406	12,819
WALNUT 0788	3.77	5,193	1,719	15,681
WALNUT 0788	4.00	5,715	1,893	17,260
WALNUT 0790	0.32	351	116	1,059
WALNUT 0791	0.27	698	231	2,109
WALNUT 0795	0.52	643	213	1,943
WALNUT 0796	0.16	385	128	1,163
WALNUT 0797	0.42	1,027	340	3,100
WALNUT 0798	0.50	1,078	357	3,254
WALNUT 0800	0.15	575	190	1,735
WALNUT 0801	0.06	189	63	571
WALNUT 0802	0.11	330	109	996
WALNUT 0803	0.18	579	192	1,748
WALNUT CREEK	0.84	2,125	704	6,418
WALNUT CREEK	1.22	2,607	863	7,873
WALNUT CREEK	4.05	5,428	1,798	16,394
WALNUT CREEK	4.41	5,846	1,936	17,655



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WALNUT CREEK	4.78	6,181	2,047	18,667
WALNUT CREEK	5.16	6,520	2,159	19,691
WALNUT CREEK	5.41	6,591	2,182	19,903
WALNUT CREEK	6.16	7,051	2,335	21,293
WALNUT CREEK	9.91	10,446	3,459	31,546
WALNUT CREEK	10.80	10,911	3,613	32,950
WALNUT CREEK	12.21	11,960	3,960	36,119
WALNUT CREEK	12.68	12,105	4,008	36,557
WALNUT CREEK	13.18	12,392	4,103	37,423
WALNUT CREEK	13.42	12,521	4,146	37,814
WALNUT CREEK	13.64	12,513	4,143	37,788
WALNUT CREEK	14.84	13,290	4,401	40,134
WALNUT CREEK	16.08	14,054	4,654	42,442
WALNUT CREEK	16.10	13,965	4,624	42,174
WALNUT CREEK	16.59	14,122	4,676	42,647
WALNUT CREEK	16.89	13,966	4,625	42,178
WALNUT CREEK	17.06	14,074	4,660	42,503
WALNUT CREEK	19.86	15,593	5,163	47,089
WALNUT CREEK	22.22	16,851	5,580	50,889
WALNUT CREEK	23.05	16,912	5,600	51,074
WALNUT CREEK	23.31	16,963	5,617	51,228
WALNUT CREEK	23.71	17,151	5,679	51,795
WALNUT CREEK	25.47	18,088	5,990	54,626
WALNUT CREEK	25.73	18,121	6,001	54,726
WALNUT CREEK	26.20	18,138	6,006	54,776
WALNUT CREEK	41.52	26,438	8,754	79,840
WALNUT CREEK	53.50	31,054	10,283	93,782
WALNUT CREEK	53.94	30,942	10,246	93,443
WALNUT CREEK	73.88	39,559	13,099	119,466
WALNUT CREEK	74.54	39,530	13,089	119,377
WALNUT CREEK	74.60	39,348	13,029	118,828
WALNUT CREEK	75.50	39,279	13,006	118,620
WALNUT CREEK	75.91	39,411	13,050	119,021
WALNUT CREEK	76.28	39,325	13,022	118,758
WALNUT CREEK	76.64	39,184	12,975	118,334
WALNUT CREEK	81.30	40,641	13,458	122,735
WALNUT CREEK	95.75	45,307	15,003	136,826
WALNUT CREEK	96.51	45,304	15,002	136,816
WALNUT CREEK	97.30	44,925	14,876	135,670



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WALNUT CREEK	101.92	46,094	15,263	139,202
WALNUT CREEK	105.87	47,173	15,621	142,461
WALNUT CREEK	106.14	46,834	15,508	141,438
WALNUT CREEK	106.48	46,998	15,562	141,931
WALNUT CREEK	107.16	46,844	15,512	141,468
WALNUT CREEK	117.35	49,577	16,416	149,719
WALNUT CREEK	117.56	49,675	16,449	150,015
WALNUT CREEK	122.18	50,484	16,717	152,459
WALNUT CREEK	122.38	50,438	16,702	152,321
WALNUT CREEK	123.19	50,549	16,738	152,654
WALNUT CREEK	123.38	48,893	16,190	147,655
WALNUT CREEK	123.68	112,728	37,328	340,433
WALNUT CREEK	124.02	29,730	9,845	89,784
WALNUT CREEK	127.15	30,271	10,024	91,418
WALNUT CREEK	128.93	104,357	34,556	315,152
WALNUT CREEK	129.68	99,715	33,019	301,136
WALNUT CREEK	130.20	95,565	31,644	288,601
WALNUT CREEK	131.26	92,161	30,517	278,323
WALNUT CREEK	131.58	89,443	29,617	270,112
WALNUT CREEK	134.17	89,196	29,536	269,367
WALNUT CREEK	134.64	86,921	28,782	262,498
WALNUT CREEK	135.42	85,234	28,224	257,403
WALNUT CREEK	135.76	83,838	27,761	253,187
WALNUT CREEK	136.01	83,405	27,618	251,880
WALNUT CREEK	137.01	82,604	27,353	249,461
WALNUT CREEK	137.29	79,780	26,418	240,932
WALNUT CREEK	137.42	79,194	26,224	239,163
WALNUT CREEK TRIBUTARY 1	0.57	1,512	501	4,567
WALNUT CREEK TRIBUTARY 1	1.47	3,279	1,086	9,902
WALNUT CREEK TRIBUTARY 1	1.67	3,380	1,119	10,206
WALNUT CREEK TRIBUTARY 2	0.07	134	44	405
WALNUT CREEK TRIBUTARY 2	0.38	998	331	3,014
WALNUT CREEK TRIBUTARY 2	1.29	2,740	907	8,276
WALNUT CREEK TRIBUTARY 2	1.53	3,091	1,024	9,335
WALNUT CREEK TRIBUTARY 2	1.85	3,395	1,124	10,254
WALNUT CREEK TRIBUTARY 2	2.29	3,908	1,294	11,801
WALNUT CREEK TRIBUTARY 3	1.06	2,278	754	6,879
WALNUT CREEK TRIBUTARY 3	1.38	2,846	942	8,594
WALNUT CREEK TRIBUTARY 3	1.92	3,694	1,223	11,155



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WALNUT CREEK TRIBUTARY 3	2.29	3,917	1,297	11,830
WALNUT CREEK TRIBUTARY 3	3.56	5,707	1,890	17,235
WALNUT CREEK TRIBUTARY 3	4.22	6,386	2,115	19,286
WALNUT CREEK WEST	0.54	1,735	574	5,239
WALNUT CREEK WEST	1.22	2,817	933	8,508
WALNUT CREEK WEST	1.25	2,763	915	8,343
WALNUT CREEK WEST	2.77	5,086	1,684	15,358
WATERHOLE BRANCH	0.43	1,303	432	3,936
WATERHOLE BRANCH	0.72	1,926	638	5,815
WATERHOLE BRANCH	0.95	2,389	791	7,214
WATERHOLE BRANCH	1.57	3,267	1,082	9,867
WATERHOLE BRANCH	1.91	3,772	1,249	11,392
WATERHOLE BRANCH	2.81	4,902	1,623	14,804
WATERHOLE BRANCH	3.33	5,320	1,762	16,067
WATERHOLE BRANCH	3.71	5,726	1,896	17,294
WILLBARGER CREEK - COLORADO RIVER				
COLEMAN BRANCH	1.00	1,277	423	3,855
COLEMAN BRANCH	1.39	1,577	522	4,764
COLEMAN BRANCH	3.40	3,028	1,003	9,143
COLEMAN BRANCH	4.40	3,674	1,217	11,097
COLEMAN BRANCH	5.33	4,217	1,396	12,734
COLORADO RIVER TRIBUTARY 8	1.13	1,588	526	4,796
COLORADO RIVER TRIBUTARY 8	1.87	2,172	719	6,561
COLORADO RIVER TRIBUTARY 8	2.58	2,820	934	8,517
COLORADO RIVER TRIBUTARY 8	3.35	3,284	1,087	9,917
COLORADO RIVER TRIBUTARY 8	4.15	3,669	1,215	11,079
COLORADO RIVER TRIBUTARY 8	6.00	4,691	1,553	14,166
COTTONMOUTH CREEK	1.00	1,267	419	3,825
COTTONMOUTH CREEK	2.00	1,939	642	5,857
COTTONMOUTH CREEK	2.54	2,149	712	6,490
COTTONMOUTH CREEK	5.32	3,832	1,269	11,572
COTTONMOUTH CREEK	5.85	3,970	1,314	11,988
COTTONMOUTH CREEK	6.13	4,029	1,334	12,166
COTTONMOUTH CREEK	6.31	4,125	1,366	12,459
COTTONMOUTH CREEK	14.12	7,738	2,562	23,369
COTTONMOUTH CREEK	15.72	7,731	2,560	23,347
COTTONMOUTH CREEK	32.53	13,283	4,398	40,113
COTTONMOUTH CREEK	32.80	13,169	4,361	39,768
COTTONMOUTH CREEK	34.02	13,339	4,417	40,283



