Prepared in cooperation with the Alabama Department of Transportation

# Magnitude and Frequency of Floods in Alabama, 2003

Scientific Investigations Report 2007–5204

U.S. Department of the Interior
U.S. Geological Survey

**Front and Back Covers.** **Flooding on the Tallapoosa River at Wadley, Alabama, May 2003** *(front cover photograph was taken by Donald Knight, Randolph County Emergency Management Agency, and back cover photograph was taken by Mark Knight, Randolph County Emergency Management Agency)*.

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By T.S. Hedgecock and Toby D. Feaster

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**U.S. Department of the Interior**
DIRK KEMPTHORNE, Secretary

**U.S. Geological Survey**
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Suggested citation:
Hedgecock, T.S., and Feaster, T.D., 2007, Magnitude and frequency of floods in Alabama, 2003: U.S. Geological Survey Scientific Investigations Report 2007–5204, 28 p., + app. (available online at http://pubs.water.usgs.gov/sir2007-5204)

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## Conversion Factors

Inch/Pound to SI

| Multiply | By | To obtain |
|---|---|---|
| | Length | |
| inch (in.) | 2.54 | centimeter (cm) |
| foot (ft) | 0.3048 | meter (m) |
| mile (mi) | 1.609 | kilometer (km) |
| | Area | |
| square mile ($mi^2$) | 2.590 | square kilometer ($km^2$) |
| | Volume | |
| acre-foot (acre-ft) | 1,233 | cubic meter ($m^3$) |
| | Flow rate | |
| cubic foot per second ($ft^3/s$) | 0.02832 | cubic meter per second ($m^3/s$) |
| | Hydraulic gradient | |
| foot per mile (ft/mi) | 0.1894 | meter per kilometer (m/km) |

Vertical coordinate information is referenced to the National Geodetic Vertical Datum of 1929 (NGVD 29).

Horizontal coordinate information is referenced to the North American Datum of 1983 (NAD 83).

Elevation, as used in this report, refers to distance above the vertical datum.

# Magnitude and Frequency of Floods in Alabama, 2003

By T.S. Hedgecock and Toby D. Feaster

## Abstract

Methods of estimating flood magnitudes for recurrence intervals of 1.5, 2, 5, 10, 25, 50, 100, 200, and 500 years have been developed for rural streams in Alabama that are not affected by regulation or urbanization. Regression relations were developed using generalized least-squares regression techniques to estimate flood magnitude and frequency on ungaged streams as a function of the basin drainage area. These methods are based on flood-frequency characteristics for 169 gaging stations in Alabama and 47 gaging stations in adjacent states having 10 or more years of record through September 2003. Graphical relations of peak flows to drainage areas are presented for sites along the Alabama, Coosa, Tallapoosa, Tennessee, Tombigbee, and Black Warrior Rivers. Equations that account for drainage area and percentage of impervious cover as independent variables also are provided for estimating flood magnitudes on ungaged urban streams (taken from a previous report).

## Introduction

The magnitude and frequency of floods are important factors in the design of bridges, culverts, highway embankments, dams, and other structures near streams and rivers. Flood-plain management plans and flood-insurance rates also require information on the magnitude and frequency of floods.

The Alabama Department of Transportation needs accurate flood-frequency information to efficiently design drainage structures in Alabama. To meet this need, the U.S. Geological Survey (USGS), in cooperation with the Alabama Department of Transportation, conducted a study to update previous flood-frequency reports based on peak-flow data collected through September 2003 from gaging stations.

### Purpose and Scope

The information in this report updates previously published flood-frequency information for Alabama by providing methods of estimating the magnitude and frequency of floods at ungaged streams and provides frequency estimates of peak flow using peak-flow data collected through September 2003 at streamflow-gaging stations. Included in this report are regional equations for estimating the magnitude of floods having recurrence intervals of 1.5, 2, 5, 10, 25, 50, 100, 200, and 500 years for ungaged and unregulated rural streams; methods for estimating the magnitude and frequency of floods at or near gaging stations; and flood-frequency data on main-stem streams with drainage basins located in more than one region. Equations for estimating flood magnitudes for recurrence intervals of 2, 5, 10, 25, 50, and 100 years for ungaged urban streams, as described by Olin and Bingham (1982), also are presented.

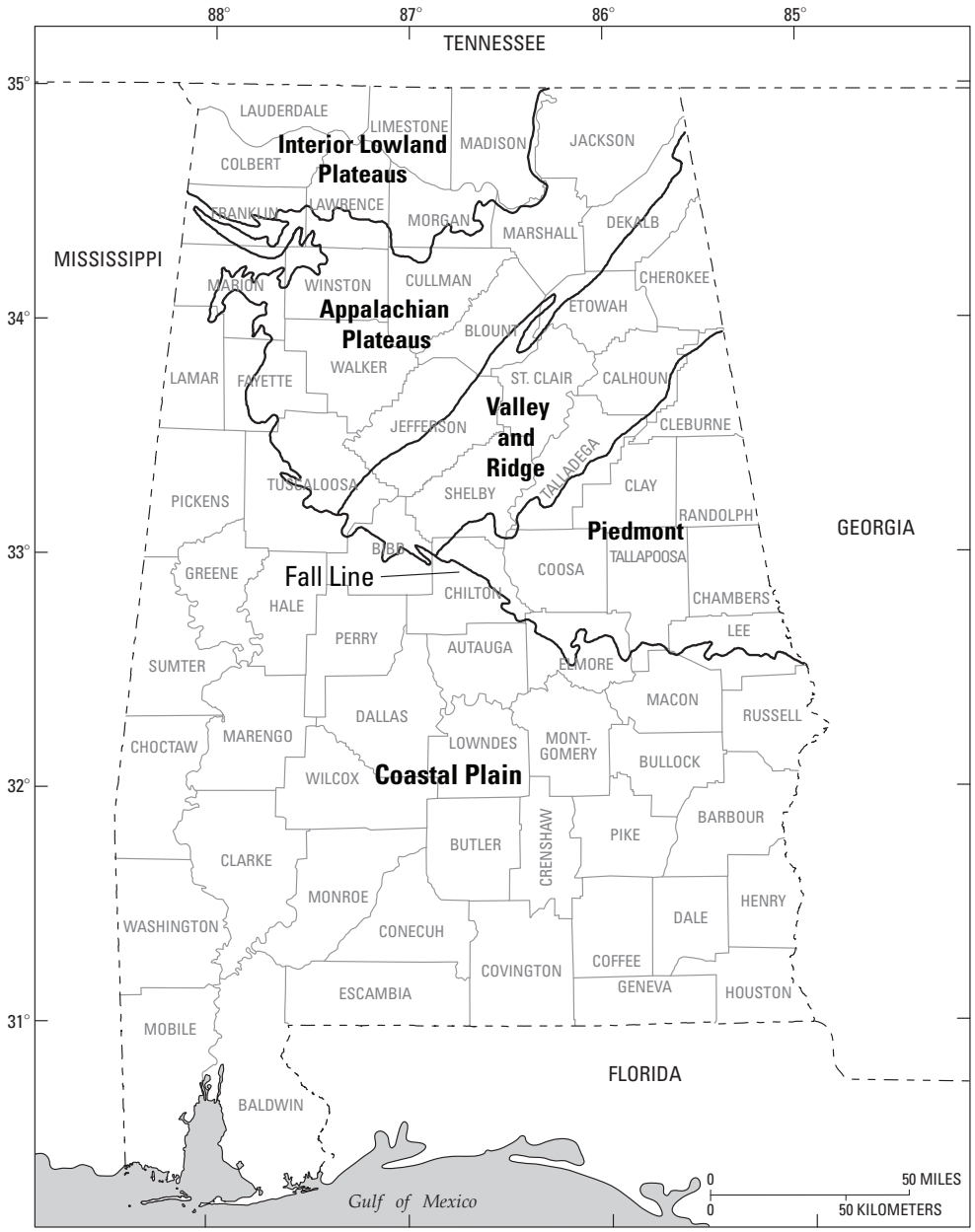
### Previous Studies

Magnitude and frequency of floods in Alabama have been described by Pierce (1954), Speer and Gamble (1964), Gamble (1965), Barnes and Golden (1966), Hains (1973), Olin (1984), and Atkins (1996). Magnitude and frequency of floods for rural streams with small drainage areas have been described by Olin and Bingham (1977) and Hedgecock (2004), and for urban streams by Olin and Bingham (1982).

### Description of the Study Area

The study area includes all of Alabama, which covers an area of about 51,600 square miles ($mi^2$) in five physiographic provinces—Coastal Plain, Piedmont, Valley and Ridge, Appalachian Plateaus, and Interior Lowland Plateaus (fig. 1). The area north of the Fall Line, which delineates the contact of the Coastal Plain with the other provinces, has a diverse topography with land-surface elevations ranging from 200 to 2,400 feet (ft) above the National Geodetic Vertical Datum of 1929 (NGVD 29). In the Coastal Plain, elevations range from zero to 1,000 ft above NGVD 29 in the northwestern part of the State. The land surface generally slopes to the south and west.

Average annual precipitation ranges from about 50 inches in central and west-central Alabama to about 65 inches near the Gulf of Mexico and averages about 55 inches Statewide. Rainfall in Alabama generally is associated with the movement of warm and cold fronts across the State from November through April and isolated summer thunderstorms from May through October. Occasionally, tropical storms or hurricanes




Base from U.S. Geological Survey digital data, 1:100,000, Universal Transverse Mercator Projection, Zone 16.

**Figure 1.** Locations of physiographic provinces in Alabama.

that enter the State along the gulf coast produce unusually heavy amounts of rainfall (U.S. Geological Survey, 1986).

Average annual runoff varies from approximately 18 to 30 inches. Runoff typically is greatest during February through April and least when rainfall decreases during September through November (U.S. Geological Survey, 1986).

## Flood Data Used in the Analysis

This study is based on peak-flow data collected through September 2003 at 216 rural gaging stations having 10 or more years of record. Of these 216 stations, 169 were located in Alabama and 47 were located in the adjacent States of Florida, Georgia, Mississippi, and Tennessee near the Alabama State boundary. Only gaging stations with well-defined ratings (stage to flow relation) were used in this study. Many gaging-station ratings were improved and extended using a one-dimensional step-backwater model (Shearman, 1990). The peak-flow records used in the study were not significantly affected by human influence, such as the effects of reservoirs, channelization, and urbanization. The appendix of this report contains supplemental data, including peak-flow records for stations in Alabama, and information on the location, type of gage, drainage area, period of record, annual peak-stage records, randomly collected historical data, and other pertinent remarks.

## Flood Magnitude and Frequency at Gaging Stations

A flood-frequency relation is the relation of peak flow to probability of exceedance or recurrence interval. Probability of exceedance refers to the chance that a given peak flow will be exceeded in any one year. For example, the probability that a 25-year flood will be exceeded in any given year is 0.04 (or a 4-percent chance). Recurrence interval is the reciprocal of the probability of exceedance and is the average number of years between exceedances for a long period of record. A 25-year flood may be expected to be exceeded, on average, once in 25 years or four times in 100 years. This does not mean, however, that floods occur at uniformly spaced intervals of time; rather, a flood peak of this magnitude can be exceeded more than once in the same year or can occur in consecutive years.

The flood-frequency relation for a stream having 10 or more years of streamgaging record can be defined by fitting

a theoretical frequency distribution to the logarithms of water-year[1] peak flows (largest instantaneous flow for each year). The Interagency Advisory Committee on Water Data (1982) identified fitting a Pearson Type III distribution to the logarithms of water-year peak flows as the recommended, consistent method for determining flood magnitudes and frequencies. Commonly referred to as the log-Pearson Type III frequency analysis, this technique generally is accepted by most Federal and State agencies. Water-year peak flows for each gaging station used in this study were fitted to the log-Pearson Type III distribution (Interagency Advisory Committee on Water Data, 1982). Flood magnitudes for recurrence intervals of 1.5, 2, 5, 10, 25, 50, 100, 200, and 500 years were computed for each station by using the following equation:

$$\log Q_p = M_x + K_p S_x \tag{1}$$

where

$Q_p$ is the flood magnitude at a selected exceedance probability $p$;

$M_x$ is the mean of the logarithms of the water-year peak flows;

$K_p$ is a Pearson Type III factor for a coefficient of skewness ($G$) computed from the logarithms of the water-year peak flows and a selected probability $p$; and

$S_x$ is the standard deviation of the logarithms of the water-year peak flows.

The flood magnitudes for the previously identified recurrence intervals are listed in table 1 (at the end of the report). Station frequency estimates also are listed in table 1 regardless of whether or not they were used in the regional regression analyses. Frequency estimates were not computed for sites on streams affected by significant hydroelectric or storage regulation, or both.

# Regional Flood-Frequency Analysis

The flood magnitudes obtained from station frequency curves were related to basin characteristics by using generalized least squares (GLS) multiple-regression analysis. Stedinger and Tasker (1985, 1986) have shown that GLS regression analysis can provide more accurate estimates of regression coefficients, better estimates of the accuracy of the regression coefficients, and better estimates of the regression model error than ordinary least squares (OLS) regression analysis. Ordinary least squares regression analysis does not account for the errors associated with estimates of flood magnitude varying with length of observed record, nor does it account for the cross correlation of concurrent peak discharge data between sites. Generalized least squares regression analysis accounts for these errors by using a weighting matrix so that sites are weighted proportionally according to standard errors and cross-correlation of the peak discharge estimates. By using basin characteristics that were computed for each gage in 2004 from Geographic Information System (GIS) coverages, the equations resulting from these analyses can be used to estimate flood magnitudes at ungaged sites. The following basin characteristics were tested for significance in the GLS regression analysis:

- contributing drainage area ($A$), in square miles, upstream from the gaging station;
- main channel slope ($S$), in feet per mile, between points 10 and 85 percent of the distance from the gaging station to the basin divide;
- main channel length ($L$), in miles, between the gaging station and the basin divide;
- lag-time factor ($T$), defined by the ratio $L/S^{0.5}$ with $L$ and $S$ defined above;
- forest cover ($F$), in percent, percentage of the total contributing drainage area covered by forests;
- storage ($St$), in percent, percentage of the total contributing drainage area covered by lakes, ponds, and swamps; and
- width-to-length ratio ($W/L$), the average basin width to basin length. The average basin width ($W$) is the drainage area ($A$) divided by the main channel length ($L$). This ratio is essentially a basin shape factor.

Multiple regression analyses were performed relating the station frequency curves to basin characteristics using OLS regression techniques. Results of the analyses showed that contributing drainage area, main channel slope, forest cover, and storage were the four explanatory variables having the greatest statistical significance in relation to peak flows predicted at the streamflow-gaging stations. Each of these basin characteristics was used in GLS regression analyses.

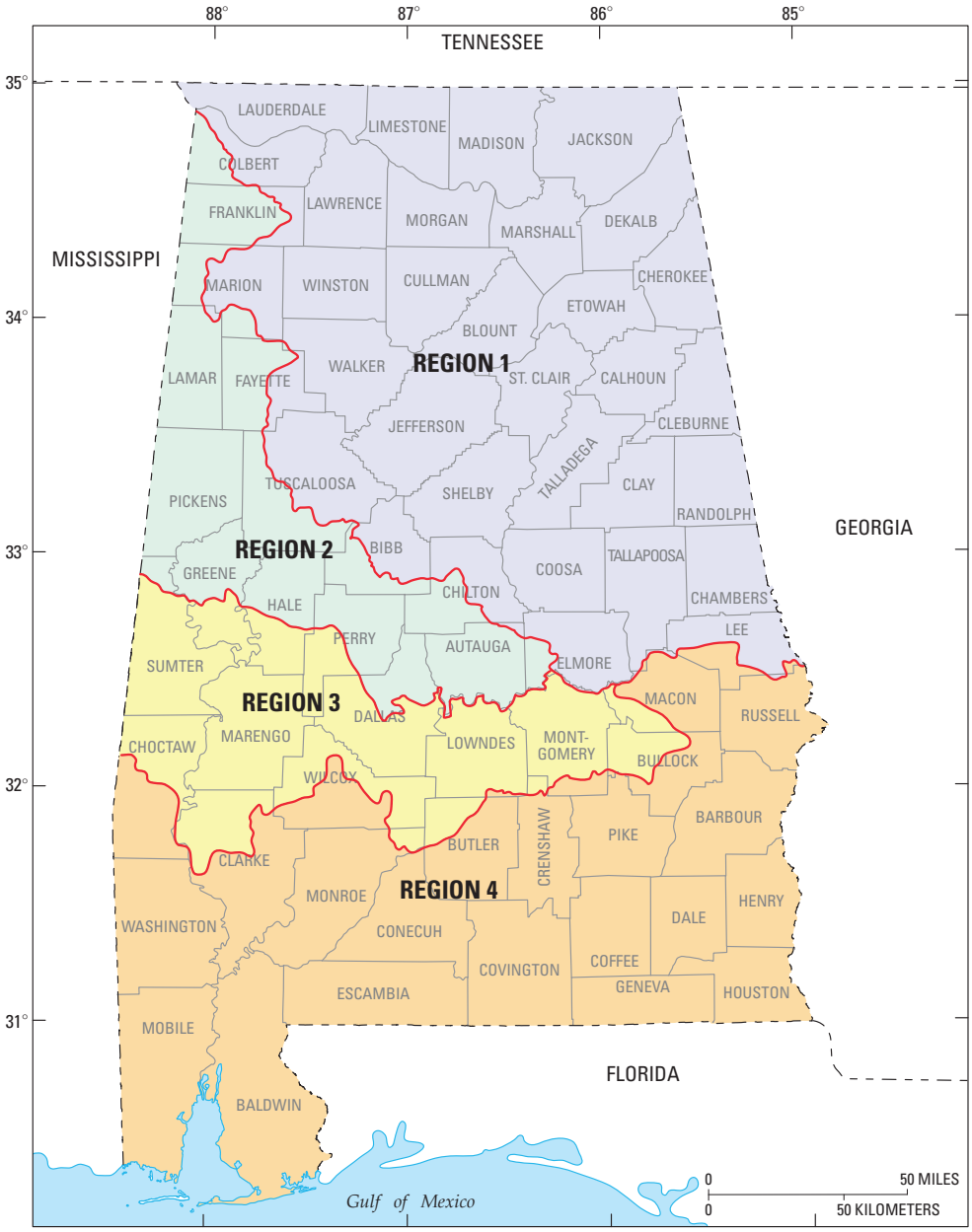
Initial GLS regression analyses were performed for all the gaging stations included in the study, and multiple combinations of the four explanatory variables listed above were used. These regressions were used in the development of statewide regression equations. Statewide regression equations that included drainage area as the only explanatory variable had standard errors of prediction that were within 1 percent of the standard errors, produced from equations that included the other three variables. Consequently, the statewide regression

[1]Water year is the period October 1 to September 30 and is designated by the year in which the period ends.

equations that included drainage area as the only explanatory variable were used for regionalization purposes.

The residuals for each gaging station were plotted on a State map and inspected for geographic bias. The residuals plot indicated the presence of geographic biases or clusters, and the four flood regions shown in figure 2 were delineated for Alabama based on the residuals plot, previous flood-frequency studies, drainage area maps, geologic maps, and physiographic maps.

Separate GLS multiple regression analyses were performed for each of the four flood regions, and the standard errors were reduced in comparison to a single Statewide GLS regression relation. In each flood region, the contributing drainage area was the most statistically significant variable. Addition of other significant variables did not decrease the standard error of prediction by more than 1 percent. Therefore, contributing drainage area was the only variable retained in the regression analyses.




Base from U.S. Geological Survey digital data, 1:100,000, Universal Transverse Mercator Projection, Zone 16.

**Figure 2.** Locations of the four flood regions in Alabama.

Generalized least squares regression analysis, using contributing drainage area as the only explanatory variable, was applied to the four flood regions identified earlier. The flood-frequency relations for the four flood regions are summarized in table 2.

**Table 2.** Regional flood-frequency relations for rural streams in Alabama.

[Note: Associated mean standard errors of prediction and equivalent years of record are listed in table 3. *Q*, flood discharge, in cubic feet per second; *A*, contributing drainage area, in square miles]

| Recurrence interval (years) | Regression equations for the indicated flood regions | | | |
|---|---|---|---|---|
| | Region 1 | Region 2 | Region 3 | Region 4 |
| 1.5 | $Q = 184\,A^{0.666}$ | $Q = 126\,A^{0.663}$ | $Q = 254\,A^{0.565}$ | $Q = 157\,A^{0.586}$ |
| 2 | $Q = 250\,A^{0.656}$ | $Q = 166\,A^{0.660}$ | $Q = 322\,A^{0.578}$ | $Q = 204\,A^{0.590}$ |
| 5 | $Q = 466\,A^{0.636}$ | $Q = 291\,A^{0.652}$ | $Q = 562\,A^{0.593}$ | $Q = 367\,A^{0.590}$ |
| 10 | $Q = 650\,A^{0.623}$ | $Q = 393\,A^{0.648}$ | $Q = 802\,A^{0.592}$ | $Q = 499\,A^{0.588}$ |
| 25 | $Q = 918\,A^{0.610}$ | $Q = 532\,A^{0.645}$ | $Q = 1{,}206\,A^{0.586}$ | $Q = 692\,A^{0.584}$ |
| 50 | $Q = 1{,}137\,A^{0.601}$ | $Q = 642\,A^{0.643}$ | $Q = 1{,}559\,A^{0.583}$ | $Q = 857\,A^{0.580}$ |
| 100 | $Q = 1{,}368\,A^{0.593}$ | $Q = 763\,A^{0.641}$ | $Q = 1{,}930\,A^{0.584}$ | $Q = 1{,}036\,A^{0.578}$ |
| 200 | $Q = 1{,}609\,A^{0.587}$ | $Q = 899\,A^{0.638}$ | $Q = 2{,}306\,A^{0.588}$ | $Q = 1{,}229\,A^{0.577}$ |
| 500 | $Q = 1{,}943\,A^{0.579}$ | $Q = 1{,}109\,A^{0.634}$ | $Q = 2{,}798\,A^{0.598}$ | $Q = 1{,}502\,A^{0.576}$ |

The accuracy of a flood-frequency relation can be expressed in two ways—the mean standard error of prediction (*SEp*) or as equivalent years of record. The *SEp* is a measure of how well the regression relation estimates flood magnitudes when applied to ungaged basins. The *SEp* is the square root of the mean square error of prediction, *MSEp*. The *MSEp* is the sum of two components—the mean square error resulting from the model and the sampling mean square error, which results from estimating the model parameters from samples of the population. The *SEp* ranged from a minimum of 18 percent (region 2) to a maximum of 54 percent (region 3). The *SEp* also can be expressed as equivalent years of record (Hardison, 1971). These equivalent years of record (*EY*) represent the number of years of peak-discharge record that are needed to provide a flood estimate with accuracy equal to that of the regression relation flood estimate. For example, the 100-year flood can be estimated from the region-1 regression relation with the same degree of accuracy as that obtained from 10 years of actual peak-discharge record. The equivalent years of record is a function of the accuracy of the regression equations, the recurrence interval, and the average variance and the skew of peak flows at gaging stations (Hardison, 1971). Regression equations having similar *SEp* can have very different *EY* based on the differences between the average standard deviaton and skew of peak flows between regions. The *SEp* and the equivalent years of record for the regression relations are listed in table 3.

## Accuracy and Limitations of Flood-Frequency Estimates

The regression relations are valid for ungaged basins where the drainage area is within the minimum and maximum drainage areas used in the regression analysis. The range of applicable drainage areas for each flood region is as follows:

| | |
|---|---|
| Flood region 1 | 0.50 to 1,027 $mi^2$ |
| Flood region 2 | 0.44 to 1,097 $mi^2$ |
| Flood region 3 | 0.45 to 607 $mi^2$ |
| Flood region 4 | 0.76 to 1,344 $mi^2$ |

**Table 3.** Accuracy of regional flood-frequency relations for rural streams in Alabama.

[n= number of streamgages used in regional regressions]

| Recurrence interval (years) | Region 1 (n=100) | | Region 2 (n=33) | | Region 3 (n=19) | | Region 4 (n=64) | |
|---|---|---|---|---|---|---|---|---|
| | Mean standard error of prediction (percent) | Equivalent years of record | Mean standard error of prediction (percent) | Equivalent years of record | Mean standard error of prediction (percent) | Equivalent years of record | Mean standard error of prediction (percent) | Equivalent years of record |
| 1.5 | 36 | 3 | 47 | 2 | 54 | 2 | 37 | 4 |
| 2 | 34 | 3 | 41 | 2 | 48 | 2 | 33 | 5 |
| 5 | 33 | 4 | 29 | 6 | 36 | 6 | 26 | 11 |
| 10 | 33 | 6 | 23 | 14 | 30 | 12 | 24 | 18 |
| 25 | 34 | 8 | 18 | 31 | 26 | 26 | 25 | 26 |
| 50 | 36 | 9 | 18 | 39 | 24 | 38 | 27 | 28 |
| 100 | 38 | 10 | 18 | 40 | 23 | 50 | 29 | 28 |
| 200 | 40 | 10 | 22 | 36 | 24 | 59 | 33 | 27 |
| 500 | 43 | 11 | 27 | 30 | 25 | 63 | 37 | 26 |

The regression relations should not be used where dams, flood-detention structures, and channelization have a significant effect on peak discharges nor should they be used for streams in urban areas unless the effects of urbanization are insignificant, (for sites in urban areas, the methods described by Olin and Bingham (1982) are recommended). Reliability of the regression relations for drainage areas outside of the flood region limits is unknown.

## Use of Flood-Frequency Relations

Regional flood-frequency equations or relations can be used to estimate flood magnitudes at ungaged sites or improve estimates at gaged sites. Methods are presented in the following sections that describe procedures for use in obtaining these estimates.

### Gaged Sites

Flood estimates at gaged sites for a selected recurrence interval can be determined best by weighting the regional and station flood estimates for the specified recurrence interval using the number of years of station record and the accuracy of the regional flood-frequency relations expressed as equivalent years of record. This procedure for estimating flood magnitude for a given recurrence interval at gaged sites is expressed in the following equation (Interagency Advisory Committee on Water Data, 1982):

$$\log Q_{g(w)} = \frac{N(\log Q_g) + EY(\log Q_r)}{N + EY}, \qquad (2)$$

where

$Q_{g(w)}$ is the weighted flood estimate for the selected recurrence interval, from table 1, in cubic feet per second ($ft^3/s$);

$N$ is the number of years of station record used to compute $Q_g$ from table 1;

$Q_g$ is the flood estimate from the log-Pearson Type III analysis for the selected recurrence interval, in cubic feet per second, at the gaged site;

$EY$ is the equivalent years of record for $Q_r$ from table 3; and

$Q_r$ is the flood estimate from the regional flood-frequency equation (table 2) for the selected recurrence interval, in cubic feet per second.

Flood magnitudes obtained from station frequency curves were weighted using equation 2 and are listed in table 1. The weighted values shown in the table for each station are for design purposes at gaged sites.