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
COTTONMOUTH CREEK	34.16	13,352	4,421	40,322
COTTONMOUTH CREEK	40.06	14,874	4,925	44,919
COTTONMOUTH CREEK	62.80	20,898	6,920	63,111
COTTONWOOD CREEK	0.23	514	170	1,551
COTTONWOOD CREEK	0.29	628	208	1,895
COTTONWOOD CREEK	0.43	862	285	2,603
COTTONWOOD CREEK	0.65	1,198	397	3,618
COTTONWOOD CREEK	1.04	1,698	562	5,128
COTTONWOOD CREEK	1.46	2,184	723	6,595
COTTONWOOD CREEK	1.61	2,248	744	6,789
COTTONWOOD CREEK	2.17	2,809	930	8,484
COTTONWOOD CREEK	2.37	2,748	910	8,299
COTTONWOOD CREEK	3.28	3,566	1,181	10,769
COTTONWOOD CREEK	3.84	3,903	1,292	11,787
DECKER CREEK	0.85	1,008	334	3,043
DECKER CREEK	1.66	1,717	568	5,184
DECKER CREEK	2.50	2,195	727	6,628
DECKER CREEK	3.36	2,847	943	8,598
DECKER CREEK	3.42	3,020	1,000	9,119
DECKER CREEK	9.63	6,689	2,215	20,201
DECKER CREEK	10.14	6,913	2,289	20,878
DECKER CREEK	10.22	6,909	2,288	20,866
DECKER CREEK	10.55	7,090	2,348	21,412
DECKER CREEK	11.44	7,383	2,445	22,298
DECKER CREEK	12.29	7,572	2,507	22,866
DECKER CREEK	13.10	7,714	2,554	23,295
DECKER CREEK	16.34	9,325	3,088	28,160
DECKER CREEK	17.22	9,392	3,110	28,365
DECKER CREEK TRIBUTARY 1	0.59	853	282	2,576
DECKER CREEK TRIBUTARY 1A	0.67	843	279	2,545
DECKER CREEK TRIBUTARY 1A	1.97	1,900	629	5,738
DECKER CREEK TRIBUTARY 1A	2.44	2,267	751	6,847
DECKER CREEK TRIBUTARY 2	0.27	347	115	1,049
DECKER CREEK TRIBUTARY 2	1.00	979	324	2,958
DECKER CREEK TRIBUTARY 2	1.14	1,073	355	3,240
DECKER CREEK TRIBUTARY 2	1.85	1,663	551	5,022
DECKER CREEK TRIBUTARY 2	2.73	2,131	706	6,436
DECKER CREEK TRIBUTARY 2	2.94	2,195	727	6,628
DECKER CREEK TRIBUTARY 2	5.51	3,206	1,062	9,681



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
DECKER CREEK TRIBUTARY 2	6.13	3,457	1,145	10,441
DRY CREEK	0.20	149	49	449
DRY CREEK	0.71	1,014	336	3,064
DRY CREEK	1.19	1,565	518	4,725
DRY CREEK	1.91	2,144	710	6,473
DRY CREEK	2.90	2,952	977	8,915
DRY CREEK	3.10	3,041	1,007	9,185
DRY CREEK	3.45	3,268	1,082	9,869
DRY CREEK	5.23	4,265	1,412	12,880
DRY CREEK	7.13	5,219	1,728	15,762
DRY CREEK	8.33	5,811	1,924	17,548
DRY CREEK	8.66	5,951	1,971	17,971
DRY CREEK	9.11	6,061	2,007	18,303
DRY CREEK	9.19	6,073	2,011	18,339
DRY CREEK	13.03	8,015	2,654	24,205
DRY CREEK	13.60	8,071	2,673	24,375
DRY CREEK	20.10	10,905	3,611	32,932
DRY CREEK	20.62	11,066	3,664	33,419
DRY CREEK	21.35	11,167	3,698	33,723
DRY CREEK	22.06	11,414	3,779	34,469
DRY CREEK	23.59	11,778	3,900	35,568
DRY CREEK	24.29	11,950	3,957	36,089
DRY CREEK	24.64	11,990	3,970	36,211
DRY CREEK	25.11	12,124	4,015	36,613
DRY CREEK	25.31	12,179	4,033	36,781
DRY CREEK	26.11	12,309	4,076	37,172
DRY CREEK	26.31	12,302	4,074	37,153
DRY CREEK	26.32	12,272	4,064	37,061
DRY CREEK	26.91	12,496	4,138	37,736
DRY CREEK	27.27	12,600	4,172	38,051
DRY CREEK	27.51	12,543	4,154	37,881
DRY CREEK	28.71	12,805	4,240	38,671
DRY CREEK	29.86	13,003	4,306	39,267
DRY CREEK	30.74	13,124	4,346	39,635
DRY CREEK	32.62	13,604	4,505	41,082
DRY CREEK	33.70	13,728	4,546	41,458
DRY CREEK	33.95	13,759	4,556	41,552
DRY CREEK	38.46	15,083	4,994	45,549
DRY CREEK	41.18	15,701	5,199	47,416



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
DRY CREEK	42.02	15,797	5,231	47,705
DRY CREEK	43.00	15,833	5,243	47,815
DRY CREEK	43.16	15,801	5,232	47,718
DRY CREEK	44.00	15,946	5,280	48,157
DRY CREEK	44.61	16,078	5,324	48,554
DRY CREEK	45.29	16,162	5,352	48,810
DRY CREEK	52.52	17,882	5,921	54,003
DRY CREEK	54.67	18,364	6,081	55,457
DRY CREEK	55.07	18,376	6,085	55,494
DRY CREEK EAST DIVERSION 1	1.00	1,332	441	4,023
DRY CREEK EAST DIVERSION 1	1.66	1,914	634	5,780
DRY CREEK EAST TRIBUTARY 4	0.30	710	235	2,143
DRY CREEK EAST TRIBUTARY 4	0.77	1,590	526	4,801
DRY CREEK EAST TRIBUTARY 4	1.15	2,121	702	6,405
DRY CREEK EAST TRIBUTARY 4	1.73	2,512	832	7,585
DRY CREEK EAST TRIBUTARY 4	2.20	2,930	970	8,848
DRY CREEK EAST TRIBUTARY 6	0.34	635	210	1,918
DRY CREEK EAST TRIBUTARY 6	0.48	863	286	2,607
DRY CREEK EAST TRIBUTARY 6	0.85	1,387	459	4,190
DRY CREEK EAST TRIBUTARY 6	1.80	2,202	729	6,649
DRY CREEK EAST TRIBUTARY 8B	0.49	918	304	2,773
DRY CREEK NORTH	1.44	1,357	449	4,099
DRY CREEK NORTH	1.80	1,549	513	4,679
DRY CREEK NORTH	2.86	2,154	713	6,505
DRY CREEK NORTH	3.70	2,659	880	8,030
DRY CREEK NORTH	4.19	2,830	937	8,547
DRY CREEK NORTH	5.21	3,323	1,100	10,034
DRY CREEK NORTH	5.81	3,555	1,177	10,737
DRY CREEK NORTH	6.55	3,789	1,255	11,444
DRY CREEK NORTH	7.04	3,930	1,301	11,870
DRY CREEK NORTH	7.54	4,118	1,364	12,436
DRY CREEK NORTH	7.96	4,289	1,420	12,953
DRY CREEK NORTH	8.08	4,331	1,434	13,081
DRY CREEK NORTH	17.49	7,958	2,635	24,032
DRY CREEK NORTH	17.67	8,005	2,651	24,175
DRY CREEK NORTH	18.54	8,006	2,651	24,178
DRY CREEK SOUTH	0.24	673	223	2,032
ELM CREEK	1.00	1,234	409	3,726
ELM CREEK	1.57	1,632	540	4,928



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
ELM CREEK	2.48	2,381	789	7,191
ELM CREEK	3.58	3,043	1,008	9,191
ELM CREEK	3.90	3,245	1,075	9,800
ELM CREEK	5.64	4,222	1,398	12,751
ELM CREEK	5.96	4,303	1,425	12,996
ELM CREEK	6.20	4,400	1,457	13,288
ELM CREEK	7.18	4,918	1,628	14,851
ELM CREEK	7.42	4,962	1,643	14,984
ELM CREEK	8.09	5,322	1,762	16,072
ELM CREEK	8.78	5,492	1,819	16,586
ELM CREEK TRIBUTARY 1	1.00	1,331	441	4,018
ELM CREEK TRIBUTARY 1	1.08	1,371	454	4,140
ELM CREEK WEST	1.01	1,350	447	4,077
ELM CREEK WEST	1.81	2,059	682	6,219
ELM CREEK WEST	3.74	3,551	1,176	10,723
ELM CREEK WEST	5.23	4,372	1,448	13,202
ELM CREEK WEST	5.86	4,449	1,473	13,436
ELM CREEK WEST	6.29	4,593	1,521	13,871
ELM CREEK WEST	6.84	4,838	1,602	14,612
ELM CREEK WEST	7.60	5,015	1,661	15,146
GILLELAND CREEK	0.85	1,233	408	3,722
GILLELAND CREEK	1.56	2,059	682	6,217
GILLELAND CREEK	2.52	2,950	977	8,909
GILLELAND CREEK	2.79	3,103	1,027	9,370
GILLELAND CREEK	2.96	3,228	1,069	9,747
GILLELAND CREEK	4.61	4,568	1,513	13,796
GILLELAND CREEK	4.91	4,807	1,592	14,516
GILLELAND CREEK	5.63	5,339	1,768	16,125
GILLELAND CREEK	6.25	5,677	1,880	17,146
GILLELAND CREEK	6.63	5,860	1,941	17,698
GILLELAND CREEK	6.65	5,889	1,950	17,784
GILLELAND CREEK	7.61	6,465	2,141	19,525
GILLELAND CREEK	8.37	6,852	2,269	20,692
GILLELAND CREEK	9.19	7,097	2,350	21,433
GILLELAND CREEK	9.39	7,176	2,376	21,671
GILLELAND CREEK	10.37	7,377	2,443	22,279
GILLELAND CREEK	10.80	7,107	2,353	21,463
GILLELAND CREEK	11.04	7,185	2,379	21,699
GILLELAND CREEK	11.36	7,304	2,419	22,058



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
GILLELAND CREEK	11.96	7,382	2,444	22,294
GILLELAND CREEK	12.14	7,637	2,529	23,063
GILLELAND CREEK	18.51	10,574	3,501	31,932
GILLELAND CREEK	19.01	10,674	3,534	32,234
GILLELAND CREEK	19.20	10,740	3,556	32,435
GILLELAND CREEK	31.88	15,696	5,197	47,402
GILLELAND CREEK	32.42	15,686	5,194	47,370
GILLELAND CREEK	32.68	15,710	5,202	47,444
GILLELAND CREEK	32.86	15,721	5,206	47,475
GILLELAND CREEK	36.50	16,858	5,582	50,912
GILLELAND CREEK	36.66	16,826	5,571	50,813
GILLELAND CREEK	37.08	16,965	5,618	51,235
GILLELAND CREEK	37.94	17,183	5,690	51,891
GILLELAND CREEK	38.28	17,207	5,698	51,965
GILLELAND CREEK	38.94	17,346	5,744	52,385
GILLELAND CREEK	41.24	17,907	5,929	54,077
GILLELAND CREEK	42.97	18,314	6,064	55,308
GILLELAND CREEK	46.62	19,064	6,313	57,572
GILLELAND CREEK	46.63	19,021	6,298	57,442
GILLELAND CREEK	47.34	19,180	6,351	57,923
GILLELAND CREEK	48.88	19,399	6,423	58,583
GILLELAND CREEK	66.16	24,111	7,984	72,813
GILLELAND CREEK	66.41	24,027	7,956	72,561
GILLELAND CREEK	74.21	25,907	8,578	78,236
GILLELAND CREEK	74.36	25,743	8,524	77,742
GILLELAND CREEK TRIBUTARY 1	0.56	894	296	2,701
GILLELAND CREEK TRIBUTARY 1	0.86	1,312	435	3,963
GILLELAND CREEK TRIBUTARY 1	1.03	1,512	501	4,565
GILLELAND CREEK TRIBUTARY 1	1.98	2,364	783	7,140
GILLELAND CREEK TRIBUTARY 1A	0.55	1,101	365	3,324
GILLELAND CREEK TRIBUTARY 1A	1.19	2,089	692	6,309
GILLELAND CREEK TRIBUTARY 1A	1.20	2,136	707	6,451
GILLELAND CREEK TRIBUTARY 1B	0.26	597	198	1,803
GILLELAND CREEK TRIBUTARY 1B	0.90	1,494	495	4,511
GILLELAND CREEK TRIBUTARY 1B	1.23	1,940	642	5,859
GILLELAND CREEK TRIBUTARY 1B	1.85	2,255	747	6,811
GILLELAND CREEK TRIBUTARY 1C	0.73	1,147	380	3,464
GILLELAND CREEK TRIBUTARY 1C	0.94	1,359	450	4,103
GILLELAND CREEK TRIBUTARY 1C	1.42	1,755	581	5,301



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
GILLELAND CREEK TRIBUTARY 1C	2.09	2,434	806	7,349
GILLELAND CREEK TRIBUTARY 1C	2.53	2,675	886	8,080
GILLELAND CREEK TRIBUTARY 1C	3.09	3,141	1,040	9,485
GILLELAND CREEK TRIBUTARY 1C	3.39	3,259	1,079	9,843
GILLELAND CREEK TRIBUTARY 2	0.78	1,363	451	4,117
GILLELAND CREEK TRIBUTARY 2	2.61	2,753	912	8,315
GILLELAND CREEK TRIBUTARY 2	3.57	3,354	1,111	10,130
GILLELAND CREEK TRIBUTARY 2	3.78	3,461	1,146	10,451
GILLELAND CREEK TRIBUTARY 2	5.35	4,466	1,479	13,486
GILLELAND CREEK TRIBUTARY 2	5.84	4,647	1,539	14,035
GILLELAND CREEK TRIBUTARY 2	5.94	4,835	1,601	14,602
GILLELAND CREEK TRIBUTARY 3	0.67	995	329	3,003
HARRIS BRANCH	0.78	907	300	2,740
HARRIS BRANCH	1.83	1,882	623	5,682
HARRIS BRANCH	2.26	2,278	754	6,878
HARRIS BRANCH	2.31	2,272	752	6,860
HARRIS BRANCH	4.02	3,505	1,161	10,585
HARRIS BRANCH	4.60	3,886	1,287	11,736
HARRIS BRANCH	5.21	4,191	1,388	12,656
HARRIS BRANCH	5.40	4,324	1,432	13,058
HARRIS BRANCH	7.28	5,511	1,825	16,643
HARRIS BRANCH	8.24	5,878	1,946	17,752
HARRIS BRANCH	8.28	5,865	1,942	17,713
HARRIS BRANCH	10.87	7,427	2,459	22,430
HARRIS BRANCH	11.50	7,678	2,542	23,187
HARRIS BRANCH SOUTH	1.00	1,055	349	3,187
HARRIS BRANCH SOUTH	1.52	1,493	494	4,508
HARRIS BRANCH SOUTH	2.61	2,325	770	7,021
HARRIS BRANCH TRIBUTARY NO 3	0.62	1,093	362	3,300
HARRIS BRANCH TRIBUTARY NO 3	1.00	1,510	500	4,560
HARRIS BRANCH TRIBUTARY NO 3	1.29	1,788	592	5,398
HARRIS BRANCH TRIBUTARY NO 5	1.05	1,522	504	4,596
HARRIS BRANCH TRIBUTARY NO 5	1.23	1,668	552	5,038
HARRIS BRANCH TRIBUTARY NO 5	1.76	2,265	750	6,839
HARRIS BRANCH TRIBUTARY NO 6	0.27	506	167	1,527
HARRIS BRANCH UNTRIB A	0.41	620	205	1,872
LITTLE WILLOW CREEK	1.03	921	305	2,780
LITTLE WILLOW CREEK	1.53	1,275	422	3,849
LITTLE WILLOW CREEK	2.24	1,755	581	5,301