### Ungaged Sites

Flood magnitudes at ungaged sites for a selected recurrence interval can be estimated by locating the drainage area of a site in one of the four flood regions (pl. 1) and using the appropriate regional flood-frequency relation from table 2. The flood estimate can be improved if the ungaged site is located on the same stream as a gaged site having 10 or more years of peak discharge record and if the drainage area of the ungaged site is within 50 percent of the drainage area of the gaged site. The weighted discharge, $Q_{g(w)}$, at the gaged site can be transferred to the ungaged site by using the following equation:

$$Q_u = \left(\frac{A_u}{A_g}\right)^b Q_{g(w)}, \qquad (3)$$

and a weighted flood estimate at the ungaged site can be computed by using the following equation

$$Q_{u(w)} = \left(\frac{2|\Delta A|}{A_g}\right) Q_r + \left(1 - \frac{2|\Delta A|}{A_g}\right) Q_u, \qquad (4)$$

where

$Q_u$ is the flood estimate at the ungaged site after transferring the weighted peak discharge from the gaged site, in cubic feet per second;

$Q_{g(w)}$ is the weighted flood estimate for the selected recurrence interval, from table 1, in cubic feet per second;

$Q_{u(w)}$ is the weighted flood estimate at the ungaged site, in cubic feet per second;

$Q_r$ is the flood estimate from the regional flood-frequency equation for the selected recurrence interval, in cubic feet per second;

$b$ is the exponent of the drainage area term of the regional flood-frequency relation for the applicable flood region and recurrence interval, from table 2;

$A_u$ is the drainage area of the ungaged site, in square miles;

$A_g$ is the drainage area of the gaged site, in square miles; and

$|\Delta A|$ is the absolute difference in drainage areas between the ungaged site and the gaged site, in square miles.

If the drainage area of the ungaged site is not within 50 percent of the drainage area of the gaged site, the regional flood-frequency equations will not need to be adjusted.

### Sites on Streams that Cross Flood Region or State Boundaries

For streams that cross flood region boundaries, flood magnitudes can be estimated by weighting the flood estimate by the percentage of basin drainage area in each flood region. First, the flood estimate is computed as if the total drainage area lies in each flood region. Next, the flood estimates are weighted on the percentage of drainage area in each flood region. This same procedure also can be used at sites on streams that cross State boundaries where different methods are used for estimating flood magnitudes.

## Flood-Frequency Analysis for Large Streams

Flood-frequency relations for gaging stations along the main stem of the Alabama, Coosa, Tallapoosa, Tennessee, Tombigbee, and Black Warrior Rivers (figs. 3–8) were not determined using the regional flood-frequency analysis, because the drainage areas of these sites are substantially larger than the maximum drainage areas for the stations used in the regional analyses and, in some cases, drain from more than one flood region. In addition, some of the stations on these large rivers may be subject to varying degrees of regulation. Where the data analysis indicated it was appropriate, however, relations of flood magnitudes to drainage area were determined for selected recurrence intervals. An estimate of the flood-frequency relation for the Mobile River near Bucks also was provided. The flood-frequency relations are summarized in the following sections for each river listed. The estimated flood-frequency flows were based on log-Pearson Type III analysis of peak discharge data at the gaged sites on the streams, as described by the Interagency Advisory Committee on Water Data (1982), and are listed in table 1. Graphical inspection of the data for each analysis indicated that a log-Pearson distribution was a reasonable fit for the frequency curves published in this report.

Because most of these stations have some degree of regulation, trend analyses for the annual peak flows were performed to see if regulated flow patterns have changed with time. Regulation trends were assessed using Kendall's tau trend analysis and cumulative plots of weekday daily-mean flows (single mass curves, Helsel and Hirsch, 1995). The single mass curve (fig. 5) is a basic analytical tool showing a plot of cumulative values against time. The slope of the mass curve represents the constant of proportionality between the two quantities (Searcy and Hardison, 1960). A significant change in the slope of the curve indicates a change in the proportionality constant. In the case of regulated streams, the single mass curve can be used to assess whether patterns of regulation have remained relatively consistent over time. For the large streams in Alabama, a flood-frequency analysis was performed for stations showing no trend in either the entire dataset or a partial dataset that was considered to be a stationary period of record.

Flood magnitudes for selected recurrence intervals can be estimated by using figures 3–8 by reading the discharge scale for known drainage areas. Peak-flow data at selected sites on these large rivers are contained in the appendix of this report. The curves in figures 3–8 have been drawn as straight lines connecting the plotted data points. These linear representations do not infer that flood estimates or drainage area varies uniformly along the stream. The recurrence-interval flood estimates at multiple gaging stations on a stream will vary as a result of several factors. Some of the factors include length of record, concurrent periods of record, intervening tributaries, and location of the storm system causing the flood. For example, if a storm system were located in the lower half of a large drainage basin, gages in the upper half of the basin would not record the runoff from the storm. Consequently, it is conceivable that the flood of record at a lower gage might not necessarily be the flood of record at an upper gage. As a result of these factors, recurrence-interval flood estimates between two gages on the same stream may not be completely linear. However, linearly interpolating between two gages with relatively similar lengths of record should provide a reasonable estimate of flood magnitudes between the two gages.

### Alabama River

The relation of flood flow to drainage area for selected recurrence intervals for the Alabama River is shown in figure 3. Flow in the Alabama River is regulated by reservoirs upstream on the Coosa and Tallapoosa Rivers. For the Alabama River near Montgomery (station 02420000, pl. 1), five different datasets were analyzed (1886–1961, 1928–2003, 1928–1972, 1974–2003, and 1886–2003) representing different periods of record with varying degrees of regulation. The 1886–1961 dataset represents a period of minimal regulation. Regardless of the dataset that was used for analysis, the peak flows predicted for the 100-year flood were within a 10-percent range of each other. A trend analysis for the annual peak flows was performed for the 1886–2003 period of record, and no trend was detected. The entire period of record (1886–2003) was supplemented with historical data from the flood of 1814 for the final flood-frequency analysis. Historical records typically are observations (usually high-water marks and associated flows) of extreme flooding events that occurred either before or after a gaging period. Most historical records are the observations of local residents or officials of communities affected by the flood. Historical data supplements the systematic record (gage record) to produce an effective period of record. The effective period of record accounts for the intervening years between the historical and systematic data.

For the Alabama River at Selma (station 02423000, pl. 1), a trend analysis for annual peak flows was conducted for the 1886–1990 period of record, and no trend was detected in the data. Cumulative plots (single mass curves) of the

50-percentile daily flows, which indicates the pattern of median daily flows, and the ratio of the 90-percentile to 50-percentile daily flows, which indicates variance of the high flows, appeared to be consistent over time. A significant change in the slope of the 90/50 percentile curve could indicate a change in high-flow regulation patterns. Because no significant changes in slope were noted, a log-Pearson analysis was performed on this dataset. The flood flows for the 50- through 500-year recurrence interval flows are lower at the Selma station than at the Montgomery station because of the absence of a major tributary and the increased overbank storage between the two stations.

For the Alabama River near Millers Ferry (station 02427500, pl. 1), trend analyses and single mass curves indicated no significant trend in the entire period of record (1929–61), which indicates that the flow patterns were relatively consistent throughout this period. This dataset was supplemented with historical data from the flood of 1814 for the final flood-frequency analysis. Flood flows at the Millers Ferry station are slightly higher than those at the Selma station. For the 2-year recurrence interval, the flow at Millers Ferry is about 15 percent higher than at Selma, while flow at Millers Ferry for the 100-year recurrence interval is only about 5 percent higher.

For the Alabama River at Claiborne (station 02429500, pl. 1), no trends were detected for the entire period of historical record (1929–81), which indicates that the flow patterns were relatively consistent throughout this period. A log-Pearson analysis was performed on this station for this period of record, and results indicated that peak flows at the Claiborne station for the 2- through 500-year recurrence intervals are about 5 percent lower than the flows at the Millers Ferry station. As before, the flow reduction likely results from the absence of a major tributary and the increased overbank storage between the two stations.

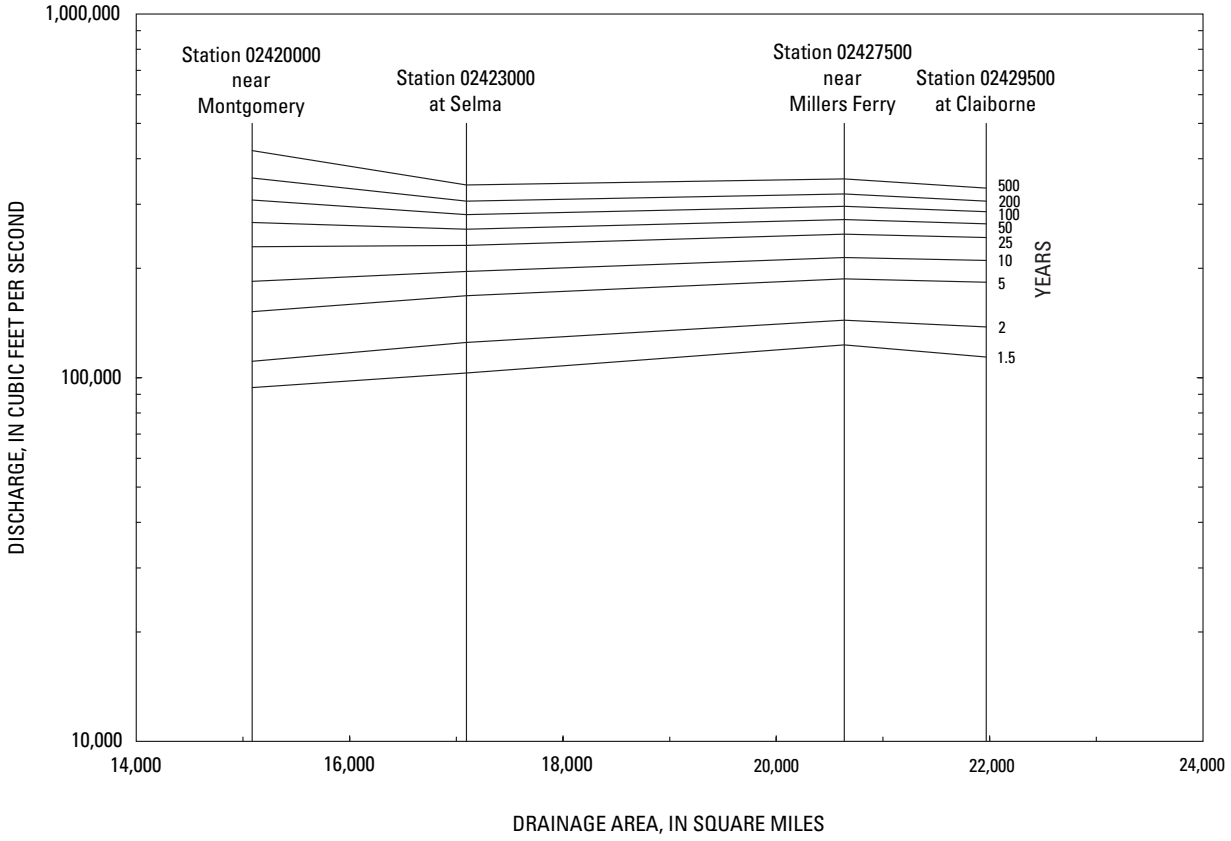



**Figure 3.** Relation of flood discharge to drainage area for selected gaging stations and recurrence intervals for the Alabama River in Alabama (see plate for station locations).

## Coosa River

The relation of flood flow to drainage area for selected recurrence intervals for the Coosa River is shown in figure 4. Flow in the Coosa River is regulated by reservoirs at Carter's, Allatoona, Weiss, Neely Henry, Logan Martin, Lay, Mitchell, and Jordan dams (pl. 1). For the Coosa River at Gadsden (station 02400500, pl. 1), trend analysis for the entire period of record (1886–1996) indicated a change in high-flow patterns in the early to mid-1960s. This trend (fig. 5) appears to coincide with the construction of Weiss Reservoir in 1961. No trends were detected for the period prior to 1961, indicating that fairly consistent flow patterns were present from 1886 to 1960. Prior to 1961, flow at Gadsden was only regulated by the Allatoona Dam, and the effects of regulation were considered to be minimal. A log-Pearson analysis was conducted on the 1886–1960 period of record and is indicative of pre-regulation flood-frequency conditions and should be considered as such. Therefore, this frequency curve provides conservative flood-peak estimates that may be useful for design purposes. This frequency curve does not reflect current regulation conditions, however. Consequently, the peak flows after 1961 are considered to be affected significantly enough by regulation from Weiss Reservoir that using methods from Bulletin 17B (Interagency Advisory Committee on Water Data, 1982) to analyze the data is not justified. Flood flows after 1960 may be somewhat less in magnitude because of the effects of Weiss Reservoir upstream.

For the Coosa River at Childersburg (station 02407000, pl. 1), a trend analysis for the entire period of record (1916–96) indicated a change in high-flow patterns in the early to mid-1960s. This trend apparently coincides with the construction of Weiss, Neely Henry, and Logan Martin Reservoirs (1961, 1966, and 1964, respectively). No trends were detected for the period prior to 1961, indicating that from 1916 to 1960, relatively consistent flow patterns were present. Flow at Childersburg was only regulated by the Allatoona dam prior to 1961, and the effects of regulation were considered to be minimal. A log-Pearson analysis was conducted on the 1916–60 period of record and is indicative of pre-regulation flood-frequency conditions and should be considered as such. Therefore, this frequency curve provides conservative flood-peak estimates that may be useful for design purposes. This frequency curve does not reflect current regulation conditions. Peak flows resulting from floods occurring after 1961 may be somewhat less in magnitude because of the effects of Weiss, Neely Henry, and Logan Martin Reservoirs.

For the Coosa River at Wetumpka (station 02411000, pl. 1), a trend analysis for the entire streamflow period of record (1927–2003) indicated no significant change in high-

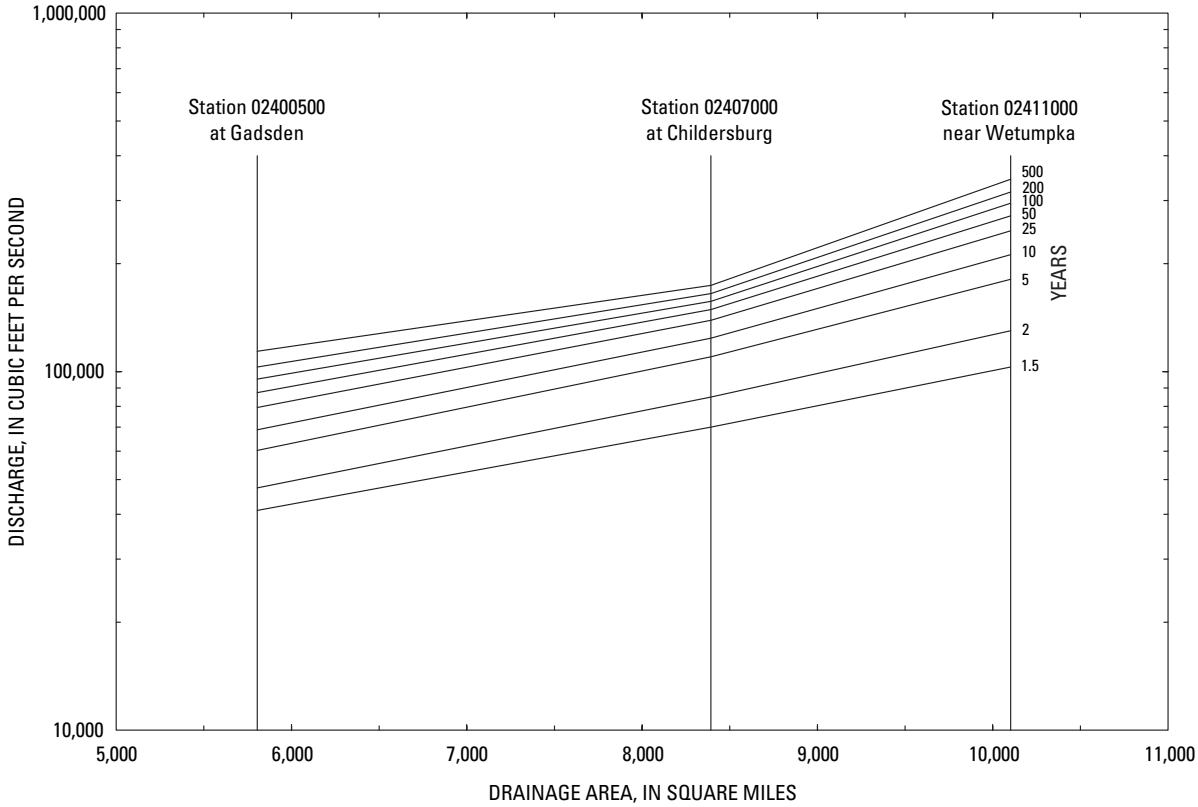



**Figure 4.** Relation of flood discharge to drainage area for selected gaging stations and recurrence intervals for the Coosa River in Alabama (see plate for station locations).

flow patterns. Two log-Pearson analyses were conducted. The first analysis was conducted for the period of record from 1927 to 1960 (before the construction of Weiss, Neely Henry, and Logan Martin dams). The second analysis included the entire period of record from 1927 to 2003. Lay, Mitchell, and Jordan dams were in operation for the entire period of record (both scenarios). Log-Pearson analyses for both periods indicate that flood-frequency curves were similar (within 2 percent of each other). Therefore, the entire period of record, supplemented with historical data from the 1886 flood, was used for the final flood-frequency analysis. This flood-frequency curve represents current regulation conditions.

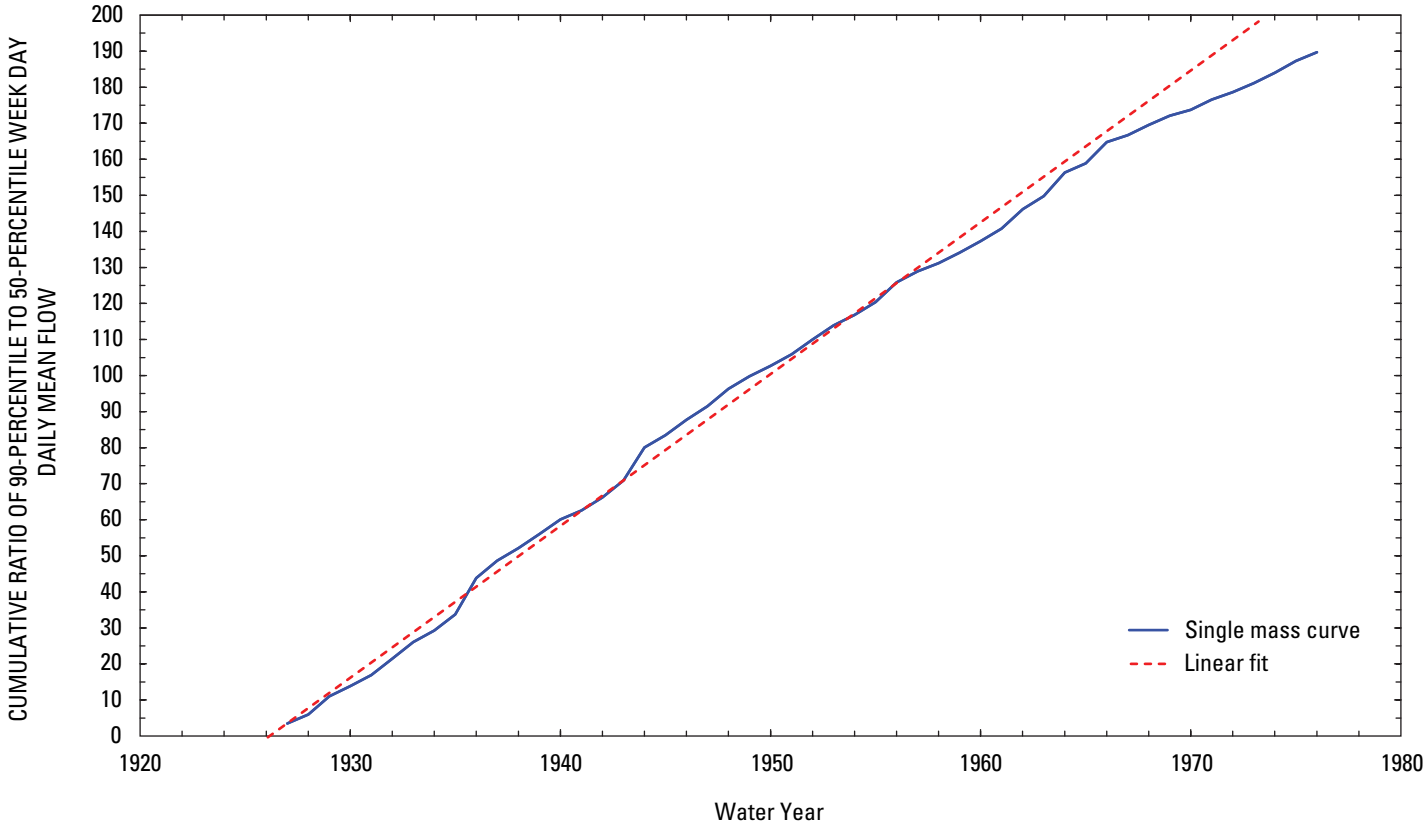



**Figure 5.** Single mass curve for the Coosa River at Gadsden (02400500), Alabama.

## Tallapoosa River

The relation of flood flow to drainage area for selected recurrence intervals for the Tallapoosa River is shown in figure 6. Flow in the Tallapoosa River is regulated by reservoirs at Harris, Martin, Yates, and Thurlow dams (pl. 1). For the Tallapoosa River at Wadley (station 02414500, pl. 1), a trend analysis for the entire streamflow period of record (1924–2003) indicated no significant change in high-flow patterns. Two log-Pearson analyses were conducted. The first analysis was conducted for the period from 1924 to 1982 (before the construction of Harris dam) including an estimated peak for the 1920 flood. This analysis represented an unregulated flood-frequency condition for the site. The second analysis included the entire period of record (1924–2003), which represented a mixture of unregulated and regulated flows. Results of the log-Pearson analyses indicate that both periods yielded similar flood-frequency curves (within 10 percent of each other). The complete period of record supplemented with historical data from 1920 was used for the final flood-frequency analysis. Using the entire period of record was considered acceptable because there was no apparent trend in the dataset, and the data reasonably fit a log-Pearson Type III distribution graphically.

For the Tallapoosa River below Tallassee (station 02418500, pl. 1), a trend analysis for the entire period of record (1929–2003) indicated a change in high-flow patterns in the early to mid-1980s. This trend seems to coincide with the construction of Harris Reservoir (1983). A Kendall's tau trend analysis did not detect a trend in the peak flows; however, further inspection of the single mass curves showed changes in the high-flow patterns beginning around 1984. This trend may be a result of changes in regulation patterns at Martin dam that coincided with the construction of Harris dam. Prior to 1984, the high-flow patterns appeared to be fairly consistent. A log-Pearson analysis was conducted for the period 1929–82. The data for this period represent flows prior to the construction of Harris dam (approximately 1983) and following the construction of Martin dam (approximately 1926). Peak flows resulting from floods occurring after 1983, may be somewhat less in magnitude because of the effects of Harris Reservoir upstream. Using the period of record from 1929 to 1982, was considered acceptable because there was no apparent trend in this dataset, and the data reasonably fit a log-Pearson Type III distribution graphically.

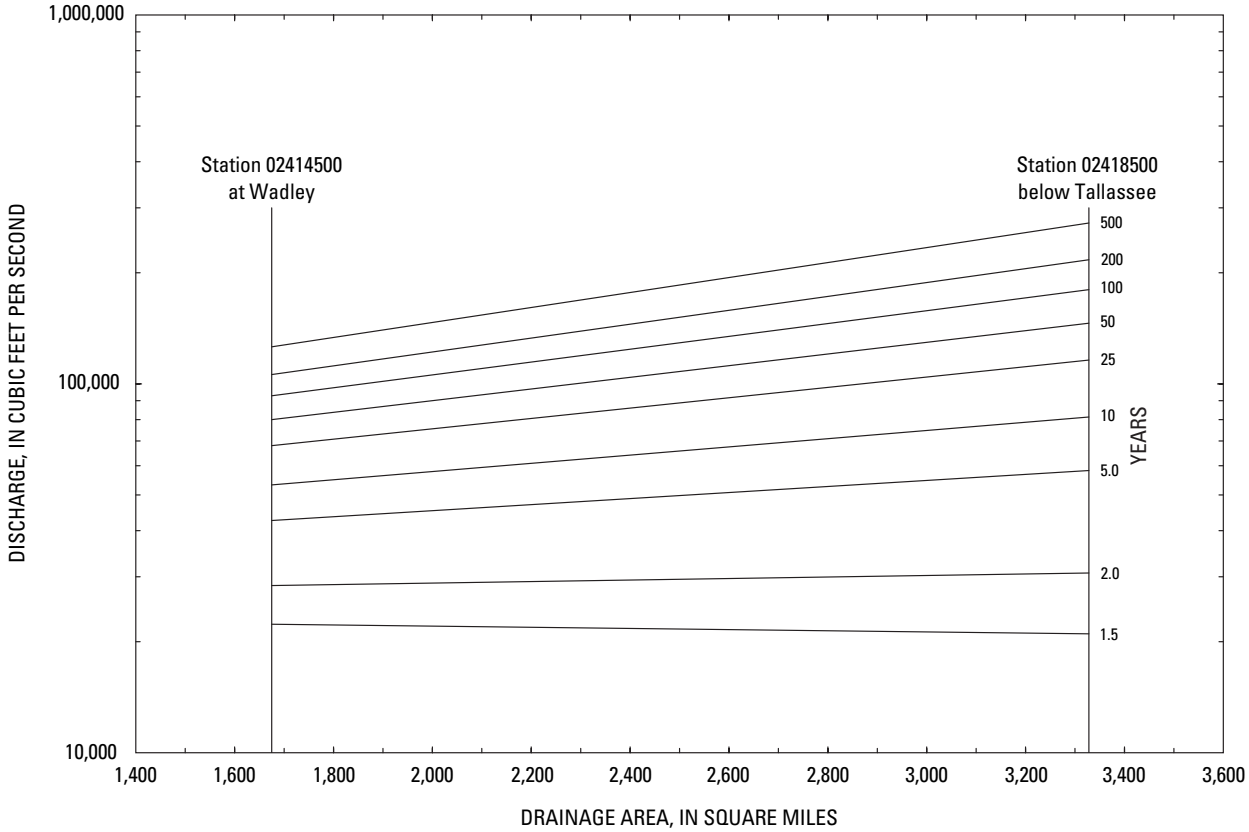



**Figure 6.** Relation of flood discharge to drainage area for selected gaging stations and recurrence intervals for the Tallapoosa River in Alabama (see plate for station locations).

## Tennessee River

The relation of flood flow to drainage area for selected recurrence intervals for the Tennessee River is shown in figure 7. A flood-frequency analysis was performed for the Tennessee River at Whitesburg, AL (station 03575500, pl. 1) using the period of record from 1944 to 2003. This dataset represents a period in which all of the dams on the Tennessee River were in place. Both Kendall's tau and single mass curves plotted for this station indicate that the high-flow patterns have been relatively consistent since 1944. Inspection of flow record for the stream gage upstream at the Tennessee River at Chattanooga, TN (station 03568000) indicate that flooding events in 1867, 1875, 1886, and 1917 were the four largest flood events that occurred at this location between 1867 and 2003. These events occurred primarily before regulation on the Tennessee River and before the Whitesburg gage became active (1925). It is possible that one or more of the peaks could have been the largest flood(s) at the Whitesburg gage and would not be reflected in this flood-frequency analysis.

The period of record from 1944 to 2003 was used in a log-Pearson analysis for the Tennessee River at Florence, AL (station 03589500, pl. 1). This dataset represents a period in which all of the dams on the Tennessee River were in place. Both Kendall's tau and single mass curves plotted for this station indicate that the high-flow patterns have been relatively consistent since 1944. This period of record supplemented by historical data from the 1867 flood was used for the final flood-frequency analysis and included the two largest flood events during the 137-year historical period.

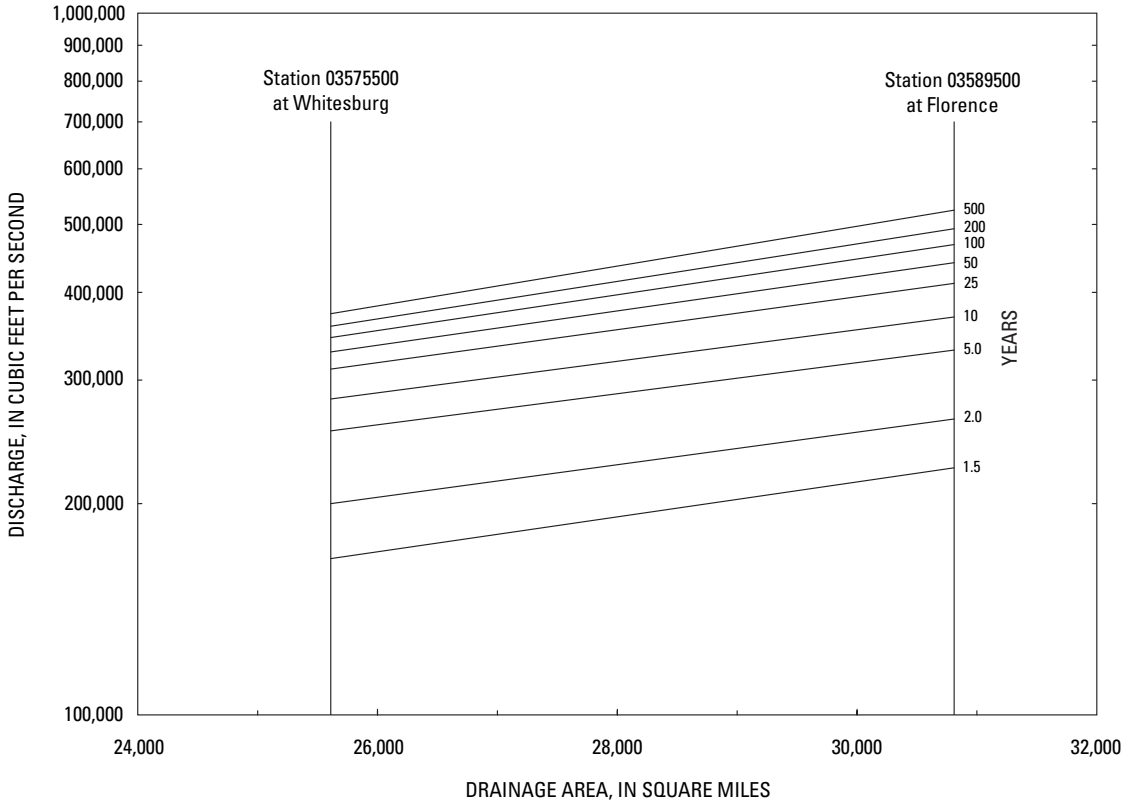



**Figure 7.** Relation of flood discharge to drainage area for selected gaging stations and recurrence intervals for the Tennessee River in Alabama (see plate for station locations).

## Tombigbee River

The relation of flood flow to drainage area for selected recurrence intervals for the Tombigbee River is shown in figure 8. Low flows in the Tombigbee River are regulated by the Bevill, Heflin, Demopolis, and Coffeeville locks and dams (pl. 1), and by numerous locks and dams on the Tennessee-Tombigbee (Tenn-Tom) Waterway in Mississippi. For the Tombigbee River at Gainesville (station 02449000), a trend analysis for the entire period of record (1939–90) indicated a change in high-flow patterns in the early to mid-1970s. This trend most likely coincided with the beginning of construction of the Tenn-Tom Waterway (1973). Trend analyses for the period 1939–73 indicated that fairly consistent flow patterns were present. This period of record (1939–73) supplemented by historical data from the flood of 1818 was used for the final flood-frequency analysis. This analysis is more indicative of pre-regulation flood-frequency conditions and should be considered as such. Therefore, the frequency curve provides conservative flood-peak estimates that may be useful for design purposes. This flood frequency estimate would not account for any changes in high-flow patterns resulting from the Tenn-Tom Waterway. Flows resulting from floods occurring after 1973, may be somewhat less in magnitude because of the effects of the Tenn-Tom Waterway.

For the Tombigbee River at Demopolis (station 02467000, pl. 1), a trend analysis for the entire period of record (1893–2003) indicated a change in high-flow patterns in the early to mid-1970s. This trend most likely coincided with the beginning of construction of the Tenn-Tom Waterway (1973). Trend analyses for the period prior to 1974 indicate that relatively consistent flow patterns were present. A log-Pearson analysis using 81 years of systematic record was performed on this period of record (1893–1973). This analysis is more indicative of pre-regulation flood-frequency conditions and should be considered as such. Therefore, the frequency curve provides conservative flood-peak estimates that may be useful for design purposes. The flood-frequency estimate does not account for any changes in high-flow patterns resulting from the Tenn-Tom Waterway. Flows resulting from floods occurring after 1973, may be somewhat less in magnitude because of the effects of the Tenn-Tom Waterway.

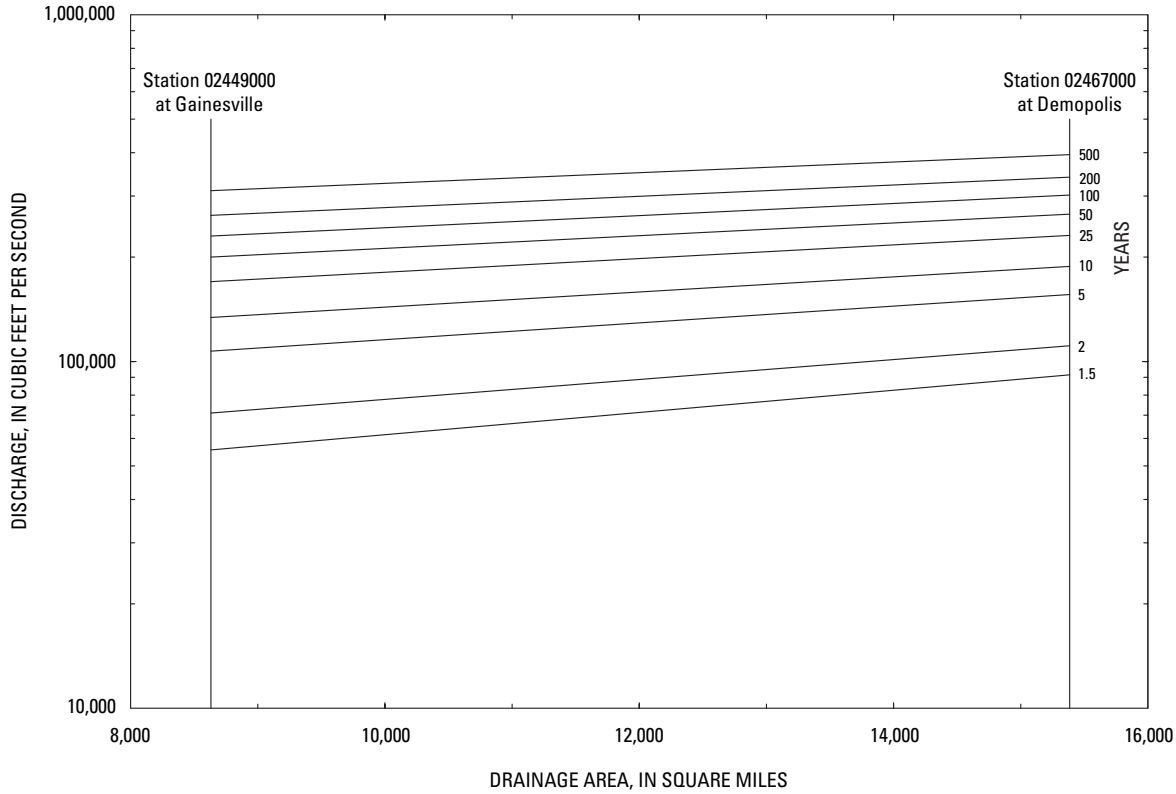



**Figure 8.** Relation of flood discharge to drainage area for selected gaging stations and recurrence intervals for the Tombigbee River in Alabama (see plate for station locations).

## Mobile River

Flood flows for selected recurrence intervals for the Mobile River at the Barry Steam Plant near Bucks, AL (station number 02470630, pl. 1) are given in table 1. These flows are based on a log-Pearson analysis for the 1951–2003 period of record. No trends were detected in the peak flows; therefore, the entire period of record was used in the flood-frequency analysis. The relation of flood discharge to drainage area for selected recurrence intervals was not defined because no data were available for additional locations on the Mobile River.

## Black Warrior River

The relation of flood flow to drainage area for selected recurrence intervals for the Black Warrior River is shown in figure 9. Flood flows for selected recurrence intervals for the Black Warrior River at Northport (station number 02465000, pl. 1) are given in table 1. These flows are based on a log-Pearson analysis for the 1969–2003 period of record. Kendall's tau trend analysis indicated no trend for the entire period of record (1889–2003), but plots of single mass curves indicated a distinct change in the flow patterns around the mid- to late 1960s. This trend may coincide with the construction of Bankhead and Holt Reservoirs in 1963 and 1968, respectively. Both reservoirs are located upstream from the Northport gage. Kendall's tau trend analysis and single mass curves for the 1969 to 2003 dataset indicated fairly consistent flow patterns for this time period. This log-Pearson analysis is indicative of current flood-frequency conditions and regulation patterns currently in the basin.

For the Black Warrior River at Eutaw (station 02466000, pl. 1), a trend analysis for the entire period of instantaneous flow record (1933–61) indicated no significant change in high-flow patterns. A log-Pearson analysis was perfomed for this period of record and was supplemented with historical data from the flood of 1900. This flood-frequency relation is more indicative of pre-regulation flood-frequency conditions and should be considered as such. Therefore, the frequency curve provides conservative flood-peak estimates that may be useful for design purposes. The flood-frequency estimate does not account for any changes in high-flow patterns resulting from the construction of the Bankhead and Holt Reservoirs in 1963 and 1968, respectively. Flows resulting from floods occurring after 1963, may be somewhat less in magnitude because of the effects of these reservoirs. The other gaging stations on the Black Warrior River were not analyzed because they either did not have enough record with a consistent flow pattern or the record was maximum daily average flow.

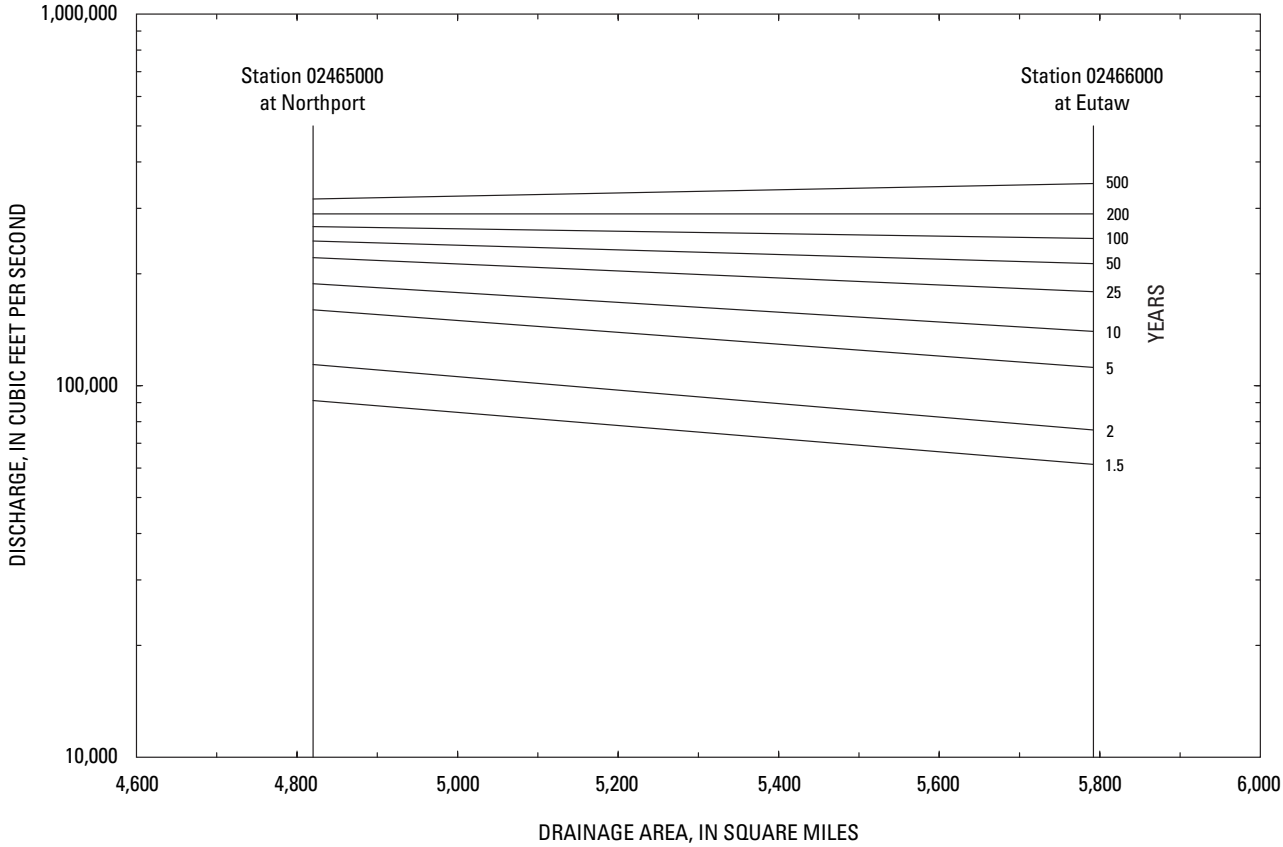



**Figure 9.** Relation of flood discharge to drainage area for selected gaging stations and recurrence intervals for the Black Warrior River in Alabama (see plate for station locations).

# Flood Magnitude and Frequency for Urban Streams

The equations in table 4 can be used to estimate flood discharges for selected recurrence intervals for streams draining urban areas having more than 5 percent impervious cover (Olin and Bingham, 1982). Each of the regression coefficients was statistically significant at the 5-percent level.

**Table 4.** Flood-frequency relations for urban streams in Alabama (Olin and Bingham, 1982).

[$Q(u)$, flood discharge, in cubic feet per second; $A$, drainage area, in square miles; $IA$, impervious area, in percent]

| Recurrence interval (years) | Regression equation for streams in urban area | Standard error of estimate (percent) |
|---|---|---|
| 2 | $Q(u) = 150\ A^{0.70}\ IA^{0.36}$ | 26 |
| 5 | $Q(u) = 210\ A^{0.70}\ IA^{0.39}$ | 24 |
| 10 | $Q(u) = 266\ A^{0.69}\ IA^{0.39}$ | 24 |
| 25 | $Q(u) = 337\ A^{0.69}\ IA^{0.39}$ | 24 |
| 50 | $Q(u) = 396\ A^{0.69}\ IA^{0.38}$ | 25 |
| 100 | $Q(u) = 444\ A^{0.69}\ IA^{0.39}$ | 25 |

The urban equations were derived by first calibrating a rainfall-runoff model for each of the 23 urban basins. Rainfall and evaporation data from nearby long-term meteorological stations were used as input to synthesize a series of annual peak discharges for each urban basin. The logarithms of the annual peaks then were fitted to a Pearson Type III to determine the frequency of peak discharge as previously described. Multiple-regression analyses indicated that drainage size and percentage of the basin covered by impervious materials were the most significant basin characteristics affecting peak discharges in urban basins in Alabama.

Drainage area can be measured from topographic maps, whereas the impervious area of a basin can be measured by the grid method on topographic maps or recent aerial photographs. Some basins have non-contributing area as a result of pumping surface runoff from storm drains out of the basin. This non-contributing area is subtracted from the total drainage area. Additional information on the urban equations is given in Olin and Bingham (1982).

The urban equations are intended to be used only for streams with drainage areas ranging from 0.16 to 83.5 $mi^2$ and impervious areas ranging from 5.0 to 42.9 percent. The equations are not intended to be used for urban streams where temporary in-channel or overbank storage substantially affects the magnitude of the peak discharge. Olin (1984) and Atkins (1996) caution against using the equations for urban streams located in flood region 3. Instead, using the equations for rural streams (table 2) are more appropriate for urban streams in region 3.

A comparison of the rural equations for all four flood regions and the urban equations was made using the same drainage-area size with different percentages of impervious area in the urban equations. For flood region 1, the percentage of impervious area exceeded about 10 percent before the urban equations estimated higher flood flows than the rural equations. For sites smaller than 5 $mi^2$, the percentage of impervious area required to exceed rural flood flows was greater (between 12 and 20 percent). For region 2, flows from urban equations exceeded those computed from rural equations once the percentage of impervious area was about 5 percent. For region 3, flows from rural equations exceeded those computed from urban equations until the percentage of impervious area exceeded 25 to 30 percent. Region 3 has impervious chalk and marl, which produces higher flood runoff. No stations in region 3 were used to develop the urban equations given in table 4. Finally, for region 4, flows computed from urban equations exceeded those computed from rural equations once the percentage of impervious area was about 5 percent. For sites smaller than 10 $mi^2$, the percentage of impervious area required to exceed rural flood flows was greater (between 6 and 9 percent). For the scenarios mentioned above, the rural equations would be used in place of the urban equations until peak flows predicted by the urban equations exceed those predicted by the rural equations.

# Summary

Flood discharges for selected recurrence intervals were determined for 169 streamflow-gaging stations on rural streams in Alabama using the log-Pearson Type III frequency distribution. The data for these sites in Alabama and 48 additional stations in parts of the adjacent States of Florida, Georgia, Mississippi, and Tennessee were used to develop regional flood-frequency relations that can be used to estimate flood discharges for recurrence intervals of 1.5, 2, 5, 10, 25, 50, 100, 200, and 500 years for ungaged, unregulated rural streams in Alabama.

Multiple-regression techniques were used to define four flood regions having similar flood characteristics and to develop predictive equations relating peak flow to one or more drainage-basin characteristic. The flood regions were delineated based on plotted residuals, previous flood-frequency studies, and geologic, physiographic, and drainage-area maps. Drainage area was determined to be the most significant variable for use in predicting flood discharges in Alabama. Generalized least-squares regression methods were used to define the final regression coefficients used in the predictive equations and both the model and prediction errors.

The regional flood-frequency relations can be applied to streams in Alabama that are not affected by backwater, regulation, urbanization, or channelization. Methods are presented in the report for determining flood discharges for selected recurrence intervals on ungaged and gaged streams. On large streams where the regional flood-frequency relations

do not apply, flood discharges for recurrence intervals of 2, 5, 10, 25, 50, 100, 200, and 500 years are estimated from graphical relations of flood discharges to drainage areas for the Alabama, Coosa, Tallapoosa, Tennessee, Tombigbee, and Black Warrior Rivers. An estimate of the flood-frequency relation for the Mobile River near Bucks also was provided.

Previously published equations for estimating flood discharges for ungaged urban streams were included. These equations use both drainage area and percentage of impervious cover as independent variables.

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**Table 1.** Peak discharges for selected recurrence intervals at selected gaging stations in Alabama.

[no., number; mi², square miles; top line for each station entry is the log-Pearson Type III discharge; bottom line is the weighted-average or best-estimate discharge; *, station not used in regional analyses; --, peak discharge not computed;]

| Station number | Flood region (fig. 2) | Station name | Drainage area (mi²) | Period of record (years) | Peak discharge, in cubic feet per second, for indicated recurrence interval in years | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1.5 | 2 | 5 | 10 | 25 | 50 | 100 | 200 | 500 |
| 02339225 | 1 | Wehadkee Creek below Rock Mills | 60.2 | 12 | 1,930 | 2,750 | 5,150 | 7,240 | 10,500 | 13,500 | 16,900 | 20,800 | 26,900 |
| | | | | | 2,080 | 2,910 | 5,420 | 7,590 | 10,800 | 13,400 | 16,300 | 19,400 | 23,800 |
| 02340750 | 1 | Osanippa Creek near Fairfax | 99.7 | 22 | 2,950 | 3,850 | 6,160 | 8,000 | 10,700 | 13,000 | 15,600 | 18,400 | 22,700 |
| | | | | | 3,060 | 3,980 | 6,500 | 8,640 | 11,800 | 14,300 | 17,000 | 20,000 | 24,300 |
| 02342150 | 4 | Uchee Creek near Seale | 162 | 20 | 2,860 | 4,340 | 8,570 | 12,000 | 17,100 | 21,400 | 26,000 | 31,000 | 38,200 |
| | | | | | 2,900 | 4,290 | 8,130 | 11,000 | 15,000 | 18,300 | 22,100 | 26,200 | 32,100 |
| 02342200 | 1 | Phelps Creek near Opelika | 6.67 | 16 | 554 | 812 | 1,490 | 2,020 | 2,760 | 3,350 | 3,980 | 4,650 | 5,580 |
| | | | | | 568 | 821 | 1,500 | 2,050 | 2,810 | 3,420 | 4,060 | 4,740 | 5,680 |
| 02342500 | 4 | Uchee Creek near Fort Mitchell | 322 | 57 | 6,340 | 8,880 | 15,500 | 20,600 | 28,000 | 34,100 | 40,700 | 47,800 | 58,100 |
| | | | | | 6,210 | 8,620 | 14,700 | 19,100 | 25,300 | 30,500 | 36,500 | 43,000 | 52,400 |
| 02342933 | 4 | South Fork Cowikee Creek near Batesville | 112 | 40 | 4,090 | 5,300 | 8,400 | 10,800 | 14,400 | 17,500 | 20,800 | 24,600 | 30,200 |
| | | | | | 3,910 | 5,030 | 7,790 | 9,840 | 12,900 | 15,600 | 18,600 | 22,000 | 27,000 |
| 02343275 | 4 | Abbie Creek near Abbeville | 48.7 | 26 | 960 | 1,390 | 2,940 | 4,600 | 7,730 | 11,100 | 15,500 | 21,500 | 32,300 |
| | | | | | 1,020 | 1,480 | 3,130 | 4,720 | 7,190 | 9,460 | 12,200 | 15,700 | 21,300 |
| 02343300 | 4 | Abbie Creek near Haleburg | 146 | 36 | 2,010 | 2,780 | 5,170 | 7,420 | 11,200 | 14,900 | 19,500 | 25,100 | 34,500 |
| | | | | | 2,090 | 2,890 | 5,540 | 8,010 | 11,800 | 15,200 | 19,000 | 23,600 | 30,900 |
| 02343700 | 4 | Stevenson Creek near Headland | 14.0 | 15 | 775 | 1,060 | 1,830 | 2,450 | 3,370 | 4,150 | 5,010 | 5,980 | 7,410 |
| | | | | | 767 | 1,040 | 1,790 | 2,400 | 3,280 | 4,020 | 4,850 | 5,760 | 7,060 |
| 02358785 | 4 | Cowarts Creek near Cottonwood | 103 | 11 | 3,740 | 5,250 | 9,290 | 12,600 | 17,400 | 21,600 | 26,200 | 31,300 | 38,800 |
| | | | | | 3,310 | 4,470 | 7,250 | 9,220 | 12,100 | 14,700 | 17,600 | 21,000 | 25,800 |
| 02360000 | 4 | West Fork Choctawhatchee River at Blue Springs | 86.8 | 30 | 1,410 | 2,050 | 4,050 | 5,920 | 9,030 | 12,000 | 15,500 | 19,800 | 26,800 |
| | | | | | 1,480 | 2,150 | 4,310 | 6,260 | 9,190 | 11,700 | 14,600 | 18,000 | 23,200 |
| 02360275 | 4 | Judy Creek near Ozark | 102 | 29 | 2,150 | 3,130 | 6,530 | 10,000 | 16,300 | 22,800 | 31,200 | 41,900 | 61,000 |
| | | | | | 2,170 | 3,130 | 6,270 | 8,990 | 13,100 | 17,000 | 21,800 | 27,700 | 37,300 |
| 02360500 | 4 | East Fork Choctawhatchee River near Midland City | 291 | 18 | 3,400 | 4,890 | 9,790 | 14,600 | 22,800 | 31,000 | 41,200 | 53,900 | 75,500 |
| | | | | | 3,560 | 5,070 | 10,000 | 14,300 | 20,500 | 25,900 | 32,200 | 39,800 | 51,400 |
| 02361000 | 4 | Choctawhatchee River near Newton | 686 | 76 | 6,460 | 8,870 | 16,500 | 23,800 | 36,400 | 48,800 | 64,300 | 83,700 | 117,000 |
| | | | | | 6,500 | 8,910 | 16,600 | 23,700 | 35,000 | 45,600 | 58,500 | 74,300 | 101,000 |
| 02362610 | 4 | Pea River near Midway | 18.7 | 12 | 2,800 | 3,150 | 3,770 | 4,180 | 4,670 | 5,040 | 5,400 | 5,770 | 6,250 |
| | | | | | 2,090 | 2,340 | 2,830 | 3,280 | 4,080 | 4,790 | 5,560 | 6,370 | 7,470 |
| 02363000 | 4 | Pea River near Ariton | 498 | 66 | 4,860 | 7,050 | 13,500 | 19,200 | 28,200 | 36,400 | 45,800 | 56,700 | 73,600 |
| | | | | | 4,920 | 7,110 | 13,600 | 19,200 | 27,600 | 34,800 | 43,200 | 52,800 | 67,300 |