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
LITTLE WILLOW CREEK	2.73	2,034	673	6,142
LITTLE WILLOW CREEK	3.49	2,408	797	7,271
LITTLE WILLOW CREEK	3.91	2,628	870	7,937
LITTLE WILLOW CREEK	4.08	2,713	898	8,193
LITTLE WILLOW CREEK	4.93	3,027	1,002	9,141
LITTLE WILLOW CREEK	5.61	3,347	1,108	10,108
LOCKWOOD CREEK	1.25	1,397	462	4,218
LOCKWOOD CREEK	2.02	2,003	663	6,050
LOCKWOOD CREEK	2.92	2,681	888	8,096
LOCKWOOD CREEK	3.90	3,365	1,114	10,161
LOCKWOOD CREEK	4.85	3,788	1,254	11,439
LOCKWOOD CREEK	5.74	4,138	1,370	12,498
LOCKWOOD CREEK	7.36	5,084	1,683	15,354
LOCKWOOD CREEK	10.93	6,762	2,239	20,421
LOCKWOOD CREEK	12.06	6,997	2,317	21,132
MOSS BRANCH	0.46	955	316	2,884
MOSS BRANCH	1.27	1,904	631	5,751
MOSS BRANCH	1.55	2,209	731	6,670
MOSS BRANCH	2.06	2,592	858	7,829
NORTH FORK DRY CREEK	0.66	832	276	2,513
NORTH FORK DRY CREEK	1.04	1,263	418	3,814
NORTH FORK DRY CREEK	1.76	1,949	645	5,886
NORTH FORK DRY CREEK	2.01	2,161	716	6,526
NORTH FORK DRY CREEK	2.26	2,295	760	6,931
NORTH FORK DRY CREEK	2.39	2,371	785	7,161
NORTH FORK DRY CREEK	2.93	2,647	877	7,994
NORTH FORK DRY CREEK	3.11	2,719	900	8,212
NORTH FORK DRY CREEK	3.34	2,778	920	8,388
NORTH FORK DRY CREEK	3.83	3,049	1,010	9,207
RED GULLY CREEK	0.92	1,343	445	4,057
RED GULLY CREEK	1.02	1,452	481	4,384
RED GULLY CREEK	1.51	1,901	629	5,740
RED GULLY CREEK	2.02	2,217	734	6,695
RED GULLY CREEK	2.41	2,441	808	7,373
RED GULLY CREEK	2.73	2,651	878	8,006
RED GULLY CREEK	2.97	2,877	953	8,688
RED GULLY CREEK	6.82	5,793	1,918	17,495
SECONDARY CHANNEL DRY CREEK EAST	0.53	723	239	2,184
UPPER DECKER CREEK	0.54	706	234	2,133



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WILLBARGER 0005	0.22	430	142	1,299
WILLBARGER 0008	0.24	488	162	1,473
WILLBARGER 0015	1.00	1,193	395	3,602
WILLBARGER 0015	1.56	1,646	545	4,970
WILLBARGER 0017	0.26	353	117	1,067
WILLBARGER 0018	0.82	1,277	423	3,855
WILLBARGER 0019	0.08	186	62	561
WILLBARGER 0020	0.12	273	90	824
WILLBARGER 0021	0.15	301	100	909
WILLBARGER 0023	0.32	788	261	2,380
WILLBARGER 0024	0.78	1,119	371	3,380
WILLBARGER 0024	1.15	1,599	529	4,829
WILLBARGER 0024	1.62	2,035	674	6,145
WILLBARGER 0025	0.35	751	249	2,268
WILLBARGER 0026	0.11	232	77	700
WILLBARGER 0027	0.38	668	221	2,018
WILLBARGER 0028	0.47	747	247	2,257
WILLBARGER 0030	1.00	1,310	434	3,957
WILLBARGER 0030	1.33	1,555	515	4,696
WILLBARGER 0035	0.22	368	122	1,111
WILLBARGER 0036	0.46	685	227	2,070
WILLBARGER 0038	0.20	523	173	1,579
WILLBARGER 0039	0.47	537	178	1,620
WILLBARGER 0041	0.18	367	121	1,107
WILLBARGER 0042	0.13	244	81	736
WILLBARGER 0043	0.19	399	132	1,204
WILLBARGER 0044	0.24	455	151	1,373
WILLBARGER 0045	0.17	280	93	846
WILLBARGER 0045	0.34	520	172	1,570
WILLBARGER 0046	0.15	288	95	871
WILLBARGER 0047	1.00	1,143	379	3,453
WILLBARGER 0047	1.03	1,162	385	3,510
WILLBARGER 0047	1.91	1,831	606	5,530
WILLBARGER 0047	2.64	2,312	766	6,983
WILLBARGER 0047	2.88	2,479	821	7,486
WILLBARGER 0047	3.30	2,716	899	8,203
WILLBARGER 0047	3.45	2,813	931	8,494
WILLBARGER 0047	3.60	2,931	970	8,850
WILLBARGER 0049	0.41	761	252	2,298



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WILLBARGER 0050	0.14	279	92	841
WILLBARGER 0055	0.30	436	144	1,315
WILLBARGER 0056	0.62	739	245	2,231
WILLBARGER 0056	0.92	999	331	3,018
WILLBARGER 0056	1.26	1,287	426	3,887
WILLBARGER 0056	1.67	1,560	516	4,710
WILLBARGER 0056	1.98	1,798	596	5,431
WILLBARGER 0056	2.25	2,005	664	6,056
WILLBARGER 0056	4.69	3,728	1,234	11,257
WILLBARGER 0056	4.97	3,819	1,264	11,532
WILLBARGER 0056	5.43	4,013	1,329	12,118
WILLBARGER 0056	5.84	4,205	1,393	12,700
WILLBARGER 0056	5.98	4,252	1,408	12,841
WILLBARGER 0056	6.76	4,553	1,508	13,751
WILLBARGER 0056	7.59	4,839	1,602	14,614
WILLBARGER 0056	8.37	4,926	1,631	14,877
WILLBARGER 0056	12.32	6,603	2,186	19,939
WILLBARGER 0056	12.63	6,672	2,209	20,148
WILLBARGER 0056	12.86	6,721	2,226	20,298
WILLBARGER 0056	15.41	7,558	2,503	22,823
WILLBARGER 0056	15.81	7,667	2,539	23,154
WILLBARGER 0058	0.12	211	70	637
WILLBARGER 0059	0.17	318	105	960
WILLBARGER 0060	0.16	299	99	902
WILLBARGER 0061	0.18	322	107	973
WILLBARGER 0062	0.57	801	265	2,418
WILLBARGER 0062	0.71	973	322	2,938
WILLBARGER 0062	0.89	1,136	376	3,432
WILLBARGER 0062	1.60	1,698	562	5,126
WILLBARGER 0063	0.12	257	85	777
WILLBARGER 0064	0.14	262	87	793
WILLBARGER 0065	0.30	461	153	1,392
WILLBARGER 0068	0.10	199	66	602
WILLBARGER 0068	0.31	583	193	1,762
WILLBARGER 0069	0.20	479	158	1,446
WILLBARGER 0070	0.16	303	100	916
WILLBARGER 0070	0.44	714	236	2,155
WILLBARGER 0071	0.18	320	106	968
WILLBARGER 0072	0.13	218	72	659



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WILLBARGER 0074	0.14	298	99	898
WILLBARGER 0075	1.01	1,122	371	3,388
WILLBARGER 0075	2.00	1,823	604	5,506
WILLBARGER 0075	2.06	1,856	615	5,606
WILLBARGER 0078	0.30	547	181	1,653
WILLBARGER 0079	0.16	323	107	976
WILLBARGER 0080	0.53	709	235	2,140
WILLBARGER 0080	1.40	1,628	539	4,916
WILLBARGER 0080	2.10	2,173	720	6,563
WILLBARGER 0080	2.36	2,320	768	7,006
WILLBARGER 0080	3.26	2,973	985	8,979
WILLBARGER 0080	3.69	3,095	1,025	9,347
WILLBARGER 0080	4.14	3,300	1,093	9,965
WILLBARGER 0080	6.63	4,473	1,481	13,508
WILLBARGER 0080	7.29	4,723	1,564	14,264
WILLBARGER 0081	0.17	312	103	943
WILLBARGER 0082	0.35	535	177	1,617
WILLBARGER 0082	0.75	1,023	339	3,088
WILLBARGER 0082	1.07	1,370	454	4,138
WILLBARGER 0082	1.26	1,462	484	4,415
WILLBARGER 0082	1.48	1,651	547	4,987
WILLBARGER 0083	0.30	498	165	1,504
WILLBARGER 0084	0.15	274	91	826
WILLBARGER 0085	0.36	526	174	1,589
WILLBARGER 0086	0.58	843	279	2,545
WILLBARGER 0090	0.76	890	295	2,688
WILLBARGER 0091	0.13	228	75	688
WILLBARGER 0092	0.20	342	113	1,034
WILLBARGER 0093	0.15	292	97	883
WILLBARGER 0095	1.41	1,565	518	4,726
WILLBARGER 0095	2.31	2,083	690	6,291
WILLBARGER 0106	0.19	320	106	965
WILLBARGER 0107	0.12	222	73	669
WILLBARGER 0112	0.56	823	272	2,484
WILLBARGER 0113	0.52	567	188	1,713
WILLBARGER 0113	1.10	1,116	370	3,370
WILLBARGER 0113	1.66	1,457	482	4,400
WILLBARGER 0113	2.41	1,965	651	5,934
WILLBARGER 0113	2.84	2,188	724	6,606



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WILLBARGER 0113	3.41	2,490	825	7,520
WILLBARGER 0113	3.66	2,566	850	7,748
WILLBARGER 0113	4.11	2,792	924	8,431
WILLBARGER 0113	5.20	3,267	1,082	9,865
WILLBARGER 0114	0.26	407	135	1,228
WILLBARGER 0115	0.28	413	137	1,249
WILLBARGER 0116	0.22	437	145	1,318
WILLBARGER 0120	0.16	289	96	873
WILLBARGER 0121	0.22	390	129	1,178
WILLBARGER 0122	0.14	275	91	830
WILLBARGER 0123	0.48	644	213	1,945
WILLBARGER 0123	0.87	1,093	362	3,300
WILLBARGER 0125	0.37	498	165	1,504
WILLBARGER 0126	0.47	614	203	1,855
WILLBARGER 0128	0.99	1,222	405	3,689
WILLBARGER 0134	0.94	1,004	332	3,032
WILLBARGER 0135	0.37	524	173	1,582
WILLBARGER 0137	0.47	584	193	1,764
WILLBARGER 0138	1.03	1,227	406	3,706
WILLBARGER 0138	2.02	1,871	620	5,651
WILLBARGER 0138	2.78	2,238	741	6,758
WILLBARGER 0138	4.09	3,007	996	9,081
WILLBARGER 0138	4.76	3,441	1,139	10,390
WILLBARGER 0143	1.00	1,123	372	3,393
WILLBARGER 0143	1.18	1,236	409	3,731
WILLBARGER 0146	0.14	247	82	745
WILLBARGER 0148	0.33	528	175	1,594
WILLBARGER 0149	0.23	374	124	1,131
WILLBARGER 0151	0.21	282	93	851
WILLBARGER 0152	0.33	401	133	1,210
WILLBARGER 0153	0.31	461	153	1,392
WILLBARGER 0154	0.34	580	192	1,750
WILLBARGER 0155	0.15	236	78	714
WILLBARGER 0156	0.13	228	75	687
WILLBARGER 0159	0.19	446	148	1,348
WILLBARGER 0160	0.70	770	255	2,326
WILLBARGER 0160	1.68	1,526	505	4,607
WILLBARGER 0162	0.31	410	136	1,240
WILLBARGER 0162	0.65	691	229	2,085



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WILLBARGER 0163	0.21	239	79	722
WILLBARGER 0164	0.65	962	319	2,907
WILLBARGER 0165	0.07	94	31	283
WILLBARGER 0166	0.24	339	112	1,024
WILLBARGER 0167	0.53	661	219	1,996
WILLBARGER 0167	1.47	1,589	526	4,799
WILLBARGER 0167	1.57	1,631	540	4,927
WILLBARGER 0167	1.87	1,855	614	5,602
WILLBARGER 0168	0.17	195	65	590
WILLBARGER 0169	0.76	1,174	389	3,545
WILLBARGER 0171	1.02	1,142	378	3,448
WILLBARGER 0171	1.15	1,241	411	3,747
WILLBARGER 0171	2.02	1,998	662	6,034
WILLBARGER 0171	2.26	2,109	698	6,370
WILLBARGER 0172	0.11	228	75	688
WILLBARGER 0173	0.26	407	135	1,230
WILLBARGER 0176	0.15	264	87	796
WILLBARGER 0178	0.36	635	210	1,918
WILLBARGER 0183	0.82	1,039	344	3,138
WILLBARGER 0185	0.70	940	311	2,838
WILLBARGER 0186	0.65	922	305	2,783
WILLBARGER 0187	0.44	680	225	2,053
WILLBARGER 0190	0.87	988	327	2,985
WILLBARGER 0193	0.39	502	166	1,516
WILLBARGER 0194	0.26	381	126	1,152
WILLBARGER 0195	0.06	126	42	381
WILLBARGER 0196	0.42	625	207	1,889
WILLBARGER 0196	0.92	1,104	366	3,334
WILLBARGER 0196	1.27	1,393	461	4,207
WILLBARGER 0196	2.10	2,295	760	6,931
WILLBARGER 0196	2.50	2,495	826	7,535
WILLBARGER 0197	0.20	332	110	1,003
WILLBARGER 0198	0.17	262	87	791
WILLBARGER 0199	0.57	692	229	2,090
WILLBARGER 0200	1.05	1,522	504	4,598
WILLBARGER 0200	1.96	2,499	828	7,548
WILLBARGER 0200	2.41	2,790	924	8,426
WILLBARGER 0200	3.41	3,651	1,209	11,024
WILLBARGER 0200	4.29	3,924	1,300	11,852



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WILLBARGER 0200	4.80	4,153	1,375	12,540
WILLBARGER 0202	0.51	833	276	2,516
WILLBARGER 0206	0.68	1,018	337	3,073
WILLBARGER 0207	0.29	395	131	1,193
WILLBARGER 0208	0.51	545	181	1,647
WILLBARGER 0209	0.22	374	124	1,130
WILLBARGER 0210	0.55	859	284	2,594
WILLBARGER 0210	0.97	1,242	411	3,750
WILLBARGER 0210	2.27	2,403	796	7,255
WILLBARGER 0210	2.52	2,522	835	7,615
WILLBARGER 0210	3.72	3,498	1,158	10,565
WILLBARGER 0210	4.70	3,986	1,320	12,038
WILLBARGER 0210	5.02	3,986	1,320	12,038
WILLBARGER 0210	10.39	7,386	2,446	22,304
WILLBARGER 0210	13.55	8,680	2,874	26,213
WILLBARGER 0213	0.14	272	90	822
WILLBARGER 0216	1.06	1,283	425	3,873
WILLBARGER 0216	1.19	1,353	448	4,087
WILLBARGER 0220	0.17	275	91	830
WILLBARGER 0220	1.33	1,499	496	4,527
WILLBARGER 0220	1.98	2,054	680	6,202
WILLBARGER 0220	2.87	2,553	845	7,709
WILLBARGER 0220	3.81	2,973	984	8,978
WILLBARGER 0223	0.80	1,053	349	3,181
WILLBARGER 0225	0.29	447	148	1,350
WILLBARGER 0227	1.00	1,171	388	3,535
WILLBARGER 0227	1.28	1,341	444	4,049
WILLBARGER 0229	0.44	755	250	2,281
WILLBARGER 0230	0.22	287	95	866
WILLBARGER 0231	0.17	336	111	1,016
WILLBARGER 0232	0.37	692	229	2,088
WILLBARGER 0232	0.55	993	329	2,997
WILLBARGER 0233	0.18	464	154	1,401
WILLBARGER 0235	1.00	1,485	492	4,484
WILLBARGER 0235	1.15	1,569	520	4,739
WILLBARGER 0238	0.21	249	83	753
WILLBARGER 0239	0.12	342	113	1,032
WILLBARGER 0239	0.22	565	187	1,707
WILLBARGER 0240	0.08	234	77	705



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WILLBARGER 0241	0.79	955	316	2,884
WILLBARGER 0243	0.41	753	249	2,274
WILLBARGER 0243	0.94	1,481	490	4,473
WILLBARGER 0244	0.49	849	281	2,563
WILLBARGER 0247	0.62	828	274	2,501
WILLBARGER 0255	0.38	526	174	1,588
WILLBARGER 0256	0.15	264	87	796
WILLBARGER 0257	0.33	476	158	1,438
WILLBARGER 0258	0.20	479	159	1,446
WILLBARGER 0258	0.21	484	160	1,462
WILLBARGER 0260	0.96	1,155	382	3,488
WILLBARGER 0261	0.20	346	115	1,045
WILLBARGER 0263	0.13	190	63	574
WILLBARGER 0265	0.17	285	94	859
WILLBARGER 0266	0.55	742	246	2,240
WILLBARGER 0270	0.61	721	239	2,178
WILLBARGER 0276	0.17	280	93	846
WILLBARGER 0277	0.08	114	38	344
WILLBARGER 0278	0.03	35	12	105
WILLBARGER 0282	0.92	1,066	353	3,218
WILLBARGER 0286	0.50	678	225	2,048
WILLBARGER 0289	0.53	857	284	2,588
WILLBARGER 0294	0.04	114	38	345
WILLBARGER 0295	0.12	203	67	613
WILLBARGER 0296	0.22	403	133	1,217
WILLBARGER 0297	0.66	874	289	2,639
WILLBARGER 0298	1.01	1,255	416	3,790
WILLBARGER 0298	1.03	1,249	414	3,772
WILLBARGER 0299	0.34	691	229	2,087
WILLBARGER 0302	0.33	626	207	1,890
WILLBARGER 0304	0.49	822	272	2,483
WILLBARGER 0305	0.98	1,314	435	3,969
WILLBARGER 0305	1.10	1,460	483	4,408
WILLBARGER 0307	1.16	1,583	524	4,780
WILLBARGER 0307	1.62	1,973	653	5,960
WILLBARGER 0326	0.49	1,009	334	3,046
WILLBARGER 0326	0.85	1,685	558	5,088
WILLBARGER 0328	0.36	802	266	2,422
WILLBARGER 0329	0.45	770	255	2,325