**Table 1.** Peak discharges for selected recurrence intervals at selected gaging stations in Alabama. — Continued

[no., number; mi², square miles; top line for each station entry is the log-Pearson Type III discharge; bottom line is the weighted-average or best-estimate discharge; *, station not used in regional analyses; --, peak discharge not computed;]

| Station number | Flood region (fig. 2) | Station name | Drainage area (mi²) | Period of record (years) | Peak discharge, in cubic feet per second, for indicated recurrence interval in years | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1.5 | 2 | 5 | 10 | 25 | 50 | 100 | 200 | 500 |
| 02363005 | 4 | Pea River tributary near Roeton | 0.76 | 13 | 93 | 136 | 256 | 355 | 504 | 631 | 772 | 927 | 1,160 |
| | | | | | 101 | 146 | 280 | 394 | 560 | 698 | 847 | 1,010 | 1,240 |
| 02364000 | 4 | Pea River at Elba | 959 | 59 | 9,430 | 12,800 | 21,900 | 29,200 | 40,100 | 49,400 | 59,700 | 71,200 | 88,500 |
| | | | | | 9,390 | 12,700 | 21,800 | 29,000 | 39,500 | 48,300 | 58,100 | 69,000 | 85,300 |
| 02364500 | 4 | Pea River near Samson | 1,182 | 49 | 9,450 | 12,300 | 19,800 | 25,800 | 34,900 | 42,800 | 51,600 | 61,600 | 76,900 |
| | | | | | 9,480 | 12,400 | 20,500 | 27,300 | 37,600 | 45,900 | 55,100 | 65,400 | 80,700 |
| 02365310 | 4 | Grants Branch tributary near Fadette | 1.44 | 10 | 260 | 367 | 650 | 878 | 1,210 | 1,490 | 1,800 | 2,130 | 2,630 |
| | | | | | 239 | 324 | 539 | 700 | 943 | 1,160 | 1,400 | 1,660 | 2,040 |
| 02367500 | 4 | Lightwood Knot Creek at Babbie | 114 | 31 | 2,820 | 3,420 | 6,440 | 9,480 | 15,000 | 20,600 | 27,900 | 37,400 | 54,200 |
| | | | | | 2,780 | 3,410 | 6,320 | 8,940 | 13,000 | 16,800 | 21,400 | 27,200 | 36,600 |
| 02367800 | 4 | Yellow River near Wing | 461 | 12 | 4,980 | 6,350 | 10,400 | 14,100 | 20,200 | 25,900 | 32,900 | 41,300 | 55,400 |
| | | | | | 5,150 | 6,700 | 11,900 | 16,500 | 23,300 | 28,700 | 35,000 | 42,000 | 52,600 |
| 02369800 | 4 | Blackwater River near Bradley | 87.7 | 36 | 1,560 | 2,450 | 5,540 | 8,600 | 13,800 | 18,900 | 25,100 | 32,700 | 45,100 |
| | | | | | 1,610 | 2,500 | 5,440 | 8,000 | 11,800 | 15,200 | 19,300, | 24,200 | 31,900 |
| 02371000 | 4 | Conecuh River near Troy | 257 | 27 | 3,490 | 5,400 | 11,200 | 16,100 | 23,700 | 30,200 | 37,500 | 45,600 | 57,600 |
| | | | | | 3,560 | 5,400 | 10,700 | 14,800 | 20,500 | 25,400 | 30,900 | 37,100 | 46,200 |
| 02371200 | 4 | Indian Creek near Troy | 8.87 | 30 | 387 | 569 | 1,180 | 1,780 | 2,840 | 3,880 | 5,200 | 6,840 | 9,630 |
| | | | | | 404 | 591 | 1,220 | 1,790 | 2,660 | 3,450 | 4,390 | 5,510 | 7,290 |
| 02371500 | 4 | Conecuh River at Brantley | 500 | 67 | 4,810 | 6,910 | 12,200 | 16,100 | 21,400 | 25,600 | 30,000 | 34,400 | 40,600 |
| | | | | | 4,870 | 6,980 | 12,500 | 16,700 | 22,600 | 27,200 | 32,100 | 37,000 | 43,900 |
| 02372000 | 4 | Patsaliga Creek at Luverne | 254 | 28 | 4,330 | 6,270 | 11,700 | 16,200 | 22,800 | 28,500 | 34,800 | 41,800 | 52,100 |
| | | | | | 4290 | 6120 | 11,100 | 14,800 | 20,100 | 24,600 | 29,700 | 35,500 | 43,900 |
| 02372250 | 4 | Patsaliga Creek near Brantley | 442 | 29 | 4,450 | 6,570 | 13,200 | 19,200 | 28,800 | 37,800 | 48,300 | 60,600 | 80,300 |
| | | | | | 4,570 | 6,690 | 13,200 | 18,700 | 26,600 | 33,400 | 41,200 | 50,400 | 64,300 |
| 02372500 | 4 | Conecuh River near Andalusia | 1,344 | 58 | 10,100 | 13,800 | 23,300 | 31,000 | 42,100 | 51,500 | 61,800 | 73,200 | 90,100 |
| | | | | | 10,100 | 13,800 | 23,700 | 31,800 | 43,400 | 52,900 | 63,300 | 74,800 | 91,600 |
| 02372800 | 4 | Stallings Creek near Greenville | 37.8 | 11 | 2,350 | 3,060 | 4,640 | 5,720 | 7,120 | 8,190 | 9,260 | 10,400 | 11,800 |
| | | | | | 2,010 | 2,560 | 3,810 | 4,740 | 6,140 | 7,350 | 8,680 | 10,100 | 12,100 |
| 02373000 | 4 | Sepulga River near Mckenzie | 470 | 63 | 6,240 | 8,780 | 15,500 | 20,800 | 28,400 | 34,700 | 41,500 | 48,900 | 59,700 |
| | | | | | 6,210 | 8,700 | 15,200 | 20,300 | 27,400 | 33,300 | 39,800 | 47,000 | 57,300 |
| 02373500 | 4 | Pigeon Creek near Thad | 307 | 35 | 3,530 | 5,280 | 10,500 | 15,100 | 22,200 | 28,600 | 35,800 | 44,000 | 56,500 |
| | | | | | 3,620 | 5,360 | 10,600 | 14,900 | 21,100 | 26,300 | 32,300 | 39,100 | 49,100 |
| 02374000 | * | Conecuh River near Brooklyn | 2,495 | 24 | 21,700 | 29,400 | 48,200 | 62,400 | 82,100 | 97,900 | 115,000 | 132,000 | 158,000 |
| | | | | | -- | -- | -- | -- | -- | -- | -- | -- | -- |

**Table 1.** Peak discharges for selected recurrence intervals at selected gaging stations in Alabama. — Continued

[no., number; mi², square miles; top line for each station entry is the log-Pearson Type III discharge; bottom line is the weighted-average or best-estimate discharge; *, station not used in regional analyses; --, peak discharge not computed;]

| Station number | Flood region (fig. 2) | Station name | Drainage area (mi²) | Period of record (years) | Peak discharge, in cubic feet per second, for indicated recurrence interval in years | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1.5 | 2 | 5 | 10 | 25 | 50 | 100 | 200 | 500 |
| 02374500 | 4 | Murder Creek near Evergreen | 176 | 67 | 2,360 | 3,440 | 7,030 | 10,600 | 16,700 | 22,800 | 30,400 | 39,800 | 56,000 |
| | | | | | 2,400 | 3,490 | 7,130 | 10,600 | 16,000 | 21,000 | 27,100 | 34,500 | 46,800 |
| 02374970 | 4 | Sizemore Creek near Robinsonville | 79.4 | 12 | 3,580 | 4,610 | 7,220 | 9,290 | 12,300 | 14,900 | 17,700 | 20,800 | 25,500 |
| | | | | | 3,110 | 3,940 | 5,970 | 7,520 | 9,860 | 11,900 | 14,200 | 16,800 | 20,600 |
| 02375000 | 4 | Big Escambia Creek at Flomaton | 330 | 37 | 6,260 | 7,180 | 13,100 | 18,600 | 27,800 | 36,700 | 47,700 | 61,000 | 83,400 |
| | | | | | 6,090 | 7,060 | 12,600 | 17,400 | 24,500 | 31,000 | 38,800 | 48,200 | 63,100 |
| 02377500 | 4 | Styx River near Loxley | 92.2 | 26 | 2,210 | 3,150 | 6,470 | 9,920 | 16,300 | 22,900 | 31,600 | 43,000 | 63,500 |
| | | | | | 2,210 | 3,120 | 6,100 | 8,670 | 12,600 | 16,200 | 20,800 | 26,600 | 35,900 |
| 02378500 | 4 | Fish River near Silver Hill | 55.3 | 34 | 1,230 | 1,960 | 4,550 | 7,150 | 11,700 | 16,200 | 21,800 | 28,600 | 39,900 |
| | | | | | 1,270 | 1,990 | 4,390 | 6,440 | 9,480 | 12,300 | 15,700 | 19,800 | 26,200 |
| 02398300 | 1 | Chattooga River above Gaylesville | 366 | 64 | 6,910 | 8,790 | 13,300 | 16,800 | 21,600 | 25,600 | 29,900 | 34,600 | 41,400 |
| | | | | | 7,010 | 8,910 | 13,600 | 17,400 | 22,700 | 27,000 | 31,500 | 36,500 | 43,600 |
| 02398500 | 1 | Chattooga River at Gaylesville | 379 | 24 | 7,380 | 9,370 | 14,000 | 17,300 | 21,800 | 25,400 | 29,300 | 33,300 | 39,000 |
| | | | | | 7,600 | 9,660 | 14,800 | 18,800 | 24,400 | 28,800 | 33,200 | 38,100 | 44,800 |
| 02399000 | 1 | Little River near Jamestown | 125 | 34 | 7,600 | 9,950 | 15,000 | 18,500 | 22,900 | 26,200 | 29,600 | 32,900 | 37,400 |
| | | | | | 7,300 | 9,540 | 14,400 | 17,600 | 21,700 | 24,900 | 28,300 | 31,600 | 35,900 |
| 02399200 | 1 | Little River near Blue Pond | 199 | 48 | 10,500 | 13,600 | 20,700 | 25,800 | 32,800 | 38,300 | 44,100 | 50,100 | 58,600 |
| | | | | | 10,200 | 13,200 | 20,000 | 24,700 | 31,200 | 36,300 | 41,800 | 47,300 | 55,000 |
| 02400000 | 1 | Terrapin Creek near Piedmont | 116 | 20 | 5,570 | 7,570 | 12,200 | 15,500 | 19,900 | 23,300 | 26,700 | 30,300 | 35,100 |
| | | | | | 5,400 | 7,290 | 11,700 | 14,800 | 18,900 | 22,200 | 25,500 | 28,900 | 33,400 |
| 02400033 | 1 | Nances Creek near White Plains | 4.62 | 11 | 548 | 693 | 1,000 | 1,210 | 1,470 | 1,670 | 1,870 | 2,070 | 2,340 |
| | | | | | 540 | 691 | 1,060 | 1,360 | 1,790 | 2,120 | 2,440 | 2,820 | 3,320 |
| 02400100 | 1 | Terrapin Creek at Ellisville | 252 | 42 | 5,750 | 7,420 | 11,500 | 14,600 | 18,900 | 22,500 | 26,300 | 30,500 | 36,600 |
| | | | | | 5,840 | 7,540 | 11,800 | 15,200 | 20,000 | 23,900 | 27,800 | 32,300 | 38,700 |
| 02400500 | * | Coosa River at Gadsden | 5,805 | 71 | 41,000 | 47,400 | 60,300 | 68,800 | 79,400 | 87,400 | 95,300 | 103,000 | 114,000 |
| | | | | | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02401000 | 1 | Big Wills Creek near Reece City | 182 | 51 | 4,220 | 5,480 | 8,530 | 10,800 | 14,100 | 16,700 | 19,600 | 22,700 | 27,100 |
| | | | | | 4,300 | 5,580 | 8,780 | 11,300 | 15,000 | 17,800 | 20,900 | 24,300 | 29,000 |
| 02401370 | 1 | Big Canoe Creek near Springville | 45.0 | 16 | 2,200 | 2,670 | 3,670 | 4,350 | 5,240 | 5,930 | 6,630 | 7,350 | 8,350 |
| | | | | | 2,220 | 2,720 | 3,940 | 4,950 | 6,360 | 7,460 | 8,470 | 9,680 | 11,300 |
| 02401390 | 1 | Big Canoe Creek at Ashville | 141 | 38 | 4,730 | 5,580 | 7,470 | 8,820 | 10,600 | 12,100 | 13,600 | 15,100 | 17,400 |
| | | | | | 4,750 | 5,640 | 7,740 | 9,410 | 11,700 | 13,600 | 15,400 | 17,300 | 20,200 |
| 02401470 | 1 | Little Canoe Creek near Steele | 22.3 | 15 | 1,200 | 1,650 | 2,650 | 3,330 | 4,180 | 4,800 | 5,420 | 6,030 | 6,820 |
| | | | | | 1,240 | 1,690 | 2,780 | 3,630 | 4,770 | 5,630 | 6,450 | 7,370 | 8,580 |

**Table 1.** Peak discharges for selected recurrence intervals at selected gaging stations in Alabama. — Continued

[no., number; mi², square miles; top line for each station entry is the log-Pearson Type III discharge; bottom line is the weighted-average or best-estimate discharge; *, station not used in regional analyses; --, peak discharge not computed;]

| Station number | Flood region (fig. 2) | Station name | Drainage area (mi²) | Period of record (years) | Peak discharge, in cubic feet per second, for indicated recurrence interval in years | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1.5 | 2 | 5 | 10 | 25 | 50 | 100 | 200 | 500 |
| 02401500 | 1 | Big Canoe Creek near Gadsden | 253 | 28 | 5,840 | 7,620 | 12,600 | 16,800 | 23,400 | 29,400 | 36,500 | 44,700 | 57,700 |
| | | | | | 5,970 | 7,780 | 13,000 | 17,400 | 24,100 | 29,900 | 36,500 | 43,800 | 54,700 |
| 02404000 | 1 | Choccolocco Creek near Jenifer | 277 | 43 | 4,950 | 7,460 | 14,200 | 19,400 | 26,600 | 32,300 | 38,300 | 44,500 | 53,000 |
| | | | | | 5,100 | 7,600 | 14,400 | 19,700 | 26,900 | 32,500 | 38,300 | 44,300 | 52,500 |
| 02404400 | 1 | Choccolocco Creek at Jackson Shoals near Lincoln | 481 | 41 | 7,910 | 11,000 | 19,700 | 27,100 | 38,500 | 48,600 | 60,300 | 73,700 | 94,400 |
| | | | | | 8,100 | 11,200 | 20,000 | 27,500 | 38,700 | 48,200 | 59,000 | 70,900 | 88,500 |
| 02404500 | 1 | Choccolocco Creek near Lincoln | 496 | 27 | 7,890 | 11,300 | 20,700 | 28,500 | 40,100 | 50,000 | 61,100 | 73,400 | 91,800 |
| | | | | | 8,190 | 11,600 | 21,100 | 28,900 | 40,200 | 49,300 | 59,300 | 70,000 | 85,100 |
| 02405500 | 1 | Kelly Creek near Vincent | 193 | 37 | 5,360 | 6,940 | 11,200 | 14,800 | 20,300 | 25,100 | 30,700 | 37,100 | 47,100 |
| | | | | | 5,410 | 7,010 | 11,400 | 15,100 | 20,700 | 25,400 | 30,800 | 36,700 | 45,600 |
| 02406500 | 1 | Talladega Creek at Alpine | 150 | 49 | 3,730 | 5,550 | 10,800 | 15,100 | 21,600 | 27,100 | 33,200 | 39,900 | 49,700 |
| | | | | | 3,800 | 5,610 | 10,800 | 15,100 | 21,300 | 26,400 | 32,100 | 38,100 | 46,700 |
| 02407000 | * | Coosa River at Childersburg | 8,392 | 45 | 70,000 | 84,900 | 110,000 | 124,000 | 139,000 | 149,000 | 157,000 | 165,000 | 174,000 |
| | | | | | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02407500 | 1 | Yellowleaf Creek near Wilsonville | 96.5 | 21 | 1,920 | 2,840 | 6,180 | 9,720 | 16,400 | 23,400 | 32,700 | 44,900 | 67,100 |
| | | | | | 2,100 | 3,050 | 6,510 | 10,000 | 16,000 | 21,500 | 28,400 | 36,400 | 49,300 |
| 02407680 | 1 | Waxahatchee Creek near Columbiana | 32.9 | 11 | 2,550 | 3,360 | 5,410 | 7,030 | 9,410 | 11,400 | 13,600 | 16,100 | 19,800 |
| | | | | | 2,390 | 3,150 | 5,090 | 6,540 | 8,660 | 10,400 | 12,300 | 14,300 | 17,100 |
| 02408500 | 1 | Hatchet Creek near Rockford | 233 | 35 | 6,500 | 8,840 | 15,500 | 21,200 | 30,100 | 38,000 | 47,300 | 58,100 | 75,000 |
| | | | | | 6,530 | 8,850 | 15,400 | 20,900 | 29,200 | 36,200 | 44,400 | 53,300 | 66,600 |
| 02408540 | 1 | Hatchet Creek below Rockford | 263 | 24 | 6,890 | 9,940 | 18,100 | 24,700 | 34,300 | 42,200 | 50,800 | 60,200 | 73,800 |
| | | | | | 6,960 | 9,910 | 17,800 | 23,900 | 32,500 | 39,300 | 46,700 | 54,300 | 64,900 |
| 02409000 | 1 | Weogufka Creek near Weogufka | 73.4 | 21 | 2,040 | 2,940 | 5,780 | 8,440 | 12,900 | 17,100 | 22,300 | 28,500 | 38,800 |
| | | | | | 2,160 | 3,070 | 5,980 | 8,660 | 12,800 | 16,500 | 20,700 | 25,400 | 32,600 |
| 02409540 | 1 | Proctor Creek near Rockford | 1.01 | 10 | 432 | 545 | 788 | 956 | 1,180 | 1,350 | 1,520 | 1,700 | 1,940 |
| | | | | | 355 | 456 | 679 | 829 | 1,060 | 1,250 | 1,450 | 1,660 | 1,950 |
| 02410000 | 1 | Paterson Creek near Central | 4.91 | 37 | 463 | 627 | 1,080 | 1,460 | 2,050 | 2,580 | 3,180 | 3,870 | 4,940 |
| | | | | | 468 | 633 | 1,100 | 1,500 | 2,110 | 2,650 | 3,240 | 3,920 | 4,930 |
| 02411000 | * | Coosa River at Jordan Dam near Wetumpka | 10,102 | 34 | 103,000 | 130,000 | 181,000 | 212,000 | 247,000 | 272,000 | 295,000 | 317,000 | 344,000 |
| | | | | | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02412000 | 1 | Tallapoosa River near Heflin | 448 | 51 | 6,330 | 7,940 | 12,200 | 15,600 | 20,900 | 25,500 | 30,700 | 36,700 | 45,900 |
| | | | | | 6,520 | 8,180 | 12,800 | 16,700 | 22,700 | 27,700 | 33,100 | 39,600 | 49,000 |

**Table 1.** Peak discharges for selected recurrence intervals at selected gaging stations in Alabama. — Continued

[no., number; mi², square miles; top line for each station entry is the log-Pearson Type III discharge; bottom line is the weighted-average or best-estimate discharge; *, station not used in regional analyses; --, peak discharge not computed;]

| Station number | Flood region (fig. 2) | Station name | Drainage area (mi²) | Period of record (years) | Peak discharge, in cubic feet per second, for indicated recurrence interval in years | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1.5 | 2 | 5 | 10 | 25 | 50 | 100 | 200 | 500 |
| 02412065 | 1 | Cane Creek at U.S. Hwy. 78 near Heflin | 52.8 | 11 | 3,100 | 3,810 | 5,390 | 6,520 | 8,040 | 9,230 | 10,500 | 11,800 | 13,600 |
| | | | | | 2,980 | 3,710 | 5,500 | 6,910 | 8,930 | 10,500 | 12,100 | 13,800 | 16,200 |
| 02412500 | 1 | Tallapoosa River near Ofelia | 792 | 33 | 9,940 | 13,600 | 21,800 | 27,500 | 34,800 | 40,300 | 45,800 | 51,200 | 58,500 |
| | | | | | 10,300 | 14,000 | 22,800 | 29,300 | 37,900 | 44,300 | 50,400 | 57,000 | 65,600 |
| 02413300 | 1 | Little Tallapoosa River near Newell | 406 | 28 | 5,680 | 7,120 | 10,300 | 12,500 | 15,500 | 17,700 | 20,100 | 22,500 | 25,800 |
| | | | | | 6,000 | 7,540 | 11,300 | 14,400 | 18,700 | 21,800 | 24,900 | 28,400 | 33,200 |
| 02413400 | 1 | Wedowee Creek above Wedowee | 6.87 | 14 | 757 | 904 | 1,210 | 1,420 | 1,680 | 1,880 | 2,080 | 2,290 | 2,570 |
| | | | | | 740 | 901 | 1,280 | 1,610 | 2,070 | 2,430 | 2,760 | 3,170 | 3,710 |
| 02413475 | 1 | Wedowee Creek near Wedowee | 46.6 | 26 | 2,390 | 2,950 | 3,930 | 4,490 | 5,120 | 5,530 | 5,900 | 6,240 | 6,650 |
| | | | | | 2,390 | 2,970 | 4,100 | 4,900 | 5,930 | 6,670 | 7,280 | 8,010 | 8,940 |
| 02413500 | 1 | Little Tallapoosa River near Wedowee | 591 | 34 | 9,580 | 12,800 | 19,300 | 23,400 | 28,400 | 32,000 | 35,300 | 38,600 | 42,600 |
| | | | | | 9,810 | 13,100 | 20,000 | 24,800 | 31,000 | 35,500 | 39,500 | 43,900 | 49,400 |
| 02414500 | * | Tallapoosa River at Wadley | 1,675 | 80 | 22,300 | 28,400 | 42,600 | 53,200 | 68,000 | 80,000 | 92,800 | 106,000 | 126,000 |
| | | | | | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02414800 | 1 | Harbuck Creek near Hackneyville | 7.97 | 21 | 899 | 1,240 | 2,180 | 2,990 | 4,240 | 5,360 | 6,650 | 8,130 | 10,400 |
| | | | | | 876 | 1,200 | 2,100 | 2,840 | 3,940 | 4,890 | 5,990 | 7,140 | 8,830 |
| 02415000 | 1 | Hillabee Creek near Hackneyville | 190 | 40 | 5,630 | 7,740 | 12,400 | 15,700 | 19,800 | 22,800 | 25,800 | 28,700 | 32,600 |
| | | | | | 5,660 | 7,740 | 12,500 | 15,900 | 20,200 | 23,500 | 26,600 | 29,900 | 34,200 |
| 02416481 | 1 | Norrell Branch near Dadeville | 0.50 | 14 | 42 | 66 | 151 | 235 | 379 | 518 | 688 | 894 | 1,230 |
| | | | | | 50 | 77 | 176 | 280 | 448 | 599 | 767 | 964 | 1,260 |
| 02418500 | * | Tallapoosa River below Tallassee | 3,328 | 54 | 21,000 | 30,700 | 58,200 | 81,300 | 116,000 | 146,000 | 180,000 | 217,000 | 273,000 |
| | | | | | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02419000 | 4 | Uphapee Creek near Tuskegee | 333 | 65 | 6,050 | 8,750 | 16,000 | 21,700 | 30,000 | 36,800 | 44,200 | 52,100 | 63,500 |
| | | | | | 5,960 | 8,540 | 15,200 | 20,100 | 26,900 | 32,700 | 39,200 | 46,400 | 56,700 |
| 02420000 | * | Alabama River near Montgomery | 15,087 | 68 | 93,900 | 111,000 | 152,000 | 184,000 | 229,000 | 267,000 | 308,000 | 354,000 | 421,000 |
| | | | | | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02421000 | 3 | Catoma Creek near Montgomery | 290 | 52 | 7,000 | 9,820 | 18,200 | 25,700 | 37,700 | 48,800 | 61,800 | 77,200 | 102,000 |
| | | | | | 6,970 | 9,770 | 18,000 | 25,200 | 36,200 | 46,000 | 57,300 | 70,300 | 91,100 |
| 02421105 | 3 | Pintlalla Creek tributary near Sellers | 0.45 | 13 | 121 | 152 | 236 | 304 | 406 | 496 | 597 | 712 | 889 |
| | | | | | 126 | 158 | 267 | 386 | 614 | 823 | 1,050 | 1,270 | 1,550 |
| 02421300 | 2 | Ivy Creek at Mulberry | 10.7 | 13 | 234 | 367 | 809 | 1,230 | 1,920 | 2,570 | 3,340 | 4,250 | 5,710 |
| | | | | | 266 | 407 | 971 | 1,520 | 2,290 | 2,860 | 3,450 | 4,120 | 5,180 |
| 02422000 | 3 | Big Swamp Creek near Lowndesboro | 244 | 35 | 5,110 | 7,660 | 15,300 | 22,100 | 32,500 | 41,800 | 52,500 | 64,500 | 83,000 |
| | | | | | 5,140 | 7,660 | 15,200 | 21,800 | 31,500 | 40,000 | 49,700 | 60,600 | 77,700 |

**Table 1.** Peak discharges for selected recurrence intervals at selected gaging stations in Alabama. — Continued

[no., number; mi², square miles; top line for each station entry is the log-Pearson Type III discharge; bottom line is the weighted-average or best-estimate discharge; *, station not used in regional analyses; --, peak discharge not computed;]

| Station number | Flood region (fig. 2) | Station name | Drainage area (mi²) | Period of record (years) | Peak discharge, in cubic feet per second, for indicated recurrence interval in years | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1.5 | 2 | 5 | 10 | 25 | 50 | 100 | 200 | 500 |
| 02422500 | 2 | Mulberry Creek at Jones | 203 | 65 | 4,390 | 5,930 | 10,400 | 14,300 | 20,500 | 26,200 | 33,000 | 40,900 | 53,500 |
| | | | | | 4,390 | 5,920 | 10,300 | 13,900 | 19,000 | 23,300 | 28,500 | 34,800 | 45,100 |
| 02423000 | * | Alabama River at Selma | 17,095 | 97 | 103,000 | 125,000 | 168,000 | 196,000 | 231,000 | 256,000 | 281,000 | 306,000 | 339,000 |
| | | | | | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02423500 | 1 | Cahaba River near Acton | 230 | 41 | 6,480 | 8,460 | 13,700 | 18,000 | 24,400 | 30,000 | 36,400 | 43,600 | 54,600 |
| | | | | | 6,510 | 8,490 | 13,800 | 18,200 | 24,500 | 30,000 | 36,000 | 42,700 | 52,500 |
| 02423555 | 1 | Cahaba River near Helena | 335 | 21 | 8,090 | 10,200 | 15,500 | 19,800 | 26,000 | 31,300 | 37,200 | 43,700 | 53,600 |
| | | | | | 8,180 | 10,300 | 16,000 | 20,700 | 27,500 | 33,000 | 38,900 | 45,300 | 54,500 |
| 02423800 | 1 | Little Cahaba River near Brierfield | 147 | 13 | 3,500 | 4,730 | 7,560 | 9,530 | 12,100 | 14,100 | 16,000 | 18,000 | 20,700 |
| | | | | | 3,760 | 5,040 | 8,280 | 10,900 | 14,400 | 17,200 | 19,600 | 22,500 | 26,300 |
| 02424000 | 1 | Cahaba River at Centreville | 1,027 | 94 | 22,300 | 30,200 | 49,000 | 62,700 | 81,200 | 95,600 | 111,000 | 126,000 | 148,000 |
| | | | | | 22,200 | 30,000 | 48,500 | 61,800 | 79,600 | 93,400 | 108,000 | 123,000 | 143,000 |
| 02424010 | 2 | Sandy Creek near Centreville | .59 | 17 | 135 | 180 | 298 | 395 | 541 | 667 | 810 | 972 | 1,220 |
| | | | | | 129 | 172 | 268 | 336 | 427 | 509 | 608 | 727 | 919 |
| 02424500 | 2 | Cahaba River at Sprott | 1,370 | 32 | 18,000 | 24,700 | 43,200 | 58,900 | 83,200 | 105,000 | 129,000 | 158,000 | 201,000 |
| | | | | | 17,800 | 24,400 | 41,000 | 53,000 | 68,100 | 81,000 | 96,500 | 116,000 | 147,000 |
| 02424940 | 2 | Oakmulgee Creek near Augustin | 220 | 12 | 3,190 | 4,740 | 9,340 | 13,400 | 19,600 | 25,200 | 31,600 | 38,800 | 49,900 |
| | | | | | 3,350 | 4,880 | 9,510 | 13,100 | 17,800 | 21,500 | 25,600 | 30,200 | 37,600 |
| 02425000 | * | Cahaba River near Marion Junction | 1,766 | 57 | 20,100 | 26,800 | 44,400 | 58,500 | 79,300 | 97,200 | 117,000 | 139,000 | 173,000 |
| | | | | | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02425500 | 3 | Cedar Creek at Minter | 211 | 30 | 5,670 | 7,530 | 13,300 | 18,700 | 28,000 | 36,900 | 48,100 | 61,900 | 85,400 |
| | | | | | 5,640 | 7,500 | 13,300 | 18,800 | 27,900 | 36,000 | 45,500 | 56,300 | 73,700 |
| 02425655 | 3 | Mush Creek near Selma | 44.4 | 22 | 3,710 | 5,270 | 9,420 | 12,800 | 17,600 | 21,600 | 26,100 | 31,000 | 38,000 |
| | | | | | 3,550 | 5,010 | 8,340 | 10,600 | 13,700 | 16,600 | 19,900 | 23,700 | 29,500 |
| 02426000 | 3 | Boguechitto Creek near Browns | 95.4 | 52 | 3,070 | 4,310 | 7,600 | 10,200 | 14,100 | 17,300 | 20,800 | 24,700 | 30,400 |
| | | | | | 3,080 | 4,320 | 7,680 | 10,500 | 15,100 | 19,200 | 23,900 | 29,100 | 36,600 |
| 02427250 | 3 | Pine Barren Creek near Snow Hill | 261 | 16 | 5,610 | 7,920 | 15,000 | 21,400 | 32,000 | 41,900 | 53,800 | 68,100 | 91,200 |
| | | | | | 5,640 | 7,930 | 15,100 | 21,500 | 31,700 | 40,500 | 50,700 | 62,300 | 80,500 |
| 02427300 | 4 | Prairie Creek near Oak Hill | 10.3 | 15 | 863 | 1,030 | 1,390 | 1,650 | 1,990 | 2,260 | 2,540 | 2,840 | 3,250 |
| | | | | | 804 | 969 | 1,420 | 1,820 | 2,420 | 2,900 | 3,410 | 3,940 | 4,670 |
| 02427500 | * | Alabama River near Millers Ferry | 20,600 | 24 | 123,000 | 144,000 | 187,000 | 214,000 | 248,000 | 272,000 | 296,000 | 320,000 | 352,000 |
| | | | | | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02427700 | 3 | Turkey Creek at Kimbrough | 97.5 | 39 | 3,190 | 4,420 | 8,320 | 12,000 | 18,400 | 24,500 | 32,200 | 41,600 | 57,600 |
| | | | | | 3,200 | 4,430 | 8,340 | 12,000 | 18,100 | 23,500 | 29,800 | 36,900 | 48,300 |

**Table 1.** Peak discharges for selected recurrence intervals at selected gaging stations in Alabama. — Continued

[no., number; mi², square miles; top line for each station entry is the log-Pearson Type III discharge; bottom line is the weighted-average or best-estimate discharge; *, station not used in regional analyses; --, peak discharge not computed;]

| Station number | Flood region (fig. 2) | Station name | Drainage area (mi²) | Period of record (years) | Peak discharge, in cubic feet per second, for indicated recurrence interval in years | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1.5 | 2 | 5 | 10 | 25 | 50 | 100 | 200 | 500 |
| 02427875 | 4 | Pursley Creek near Camden | 64.3 | 19 | 2,720 | 3,420 | 5,270 | 6,770 | 9,030 | 11,000 | 13,200 | 15,800 | 19,700 |
| | | | | | 2,530 | 3,170 | 4,880 | 6,260 | 8,340 | 10,100 | 12,200 | 14,500 | 17,800 |
| 02428500 | 4 | Big Flat Creek near Fountain | 247 | 27 | 3,340 | 4,770 | 9,440 | 13,900 | 21,600 | 29,200 | 38,500 | 50,100 | 69,600 |
| | | | | | 3,410 | 4,840 | 9,450 | 13,400 | 19,400 | 24,600 | 30,900 | 38,500 | 50,300 |
| 02429000 | 4 | Limestone Creek near Monroeville | 121 | 23 | 2,700 | 3,820 | 7,210 | 10,300 | 15,300 | 20,000 | 25,700 | 32,400 | 43,200 |
| | | | | | 2,690 | 3,750 | 6,870 | 9,400 | 13,100 | 16,300 | 20,200 | 24,700 | 31,500 |
| 02429500 | * | Alabama River at Claiborne | 21,967 | 44 | 114,000 | 138,000 | 183,000 | 210,000 | 243,000 | 265,000 | 286,000 | 306,000 | 332,000 |
| | | | | | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02429595 | 4 | Little River near Uriah | 99.2 | 11 | 2,030 | 2,870 | 5,480 | 7,900 | 11,900 | 15,700 | 20,400 | 25,900 | 35,100 |
| | | | | | 2,100 | 2,930 | 5,500 | 7,620 | 10,600 | 13,200 | 16,200 | 19,600 | 24,600 |
| 02429650 | 4 | Majors Creek near Tensaw | 44.4 | 11 | 1,780 | 2,480 | 4,180 | 5,420 | 7,100 | 8,410 | 9,770 | 11,200 | 13,100 |
| | | | | | 1,680 | 2,290 | 3,790 | 4,920 | 6,560 | 7,920 | 9,420 | 11,000 | 13,300 |
| 02437800 | 1 | Barn Creek near Hackleburg | 13.1 | 15 | 933 | 1,300 | 2,390 | 3,340 | 4,850 | 6,230 | 7,840 | 9,720 | 12,700 |
| | | | | | 947 | 1,310 | 2,390 | 3,310 | 4,690 | 5,880 | 7,220 | 8,660 | 10,800 |
| 02438000 | 1 | Buttahatchee River below Hamilton | 277 | 52 | 12,500 | 15,900 | 22,400 | 26,500 | 31,500 | 35,000 | 38,400 | 41,600 | 45,800 |
| | | | | | 12,200 | 15,500 | 21,900 | 25,900 | 31,100 | 34,800 | 38,400 | 41,900 | 46,600 |
| 02439000 | 2 | Buttahatchee River near Sulligent | 472 | 32 | 13,600 | 17,200 | 25,000 | 30,300 | 37,100 | 42,200 | 47,400 | 52,600 | 59,700 |
| | | | | | 13,100 | 16,600 | 23,100 | 27,100 | 32,300 | 37,100 | 42,600 | 48,600 | 57,300 |
| 02442000 | 2 | Luxapallila Creek near Fayette | 130 | 33 | 4,760 | 5,940 | 8,530 | 10,400 | 12,800 | 14,600 | 16,600 | 18,600 | 21,400 |
| | | | | | 4,650 | 5,820 | 8,230 | 10,000 | 12,500 | 14,600 | 17,000 | 19,400 | 22,800 |
| 02442500 | 2 | Luxapallila Creek at Millport | 247 | 29 | 5,420 | 6,880 | 10,200 | 12,500 | 15,700 | 18,200 | 20,800 | 23,500 | 27,300 |
| | | | | | 5,380 | 6,840 | 10,300 | 13,000 | 17,200 | 20,500 | 23,800 | 27,200 | 31,800 |
| 02443230 | 2 | Mud Creek near Fernbank | 35.8 | 12 | 2,170 | 2,590 | 3,420 | 3,960 | 4,640 | 5,150 | 5,650 | 6,150 | 6,820 |
| | | | | | 2,030 | 2,450 | 3,260 | 3,980 | 5,150 | 6,100 | 7,100 | 8,100 | 9,500 |
| 02443730 | 2 | Kincaide Creek tributary near Ethelsville | 0.24 | 13 | 49 | 68 | 117 | 155 | 210 | 254 | 302 | 353 | 427 |
| | | | | | 49 | 68 | 116 | 155 | 211 | 256 | 305 | 360 | 442 |
| 02444000 | 2 | Coal Fire Creek near Pickensville | 126 | 26 | 1,720 | 2,490 | 4,860 | 7,030 | 10,600 | 13,800 | 17,800 | 22,400 | 29,800 |
| | | | | | 1,790 | 2,580 | 5,220 | 7,700 | 11,400 | 14,200 | 17,300 | 20,700 | 26,300 |
| 02445000 | 2 | Lubbub Creek near Carrollton | 112 | 15 | 1,770 | 2,460 | 4,650 | 6,750 | 10,400 | 13,900 | 18,300 | 23,800 | 33,200 |
| | | | | | 1,870 | 2,580 | 5,120 | 7,510 | 10,900 | 13,500 | 16,300 | 19,600 | 25,100 |
| 02445245 | 1 | New River near Winfield | 59.3 | 21 | 2,920 | 3,780 | 5,700 | 7,020 | 8,720 | 10,000 | 11,300 | 12,700 | 14,500 |
| | | | | | 2,900 | 3,760 | 5,780 | 7,280 | 9,320 | 10,900 | 12,400 | 14,100 | 16,400 |

**Table 1.** Peak discharges for selected recurrence intervals at selected gaging stations in Alabama. — Continued

[no., number; mi², square miles; top line for each station entry is the log-Pearson Type III discharge; bottom line is the weighted-average or best-estimate discharge; *, station not used in regional analyses; --, peak discharge not computed;]

| Station number | Flood region (fig. 2) | Station name | Drainage area (mi²) | Period of record (years) | Peak discharge, in cubic feet per second, for indicated recurrence interval in years | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1.5 | 2 | 5 | 10 | 25 | 50 | 100 | 200 | 500 |
| 02445500 | 2 | Sipsey River at Fayette | 282 | 23 | 6,960 | 9,460 | 15,400 | 19,700 | 25,500 | 30,000 | 34,700 | 39,600 | 46,300 |
| | | | | | 6,810 | 9,220 | 14,400 | 17,800 | 22,300 | 26,100 | 30,400 | 35,200 | 42,300 |
| 02446000 | 2 | Sipsey River at Moores Bridge | 413 | 13 | 8,000 | 10,600 | 17,000 | 21,800 | 28,600 | 34,100 | 40,100 | 46,400 | 55,600 |
| | | | | | 7,830 | 10,300 | 16,200 | 20,500 | 26,600 | 31,600 | 37,100 | 43,000 | 51,900 |
| 02446500 | 2 | Sipsey River near Elrod | 528 | 60 | 6,620 | 9,080 | 14,700 | 18,600 | 23,700 | 27,500 | 31,300 | 35,100 | 40,200 |
| | | | | | 6,660 | 9,120 | 15,000 | 19,400 | 25,900 | 30,800 | 35,600 | 40,100 | 46,100 |
| 02447000 | 2 | Sipsey River near Pleasant Ridge | 769 | 22 | 6,300 | 8,280 | 13,200 | 17,100 | 22,700 | 27,300 | 32,400 | 37,900 | 46,000 |
| | | | | | 6,560 | 8,620 | 15,000 | 21,200 | 31,200 | 38,600 | 45,500 | 52,300 | 61,600 |
| 02448500 | 2 | Noxubee River near Geiger | 1,097 | 59 | 10,400 | 13,600 | 23,400 | 32,300 | 47,200 | 61,400 | 78,800 | 100,000 | 136,000 |
| | | | | | 10,500 | 13,700 | 23,800 | 33,100 | 47,700 | 59,900 | 73,900 | 90,600 | 119,000 |
| 02448900 | 3 | Bodka Creek near Geiger | 158 | 13 | 6,120 | 8,190 | 13,000 | 16,600 | 21,300 | 25,100 | 29,000 | 33,000 | 38,600 |
| | | | | | 5,860 | 7,860 | 12,400 | 16,300 | 22,700 | 28,500 | 35,300 | 42,700 | 53,900 |
| 02449000 | * | Tombigbee River at Gainesville | 8,632 | 36 | 55,600 | 71,000 | 107,000 | 134,000 | 170,000 | 200,000 | 230,000 | 264,000 | 311,000 |
| | | | | | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02449245 | 2 | Brush Creek near Eutaw | 43.2 | 26 | 1,900 | 2,500 | 3,930 | 4,980 | 6,420 | 7,560 | 8,770 | 10,000 | 11,800 |
| | | | | | 1,870 | 2,460 | 3,810 | 4,800 | 6,200 | 7,350 | 8,620 | 9,960 | 12,000 |
| 02449400 | 3 | Jones Creek near Epes | 11.8 | 16 | 1,870 | 2,210 | 2,970 | 3,500 | 4,210 | 4,770 | 5,360 | 5,970 | 6,840 |
| | | | | | 1,750 | 2,090 | 2,810 | 3,480 | 4,750 | 5,980 | 7,370 | 8,850 | 10,900 |
| 02450000 | 1 | Mulberry Fork near Garden City | 365 | 75 | 19,400 | 26,200 | 39,700 | 48,100 | 57,800 | 64,500 | 70,800 | 76,600 | 83,700 |
| | | | | | 18,900 | 25,400 | 38,300 | 45,900 | 54,800 | 61,200 | 67,500 | 73,100 | 80,100 |
| 02450180 | 1 | Mulberry Fork near Arkadelphia | 487 | 24 | 13,000 | 17,200 | 26,800 | 33,500 | 42,500 | 49,400 | 56,600 | 63,900 | 73,900 |
| | | | | | 12,800 | 16,900 | 26,400 | 32,900 | 41,900 | 48,700 | 55,800 | 63,000 | 72,600 |
| 02450200 | 1 | Dorsey Creek near Arkadelphia | 13.0 | 16 | 1,250 | 1,560 | 2,240 | 2,700 | 3,280 | 3,730 | 4,180 | 4,650 | 5,270 |
| | | | | | 1,210 | 1,520 | 2,270 | 2,830 | 3,610 | 4,240 | 4,830 | 5,520 | 6,430 |
| 02450250 | 1 | Sipsey Fork near Grayson | 92.1 | 37 | 6,040 | 7,630 | 10,900 | 13,000 | 15,600 | 17,500 | 19,400 | 21,200 | 23,700 |
| | | | | | 5,830 | 7,380 | 10,600 | 12,700 | 15,400 | 17,400 | 19,500 | 21,500 | 24,300 |
| 02450825 | 1 | Clear Creek at New Hope Church nr Poplar Springs | 101 | 12 | 4,790 | 6,320 | 9,250 | 11,000 | 13,000 | 14,300 | 15,500 | 16,600 | 18,000 |
| | | | | | 4,620 | 6,070 | 9,130 | 11,200 | 13,900 | 15,900 | 17,700 | 19,700 | 22,300 |
| 02451000 | 1 | Clear Creek at Falls City | 149 | 21 | 4,110 | 5,290 | 7,990 | 9,920 | 12,500 | 14,600 | 16,700 | 18,900 | 22,000 |
| | | | | | 4,230 | 5,440 | 8,440 | 10,800 | 14,100 | 16,700 | 19,200 | 22,000 | 25,900 |
| 02453000 | 1 | Blackwater Creek near Manchester | 181 | 52 | 3,270 | 4,160 | 6,100 | 7,440 | 9,180 | 10,500 | 11,900 | 13,300 | 15,200 |
| | | | | | 3,380 | 4,300 | 6,430 | 8,080 | 10,300 | 12,000 | 13,600 | 15,500 | 18,000 |

**Table 1.** Peak discharges for selected recurrence intervals at selected gaging stations in Alabama. — Continued

[no., number; mi², square miles; top line for each station entry is the log-Pearson Type III discharge; bottom line is the weighted-average or best-estimate discharge; *, station not used in regional analyses; --, peak discharge not computed;]

| Station number | Flood region (fig. 2) | Station name | Drainage area (mi²) | Period of record (years) | Peak discharge, in cubic feet per second, for indicated recurrence interval in years | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1.5 | 2 | 5 | 10 | 25 | 50 | 100 | 200 | 500 |
| 02453950 | 1 | Lost Creek near Jasper | 115 | 19 | 4,270 | 5,540 | 8,560 | 10,800 | 13,900 | 16,400 | 19,000 | 21,800 | 25,900 |
| | | | | | 4,280 | 5,550 | 8,720 | 11,200 | 14,600 | 17,400 | 20,100 | 23,200 | 27,400 |
| 02454000 | 1 | Lost Creek near Oakman | 134 | 23 | 4,040 | 5,150 | 8,120 | 10,600 | 14,300 | 17,500 | 21,300 | 25,500 | 32,200 |
| | | | | | 4,120 | 5,260 | 8,440 | 11,200 | 15,200 | 18,600 | 22,300 | 26,400 | 32,500 |
| 02454200 | 1 | Wolf Creek near Oakman | 85.0 | 14 | 3,460 | 4,580 | 7,430 | 9,670 | 12,900 | 15,600 | 18,600 | 22,000 | 26,800 |
| | | | | | 3,480 | 4,580 | 7,520 | 9,870 | 13,200 | 15,900 | 18,800 | 21,900 | 26,200 |
| 02454500 | 1 | Locust Fork below Snead | 147 | 17 | 4,640 | 5,810 | 8,460 | 10,400 | 13,000 | 15,000 | 17,200 | 19,400 | 22,600 |
| | | | | | 4,710 | 5,920 | 8,920 | 11,400 | 14,700 | 17,400 | 19,900 | 22,800 | 26,800 |
| 02455000 | 1 | Locust Fork near Cleveland | 303 | 62 | 8,600 | 10,500 | 15,100 | 18,500 | 23,300 | 27,300 | 31,600 | 36,200 | 42,900 |
| | | | | | 8,580 | 10,500 | 15,200 | 18,800 | 24,000 | 28,200 | 32,600 | 37,400 | 44,300 |
| 02455500 | 1 | Locust Fork at Trafford | 624 | 45 | 18,300 | 22,700 | 33,400 | 41,400 | 52,900 | 62,300 | 72,500 | 83,700 | 100,000 |
| | | | | | 17,900 | 22,300 | 32,900 | 40,700 | 51,900 | 60,900 | 70,700 | 81,100 | 95,900 |
| 02456000 | 1 | Turkey Creek at Morris | 80.9 | 38 | 4,870 | 6,450 | 9,920 | 12,300 | 15,300 | 17,600 | 19,800 | 22,000 | 25,000 |
| | | | | | 4,750 | 6,280 | 9,670 | 12,000 | 14,900 | 17,300 | 19,500 | 21,800 | 24,900 |
| 02456500 | 1 | Locust Fork at Sayre | 885 | 61 | 18,800 | 23,700 | 33,600 | 40,100 | 48,100 | 53,900 | 59,600 | 65,300 | 72,700 |
| | | | | | 18,700 | 23,600 | 33,700 | 40,500 | 49,100 | 55,400 | 61,500 | 67,900 | 76,200 |
| 02462000 | 1 | Valley Creek near Oak Grove | 148 | 52 | 6,450 | 8,100 | 12,300 | 15,600 | 20,600 | 24,800 | 29,600 | 34,900 | 43,000 |
| | | | | | 6,370 | 8,010 | 12,200 | 15,500 | 20,400 | 24,500 | 29,100 | 34,100 | 41,500 |
| 02462600 | 1 | Blue Creek near Oakman | 5.32 | 22 | 1,080 | 1,580 | 2,890 | 3,900 | 5,310 | 6,440 | 7,640 | 8,890 | 10,600 |
| | | | | | 998 | 1,440 | 2,570 | 3,320 | 4,360 | 5,200 | 6,180 | 7,080 | 8,300 |
| 02462800 | 1 | Davis Creek below Abernant | 45.3 | 17 | 1,820 | 2,240 | 3,210 | 3,930 | 4,900 | 5,690 | 6,520 | 7,420 | 8,690 |
| | | | | | 1,890 | 2,350 | 3,530 | 4,570 | 6,040 | 7,200 | 8,310 | 9,650 | 11,500 |
| 02463500 | 1 | Hurricane Creek near Holt | 108 | 17 | 4,080 | 5,320 | 8,430 | 10,900 | 14,400 | 17,300 | 20,500 | 24,100 | 29,400 |
| | | | | | 4,160 | 5,390 | 9,160 | 12,000 | 16,000 | 19,000 | 22,000 | 25,100 | 29,200 |
| 02464000 | 1 | North River near Samantha | 223 | 67 | 6,590 | 8,210 | 11,900 | 14,600 | 18,200 | 21,100 | 24,200 | 27,400 | 32,000 |
| | | | | | 6,600 | 8,230 | 12,000 | 14,900 | 18,800 | 21,900 | 25,200 | 28,600 | 33,500 |
| 02465000 | * | Black Warrior River at Northport | 4,820 | 35 | 91,200 | 114,000 | 160,000 | 188,000 | 221,000 | 245,000 | 268,000 | 290,000 | 318,000 |
| | | | | | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02465205 | 2 | Jay Creek near Coker | 3.65 | 13 | 289 | 409 | 739 | 1,010 | 1,430 | 1,780 | 2,180 | 2,630 | 3,300 |
| | | | | | 290 | 406 | 717 | 955 | 1,280 | 1,540 | 1,840 | 2,180 | 2,720 |
| 02465493 | 2 | Elliotts Creek at Moundville | 32.3 | 27 | 382 | 571 | 1,220 | 1,880 | 3,040 | 4,210 | 5,690 | 7,560 | 10,800 |
| | | | | | 415 | 614 | 1,450 | 2,400 | 4,000 | 5,230 | 6,510 | 7,970 | 10,400 |
| 02465500 | 2 | Fivemile Creek near Greensboro | 73.6 | 21 | 1,320 | 1,880 | 3,460 | 4,810 | 6,880 | 8,710 | 10,800 | 13,200 | 16,800 |
| | | | | | 1,380 | 1,950 | 3,760 | 5,410 | 7,840 | 9,680 | 11,600 | 13,700 | 16,900 |

**Table 1.** Peak discharges for selected recurrence intervals at selected gaging stations in Alabama. — Continued

[no., number; mi², square miles; top line for each station entry is the log-Pearson Type III discharge; bottom line is the weighted-average or best-estimate discharge; *, station not used in regional analyses; --, peak discharge not computed;]

| Station number | Flood region (fig. 2) | Station name | Drainage area (mi²) | Period of record (years) | Peak discharge, in cubic feet per second, for indicated recurrence interval in years | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1.5 | 2 | 5 | 10 | 25 | 50 | 100 | 200 | 500 |
| 02466000 | * | Black Warrior River at Eutaw | 5,792 | 26 | 61,400 | 76,000 | 112,000 | 140,000 | 179,000 | 213,000 | 249,000 | 290,000 | 350,000 |
| | | | | | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02466500 | 3 | Big Prairie Creek near Gallion | 171 | 13 | 9,170 | 12,600 | 21,000 | 27,300 | 36,100 | 43,100 | 50,600 | 58,400 | 69,600 |
| | | | | | 8,370 | 11,500 | 17,500 | 21,600 | 27,900 | 33,900 | 41,000 | 49,300 | 62,000 |
| 02467000 | * | Tombigbee River at Demopolis Lock and Dam near Coatopa | 15,385 | 81 | 91,500 | 111,000 | 156,000 | 188,000 | 231,000 | 266,000 | 302,000 | 340,000 | 395,000 |
| | | | | | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02467500 | 3 | Sucarnoochee River at Livingston | 607 | 64 | 5,580 | 7,840 | 14,600 | 20,600 | 30,200 | 39,100 | 49,700 | 62,100 | 82,000 |
| | | | | | 5,670 | 7,960 | 15,300 | 22,500 | 35,200 | 47,400 | 61,700 | 78,000 | 103,000 |
| 02468000 | 3 | Alamuchee Creek near Cuba | 62.3 | 17 | 992 | 1,560 | 3,930 | 6,760 | 12,600 | 19,400 | 29,100 | 42,800 | 69,600 |
| | | | | | 1,100 | 1,700 | 4,480 | 7,700 | 13,200 | 18,000 | 23,300 | 29,200 | 38,800 |
| 02468500 | 3 | Chickasaw Bogue near Linden | 257 | 29 | 11,200 | 13,900 | 20,200 | 25,000 | 31,800 | 37,400 | 43,500 | 50,200 | 60,000 |
| | | | | | 10,700 | 13,400 | 19,200 | 23,900 | 31,500 | 38,600 | 47,100 | 56,700 | 71,300 |
| 02469000 | 3 | Kinterbish Creek near York | 90.9 | 16 | 1,240 | 1,870 | 4,190 | 6,680 | 11,300 | 16,200 | 22,700 | 31,200 | 46,600 |
| | | | | | 1,380 | 2,060 | 5,020 | 8,460 | 14,500 | 19,800 | 25,800 | 32,400 | 42,500 |
| 02469500 | 3 | Tuckabum Creek near Butler | 115 | 25 | 2,450 | 3,710 | 8,090 | 12,500 | 20,200 | 27,800 | 37,400 | 49,400 | 69,800 |
| | | | | | 2,530 | 3,790 | 8,320 | 12,800 | 19,800 | 25,900 | 32,900 | 40,700 | 53,200 |
| 02469550 | 3 | Horse Creek near Sweet Water | 60.4 | 22 | 2,870 | 4,480 | 9,670 | 14,400 | 22,100 | 29,200 | 37,300 | 46,800 | 61,600 |
| | | | | | 2,840 | 4,380 | 8,850 | 12,200 | 16,800 | 20,800 | 25,200 | 30,300 | 38,400 |
| 02469700 | 4 | Okatuppa Creek at Gilbertown | 148 | 14 | 3,770 | 4,800 | 7,330 | 9,270 | 12,000 | 14,300 | 16,800 | 19,600 | 23,600 |
| | | | | | 3,570 | 4,540 | 7,180 | 9,360 | 12,500 | 15,100 | 18,000 | 21,100 | 25,600 |
| 02469800 | 3 | Satilpa Creek near Coffeeville | 164 | 48 | 3,220 | 4,480 | 8,570 | 12,500 | 19,500 | 26,300 | 35,000 | 45,900 | 64,600 |
| | | | | | 3,260 | 4,540 | 8,860 | 13,200 | 21,000 | 28,100 | 36,500 | 46,100 | 61,400 |
| 02470100 | 4 | Bassett Creek at Walker Springs | 195 | 21 | 4,040 | 5,650 | 9,670 | 12,700 | 16,900 | 20,200 | 23,700 | 27,400 | 32,500 |
| | | | | | 3,940 | 5,430 | 9,150 | 11,900 | 15,800 | 19,100 | 22,600 | 26,500 | 31,800 |
| 02470630 | * | Mobile River at Bucks | 44,000 | 52 | 238,000 | 278,000 | 352,000 | 397,000 | 450,000 | 487,000 | 522,000 | 556,000 | 600,000 |
| | | | | | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 02471001 | 4 | Chickasaw Creek near Kushla | 125 | 51 | 3,040 | 4,450 | 8,840 | 12,900 | 19,600 | 25,800 | 33,400 | 42,300 | 56,800 |
| | | | | | 3,010 | 4,360 | 8,330 | 11,600 | 16,400 | 20,800 | 26,200 | 32,600 | 42,600 |
| 02479431 | 4 | Pond Creek near Deer Park | 20.4 | 23 | 1,160 | 1,540 | 2,450 | 3,130 | 4,090 | 4,860 | 5,690 | 6,570 | 7,840 |
| | | | | | 1,120 | 1,470 | 2,360 | 3,040 | 4,060 | 4,900 | 5,820 | 6,800 | 8,200 |
| 02479560 | 4 | Escatawpa River near Agricola, Miss. | 562 | 58 | 7,460 | 9,540 | 14,800 | 18,800 | 24,800 | 29,800 | 35,400 | 41,600 | 50,800 |
| | | | | | 7,390 | 9,460 | 14,900 | 19,200 | 25,700 | 31,000 | 36,900 | 43,400 | 52,800 |