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WILLBARGER 0334	0.23	418	138	1,263
WILLBARGER 0338	0.95	820	272	2,477
WILLBARGER 0340	0.13	311	103	940
WILLBARGER 0340	0.43	824	273	2,490
WILLBARGER 0341	0.20	419	139	1,266
WILLBARGER 0342	0.37	711	236	2,148
WILLBARGER 0344	0.96	793	263	2,394
WILLBARGER 0346	0.23	407	135	1,230
WILLBARGER 0346	0.82	1,280	424	3,864
WILLBARGER 0347	0.22	356	118	1,074
WILLBARGER 0351	0.34	448	148	1,353
WILLBARGER 0352	0.36	493	163	1,489
WILLBARGER 0352	0.93	1,232	408	3,721
WILLBARGER 0352	0.97	1,272	421	3,840
WILLBARGER 0354	0.57	422	140	1,274
WILLBARGER 0355	0.25	555	184	1,675
WILLBARGER 0358	0.12	314	104	948
WILLBARGER 0359	0.15	309	102	933
WILLBARGER 0359	0.33	630	209	1,903
WILLBARGER 0360	0.37	650	215	1,963
WILLBARGER 0360	0.78	1,215	402	3,669
WILLBARGER 0360	2.24	2,626	870	7,931
WILLBARGER 0360	2.72	3,016	999	9,108
WILLBARGER 0360	3.03	3,203	1,061	9,674
WILLBARGER 0360	3.49	3,485	1,154	10,526
WILLBARGER 0360	6.34	5,556	1,840	16,780
WILLBARGER 0360	6.98	5,886	1,949	17,776
WILLBARGER 0360	7.86	6,266	2,075	18,923
WILLBARGER 0360	8.14	6,334	2,097	19,128
WILLBARGER 0361	0.58	923	306	2,787
WILLBARGER 0362	0.20	435	144	1,313
WILLBARGER 0363	0.58	888	294	2,680
WILLBARGER 0363	1.04	1,468	486	4,435
WILLBARGER 0363	1.29	1,707	565	5,155
WILLBARGER 0363	2.27	2,736	906	8,262
WILLBARGER 0363	2.55	2,918	966	8,813
WILLBARGER 0364	0.28	614	203	1,853
WILLBARGER 0365	0.15	379	125	1,144
WILLBARGER 0366	0.56	1,030	341	3,111



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WILLBARGER 0366	0.89	1,456	482	4,396
WILLBARGER 0367	0.17	162	54	489
WILLBARGER 0370	0.59	1,027	340	3,102
WILLBARGER 0371	1.00	1,402	464	4,235
WILLBARGER 0371	1.14	1,551	514	4,685
WILLBARGER 0372	0.43	759	251	2,293
WILLBARGER 0372	1.48	2,105	697	6,357
WILLBARGER 0375	0.22	196	65	593
WILLBARGER 0376	1.01	1,481	490	4,473
WILLBARGER 0376	1.30	1,659	549	5,011
WILLBARGER 0382	0.81	1,062	352	3,206
WILLBARGER 0385	0.50	913	302	2,757
WILLBARGER 0386	0.60	943	312	2,847
WILLBARGER 0389	0.16	324	107	978
WILLBARGER 0390	0.18	373	124	1,127
WILLBARGER 0391	0.11	287	95	866
WILLBARGER 0394	0.09	186	62	563
WILLBARGER 0396	0.15	267	88	806
WILLBARGER 0397	0.59	1,013	335	3,059
WILLBARGER 0398	0.28	505	167	1,525
WILLBARGER 0400	0.85	1,417	469	4,281
WILLBARGER 0401	0.16	311	103	939
WILLBARGER 0408	0.13	196	65	592
WILLBARGER 0409	0.38	615	204	1,857
WILLBARGER 0410	0.30	559	185	1,689
WILLBARGER 0415	0.18	369	122	1,116
WILLBARGER 0416	0.13	348	115	1,050
WILLBARGER 0417	0.14	276	91	834
WILLBARGER 0418	0.11	219	72	661
WILLBARGER 0420	0.19	314	104	949
WILLBARGER 0422	0.28	548	182	1,656
WILLBARGER 0422	0.39	749	248	2,262
WILLBARGER 0422	0.70	1,211	401	3,658
WILLBARGER 0422	1.06	1,699	563	5,132
WILLBARGER 0423	0.09	219	73	663
WILLBARGER 0424	0.24	471	156	1,424
WILLBARGER 0425	0.11	223	74	673
WILLBARGER 0427	0.96	1,270	421	3,836
WILLBARGER 0430	0.37	672	223	2,030



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WILLBARGER 0432	0.32	572	190	1,729
WILLBARGER 0439	0.16	299	99	904
WILLBARGER 0442	0.49	683	226	2,064
WILLBARGER 0444	0.28	462	153	1,394
WILLBARGER 0448	0.12	241	80	728
WILLBARGER 0449	0.41	762	252	2,301
WILLBARGER 0450	1.01	1,412	467	4,263
WILLBARGER 0450	1.85	2,168	718	6,547
WILLBARGER 0456	0.23	438	145	1,321
WILLBARGER 0459	0.13	219	72	661
WILLBARGER 0460	0.08	118	39	355
WILLBARGER 0462	0.30	515	170	1,554
WILLBARGER 0464	0.41	880	291	2,657
WILLBARGER 0466	0.26	541	179	1,634
WILLBARGER 0466	0.60	1,080	358	3,261
WILLBARGER 0467	0.30	743	246	2,245
WILLBARGER 0468	0.17	408	135	1,233
WILLBARGER 0469	0.13	343	114	1,036
WILLBARGER 0471	0.17	464	154	1,401
WILLBARGER 0472	0.25	507	168	1,532
WILLBARGER 0474	0.28	575	190	1,737
WILLBARGER 0476	0.12	293	97	883
WILLBARGER 0480	0.62	677	224	2,043
WILLBARGER 0483	0.56	710	235	2,145
WILLBARGER 0486	0.45	785	260	2,370
WILLBARGER 0489	0.27	467	155	1,412
WILLBARGER 0489	1.01	1,124	372	3,394
WILLBARGER 0489	1.08	1,137	377	3,435
WILLBARGER 0490	0.14	317	105	959
WILLBARGER 0491	0.52	740	245	2,236
WILLBARGER 0493	0.16	352	117	1,063
WILLBARGER 0494	0.18	316	105	954
WILLBARGER 0494	0.39	642	213	1,939
WILLBARGER 0495	0.17	407	135	1,228
WILLBARGER 0496	0.35	658	218	1,988
WILLBARGER 0499	0.34	533	176	1,608
WILLBARGER 0501	0.07	176	58	532
WILLBARGER 0503	0.30	625	207	1,886
WILLBARGER 0504	0.15	177	58	534



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WILLBARGER 0506	0.09	102	34	307
WILLBARGER 0506	0.30	233	77	705
WILLBARGER 0506	0.52	350	116	1,056
WILLBARGER 0506	0.61	534	177	1,612
WILLBARGER 0507	0.02	28	9	85
WILLBARGER 0508	0.14	128	42	387
WILLBARGER 0509	1.18	1,586	525	4,790
WILLBARGER 0510	0.18	346	114	1,043
WILLBARGER 0516	2.14	2,521	835	7,612
WILLBARGER 0516	2.67	3,006	995	9,078
WILLBARGER 0516	3.53	3,709	1,228	11,202
WILLBARGER 0518	0.70	1,016	336	3,067
WILLBARGER 0522	1.14	1,789	592	5,402
WILLBARGER 0522	1.28	1,813	600	5,475
WILLBARGER 0525	0.24	229	76	690
WILLBARGER 0525	0.76	712	236	2,149
WILLBARGER 0526	0.24	237	79	716
WILLBARGER 0527	0.36	838	277	2,530
WILLBARGER 0528	0.19	472	156	1,426
WILLBARGER 0529	0.25	678	224	2,046
WILLBARGER 0530	0.78	1,268	420	3,828
WILLBARGER 0533	0.21	484	160	1,463
WILLBARGER 0535	0.06	168	56	509
WILLBARGER 0536	0.06	196	65	591
WILLBARGER 0537	0.17	434	144	1,312
WILLBARGER 0538	0.10	256	85	773
WILLBARGER 0540	0.51	960	318	2,899
WILLBARGER 0541	0.09	164	54	494
WILLBARGER 0542	0.62	1,160	384	3,502
WILLBARGER 0542	0.87	1,488	493	4,493
WILLBARGER 0543	0.15	282	93	852
WILLBARGER 0546	0.10	261	86	789
WILLBARGER 0550	0.17	427	141	1,290
WILLBARGER 0551	0.15	320	106	967
WILLBARGER 0554	0.26	604	200	1,825
WILLBARGER 0555	0.24	651	216	1,966
WILLBARGER 0556	0.25	580	192	1,751
WILLBARGER 0558	0.11	293	97	884
WILLBARGER 0558	0.45	1,018	337	3,074