**Table 1.** Peak discharges for selected recurrence intervals at selected gaging stations in Alabama. — Continued

[no., number; mi², square miles; top line for each station entry is the log-Pearson Type III discharge; bottom line is the weighted-average or best-estimate discharge; *, station not used in regional analyses; --, peak discharge not computed;]

| Station number | Flood region (fig. 2) | Station name | Drainage area (mi²) | Period of record (years) | Peak discharge, in cubic feet per second, for indicated recurrence interval in years | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1.5 | 2 | 5 | 10 | 25 | 50 | 100 | 200 | 500 |
| 02479980 | 4 | Crooked Creek near Fairview | 8.08 | 13 | 503 | 685 | 1,180 | 1,590 | 2,200 | 2,740 | 3,350 | 4,040 | 5,090 |
| | | | | | 510 | 689 | 1,220 | 1,660 | 2,300 | 2,830 | 3,430 | 4,080 | 5,030 |
| 03572110 | 1 | Crow Creek at Bass | 131 | 22 | 7,380 | 9,040 | 12,600 | 15,000 | 18,000 | 20,400 | 22,800 | 25,200 | 28,500 |
| | | | | | 7,000 | 8,630 | 12,200 | 14,700 | 18,000 | 20,700 | 23,300 | 26,100 | 29,800 |
| 03572900 | 1 | Town Creek near Geraldine | 141 | 24 | 6,820 | 8,690 | 12,600 | 15,200 | 18,400 | 20,800 | 23,200 | 25,600 | 28,700 |
| | | | | | 6,580 | 8,400 | 12,300 | 15,000 | 18,500 | 21,200 | 23,900 | 26,700 | 30,300 |
| 03573000 | 1 | Short Creek near Albertville | 91.6 | 22 | 4,900 | 6,350 | 10,100 | 13,100 | 17,600 | 21,400 | 25,600 | 30,400 | 37,700 |
| | | | | | 4,740 | 6,150 | 9,790 | 12,600 | 16,700 | 20,100 | 23,800 | 27,800 | 33,600 |
| 03574500 | 1 | Paint Rock River near Woodville | 320 | 68 | 13,800 | 18,000 | 27,500 | 34,300 | 43,400 | 50,600 | 58,000 | 65,700 | 76,400 |
| | | | | | 13,500 | 17,600 | 26,900 | 33,300 | 41,900 | 48,700 | 55,800 | 63,000 | 73,000 |
| 03575000 | 1 | Flint River near Chase | 342 | 64 | 11,100 | 16,100 | 29,800 | 41,000 | 57,400 | 71,400 | 86,700 | 104,000 | 128,000 |
| | | | | | 11,000 | 15,900 | 29,000 | 39,200 | 53,800 | 66,000 | 79,600 | 94,100 | 114,000 |
| 03575500 | * | Tennessee River at Whitesburg | 25,610 | 60 | 167,000 | 200,000 | 254,000 | 282,000 | 311,000 | 329,000 | 345,000 | 358,000 | 373,000 |
| | | | | | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03575830 | 1 | Indian Creek near Madison | 49.0 | 44 | 2,070 | 2,950 | 5,420 | 7,490 | 10,600 | 13,400 | 16,400 | 19,900 | 25,200 |
| | | | | | 2,090 | 2,970 | 5,430 | 7,470 | 10,500 | 13,100 | 15,900 | 19,100 | 23,700 |
| 03576250 | 1 | Limestone Creek near Athens | 119 | 55 | 5,300 | 7,450 | 13,000 | 17,200 | 23,300 | 28,200 | 33,400 | 39,000 | 47,000 |
| | | | | | 5,250 | 7,350 | 12,700 | 16,700 | 22,400 | 26,900 | 31,700 | 36,800 | 43,800 |
| 03576400 | 1 | Piney Creek near Athens | 55.8 | 14 | 2,810 | 3,430 | 4,920 | 6,060 | 7,670 | 9,010 | 10,500 | 12,100 | 14,400 |
| | | | | | 2,790 | 3,440 | 5,140 | 6,580 | 8,650 | 10,300 | 12,000 | 14,000 | 16,600 |
| 03576500 | 1 | Flint Creek near Falkville | 86.3 | 29 | 4,760 | 6,110 | 8,920 | 10,800 | 13,100 | 14,800 | 16,500 | 18,200 | 20,400 |
| | | | | | 4,640 | 5,960 | 8,800 | 10,700 | 13,300 | 15,200 | 17,100 | 19,100 | 21,700 |
| 03577000 | 1 | West Flint Creek near Oakville | 87.6 | 29 | 2,930 | 3,690 | 5,340 | 6,500 | 8,000 | 9,150 | 10,300 | 11,600 | 13,200 |
| | | | | | 2,990 | 3,780 | 5,610 | 7,060 | 9,030 | 10,600 | 12,000 | 13,700 | 15,900 |
| 03577110 | 1 | West Flint Creek near Hartselle | 158 | 19 | 3,440 | 4,720 | 7,680 | 9,780 | 12,500 | 14,600 | 16,800 | 18,900 | 21,800 |
| | | | | | 3,650 | 4,970 | 8,260 | 10,900 | 14,400 | 17,100 | 19,700 | 22,500 | 26,300 |
| 03585300 | 1 | Sugar Creek near Good Springs | 152 | 12 | 7,530 | 10,200 | 16,900 | 22,000 | 29,300 | 35,300 | 41,700 | 48,700 | 58,800 |
| | | | | | 7,000 | 9,390 | 15,300 | 19,300 | 25,000 | 29,500 | 34,600 | 39,500 | 46,300 |
| 03586500 | 1 | Big Nance Creek at Courtland | 166 | 57 | 4,980 | 6,430 | 9,680 | 12,000 | 15,000 | 17,400 | 19,900 | 22,400 | 26,000 |
| | | | | | 5,010 | 6,460 | 9,820 | 12,300 | 15,600 | 18,300 | 20,900 | 23,700 | 27,600 |
| 03589500 | * | Tennessee River at Florence | 30,810 | 55 | 225,000 | 264,000 | 331,000 | 369,000 | 412,000 | 441,000 | 468,000 | 493,000 | 524,000 |
| | | | | | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 03590000 | 1 | Cypress Creek near Florence | 209 | 21 | 6,990 | 9,860 | 16,700 | 21,500 | 27,900 | 32,700 | 37,600 | 42,500 | 49,000 |
| | | | | | 6,920 | 9,650 | 16,200 | 20,700 | 26,700 | 31,300 | 36,000 | 40,600 | 46,800 |

**Table 1.** Peak discharges for selected recurrence intervals at selected gaging stations in Alabama. — Continued

[no., number; mi², square miles; top line for each station entry is the log-Pearson Type III discharge; bottom line is the weighted-average or best-estimate discharge; *, station not used in regional analyses; --, peak discharge not computed;]

| Station number | Flood region (fig. 2) | Station name | Drainage area (mi²) | Period of record (years) | Peak discharge, in cubic feet per second, for indicated recurrence interval in years | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1.5 | 2 | 5 | 10 | 25 | 50 | 100 | 200 | 500 |
| 03591570 | 1 | Bear Creek at Posey Hill | 26.8 | 12 | 1,090 | 1,480 | 2,440 | 3,150 | 4,120 | 4,890 | 5,700 | 6,550 | 7,730 |
| | | | | | 1,180 | 1,600 | 2,720 | 3,680 | 5,040 | 6,100 | 7,130 | 8,320 | 9,930 |
| 03591800 | 1 | Bear Creek near Hackleburg | 143 | 24 | 5,720 | 7,760 | 12,600 | 16,100 | 20,800 | 24,500 | 28,300 | 32,200 | 37,600 |
| | | | | | 5,640 | 7,610 | 12,300 | 15,700 | 20,300 | 23,900 | 27,600 | 31,400 | 36,600 |
| 03592200 | 2 | Cedar Creek near Pleasant Site | 189 | 23 | 6,720 | 8,790 | 13,500 | 17,000 | 21,500 | 25,100 | 28,800 | 32,700 | 38,100 |
| | | | | | 6,460 | 8,440 | 12,200 | 14,700 | 17,800 | 20,700 | 24,100 | 27,900 | 33,600 |
| 03592300 | 2 | Little Bear Creek near Halltown | 78.2 | 20 | 3,120 | 4,060 | 6,500 | 8,480 | 11,400 | 14,000 | 16,900 | 20,100 | 25,000 |
| | | | | | 3,030 | 3,940 | 6,070 | 7,630 | 9,740 | 11,600 | 13,700 | 16,200 | 20,100 |
| 03592500 | 2 | Bear Creek at Bishop | 667 | 41 | 12,100 | 15,800 | 24,600 | 31,000 | 39,800 | 46,800 | 54,100 | 61,900 | 72,800 |
| | | | | | 12,000 | 15,600 | 23,900 | 29,700 | 37,700 | 44,300 | 51,600 | 59,400 | 70,800 |

# Appendix

Supplemental data for gaging stations in Alabama.

The following tables contain peak stage and discharge data for streamflow gaging stations in Alabama. The tables contain a brief description of the gage location, type of gage, gage datum (if known), drainage area in square miles, historical data and explanatory remarks. Elevations are referenced to the National Geodetic Vertical Datum of 1929 (NGVD 29).

The tables of peak stages and discharges show only the annual maximums. The qualification codes in the tables correspond to the peak data codes as used in the U.S. Geological Survey National Water Information System (NWIS). The following qualification codes apply to the discharge columns:

[1] discharge is a maximum daily average;

[2] discharge is an estimate;

[4] discharge is less than indicated value, which is the minimum recordable discharge at this site;

[5] discharge affected to unknown degree by regulation or diversion;

[6] discharge affected by regulation or diversion;

[7] discharge is an historic peak;

[A] year of occurrence is unknown or not exact;

[B] month or day of occurrence is unknown or not exact;

[E] only maximum peak available for this year.

The following qualification codes apply to the gage height columns:

[1] gage height affected by backwater;

[2] gage height not the maximum for the year;

[3] gage height at different data or at different site and datum;

[5] gage height is an estimate.

The following abbreviations apply to the tables:

--, date or data not available; ft, feet; ft3/s, cubic feet per second; mi, mile; mi2, square miles.

## 02339225 WEHADKEE CREEK BELOW ROCK MILLS

LOCATION.--Lat 33°07'20", long 85°14'57", in NW$^1/_4$ sec. 12, T. 22 S., R. 13 E., Randolph County, Hydrologic Unit 03130002, on county road, 0.7 mi downstream from Little Wehadkee Creek, 2.1 mi upstream from Guss Creek, and 3.5 mi southeast of Rock Mills.
DRAINAGE AREA.--60.2 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 647.21 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Apr. 13 | 4,050 | 12.45 | 1983 | Apr. 8 | 3,650 | 12.14 | 1987 | Nov. 26 | 1,210 | 9.03 |
| 1980 | Jan. 19 | 1,790 | 10.25 | 1984 | Dec. 3 | 1,800 | 10.27 | 1988 | Sept. 17 | 3,870 | 12.34 |
| 1981 | May 27 | 2,800 | 11.39 | 1985 | Feb. 6 | 1,250 | 9.14 | 1989 | June 21 | 3,540 | 12.08 |
| 1982 | Feb. 3 | 7,390 | 14.42 | 1986 | Oct. 1 | 1,090 | 8.68 | 1990 | Mar. 17 | 11,000 | 16.00 |

## 02340750 OSANIPPA CREEK NEAR FAIRFAX

LOCATION.--Lat 32°47'20", long 85°11'30", in NW$^1/_4$ sec. 25, T. 21 N., R. 28 E., Chambers County, Hydrologic Unit 03130002, at bridge on U.S. Highway 29, 1 mi southwest of Fairfax.
DRAINAGE AREA.--99.7 mi$^2$.
GAGE.--Crest-stage gage. Datum not available.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1953 | May 1 | 3,500 | 7.80 | 1961 | Feb. 25 | 19,500 | 16.08 | 1969 | Apr. 19 | 3,700 | 8.00 |
| 1954 | Dec. 5 | 3,100 | 7.30 | 1962 | Apr. 12 | 4,290 | 8.66 | 1970 | Mar. 19 | 5,250 | 9.65 |
| 1955 | Apr. 14 | 1,320 | 5.20 | 1963 | Nov. 22 | 4,250 | 8.61 | 1971 | Mar. 3 | 6,800 | 10.86 |
| 1956 | Sept. 26 | 8,000 | 11.70 | 1964 | Apr. 8 | 3,860 | 8.18 | 1972 | Jan. 11 | 3,380 | 7.65 |
| 1957 | Dec. 24 | 5,300 | 9.70 | 1965 | Oct. 5 | 4,490 | 8.88 | 1973 | Feb. 2 | 3,930 | 8.26 |
| 1958 | Feb. 6 | 1,800 | 5.80 | 1966 | Feb. 13 | 4,020 | 8.36 | 1974 | May 24 | 2,990 | 7.21 |
| 1959 | Mar. 22 | 4,100 | 8.40 | 1967 | Feb. 6 | 1,670 | 5.65 | | | | |
| 1960 | Apr. 3 | 5,800 | 10.20 | 1968 | Mar. 11 | 3,100 | 7.33 | | | | |

## 02342150 UCHEE CREEK NEAR SEALE

LOCATION.--Lat 32°21'16", long 85°05'44", in NE$^1/_4$ sec. 26, T. 16 N., R. 29 E., Russell County, Hydrologic Unit 03130003, at bridge on U.S. Highway 431, 6 mi northeast of Seale.
DRAINAGE AREA.--162 mi$^2$.
GAGE.--Crest-stage gage. Datum of gage is 275 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Mar. 20 | 761 | 5.92 | 1958 | Mar. 8 | 14,100 | 13.10 | 1965 | Oct. 6 | 6,020 | 11.06 |
| 1952 | Mar. 25 | 5,590 | 10.90 | 1959 | June 2 | 3,450 | 9.90 | 1966 | Mar. 3 | 7,860 | 11.65 |
| 1953 | May 1 | 4,340 | 10.40 | 1960 | Apr. 3 | 5,340 | 10.80 | 1967 | Jan. 2 | 2,600 | 9.39 |
| 1954 | Dec. 5 | 4,340 | 10.40 | 1961 | Feb. 25 | 6,740 | 11.29 | 1968 | Mar. 12 | 3,220 | 9.85 |
| 1955 | July 12 | 3,450 | 9.90 | 1962 | Feb. 23 | 3,480 | 9.93 | 1969 | Apr. 19 | 12,000 | 12.69 |
| 1956 | Mar. 17 | 2,000 | 9.00 | 1963 | Mar. 6 | 2,300 | 9.20 | 1970 | Mar. 21 | 753 | 5.88 |
| 1957 | Apr. 5 | 6,140 | 11.10 | 1964 | Apr. 9 | 19,500 | 14.06 | | | | |

## 02342200 PHELPS CREEK NEAR OPELIKA

LOCATION.--Lat 32°33'49", long 85°16'36", in SW$^1/_4$ sec. 7, T. 18 N., R. 28 E., Lee County, Hydrologic Unit 03130003, on county road, 1 mi upstream from mouth, and 9 mi southeast of Opelika.
DRAINAGE AREA.--6.67 mi$^2$.
GAGE.--Water-stage recorder, 1959-68. Crest-stage gage 1969-74. Datum of gage is 530 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1959 | Feb. 4 | 247 | 6.50 | 1965 | Oct. 5 | 822 | 8.36 | 1971 | Mar. 2 | 1,500 | 9.10 |
| 1960 | Apr. 3 | 668 | 8.13 | 1966 | Sept. 13 | 1,560 | 9.14 | 1972 | Jan. 10 | 157 | 5.01 |
| 1961 | Feb. 24 | 1,210 | 8.81 | 1967 | Sept. 3 | 515 | 7.85 | 1973 | Dec. 21 | 1,560 | 9.14 |
| 1962 | Mar. 10 | 766 | 8.28 | 1968 | Mar. 11 | 1,060 | 8.66 | 1974 | Apr. 2 | 362 | 7.36 |
| 1963 | Mar. 6 | 585 | 7.99 | 1969 | Mar. 24 | 1,000 | 8.60 | | | | |
| 1964 | Apr. 8 | 3,030 | 9.85 | 1970 | Mar. 20 | 920 | 8.50 | | | | |

## 02342500 UCHEE CREEK NEAR FORT MITCHELL

LOCATION.--Lat 32°19'00", long 85°00'54", in SW$^1/_4$ sec. 3, T. 15 N., R. 30 E., Russell County, Hydrologic Unit 03130003, on State Highway 165, 2 mi south of Fort Mitchell, 4.8 mi downstream from Little Uchee Creek, and 5.3 mi upstream from mouth.

DRAINAGE AREA.--322 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 201.76 ft NGVD 29. Prior to Sept. 1, 1953, at site 1,000 ft upstream at same datum, and Sept. 1, 1953 to Aug. 15, 1965, at present site at same datum, and Aug. 15, 1965 to Nov. 15, 1990, at site 120 ft upstream at same datum.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1947 | Apr. 3 | 10,300 | 14.73 | 1966 | Mar. 4 | 16,500 | 18.73 | 1985 | Feb. 7 | 4,510 | 7.03 |
| 1948 | July 11 | 13,000 | 17.31 | 1967 | Jan. 2 | 4,720 | 7.22 | 1986 | Mar. 19 | 6,200 | 8.98 |
| 1949 | Nov. 27 | 25,000 | 23.20 | 1968 | Mar. 13 | 8,910 | 12.11 | 1987 | Feb. 28 | 8,430 | 11.49 |
| 1950 | Mar. 7 | 4,270 | 7.90 | 1969 | Apr. 19 | 11,200 | 14.24 | 1988 | Feb. 3 | 4,580 | 7.08 |
| 1951 | Apr. 23 | 1,860 | 4.95 | 1970 | Mar. 21 | 5,660 | 8.39 | 1989 | July 4 | 9,750 | 12.86 |
| 1952 | Mar. 25 | 11,900 | 16.35 | 1971 | Mar. 4 | 13,500 | 16.26 | 1990 | Mar. 17 | 24,900 | 23.18 |
| 1953 | May 1 | 9,290 | 13.65 | 1972 | Jan. 13 | 3,480 | 5.84 | 1991 | Mar. 30 | 12,500 | 15.40 |
| 1954 | Dec. 5 | 9,400 | 12.40 | 1973 | Dec. 22 | 11,200 | 14.30 | 1992 | Jan. 14 | 6,720 | 9.88 |
| 1955 | July 12 | 5,310 | 7.50 | 1974 | Apr. 5 | 4,430 | 6.90 | 1993 | Nov. 26 | 26,900 | 23.64 |
| 1956 | Mar. 17 | 4,680 | 7.54 | 1975 | Apr. 15 | 10,100 | 13.25 | 1994 | July 8 | 25,600 | 23.35 |
| 1957 | Apr. 6 | 11,600 | 15.10 | 1976 | Apr. 1 | 9,380 | 12.48 | 1995 | Feb. 18 | 6,180 | 9.37 |
| 1958 | Mar. 8 | 21,100 | 22.00 | 1977 | Oct. 8 | 8,630 | 11.66 | 1996 | Oct. 5 | 9,640 | 12.75 |
| 1959 | Mar. 6 | 3,200 [1] | -- | 1978 | Jan. 26 | 15,700 | 18.01 | 1997 | Apr. 28 | 9,970 | 13.08 |
| 1960 | Apr. 3 | 9,400 | 12.50 | 1979 | Apr. 5 | 12,800 | 15.71 | 1998 | Mar. 9 | 18,200 | 19.95 |
| 1961 | Feb. 25 | 14,800 | 17.36 | 1980 | Apr. 14 | 7,350 | 10.28 | 1999 | Feb. 1 | 3,620 | 6.67 |
| 1962 | Apr. 13 | 7,430 | 10.43 | 1981 | Apr. 2 | 18,500 | 20.26 | 2000 | Mar. 20 | 4,730 | 7.92 |
| 1963 | Jan. 21 | 4,800 [1] | -- | 1982 | Feb. 4 | 8,910 | 12.01 | 2001 | Mar. 4 | 15,200 | 17.65 |
| 1964 | Apr. 9 | 55,100 | 26.45 | 1983 | Mar. 6 | 9,850 | 12.95 | 2002 | Feb. 7 | 1,600 | 3.91 |
| 1965 | Oct. 6 | 10,200 | 13.28 | 1984 | Mar. 26 | 5,530 | 8.23 | 2003 | July 2 | 8,270 | 11.32 |

## 02342933 SOUTH FORK COWIKEE CREEK NEAR BATESVILLE

LOCATION.--Lat 32°01'03", long 85°17'45", in SE$^1/_4$ sec. 14, T. 12 N., R. 27 E., Barbour County, Hydrologic Unit 03130003, on county road, 1.2 mi northeast of Batesville, 11.2 mi northwest of Eufaula, and 13.0 mi upstream from mouth.
DRAINAGE AREA.--112 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 200 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | May 2 | 5,640 | 14.86 | 1978 | Jan. 25 | 10,900 | 28.03 | 1991 | Mar. 2 | 3,820 | 16.15 |
| 1965 | Oct. 5 | 7,040 | 19.13 | 1979 | Apr. 4 | 4,730 | 17.26 | 1992 | Jan. 13 | 4,080 | 16.61 |
| 1966 | Feb. 13 | 6,040 | 15.85 | 1980 | Mar. 30 | 5,270 | 18.34 | 1993 | Dec. 17 | 5,490 | 19.40 |
| 1967 | Jan. 1 | 5,060 | 13.40 | 1981 | Feb. 10 | 5,800 | 19.40 | 1994 | July 4 | 13,100 | 31.17 |
| 1968 | Mar. 12 | 6,810 | 18.37 | 1982 | Feb. 3 | 4,530 | 16.82 | 1995 | Feb. 28 | 5,210 | 18.09 |
| 1969 | Apr. 18 | 4,600 | 12.45 | 1983 | Mar. 6 | 4,680 | 17.15 | 1996 | Feb. 2 | 5,820 | 19.32 |
| 1970 | Mar. 30 | 5,220 | 13.79 | 1984 | Mar. 5 | 2,000 | 10.01 | 1997 | Feb. 15 | 4,950 | 17.53 |
| 1971 | Mar. 3 | 6,750 | 18.18 | 1985 | June 18 | 1,820 [E] | 9.39 | 1998 | Mar. 8 | 9,190 | 25.48 |
| 1972 | Mar. 2 | 5,270 | 13.92 | 1986 | Mar. 13 | 7,550 | 22.79 | 1999 | Mar. 14 | 6,520 | 20.70 |
| 1973 | Mar. 31 | 12,200 | 27.40 | 1987 | Feb. 28 | 2,510 | 11.17 | 2000 | Mar. 20 | 3,210 | 13.66 |
| 1974 | Feb. 8 | 3,370 | 10.12 | 1988 | Mar. 4 | 2,340 | 10.68 | 2001 | Mar. 4 | 9,740 | 26.05 |
| 1975 | Feb. 17 | 18,100 | 37.08 | 1989 | May 1 | 3,270 | 13.33 | 2002 | Nov. 25 | 4,880 | 17.37 |
| 1976 | Oct. 17 | 8,650 | 24.58 | 1990 | Mar. 17 | 28,200 | 43.40 | 2003 | July 1 | 5,200 | 18.02 |
| 1977 | Mar. 22 | 3,510 | 14.19 | | | | | | | | |

## 02343275 ABBIE CREEK NEAR ABBEVILLE

LOCATION.--Lat 31°33'42", long 85°12'18", in SW$^1/_4$ sec. 23, T. 7 N., R. 28 E., Henry County, Hydrologic Unit 03130004, at bridge on State Highway 10, 2.5 mi east of Abbeville.
DRAINAGE AREA.--48.7 mi$^2$.
GAGE.--Crest-stage gage. Datum not available.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | -- | 7,020 [2] | 9.10 | 1960 | Apr. 5 | 1,100 | 6.30 | 1969 | May 15 | 1,280 | 6.52 |
| 1952 | Feb. 16 | 860 | 6.00 | 1961 | Mar. 31 | 960 | 6.13 | 1970 | Mar. 31 | 1,300 | 6.54 |
| 1953 | May 4 | 13,000 [2] | 10.31 | 1962 | Apr. 1 | 1,950 | 7.06 | 1971 | Feb. 22 | 1,900 | 7.14 |
| 1954 | Dec. 6 | 1,300 | 6.50 | 1963 | Feb. 12 | 1,725 | 6.90 | 1972 | Dec. 21 | 1,725 | 6.90 |
| 1955 | Apr. 13 | 330 | 5.10 | 1964 | Mar. 3 | 1,850 | 6.96 | 1973 | Dec. 8 | 2,450 | 7.39 |
| 1956 | Sept. 25 | 2,500 | 7.40 | 1965 | Feb. 18 | 660 | 5.69 | 1974 | Dec. 26 | 1,850 | 6.99 |
| 1957 | Apr. 6 | 1,725 | 6.90 | 1966 | Mar. 4 | 1,275 | 6.50 | 1990 | Mar. 17 | 7,100 | 9.10 |
| 1958 | Apr. 10 | 550 | 5.50 | 1967 | Jan. 3 | 1,175 | 6.41 | 1994 | July 6 | 28,000 [7] | 13.00 |
| 1959 | Feb. 5 | 1,100 | 6.30 | 1968 | Nov. 1 | 420 | 5.22 | | | | |

## 02343300 ABBIE CREEK NEAR HALEBURG

LOCATION.--Lat 31°28'24", long 85°09'45", in SE$^1/_4$ sec. 19, T. 6 N., R. 29 E., Henry County, Hydrologic Unit 03130004, on State Highway 95, 1.2 mi upstream from Peterman Creek, 4.5 mi northwest of Haleburg, 7.8 mi upstream from mouth, and 9 mi southeast of Abbeville.
DRAINAGE AREA.--146 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 145.74 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | Apr. 10 | 1,000 [2] | 6.57 | 1970 | Mar. 31 | 7,590 | 23.84 | 1983 | Mar. 7 | 2,840 | 11.54 |
| 1959 | Feb. 5 | 1,460 | 8.13 | 1971 | Jan. 5 | 2,340 | 10.38 | 1984 | May 4 | 3,350 | 13.13 |
| 1960 | Apr. 5 | 2,880 | 11.98 | 1972 | Dec. 21 | 2,060 | 9.45 | 1985 | Feb. 7 | 4,180 | 15.59 |
| 1961 | Mar. 31 | 3,000 | 12.30 | 1973 | -- | 5,300 | 18.60 | 1986 | Dec. 13 | 1,080 | 6.80 |
| 1962 | Jan. 6 | 3,700 | 14.42 | 1975 | Apr. 10 | 4,920 | 17.63 | 1987 | Jan. 22 | 930 | 6.29 |
| 1963 | Feb. 12 | 2,690 | 11.42 | 1976 | Jan. 26 | 4,950 | 17.70 | 1988 | Mar. 4 | 1,400 | 7.56 |
| 1964 | Mar. 3 | 3,340 | 13.19 | 1977 | Nov. 29 | 5,300 | 18.38 | 1989 | June 9 | 1,050 | 6.69 |
| 1965 | Dec. 26 | 3,070 | 11.67 | 1978 | Jan. 26 | 7,080 | 23.07 | 1990 | Mar. 18 | 5,730 | 19.72 |
| 1966 | Mar. 5 | 2,210 | 9.45 | 1979 | Feb. 24 | 3,970 | 15.01 | 1991 | Jan. 31 | 2,460 | 10.73 |
| 1967 | Jan. 3 | 1,940 | 8.69 | 1980 | Mar. 13 | 3,970 | 15.00 | 1992 | Jan. 13 | 1,900 | 9.17 |
| 1968 | Dec. 11 | 1,330 | 6.98 | 1981 | Feb. 11 | 6,650 | 22.00 | 1993 | Mar. 27 | 1,730 | 8.68 |
| 1969 | May 15 | 3,660 | 14.40 | 1982 | Feb. 3 | 2,650 | 11.21 | 1994 | July 6 | 35,000 [7] | 37.00 |

## 02343700 STEVENSON CREEK NEAR HEADLAND

LOCATION.--Lat 31°21'18", long 85°11'05", in SE$^1/_4$ sec. 36, T. 5 N., R. 28 E., Henry County, Hydrologic Unit 03130004, on State Highway 134, 1 mi upstream from mouth, and 9.5 mi east of Headland.
DRAINAGE AREA.--14.0 mi$^2$.
GAGE.--Water-stage recorder 1960-65. Crest-stage gage 1966-74. Datum of gage is 150.39 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1960 | Apr. 4 | 728 | 7.92 | 1965 | Apr. 19 | 2,530 | 10.31 | 1970 | Dec. 25 | 458 | 4.97 |
| 1961 | Apr. 15 | 1,070 | 9.13 | 1966 | Feb. 28 | 872 | 7.02 | 1971 | Mar. 26 | 1,500 | 8.47 |
| 1962 | Jan. 6 | 3,120 | 12.01 | 1967 | Dec. 31 | 396 | 4.58 | 1972 | May 8 | 649 | 6.08 |
| 1963 | Feb. 11 | 978 | 8.53 | 1968 | Dec. 10 | 784 | 6.68 | 1973 | June 7 | 1,420 | 8.57 |
| 1964 | Mar. 2 | 2,200 | 9.90 | 1969 | Mar. 18 | 633 | 6.00 | 1974 | Jan. 2 | 2,180 | 9.87 |

## 02358785 COWARTS CREEK NEAR COTTONWOOD

LOCATION.--Lat 31°01'30", long 85°13'21", in SW$^1/_4$ sec. 10, T. 7 N., R. 10 W., Houston County, Hydrologic Unit 03130012, at bridge on State Highway 53, 5.4 mi southeast of Cottonwood.
DRAINAGE AREA.--103 mi$^2$.
GAGE.--Crest-stage gage. Datum not available.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1971 | Feb. 8 | 2,260 | 6.80 | 1975 | Apr. 10 | 14,400 | 12.59 | 1979 | Mar. 4 | 10,600 | 11.42 |
| 1972 | June 20 | 4,500 | 8.47 | 1976 | Oct. 17 | 4,070 | 8.18 | 1980 | Mar. 13 | 5,820 | 9.35 |
| 1973 | Feb. 2 | 4,680 | 8.59 | 1977 | Mar. 14 | 2,060 | 6.60 | 1994 | July 7 | 9,000 | 10.77 |
| 1974 | Feb. 17 | 2,590 | 7.09 | 1978 | Jan. 26 | 10,900 | 11.54 | | | | |

## 02360000 WEST FORK CHOCTAWHATCHEE RIVER AT BLUE SPRINGS

LOCATION.--Lat 31°39'49" long 87°30'18", in SE$^1/_4$ sec. 14, T. 8 N., R. 25 E., Barbour County, Hydrologic Unit 03140201, on State Highway 10 at Blue Springs, 4 mi downstream from Lindsey Creek.
DRAINAGE AREA.--86.8 mi$^2$.
GAGE.--Water-stage recorder 1944-53. Crest-stage gage 1954-71. Datum of gage is 289.24 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1944 | Mar. 29 | 4,820 | 9.10 | 1954 | Dec. 4 | 2,850 | 7.60 | 1964 | Mar. 3 | 1,110 | 5.82 |
| 1945 | Mar. 21 | 470 | 4.68 | 1955 | Feb. 7 | 2,510 | 7.30 | 1965 | Oct. 5 | 2,000 | 6.80 |
| 1946 | Mar. 28 | 3,310 | 7.92 | 1956 | Sept. 26 | 9,200 | 11.50 | 1966 | Mar. 4 | 2,140 | 6.94 |
| 1947 | June 23 | 2,280 | 6.98 | 1957 | Apr. 6 | 7,100 | 10.30 | 1967 | Jan. 3 | 3,330 | 7.99 |
| 1948 | Mar. 7 | 1,660 | 6.33 | 1958 | Mar. 2 | 630 | 5.20 | 1968 | Nov. 1 | 1,320 | 6.08 |
| 1949 | Nov. 27 | 2,550 | 7.33 | 1959 | Feb. 5 | 1,090 | 5.80 | 1969 | Mar. 24 | 930 | 5.60 |
| 1950 | Apr. 5 | 586 | 4.90 | 1960 | Apr. 4 | 3,470 | 8.10 | 1970 | Mar. 31 | 2,580 | 7.36 |
| 1951 | Mar. 30 | 970 | 5.48 | 1961 | Apr. 15 | 1,470 | 6.24 | 1971 | Mar. 26 | 2,490 | 7.28 |
| 1952 | Mar. 24 | 1,900 | 6.72 | 1962 | Apr. 1 | 1,460 | 6.23 | 1990 | Mar. 17 | 25,000 [7] | 17.32 |
| 1953 | Apr. 10 | 3,730 | 8.27 | 1963 | Jan. 21 | 1,900 | 6.70 | 1994 | July 6 | 6,800 | 10.20 |

## 02360275 JUDY CREEK NEAR OZARK

LOCATION.--31°27'47", long 85°34'20", in SE$^1/_4$ sec. 30, T. 6 N., R. 25 E., Dale County, Hydrologic Unit 03140201, at bridge on county road, 1 mi upstream from mouth and 4.5 mi east of Ozark.
DRAINAGE AREA.--102 mi$^2$.
GAGE.--Crest-stage gage. Datum not available.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Mar. 29 | 1,230 | 7.70 | 1961 | Feb. 23 | 1,120 | 7.18 | 1971 | Mar. 26 | 1,650 | 9.77 |
| 1952 | Feb. 15 | 2,050 | 11.50 | 1962 | Apr. 1 | 2,280 | 12.20 | 1972 | Dec. 21 | 2,130 | 11.78 |
| 1953 | May 4 | 13,500 | 19.00 | 1963 | Jan. 20 | 1,580 | 9.39 | 1973 | May 28 | 5,570 | 16.14 |
| 1954 | Dec. 6 | 6,200 | 16.50 | 1964 | Mar. 3 | 3,860 | 14.70 | 1974 | Apr. 4 | 1,020 | 6.76 |
| 1955 | Apr. 13 | 2,830 | 13.30 | 1965 | Oct. 5 | 3,880 | 14.72 | 1975 | Apr. 10 | 5,820 | 16.29 |
| 1956 | Sept. 25 | 12,000 | 18.70 | 1966 | Mar. 5 | 2,340 | 12.33 | 1976 | Oct. 17 | 2,560 | 12.80 |
| 1957 | Apr. 7 | 17,000 | 19.70 | 1967 | Jan. 3 | 5,000 | 15.75 | 1977 | Jan. 14 | 4,140 | 15.00 |
| 1958 | Apr. 10 | 1,600 | 9.00 | 1968 | Mar. 12 | 1,580 | 9.44 | 1990 | Mar. 17 | 29,000[2,7] | 22.29 |
| 1959 | Feb. 5 | 1,900 | 11.00 | 1969 | May 19 | 2,300 | 12.24 | 1994 | July 6 | 13,000 | 19.02 |
| 1960 | Apr. 5 | 5,600 | 16.10 | 1970 | Mar. 31 | 2,320 | 12.30 | | | | |

## 02360500 EAST FORK CHOCTAWHATCHEE RIVER NEAR MIDLAND CITY

LOCATION.--Lat 31°22'23", long 85°28'38", in NW$^1/_4$ sec. 31, T. 5 N., R. 26 E., Dale County, Hydrologic Unit 03140201, 4 mi upstream from West Fork Choctawhatchee River and 4 mi north of Midland City.
DRAINAGE AREA.--291 mi$^2$.
GAGE.--Water-stage recorder 1953-63. Crest-stage gage 1964-70. Datum of gage is 179.10 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1953 | May 4 | 15,700 | 23.82 | 1959 | Feb. 6 | 2,230 | 12.40 | 1967 | Jan. 3 | 5,900 | 18.15 |
| 1954 | Dec. 6 | 6,390 | 18.20 | 1960 | Apr. 5 | 5,150 | 17.54 | 1968 | Mar. 14 | 1,890 | 9.80 |
| 1955 | Apr. 14 | 1,900 | 10.52 | 1961 | Apr. 15 | 4,150 | 16.55 | 1969 | May 15 | 6,840 | 18.88 |
| 1956 | Sept. 27 | 4,500 | 16.94 | 1962 | Apr. 2 | 4,030 | 16.26 | 1970 | Apr. 1 | 9,840 | 20.90 |
| 1957 | Apr. 7 | 8,690 | 19.90 | 1963 | Sept. 29 | 3,140 | 13.95 | 1990 | Mar. 17 | 27,500 | 28.18 |
| 1958 | Mar. 9 | 1,860 | 10.40 | 1966 | Mar. 5 | 3,900 | 16.00 | 1994 | July 6 | 31,000[2,7] | 29.30 |

## 02361000 CHOCTAWHATCHEE RIVER NEAR NEWTON

LOCATION.--Lat 31°20'30", long 85°36'43", in SE$^1/_4$ sec. 2, T. 4 N., R. 24 E., Dale County, Hydrologic Unit 03140201, on State Highway 123, 0.8 mi north of Newton, 1 mi downstream from Atlantic Coast Line Railroad bridge, and at mile 133.0.

DRAINAGE AREA.--686 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 138.56 ft NGVD 29. See Water-Supply Papers 1304 or 1724 for history of changes prior to Sept. 9, 1938.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1922 | June 2 | 11,400 | 16.62 | 1954 | Dec. 7 | 12,000 | 23.00 | 1979 | Feb. 25 | 11,000 | 23.17 |
| 1923 | Mar. 20 | 13,200 | 18.53 | 1955 | Apr. 15 | 6,780 | 14.69 | 1980 | Mar. 13 | 8,940 | 20.74 |
| 1924 | Jan. 25 | 7,340 | 10.60 | 1956 | Sept. 27 | 13,000 | 24.54 | 1981 | Feb. 11 | 9,070 | 20.90 |
| 1925 | Jan. 17 | 28,000 | 28.00 | 1957 | Apr. 6 | 16,800 | 26.60 | 1982 | Feb. 4 | 7,940 | 19.41 |
| 1926 | Sept. 22 | 14,700 | 23.22 | 1958 | Mar. 9 | 5,000 | 11.20 | 1983 | Mar. 27 | 5,800 | 15.97 |
| 1927 | Feb. 18 | 3,760 | 6.40 | 1959 | Feb. 5 | 6,980 | 15.30 | 1984 | May 4 | 6,490 | 17.23 |
| 1929 | Mar. 15 | 110,000 [7] | 42.00 | 1960 | Apr. 5 | 13,700 | 24.70 | 1985 | Feb. 7 | 12,000 | 24.21 |
| 1935 | July 14 | 5,550 | 12.42 | 1961 | Apr. 16 | 7,640 | 16.68 | 1986 | Mar. 15 | 5,730 | 15.46 |
| 1936 | Jan. 20 | 25,800 | 29.50 | 1962 | Apr. 2 | 8,330 | 17.84 | 1987 | Mar. 30 | 3,690 | 11.58 |
| 1937 | Sept. 2 | 16,200 | 26.40 | 1963 | Feb. 12 | 8,350 | 17.86 | 1988 | Mar. 5 | 6,620 | 17.03 |
| 1938 | Nov. 14 | 9,650 | 20.10 | 1964 | Mar. 4 | 10,600 | 21.43 | 1989 | June 16 | 3,410 | 11.00 |
| 1939 | Mar. 1 | 9,430 | 19.66 | 1965 | Dec. 26 | 8,060 | 17.39 | 1990 | Mar. 18 | 87,500 | 40.30 |
| 1940 | Feb. 19 | 9,600 | 20.03 | 1966 | Mar. 6 | 9,600 | 20.44 | 1991 | Feb. 1 | 10,100 | 22.10 |
| 1941 | July 16 | 2,580 | 6.98 | 1967 | Jan. 3 | 11,400 | 22.53 | 1992 | Mar. 7 | 5,790 | 15.58 |
| 1942 | Dec. 26 | 3,900 | 10.76 | 1968 | Mar. 13 | 4,600 | 11.56 | 1993 | Nov. 27 | 9,520 | 21.46 |
| 1943 | Jan. 20 | 19,300 | 27.40 | 1969 | May 16 | 10,600 | 21.33 | 1994 | July 7 | 60,800 | 37.78 |
| 1944 | Apr. 16 | 12,500 | 23.40 | 1970 | Apr. 1 | 19,600 | 27.90 | 1995 | Feb. 12 | 9,790 | 21.78 |
| 1945 | Apr. 25 | 3,300 | 9.61 | 1971 | Mar. 27 | 11,600 | 22.86 | 1996 | Mar. 19 | 7,110 | 17.86 |
| 1946 | Mar. 29 | 14,600 | 25.00 | 1972 | Dec. 21 | 7,310 | 16.14 | 1997 | Jan. 9 | 7,430 | 18.38 |
| 1947 | Mar. 9 | 12,800 | 23.66 | 1973 | Mar. 13 | 12,300 | 23.27 | 1998 | Mar. 9 | 39,200 | 34.58 |
| 1948 | Mar. 8 | 10,700 | 21.80 | 1974 | Jan. 3 | 10,200 | 20.80 | 1999 | Oct. 1 | 9,560 | 21.51 |
| 1949 | Nov. 29 | 8,840 | 18.90 | 1975 | Apr. 11 | 16,700 | 28.71 | 2000 | Feb. 14 | 2,350 | 8.70 |
| 1950 | Apr. 5 | 3,900 | 10.70 | 1976 | Jan. 28 | 5,490 | 14.26 | 2001 | Mar. 5 | 11,800 | 24.02 |
| 1951 | Mar. 29 | 5,400 | 12.60 | 1977 | Nov. 30 | 13,700 | 25.72 | 2002 | Apr. 10 | 2,330 | 8.67 |
| 1952 | Feb. 16 | 5,740 | 12.60 | 1978 | Jan. 27 | 25,300 | 31.26 | 2003 | Apr. 9 | 6,590 | 16.96 |
| 1953 | May 4 | 23,900 | 29.60 | | | | | | | | |

## 02362610 PEA RIVER NEAR MIDWAY

LOCATION.--Lat 32°03'02", long 85°34'14", in E$^1/_2$ sec. 6, T. 12 N., R. 25 E., Bullock County, Hydrologic Unit 03140202, 4.0 mi southwest of Midway at county road crossing and 4.0 mi above mouth.
DRAINAGE AREA.--18.7 mi$^2$.
GAGE.--Crest-stage gage. Datum not available.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1973 | Dec. 21 | 4,070 | 13.62 | 1977 | Mar. 24 | 3,450 | 12.98 | 1981 | Feb. 10 | 2,400 | 11.69 |
| 1974 | Jan. 20 | 2,470 | 11.78 | 1978 | Jan. 26 | 3,400 | 12.93 | 1982 | Aug. 30 | 3,120[E] | 12.61 |
| 1975 | Feb. 17 | 5,350 | 14.75 | 1979 | Apr. 4 | 3,710 | 13.26 | 1990 | Mar. 17 | 3,100 | 12.60 |
| 1976 | Mar. 15 | 2,560 | 11.92 | 1980 | Apr. 13 | 3,660 | 13.21 | 1994 | July 6 | 2,680 | 12.12 |

## 02363000 PEA RIVER NEAR ARITON

LOCATION.--Lat 31°35'41", long 85°46'59", in SW$^1/_4$ sec. 7, T. 7 N., R. 23 E., Dale County, Hydrologic Unit 03140202, on Highway 231, 3.5 mi west of Ariton and at mile 92.5.
DRAINAGE AREA.--498 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 246.72 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | Mar. -- | 50,000 [2,7] | 25.00 | 1960 | Apr. 4 | 22,000 | 20.42 | 1982 | Feb. 6 | 6,380 | 15.26 |
| 1939 | Mar. 1 | 13,000 | 18.36 | 1961 | Apr. 2 | 7,840 | 16.33 | 1983 | Mar. 29 | 5,850 [E] | 14.75 |
| 1940 | Feb. 20 | 7,290 | 16.26 | 1962 | Apr. 3 | 5,000 | 13.75 | 1984 | Mar. 8 | 3,700 [E] | 11.27 |
| 1941 | Mar. 12 | 1,190 | 5.46 | 1963 | Jan. 22 | 4,480 | 13.00 | 1985 | Feb. 7 | 2,070 [E] | 7.51 |
| 1942 | Feb. 20 | 4,540 | 13.92 | 1964 | Mar. 5 | 7,110 | 15.84 | 1986 | Mar. 14 | 10,700 [E] | 18.04 |
| 1943 | Mar. 22 | 19,100 | 19.98 | 1965 | Oct. 6 | 10,600 | 17.98 | 1987 | Mar. 31 | 3,620 | 11.10 |
| 1944 | Mar. 24 | 18,600 | 19.80 | 1966 | Mar. 5 | 10,900 | 18.14 | 1988 | Mar. 5 | 3,050 | 9.38 |
| 1945 | Apr. 29 | 1,730 | 7.43 | 1967 | Jan. 3 | 5,900 | 14.88 | 1989 | Mar. 26 | 2,780 | 8.80 |
| 1946 | May 22 | 9,160 | 17.57 | 1968 | Mar. 14 | 4,330 | 12.75 | 1990 | Mar. 17 | 47,700 | 24.87 |
| 1947 | Apr. 3 | 13,700 | 18.80 | 1969 | Apr. 21 | 3,540 | 11.27 | 1991 | Mar. 5 | 6,530 | 14.97 |
| 1948 | Mar. 7 | 7,170 | 16.10 | 1970 | June 5 | 7,130 | 15.86 | 1992 | Jan. 16 | 7,430 | 15.82 |
| 1949 | Nov. 29 | 13,700 | 18.80 | 1971 | Jan. 7 | 9,220 | 17.22 | 1993 | Nov. 28 | 7,110 | 15.55 |
| 1950 | Apr. 6 | 2,500 | 9.60 | 1972 | Mar. 4 | 10,400 | 17.91 | 1994 | July 8 | 17,100 | 19.53 |
| 1951 | Apr. 21 | 1,900 | 7.92 | 1973 | Apr. 2 | 17,000 | 19.57 | 1995 | Mar. 3 | 5,170 | 13.11 |
| 1952 | Mar. 26 | 11,600 | 18.32 | 1974 | Feb. 10 | 3,720 | 11.64 | 1996 | Oct. 7 | 9,420 | 17.05 |
| 1953 | Sept. 28 | 9,680 | 17.52 | 1975 | Feb. 18 | 44,000 | 24.38 | 1997 | Feb. 17 | 5,670 | 13.89 |
| 1954 | Dec. 7 | 9,030 | 17.12 | 1976 | Oct. 19 | 7,580 | 16.16 | 1998 | Mar. 10 | 20,900 | 20.43 |
| 1955 | Apr. 16 | 4,360 | 13.05 | 1977 | Mar. 25 | 4,440 | 12.74 | 1999 | Oct 1 | 5,880 | 14.67 |
| 1956 | Sept. 27 | 8,240 | 16.60 | 1978 | Jan. 27 | 18,000 | 19.88 | 2000 | Mar. 23 | 2,210 | 7.04 |
| 1957 | Dec. 25 | 9,190 | 17.20 | 1979 | Apr. 7 | 8,240 | 16.60 | 2001 | Mar. 5 | 17,800 | 19.70 |
| 1958 | Mar. 11 | 4,090 | 12.65 | 1980 | Mar. 31 | 7,550 | 16.14 | 2002 | Mar. 24 | 2,000 | 6.57 |
| 1959 | Mar. 29 | 7,190 | 15.94 | 1981 | Feb. 12 | 9,910 | 17.62 | 2003 | July 4 | 5,230 | 13.63 |

## 02363005 PEA RIVER TRIBUTARY NEAR ROETON

LOCATION.--Lat 31°35'45", long 85°48'36", in SE$^1/_4$ sec. 11 T. 7 N., R. 22 E., Coffee County, Hydrologic Unit 03140202, at culvert on county road, 1 mi west of U.S. Highway 231, 1.3 mi east of Roeton, and 2 mi upstream of mouth.
DRAINAGE AREA.—0.76 mi$^2$.
GAGE.-- Crest-stage gage. Datum not available.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1990 | Mar. 16 | 380 | 9.00 | 1995 | Mar. 8 | 160 | 6.55 | 1999 | May 7 | 137 | 6.23 |
| 1991 | -- | 195 | 7.00 | 1995 | Oct. 4 | 170 | 6.70 | 2000 | -- | 50[4] | -- |
| 1992 | July 17 | 197 | -- | 1997 | -- | 50[4] | -- | 2001 | Apr. 11 | 50 | -- |
| 1993 | Apr. 20 | 148 | 5.40 | 1998 | Mar. 8 | 250 | 7.69 | 2002 | -- | 50[4] | -- |
| 1994 | July 6 | 390 | 9.12 | | | | | | | | |

## 02364000 PEA RIVER AT ELBA

LOCATION.--Lat 31°24'48", long 86°03'47", in SE$^1/_4$ sec. 8, T. 5 N., R. 20 E., Coffee County, Hydrologic Unit 03140202, at bridge on U.S. Highway 84 at Elba.
DRAINAGE AREA.--959 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 159.24 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | Mar. -- | 68,000 [2,7] | 43.50 | 1955 | Apr. 14 | 16,200 | 23.60 | 1985 | Feb. 6 | 10,900 | 19.00 |
| 1936 | Jan. 21 | 24,300 | 29.55 | 1956 | Sept. 25 | 19,000 | 26.00 | 1986 | Mar. 15 | 15,600 | 23.15 |
| 1937 | Apr. 6 | 25,000 | 30.00 | 1957 | Apr. 5 | 16,500 | 24.10 | 1987 | Feb. 28 | 6,630 | 14.55 |
| 1938 | Mar. 17 | 34,500 | 35.00 | 1960 | Apr. 5 | 27,500 | 31.45 | 1988 | Mar. 4 | 10,700 | 18.85 |
| 1939 | Feb. 28 | 12,900 | 20.80 | 1966 | Mar. 5 | 15,500 | 23.20 | 1989 | June 17 | 10,200 | 18.30 |
| 1940 | Feb. 18 | 7,900 | 16.00 | 1970 | June 4 | 17,000 | 24.40 | 1990 | Mar. 17 | 58,000 | 43.28 |
| 1941 | Mar. 7 | 3,520 | 10.23 | 1971 | Mar. 27 | 18,500 | 25.65 | 1991 | Jan. 31 | 11,200 | 19.30 |
| 1942 | Apr. 10 | 7,350 | 15.40 | 1972 | Mar. 3 | 11,700 | 19.70 | 1992 | Jan. 14 | 8,950 | 17.10 |
| 1943 | Jan. 19 | 20,400 | 26.80 | 1973 | Mar. 12 | 20,700 | 27.00 | 1993 | Nov. 26 | 10,200 | 18.33 |
| 1944 | Mar. 24 | 19,000 | 25.80 | 1974 | Jan. 1 | 10,500 | 18.60 | 1994 | July 7 | 42,500 | 38.33 |
| 1945 | Apr. 29 | 5,270 | 12.80 | 1975 | Feb. 19 | 38,200 | 37.26 | 1995 | Feb. 2 | 13,600 | 21.40 |
| 1946 | May 21 | 14,600 | 22.30 | 1976 | May 15 | 11,900 | 19.90 | 1996 | Oct. 5 | 16,200 | 23.62 |
| 1947 | Apr. 3 | 11,800 | 19.80 | 1977 | Nov. 29 | 8,750 | 16.90 | 1997 | Feb. 15 | 8,760 | 16.91 |
| 1948 | Mar. 7 | 13,300 | 21.20 | 1978 | Jan. 26 | 22,900 | 28.60 | 1998 | Mar. 6 | 45,000 | 39.23 |
| 1949 | Nov. 30 | 13,200 | 21.10 | 1979 | Mar. 4 | 12,400 | 20.40 | 1999 | Mar. 14 | 12,600 | 20.51 |
| 1950 | Sept. 1 | 7,000 | 15.00 | 1980 | Mar. 13 | 11,100 | 19.15 | 2000 | Mar. 20 | 3,430 | 10.07 |
| 1951 | Mar. 29 | 5,720 | 13.40 | 1981 | Feb. 12 | 15,900 | 23.40 | 2001 | Mar. 4 | 15,100 | 22.70 |
| 1952 | Mar. 27 | 9,650 | 17.80 | 1982 | Feb. 4 | 8,420 | 16.55 | 2002 | Mar. 13 | 3,460 | 10.12 |
| 1953 | Dec. 4 | 17,500 | 24.60 | 1983 | May 20 | 13,500 | 21.35 | 2003 | Apr. 8 | 10,000 | 18.17 |
| 1954 | Jan. 1 | 4,550 | 11.79 | 1984 | Mar. 25 | 8,900 | 17.05 | | | | |

## 02364500 PEA RIVER NEAR SAMSON

LOCATION.--Lat 31°06'45", long 86°05'58", SW$^1/_4$ sec. 25, T. 2 N., R. 19 E., Geneva County, Hydrologic Unit 03140202, on State Highway 52, 3 mi west of Samson, 6.5 mi upstream from Flat Creek, and at mile 29.8.

DRAINAGE AREA.--1,182 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 97.95 ft NGVD 29. Prior to 1926, site at 1.5 mi upstream at different datum.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1905 | Feb. 16 | 12,800 | -- | 1940 | Feb. 19 | 9,120 | 22.75 | 1957 | Apr. 7 | 18,500 | 32.00 |
| 1906 | Dec. 25 | 9,500 | -- | 1941 | Dec. 28 | 3,900 | 13.55 | 1958 | Mar. 10 | 7,160 | 19.60 |
| 1907 | Sept. 29 | 6,890 | -- | 1942 | Apr. 11 | 7,460 | 20.24 | 1959 | Feb. 5 | 9,090 | 22.70 |
| 1908 | Mar. 28 | 14,100 | -- | 1943 | Jan. 21 | 19,200 | 33.22 | 1960 | Apr. 6 | 27,900 | 37.71 |
| 1909 | Mar. 24 | 8,150 | -- | 1944 | Mar. 26 | 19,500 | 33.40 | 1961 | Apr. 15 | 12,400 | 27.35 |
| 1910 | Mar. 3 | 8,550 | -- | 1945 | Apr. 30 | 5,920 | 17.40 | 1962 | Apr. 2 | 11,300 | 26.65 |
| 1911 | Jan. 4 | 5,150 | -- | 1946 | May 22 | 16,000 | 30.50 | 1963 | Jan. 22 | 9,170 | 22.82 |
| 1912 | Apr. 24 | 16,000 | -- | 1947 | Apr. 6 | 12,900 | 26.70 | 1964 | Mar. 5 | 10,700 | 25.00 |
| 1913 | Mar. 16 | 23,500 | -- | 1948 | Mar. 8 | 15,300 | 29.60 | 1965 | Dec. 30 | 9,750 | 23.64 |
| 1923 | Mar. 20 | 12,200 | -- | 1949 | Dec. 1 | 15,700 | 29.90 | 1966 | Mar. 6 | 14,500 | 29.52 |
| 1924 | Jan. 25 | 9,100 | -- | 1950 | Sept. 2 | 7,100 | 19.50 | 1967 | Jan. 3 | 10,900 | 25.91 |
| 1925 | Jan. 20 | 42,000 | 42.00 | 1951 | Mar. 30 | 7,100 | 19.50 | 1968 | Mar. 13 | 6,860 | 19.77 |
| 1929 | Mar. 15 | 58,000 [7] | 45.30 | 1952 | Mar. 28 | 10,600 | 24.70 | 1969 | May 19 | 7,740 | 20.57 |
| 1936 | Jan. 22 | 27,800 | 37.20 | 1953 | Sept. 28 | 14,700 | 29.10 | 1970 | June 5 | 15,700 | 30.72 |
| 1937 | Apr. 7 | 23,400 | 35.86 | 1954 | Dec. 5 | 18,100 | 31.73 | 1975 | Feb. 21 | 30,800 | 38.06 |
| 1938 | Mar. 18 | 23,300 | 35.83 | 1955 | Apr. 15 | 14,700 | 29.10 | | | | |
| 1939 | Mar. 2 | 14,200 | 28.80 | 1956 | Sept. 27 | 12,700 | 27.25 | | | | |

## 02365310 GRANTS BRANCH TRIBUTARY NEAR FADETTE

LOCATION.--Lat 31°02'21", long 85°35'11", between sec. 19, T. 1 N., R. 25 E., and sec. 24, T. 1 N., R. 24 E., Geneva County, Hydrologic Unit 03140203, at culvert on County Road 91, 4.8 mi south of Slocomb.

DRAINAGE AREA.--1.44 mi$^2$.