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WILLBARGER 0559	0.19	453	150	1,368
WILLBARGER 0561	0.17	319	105	962
WILLBARGER 0562	0.20	395	131	1,192
WILLBARGER 0564	0.13	339	112	1,023
WILLBARGER 0565	0.28	636	211	1,920
WILLBARGER 0567	0.13	306	101	925
WILLBARGER 0568	0.79	1,370	454	4,138
WILLBARGER 0569	0.42	892	295	2,693
WILLBARGER 0569	0.60	1,190	394	3,595
WILLBARGER 0569	1.00	1,716	568	5,183
WILLBARGER 0569	1.10	1,793	594	5,416
WILLBARGER 0570	0.11	299	99	903
WILLBARGER 0571	0.17	410	136	1,237
WILLBARGER 0572	0.16	380	126	1,147
WILLBARGER 0573	0.16	357	118	1,078
WILLBARGER 0573	0.29	598	198	1,806
WILLBARGER 0573	0.91	1,305	432	3,940
WILLBARGER 0574	0.12	222	73	669
WILLBARGER 0575	0.13	241	80	728
WILLBARGER 0576	0.30	453	150	1,367
WILLBARGER 0577	0.37	611	202	1,844
WILLBARGER 0578	0.20	345	114	1,041
WILLBARGER 0578	0.60	884	293	2,670
WILLBARGER 0578	1.12	1,450	480	4,380
WILLBARGER 0578	1.56	1,846	611	5,575
WILLBARGER 0578	1.86	2,089	692	6,308
WILLBARGER 0578	2.19	2,236	740	6,753
WILLBARGER 0578	2.48	2,430	805	7,338
WILLBARGER 0578	3.02	2,676	886	8,082
WILLBARGER 0578	4.02	3,309	1,096	9,994
WILLBARGER 0578	4.16	3,413	1,130	10,308
WILLBARGER 0578	4.20	3,432	1,137	10,366
WILLBARGER 0578	4.51	3,550	1,175	10,721
WILLBARGER 0578	5.57	4,176	1,383	12,613
WILLBARGER 0578	6.22	4,443	1,471	13,419
WILLBARGER 0579	0.25	435	144	1,314
WILLBARGER 0580	0.19	401	133	1,210
WILLBARGER 0581	0.18	311	103	939
WILLBARGER 0582	0.15	277	92	837



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WILLBARGER 0584	0.24	368	122	1,112
WILLBARGER 0584	0.78	918	304	2,772
WILLBARGER 0585	0.22	300	99	907
WILLBARGER 0586	0.14	318	105	960
WILLBARGER 0587	0.02	54	18	162
WILLBARGER 0588	0.13	336	111	1,014
WILLBARGER 0589	0.37	662	219	1,998
WILLBARGER 0591	0.40	738	244	2,230
WILLBARGER 0591	0.80	1,334	442	4,030
WILLBARGER 0593	0.33	677	224	2,046
WILLBARGER 0594	0.13	231	77	698
WILLBARGER 0597	0.44	841	278	2,538
WILLBARGER 0598	0.29	615	204	1,859
WILLBARGER 0599	0.59	721	239	2,178
WILLBARGER 0599	0.94	1,090	361	3,292
WILLBARGER 0600	0.12	241	80	728
WILLBARGER 0601	0.12	253	84	764
WILLBARGER 0601	0.30	562	186	1,696
WILLBARGER 0603	0.57	1,033	342	3,119
WILLBARGER 0603	1.00	1,556	515	4,700
WILLBARGER 0603	1.06	1,590	526	4,801
WILLBARGER 0605	0.27	442	146	1,334
WILLBARGER 0607	0.58	927	307	2,799
WILLBARGER 0607	1.00	1,387	459	4,189
WILLBARGER 0608	0.26	476	157	1,436
WILLBARGER 0609	0.20	381	126	1,150
WILLBARGER 0610	0.15	255	84	769
WILLBARGER 0612	0.40	673	223	2,032
WILLBARGER 0612	0.66	1,346	446	4,065
WILLBARGER 0613	0.17	260	86	784
WILLBARGER 0614	0.25	542	180	1,638
WILLBARGER 0615	0.38	583	193	1,760
WILLBARGER 0617	0.19	329	109	995
WILLBARGER 0618	0.11	272	90	821
WILLBARGER 0619	0.20	368	122	1,113
WILLBARGER 0620	0.09	194	64	587
WILLBARGER 0621	0.11	220	73	664
WILLBARGER 0622	0.28	455	151	1,373
WILLBARGER 0623	0.23	388	129	1,172



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WILLBARGER 0626	0.54	591	196	1,786
WILLBARGER 0627	0.18	302	100	913
WILLBARGER 0627	0.63	844	280	2,550
WILLBARGER 0628	0.21	235	78	709
WILLBARGER 0629	0.43	779	258	2,352
WILLBARGER 0629	1.04	1,631	540	4,926
WILLBARGER 0630	0.35	471	156	1,423
WILLBARGER 0631	0.32	418	139	1,264
WILLBARGER 0632	0.42	784	260	2,369
WILLBARGER 0633	0.16	347	115	1,047
WILLBARGER 0634	0.64	846	280	2,556
WILLBARGER 0635	0.11	209	69	631
WILLBARGER 0636	0.59	1,032	342	3,118
WILLBARGER 0637	0.35	726	240	2,193
WILLBARGER 0638	0.61	806	267	2,434
WILLBARGER 0638	1.10	1,215	402	3,668
WILLBARGER 0640	0.49	964	319	2,911
WILLBARGER 0642	0.82	1,049	348	3,169
WILLBARGER 0642	1.25	1,507	499	4,550
WILLBARGER 0642	2.39	2,180	722	6,582
WILLBARGER 0642	2.83	2,454	813	7,412
WILLBARGER 0642	3.52	2,764	915	8,347
WILLBARGER 0642	4.48	3,229	1,069	9,752
WILLBARGER 0643	0.38	629	208	1,901
WILLBARGER 0644	0.09	150	50	454
WILLBARGER 0645	0.41	482	160	1,457
WILLBARGER 0646	0.49	616	204	1,861
WILLBARGER 0647	0.57	779	258	2,353
WILLBARGER 0648	0.40	393	130	1,188
WILLBARGER 0655	0.69	1,134	375	3,423
WILLBARGER 0657	0.37	664	220	2,005
WILLBARGER 0658	0.27	459	152	1,387
WILLBARGER 0659	0.53	790	262	2,385
WILLBARGER 0659	1.00	1,334	442	4,030
WILLBARGER 0659	1.09	1,398	463	4,222
WILLBARGER 0661	0.35	595	197	1,797
WILLBARGER 0666	0.63	659	218	1,989
WILLBARGER 0667	0.08	233	77	703
WILLBARGER 0668	0.79	1,614	534	4,874



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WILLBARGER 0668	0.92	1,793	594	5,414
WILLBARGER 0668	1.64	2,866	949	8,655
WILLBARGER 0673	0.40	767	254	2,317
WILLBARGER 0675	0.92	1,807	599	5,458
WILLBARGER 0677	0.38	969	321	2,927
WILLBARGER 0682	1.00	1,782	590	5,381
WILLBARGER CREEK	0.79	1,186	393	3,580
WILLBARGER CREEK	1.71	1,973	653	5,959
WILLBARGER CREEK	2.60	2,795	925	8,440
WILLBARGER CREEK	3.24	3,167	1,049	9,563
WILLBARGER CREEK	3.99	3,708	1,228	11,198
WILLBARGER CREEK	4.97	4,318	1,430	13,041
WILLBARGER CREEK	5.48	4,350	1,440	13,136
WILLBARGER CREEK	5.95	4,609	1,526	13,920
WILLBARGER CREEK	6.67	4,779	1,582	14,431
WILLBARGER CREEK	7.67	5,251	1,739	15,857
WILLBARGER CREEK	8.25	5,395	1,787	16,294
WILLBARGER CREEK	8.67	5,613	1,859	16,950
WILLBARGER CREEK	8.72	5,598	1,854	16,906
WILLBARGER CREEK	8.99	5,722	1,895	17,279
WILLBARGER CREEK	9.28	5,778	1,913	17,450
WILLBARGER CREEK	23.79	11,788	3,903	35,599
WILLBARGER CREEK	24.30	11,692	3,872	35,309
WILLBARGER CREEK	24.63	11,633	3,852	35,130
WILLBARGER CREEK	25.49	11,651	3,858	35,185
WILLBARGER CREEK	25.86	11,733	3,885	35,432
WILLBARGER CREEK	29.68	12,983	4,299	39,208
WILLBARGER CREEK	30.97	13,399	4,437	40,465
WILLBARGER CREEK	31.52	13,225	4,379	39,939
WILLBARGER CREEK	34.30	13,886	4,598	41,935
WILLBARGER CREEK	34.77	13,994	4,634	42,260
WILLBARGER CREEK	35.07	13,954	4,621	42,140
WILLBARGER CREEK	35.36	13,968	4,625	42,182
WILLBARGER CREEK	35.76	14,018	4,642	42,334
WILLBARGER CREEK	36.39	14,114	4,674	42,624
WILLBARGER CREEK	38.49	14,671	4,858	44,306
WILLBARGER CREEK	38.81	14,703	4,868	44,401
WILLBARGER CREEK	39.78	14,927	4,943	45,079
WILLBARGER CREEK	39.87	14,867	4,923	44,897



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WILLBARGER CREEK	40.58	15,043	4,981	45,429
WILLBARGER CREEK	41.54	15,180	5,027	45,842
WILLBARGER CREEK	43.22	15,630	5,176	47,203
WILLBARGER CREEK	44.46	15,928	5,274	48,101
WILLBARGER CREEK	44.81	15,989	5,295	48,287
WILLBARGER CREEK	45.05	16,064	5,319	48,513
WILLBARGER CREEK	45.57	16,014	5,303	48,362
WILLBARGER CREEK	46.51	16,261	5,384	49,107
WILLBARGER CREEK	48.31	16,579	5,490	50,068
WILLBARGER CREEK	49.17	16,856	5,582	50,904
WILLBARGER CREEK	111.98	30,953	10,249	93,476
WILLBARGER CREEK	130.68	34,549	11,440	104,337
WILLBARGER CREEK	131.04	34,612	11,461	104,528
WILLBARGER CREEK	131.05	34,596	11,456	104,479
WILLBARGER CREEK	132.02	34,666	11,479	104,690
WILLBARGER CREEK	132.98	34,644	11,472	104,625
WILLBARGER CREEK	133.20	34,468	11,414	104,093
WILLBARGER CREEK	133.40	34,507	11,426	104,210
WILLBARGER CREEK	140.38	35,608	11,791	107,535
WILLBARGER CREEK	140.95	35,451	11,739	107,059
WILLBARGER CREEK	141.53	35,487	11,751	107,169
WILLBARGER CREEK	145.02	35,939	11,901	108,535
WILLBARGER CREEK	145.86	35,828	11,864	108,198
WILLBARGER CREEK	146.37	35,830	11,864	108,205
WILLBARGER CREEK	147.05	35,681	11,815	107,756
WILLBARGER CREEK	148.35	35,734	11,833	107,916
WILLBARGER CREEK	148.73	35,774	11,846	108,036
WILLBARGER CREEK	161.07	37,618	12,457	113,606
WILLBARGER CREEK	162.95	37,681	12,477	113,795
WILLBARGER CREEK	163.87	37,809	12,520	114,180
WILLBARGER CREEK	164.30	37,798	12,516	114,147
WILLBARGER CREEK	165.39	37,722	12,491	113,918
WILLBARGER CREEK	170.79	38,439	12,728	116,084
WILLBARGER CREEK	172.49	38,699	12,814	116,869
WILLBARGER CREEK	173.26	39,603	13,114	119,599
WILLBARGER CREEK	176.37	39,837	13,191	120,306
WILLBARGER CREEK	177.36	39,950	13,229	120,647
WILLBARGER CREEK	178.40	39,836	13,191	120,304
WILLBARGER CREEK	181.30	39,806	13,181	120,211



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WILLBARGER CREEK TRIBUTARY 1	0.33	702	232	2,120
WILLBARGER CREEK TRIBUTARY 1	0.63	1,180	391	3,562
WILLBARGER CREEK TRIBUTARY 1	1.00	1,644	544	4,964
WILLBARGER CREEK TRIBUTARY 1	1.85	2,613	865	7,890
WILLBARGER CREEK TRIBUTARY 2	0.65	1,041	345	3,143
WILLBARGER CREEK TRIBUTARY 2	1.76	2,404	796	7,259
WILLBARGER CREEK TRIBUTARY 2	2.29	2,890	957	8,727
WILLBARGER CREEK TRIBUTARY 2	2.83	3,301	1,093	9,968
WILLBARGER CREEK TRIBUTARY 3	1.13	1,929	639	5,826
WILLBARGER CREEK TRIBUTARY 3	1.28	2,076	687	6,270
WILLBARGER CREEK TRIBUTARY 3	1.68	2,530	838	7,642
WILLBARGER CREEK TRIBUTARY 4	1.19	1,591	527	4,805
WILLBARGER CREEK TRIBUTARY 4	1.32	1,600	530	4,831
WILLBARGER CREEK TRIBUTARY 4	2.93	2,764	915	8,347
WILLBARGER CREEK TRIBUTARY 4	3.62	3,273	1,084	9,885
WILLBARGER CREEK TRIBUTARY 4	4.49	3,863	1,279	11,667
WILLBARGER CREEK TRIBUTARY 4	4.66	3,934	1,303	11,880
WILLBARGER CREEK TRIBUTARY 4	4.85	3,988	1,320	12,043
WILLBARGER CREEK TRIBUTARY 4	5.16	4,208	1,393	12,707
WILLBARGER CREEK TRIBUTARY 6	0.25	441	146	1,333
WILLBARGER CREEK TRIBUTARY 6	1.00	1,322	438	3,993
WILLBARGER CREEK TRIBUTARY 6	1.28	1,505	498	4,544
WILLBARGER CREEK TRIBUTARY 6	1.93	2,004	664	6,053
WILLBARGER CREEK TRIBUTARY 6	3.33	3,171	1,050	9,577
WILLBARGER TRIBUTARY 9	1.00	1,188	393	3,587
WILLBARGER TRIBUTARY 9	1.16	1,357	449	4,098
WILLBARGER TRIBUTARY 9	1.33	1,445	478	4,364
WILLBARGER TRIBUTARY 9	1.52	1,578	523	4,767
WILLBARGER TRIBUTARY 9	2.00	1,994	660	6,021
WILLBARGER TRIBUTARY 9	2.24	2,155	714	6,507
WILLBARGER TRIBUTARY 9	3.00	2,702	895	8,160
WILLBARGER TRIBUTARY 9	3.26	2,766	916	8,352
WILLBARGER TRIBUTARY 9	3.97	3,227	1,068	9,744
WILLBARGER TRIBUTARY 9	4.13	3,256	1,078	9,834
WILLBARGER TRIBUTARY 9	6.13	4,167	1,380	12,583
WILLBARGER TRIBUTARY 9	6.89	4,593	1,521	13,871
WILLOW CREEK	1.06	1,314	435	3,968
WILLOW CREEK	1.93	1,933	640	5,837
WILLOW CREEK	2.94	2,765	916	8,350



Stream Name	Drainage Area (sq. mi.)	1% Peak Discharge (cfs)	1%- Peak Discharge (cfs)	1%+ Peak Discharge (cfs)
WILLOW CREEK	3.94	3,480	1,152	10,508
WILLOW CREEK	4.55	3,617	1,198	10,924
WILLOW CREEK	5.18	3,859	1,278	11,654
WILLOW CREEK	6.03	4,117	1,363	12,434
WILLOW CREEK	11.25	6,750	2,235	20,385
WILLOW CREEK	11.52	6,811	2,255	20,569
WILLOW CREEK	13.37	7,233	2,395	21,844
WILLOW CREEK	13.91	7,281	2,411	21,989
WILLOW CREEK	14.78	7,316	2,423	22,094
WILLOW CREEK	15.29	7,247	2,400	21,886
WILLOW CREEK	21.39	9,365	3,101	28,281
WILLOW CREEK	22.10	9,380	3,106	28,326
WILLOW CREEK	22.72	9,374	3,104	28,310
YAUPON CREEK	0.12	191	63	578



Appendix B BLE Map