GAGE.--Rainfall-runoff station. Datum of gage is 192 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1972 | May 8 | 392 | 6.29 | 1976 | July 3 | 202 | 4.34 | 1979 | Mar. 4 | 435 | 6.68 |
| 1973 | Sept. 10 | 1,360 | 9.80 | 1977 | Nov. 28 | 336 | 5.76 | 1980 | Apr. 25 | 374 | 6.13 |
| 1974 | Dec. 26 | 333 | 5.73 | 1978 | Jan. 25 | 496 | 7.15 | 1981 | Feb. 10 | 95.4 | 2.99 |
| 1975 | Apr. 10 | 494 | 7.32 | | | | | | | | |

## 02367500 LIGHTWOOD KNOT CREEK AT BABBIE

LOCATION.--Lat 31°16'14", long 86°18'49", in SE$^1/_4$ sec. 35, T. 4 N., R. 17 E., Covington County, Hydrologic Unit 03140103, on U.S. Highway 84, 1 mi east of Babbie, 2 mi upstream from mouth, and 3.5 mi west of Opp.

DRAINAGE AREA.--114 mi$^2$.

GAGE.--Wire-weight gage prior to 1947. Water-stage recorder 1947-53. Crest-stage gage 1954-72. Datum of gage is 185 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1944 | Sept. 11 | 12,500 | 11.86 | 1956 | Sept. 25 | 4,200 | 8.20 | 1966 | Mar. 1 | 3,300 | 7.64 |
| 1945 | Apr. 29 | 1,900 | 6.57 | 1957 | Apr. 6 | 9,600 | 10.80 | 1967 | Jan. 3 | 3,540 | 7.77 |
| 1946 | May 20 | 4,950 | 8.60 | 1958 | Nov. 14 | 1,400 | 6.20 | 1968 | Nov. 3 | 2,400 | 6.98 |
| 1947 | Apr. 16 | 3,220 | 7.52 | 1959 | June 3 | 3,000 | 7.40 | 1969 | May 19 | 1,570 | 6.33 |
| 1948 | Apr. 1 | 3,440 | 7.58 | 1960 | Apr. 4 | 3,700 | 7.90 | 1970 | June 3 | 11,000 | 11.31 |
| 1949 | Jan. 6 | 3,200 | 7.48 | 1961 | Apr. 2 | 4,500 | 8.37 | 1971 | Mar. 26 | 2,950 | 7.37 |
| 1950 | Apr. 5 | 2,150 | 6.80 | 1962 | Apr. 1 | 5,650 | 8.99 | 1972 | May 9 | 2,070 | 6.70 |
| 1951 | Apr. 20 | 2,530 | 7.10 | 1963 | July 27 | 3,200 | 7.47 | 1975 | Apr. 13 | 21,600 | 14.70 |
| 1952 | Mar. 24 | 3,000 | 7.42 | 1964 | Mar. 4 | 3,550 | 7.79 | 1990 | Mar. 17 | 25,000 [7] | 15.73 |
| 1954 | Nov. 24 | 1,700 | 6.40 | 1965 | Oct. 5 | 1,930 | 6.61 | 1998 | Mar. 8 | 37,900 [7] | 19.54 |
| 1955 | Apr. 13 | 8,000 | 10.10 | | | | | | | | |

## 02367800 YELLOW RIVER NEAR WING

LOCATION.--Lat 31°00'36", long 86°32'14", NE$^1/_4$ sec. 34. T. 1 N., R. 15 E., Covington County, Hydrologic Unit 03140103, on county road 4, 1 mi north of Alabama-Florida State line, and 4.8 mi east of Wing.

DRAINAGE AREA.--461 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 96.13 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1959 | Feb. 6 | 3,490 | 11.10 | 1963 | Jan. 22 | 6,510 | 13.87 | 1967 | Jan. 4 | 4,530 | 12.15 |
| 1960 | Apr. 5 | 14,400 | 17.50 | 1964 | Apr. 29 | 7,200 | 14.35 | 1969 | Sept. 23 | 5,010 | 12.62 |
| 1961 | Apr. 16 | 7,660 | 14.65 | 1965 | Feb. 19 | 3,860 | 11.42 | 1970 | June 4 | 39,600 | 21.10 |
| 1962 | Apr. 2 | 11,200 | 16.38 | 1966 | Mar. 2 | 6,670 | 13.99 | 1990 | Mar. 17 | 46,000 [7] | 25.83 |

## 02369800 BLACKWATER RIVER NEAR BRADLEY

LOCATION.--Lat 31°01'39", long 86°42'36", in SW$^1/_4$ sec. 24, T. 1 N., R. 13 E., Escambia County, Hydrologic Unit 03140104, in Conecuh National Forest, on county road, and 1 mi east of Bradley.
DRAINAGE AREA.--87.7 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 121.87 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1968 | Dec. 11 | 358 | 4.84 | 1980 | Mar. 30 | 2,760 | 14.52 | 1992 | Jan. 14 | 1,440 | 10.98 |
| 1969 | Sept. 21 | 2,500 | 14.10 | 1981 | Feb. 11 | 2,220 | 13.31 | 1993 | Nov. 25 | 2,490 | 14.10 |
| 1970 | June 4 | 15,000 | 24.20 | 1982 | Feb. 3 | 2,040 | 12.79 | 1994 | July 7 | 5,850 | 17.83 |
| 1971 | Aug. 1 | 786 | 7.78 | 1983 | Feb. 2 | 1,720 | 11.72 | 1995 | Feb. 11 | 4,200 | 16.44 |
| 1972 | May 9 | 1,230 | 9.84 | 1984 | Mar. 6 | 2,010 | 12.69 | 1996 | Oct. 5 | 9,560 | 19.98 |
| 1973 | Dec. 21 | 4,760 | 17.10 | 1985 | Feb. 6 | 2,890 | 14.78 | 1997 | Feb. 15 | 989 | 8.80 |
| 1974 | Sept. 9 | 1,980 | 12.56 | 1986 | Mar. 14 | 2,310 | 13.54 | 1998 | Mar. 8 | 17,500 | 25.30 |
| 1975 | July 31 | 8,700 | 20.37 | 1987 | Aug. 14 | 1,850 | 12.44 | 1999 | July 13 | 601 | 5.90 |
| 1976 | Nov. 13 | 2,280 | 13.45 | 1988 | Sept. 17 | 4,670 | 16.88 | 2000 | Jan. 10 | 280 | 3.35 |
| 1977 | Mar. 31 | 1,760 | 11.86 | 1989 | June 16 | 4,190 | 16.43 | 2001 | Mar. 4 | 1,530 | 11.27 |
| 1978 | Jan. 25 | 5,200 | 17.33 | 1990 | Mar. 17 | 17,700 | 25.35 | 2002 | Sept. 26 | 1,010 | 8.61 |
| 1979 | Mar. 4 | 2,380 | 13.70 | 1991 | Jan. 31 | 2,120 | 13.23 | 2003 | Aug. 7 | 2,460 | 13.91 |

## 02371000 CONECUH RIVER NEAR TROY

LOCATION.--Lat 31°50'40", long 85°59'41", in NE$^1/_4$ sec. 13, T. 10 N., R. 20 E., Pike County, Hydrologic Unit 03140301, on U.S. Highway 231, 1.5 mi downstream from Mannings Creek, and 3 mi north of Troy.
DRAINAGE AREA.--257 mi$^2$.
GAGE.--Water-stage recorder 1943-53. Crest-stage gage 1954-68. Datum of gage is 313.3 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1944 | Mar. 23 | 16,500 | 15.58 | 1953 | May 6 | 24,000 | 15.96 | 1962 | Apr. 3 | 4,710 | 11.98 |
| 1945 | Feb. 25 | 1,260 | 9.06 | 1954 | Dec. 7 | 7,820 | 13.50 | 1963 | Jan. 23 | 3,430 | 11.20 |
| 1946 | May 21 | 6,900 | 13.05 | 1955 | Apr. 13 | 4,750 | 12.00 | 1964 | Apr. 27 | 4,480 | 11.85 |
| 1947 | Apr. 2 | 9,000 | 14.00 | 1956 | Mar. 18 | 3,430 | 11.20 | 1965 | Dec. 28 | 4,200 | 11.69 |
| 1948 | Mar. 7 | 4,950 | 12.20 | 1957 | Apr. 5 | 8,070 | 13.60 | 1966 | Mar. 4 | 4,370 | 11.79 |
| 1949 | Nov. 28 | 23,000 | 16.10 | 1958 | Nov. 24 | 2,760 | 10.70 | 1967 | Aug. 27 | 1,860 | 9.92 |
| 1950 | Apr. 6 | 2,500 | 10.50 | 1959 | Mar. 29 | 5,120 | 12.20 | 1968 | Dec. 11 | 1,290 | 9.29 |
| 1951 | Mar. 21 | 730 | 8.30 | 1960 | Apr. 4 | 8,580 | 13.80 | 1990 | Mar. 17 | 36,000 [7] | 19.41 |
| 1952 | Mar. 25 | 9,660 | 14.20 | 1961 | Aug. 31 | 10,800 | 14.58 | 1994 | July 8 | 15,000 | 15.58 |

## 02371200 INDIAN CREEK NEAR TROY

LOCATION.--Lat 31°48'50", long 86°07'15", in NE$^1/_4$ sec. 26, T. 10 N., R. 19 E., Pike County, Hydrologic Unit 03140301, on U.S. Highway 29, 3.5 mi upstream from mouth, and 9 mi west of Troy.

DRAINAGE AREA.--8.87 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 354 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1959 | Mar. 27 | 460 | 5.42 | 1969 | Apr. 18 | 420 | 5.29 | 1979 | Apr. 4 | 1,435 | 6.65 |
| 1960 | Mar. 29 | 170 | 4.48 | 1970 | June 3 | 1,740 | 6.91 | 1980 | Apr. 13 | 832 | 6.14 |
| 1961 | Aug. 31 | 3,500 | 7.60 | 1971 | Mar. 25 | 1,340 | 6.64 | 1981 | Feb. 10 | 752 | 6.04 |
| 1962 | Mar. 31 | 535 | 5.57 | 1972 | Mar. 1 | 684 | 5.94 | 1982 | Feb. 3 | 562 | 5.77 |
| 1963 | Jan. 20 | 177 | 4.51 | 1973 | Dec. 31 | 752 | 6.04 | 1983 | Mar. 27 | 530 | 5.74 |
| 1964 | Apr. 27 | 323 | 5.01 | 1974 | Apr. 4 | 629 | 5.87 | 1984 | Mar. 5 | 530 | 5.74 |
| 1965 | Sept. 30 | 285 | 4.89 | 1975 | Feb. 17 | 3,950 | 7.75 | 1985 | Dec. 5 | 340 | 5.37 |
| 1966 | Mar. 4 | 342 | 5.14 | 1976 | May 14 | 526 | 5.71 | 1986 | Mar. 14 | 545 | 5.77 |
| 1967 | May 22 | 300 | 5.00 | 1977 | Mar. 4 | 425 | 5.52 | 1990 | Mar. 17 | 2,320 | 7.19 |
| 1968 | Dec. 11 | 129 | 4.26 | 1978 | Jan. 25 | 1,165 | 6.45 | 1994 | July 6 | 365 | 5.43 |

## 02371500 CONECUH RIVER AT BRANTLEY

LOCATION.--Lat 31°34'24", long 86°15'06", in SE$^1/_4$ sec. 16, T. 7 N., R. 18 E., Crenshaw County, Hydrologic Unit 03140301, on U.S. Highway 331 and State Highway 52, 0.8 mi southeast of Brantley, and at mile 112.3.

DRAINAGE AREA.--500 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 226.2 ft NGVD 29.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (feet) | Water year | Date | Discharge ($ft^3/s$) | Gage height (feet) | Water year | Date | Discharge ($ft^3/s$) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | Mar. -- | 25,000 [7] | 26.00 [5] | 1960 | Apr. 4 | 14,400 | 22.30 | 1983 | Mar. 30 | 6,220 | 17.24 |
| 1938 | Mar. 16 | 15,400 | 22.75 | 1961 | Sept. 2 | 14,000 | 22.11 | 1984 | Mar. 7 | 2,820 | 13.25 |
| 1939 | Aug. 19 | 15,600 | 22.87 | 1962 | Apr. 3 | 5,460 | 16.80 | 1985 | Mar. 2 | 2,810 [E] | 13.23 |
| 1940 | July 2 | 6,500 | 17.49 | 1963 | Jan. 24 | 4,420 | 15.82 | 1986 | Mar. 17 | 8,250 | 18.86 |
| 1941 | Mar. 13 | 1,430 | 9.81 | 1964 | May 5 | 5,280 | 16.64 | 1987 | Mar. 5 | 2,950 [E] | 13.53 |
| 1942 | Dec. 27 | 5,700 | 17.00 | 1965 | Dec. 29 | 6,630 | 17.74 | 1988 | Jan. 23 | 4,760 [E] | 15.76 |
| 1943 | Mar. 23 | 15,600 | 22.87 | 1966 | Mar. 4 | 8,280 | 18.89 | 1989 | June 19 | 7,090 | 18.49 |
| 1944 | Mar. 25 | 15,000 | 22.57 | 1967 | Jan. 6 | 2,990 | 14.01 | 1990 | Mar. 18 | 20,500 [7] | 24.44 |
| 1945 | Apr. 30 | 1,970 | 11.90 | 1968 | Dec. 11 | 1,560 | 10.22 | 1991 | Mar. 6 | 4,900 | 16.22 |
| 1946 | May 22 | 9,920 | 19.87 | 1969 | Mar. 29 | 2,250 | 12.68 | 1992 | Jan. 17 | 5,150 | 16.55 |
| 1947 | Apr. 4 | 10,800 | 20.43 | 1970 | June 6 | 9,010 | 19.35 | 1993 | Nov. 28 | 11,400 | 20.58 |
| 1948 | Mar. 7 | 7,850 | 18.60 | 1971 | Jan. 7 | 11,300 | 20.69 | 1994 | July 9 | 17,000 | 22.37 |
| 1949 | Nov. 29 | 15,800 | 23.00 | 1972 | Mar. 4 | 11,200 | 20.65 | 1995 | Mar. 11 | 4,860 | 16.16 |
| 1950 | Apr. 8 | 3,330 | 14.50 | 1973 | Apr. 2 | 15,500 | 22.84 | 1996 | Oct. 8 | 6,630 | 18.11 |
| 1951 | Apr. 20 | 1,810 | 11.39 | 1974 | Apr. 8 | 4,380 | 15.78 | 1997 | May 1 | 4,430 | 15.56 |
| 1952 | Mar. 26 | 11,300 | 20.70 | 1975 | Feb. 19 | 21,000 | 24.51 | 1998 | Mar. 10 | 17,000 | 22.62 |
| 1953 | May 7 | 15,000 | 22.59 | 1976 | May 18 | 5,880 | 17.15 | 1999 | July 1 | 6,980 | 18.4 |
| 1954 | Dec. 7 | 9,250 | 19.52 | 1977 | Mar. 25 | 3,990 | 15.34 | 2000 | Mar. 25 | 1,660 | 9.41 |
| 1955 | Apr. 18 | 4,030 | 15.41 | 1978 | Jan. 27 | 15,200 | 22.72 | 2001 | Mar. 6 | 16,900 | 22.59 |
| 1956 | Mar. 19 | 3,940 | 15.29 | 1979 | Apr. 6 | 10,000 | 19.96 | 2002 | Mar. 26 | 2,100 | 10.49 |
| 1957 | Apr. 8 | 8,610 | 19.10 | 1980 | Apr. 16 | 8,270 | 18.87 | 2003 | June 22 | 4,900 | 16.21 |
| 1958 | Mar. 12 | 4,600 | 16.00 | 1981 | Feb. 11 | 5,970 | 17.03 | | | | |
| 1959 | Mar. 30 | 6,450 | 17.60 | 1982 | Feb. 6 | 7,550 | 18.35 | | | | |

## 02372000 PATSALIGA CREEK AT LUVERNE

LOCATION.--Lat 31°43'27", long 86°16'42", in SW$^1/_4$ sec. 29, T. 9 N., R. 18 E., Crenshaw County, Hydrologic Unit 03140302, on U.S. Highway 331, 1 mi northwest of Luverne, and 3 downstream from Pond Creek.
DRAINAGE AREA.--254 mi$^2$.
GAGE.--Water-stage recorder 1944-58. Crest-stage gage 1959-70. Datum of gage is 267.53 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1944 | Mar. 24 | 13,100 | 15.55 | 1954 | Dec. 6 | 7,280 | 14.20 | 1963 | Jan. 23 | 4,920 | 13.29 |
| 1945 | Feb. 16 | 1,400 | 10.43 | 1955 | Apr. 16 | 3,340 | 12.40 | 1964 | Apr. 28 | 14,500 | 16.16 |
| 1946 | Jan. 7 | 7,550 | 13.71 | 1956 | Mar. 14 | 2,240 | 11.40 | 1965 | Dec. 28 | 6,170 | 13.81 |
| 1947 | Apr. 3 | 5,560 | 12.90 | 1957 | Apr. 6 | 10,200 | 15.00 | 1966 | Mar. 4 | 7,830 | 14.37 |
| 1948 | Mar. 7 | 6,800 | 13.40 | 1958 | Mar. 9 | 5,160 | 13.40 | 1967 | Jan. 3 | 2,950 | 12.09 |
| 1949 | Nov. 28 | 16,700 | 16.80 | 1959 | Mar. 29 | 8,630 | 14.60 | 1968 | Mar. 15 | 2,060 | 11.15 |
| 1950 | Apr. 6 | 6,550 | 13.30 | 1960 | Apr. 4 | 15,500 | 16.40 | 1969 | Mar. 25 | 3,520 | 12.51 |
| 1951 | Feb. 4 | 1,690 | 10.60 | 1961 | Feb. 26 | 10,300 | 15.07 | 1970 | June 4 | 20,800 | 17.45 |
| 1952 | Mar. 25 | 7,310 | 14.05 | 1962 | Apr. 1 | 6,110 | 13.79 | 1990 | Mar. 17 | 37,000 [7] | 20.29 |
| 1953 | Apr. 12 | 4,340 | 13.00 | | | | | | | | |

## 02372250 PATSALIGA CREEK NEAR BRANTLEY

LOCATION.--Lat 31°35'46", long 86°24'20", in NE$^1/_4$ sec. 12, T. 7 N., R. 16 E., Crenshaw County, Hydrologic Unit 03140302, on State Highway 106, 3.0 mi north of Leon, and 10.9 mi northwest of Brantley.
DRAINAGE AREA.--442 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 220 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1975 | Feb. 19 | 15,200 | 22.21 | 1985 | Mar. 2 | 3,520 [E] | 17.46 | 1995 | Mar. 11 | 4,320 | 18.54 |
| 1976 | May 16 | 9,460 | 20.73 | 1986 | Mar. 16 | 9,690 | 20.76 | 1996 | Oct. 8 | 7,620 | 20.36 |
| 1977 | Apr. 1 | 5,040 | 19.29 | 1987 | Mar. 4 | 2,870 [E] | 16.25 | 1997 | May 1 | 5,970 | 19.73 |
| 1978 | Jan. 27 | 15,400 | 22.05 | 1988 | Mar. 5 | 2,550 [E] | 15.51 | 1998 | Sept. 30 | 25,400 | 23.66 |
| 1979 | Apr. 6 | 12,800 | 21.46 | 1989 | June 19 | 9,110 | 20.79 | 1999 | July 1 | 5,760 | 19.65 |
| 1980 | Apr. 16 | 10,300 | 20.90 | 1990 | Mar. 17 | 43,600 | 25.67 | 2000 | Mar. 22 | 1,090 | 10.71 |
| 1981 | Feb. 12 | 3,840 | 17.93 | 1991 | Mar. 5 | 6,700 | 20.00 | 2001 | Mar. 5 | 20,600 | 22.94 |
| 1982 | Feb. 5 | 9,980 | 20.82 | 1992 | Feb. 19 | 3,530 | 17.45 | 2002 | Mar. 22 | 2,320 | 15.07 |
| 1983 | Mar. 8 | 6,080 | 19.79 | 1993 | Nov. 27 | 14,200 | 21.83 | 2003 | Apr. 11 | 4,310 | 18.38 |
| 1984 | Mar. 7 | 2,670 | 15.80 | 1994 | July 10 | 4,870 | 19.13 | | | | |

## 02372500 CONECUH RIVER NEAR ANDALUSIA

LOCATION.--Lat 31°15'19", long 86°36'01", in NE$^1/_4$ sec. 1, T. 3 N., R. 14 E., Covington County, Hydrologic Unit 03140301, on county road, 0.5 mi upstream from Simmons Mill Creek, and 7.5 mi southwest of Andalusia.

DRAINAGE AREA.--1,344 mi$^2$.

GAGE.--Water-stage recorder 1905-19, 1930-52, 1966-70. Crest-stage gage 1953-65. Datum of gage is 106.77 ft NGVD 29.

REMARKS.--Figures represent total period of record and reflect effects of regulation by Gantt and Point A Reservoirs and by hydroelectric plants.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1905 | Feb. 18 | 13,100 | 24.10 | 1935 | Mar. 11 | 14,500 | 27.77 | 1956 | Mar. 18 | 8,700 | 20.40 |
| 1906 | Sept. 29 | 8,050 | 16.60 | 1936 | Jan. 20 | 26,400 | 34.65 | 1957 | Apr. 7 | 14,400 | 29.00 |
| 1907 | Oct. 4 | 7,500 | 17.90 | 1937 | Apr. 9 | 29,600 | 36.17 | 1958 | Mar. 8 | 7,500 | 18.20 |
| 1908 | Mar. 28 | 19,500 | 32.10 | 1938 | Mar. 17 | 33,300 | 37.30 | 1959 | Mar. 30 | 12,600 | 26.70 |
| 1909 | June 6 | 13,000 | 25.50 | 1939 | Aug. 20 | 36,200 | 38.50 | 1960 | Apr. 5 | 23,000 | 33.80 |
| 1910 | Apr. 21 | 6,650 | 16.50 | 1940 | Feb. 19 | 12,500 | 26.40 | 1961 | Feb. 23 | 20,100 | 32.45 |
| 1911 | Apr. 2 | 5,500 | 14.40 | 1941 | Mar. 10 | 5,340 | 14.34 | 1962 | Apr. 4 | 10,800 | 24.51 |
| 1912 | Apr. 22 | 17,500 | 31.60 | 1942 | Dec. 30 | 9,710 | 22.46 | 1963 | Jan. 22 | 9,270 | 21.54 |
| 1913 | Mar. 18 | 53,500 | 41.40 | 1943 | Mar. 24 | 32,300 | 37.40 | 1964 | May 6 | 11,100 | 25.02 |
| 1914 | Feb. 10 | 2,970 | 7.70 | 1944 | Mar. 24 | 31,200 | 36.80 | 1965 | Feb. 22 | 10,300 | 23.53 |
| 1915 | Jan. 25 | 7,380 | 15.50 | 1945 | Apr. 29 | 9,060 | 21.40 | 1966 | Mar. 6 | 19,800 | 32.32 |
| 1916 | July 8 | 16,800 | 30.70 | 1946 | May 22 | 18,100 | 31.20 | 1967 | Jan. 2 | 10,400 | 23.71 |
| 1917 | Mar. 9 | 10,000 | 22.80 | 1947 | Apr. 6 | 16,800 | 30.50 | 1968 | Dec. 13 | 4,580 | 12.33 |
| 1918 | Oct. 3 | 15,000 | 29.50 | 1948 | Mar. 8 | 22,100 | 33.40 | 1969 | Sept. 23 | 5,510 | 14.22 |
| 1919 | Dec. 26 | 20,500 | 34.60 | 1949 | Nov. 30 | 35,400 | 37.50 | 1970 | June 4 | 26,500 | 35.04 |
| 1929 | Mar. 15 | 92,000 | 47.60 | 1950 | Apr. 9 | 10,300 | 23.60 | 1975 | Apr. 11 | 32,000 | 36.70 |
| 1930 | Nov. 20 | 10,500 | 23.92 | 1951 | Apr. 21 | 7,300 | 17.80 | | | | |
| 1931 | Nov. 20 | 13,600 | 26.90 | 1952 | Mar. 29 | 16,900 | 30.70 | | | | |
| 1932 | Jan. 6 | 7,200 | 17.42 | 1953 | May 9 | 18,900 | 31.80 | | | | |
| 1933 | Mar. 24 | 16,500 | 30.43 | 1954 | Dec. 8 | 19,000 | 31.90 | | | | |
| 1934 | Mar. 9 | 11,800 | 24.68 | 1955 | Apr. 18 | 18,000 | 31.30 | | | | |

## 02372800 STALLINGS CREEK NEAR GREENVILLE

LOCATION.--Lat 31°46'36", long 86°38'45", in SW$^1/_4$ sec. 3, T. 9 N., R. 14 E., Butler County, Hydrologic Unit 03140303, at bridge on U.S. Highway 31, 4 mi south of Greenville.
DRAINAGE AREA.--37.8 mi$^2$.
GAGE.--Crest-stage gage. Datum not available.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1973 | Mar. 31 | 5,240 | 11.16 | 1977 | Mar. 30 | 2,380 | 9.31 | 1981 | Feb. 10 | 1,750 | 8.62 |
| 1974 | Jan. 20 | 1,470 | 8.20 | 1978 | Jan. 26 | 2,880 | 9.72 | 1982 | Feb. 4 | 4,460 [E] | 10.73 |
| 1975 | Apr. 15 | 4,050 | 10.49 | 1979 | Mar. 4 | 4,230 | 10.60 | 1990 | Mar. 17 | 5,700 | 11.46 |
| 1976 | Mar. 28 | 3,190 | 9.94 | 1980 | -- | 557[4] | 6.09 | | | | |

## 02373000 SEPULGA RIVER NEAR MCKENZIE

LOCATION.--Lat 31°27'13", long 86°47'13", in SE$^1/_4$ sec. 30, T. 6 N., R. 13 E., Conecuh County, Hydrologic Unit 03140303, on U.S. Highway 31, 2.5 mi upstream from Piney Woods Creek, 5.5 mi downstream from Persimmon Creek, and 7 mi southwest of McKenzie.
DRAINAGE AREA.--470 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 155.96 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | Mar. -- | 60,000 [2,7] | 33.00 | 1958 | Mar. 10 | 3,250 | 8.23 | 1983 | Apr. 10 | 9,990 | 16.33 |
| 1938 | Mar. 17 | 23,000 | 24.50 | 1959 | Feb. 7 | 3,760 | 8.77 | 1984 | May 3 | 5,940 | 11.12 |
| 1939 | Aug. 18 | 13,400 | 19.48 | 1960 | Apr. 1 | 15,200 | 20.94 | 1985 | Feb. 7 | 5,020 | 9.90 |
| 1940 | Feb. 20 | 9,000 | 16.00 | 1961 | Feb. 26 | 23,300 | 24.70 | 1986 | Mar. 16 | 5,260 | 10.22 |
| 1941 | Mar. 9 | 4,210 | 9.43 | 1962 | Apr. 2 | 10,600 | 17.18 | 1987 | Mar. 2 | 3,860 | 8.55 |
| 1942 | Dec. 26 | 7,100 | 13.46 | 1963 | Jan. 23 | 5,750 | 11.60 | 1988 | Mar. 6 | 4,780 | 9.67 |
| 1943 | Mar. 23 | 17,500 | 21.82 | 1964 | Apr. 29 | 22,200 | 24.32 | 1989 | Apr. 12 | 6,930 | 12.44 |
| 1944 | Mar. 31 | 18,000 | 22.33 | 1965 | Jan. 25 | 16,100 | 21.45 | 1990 | Mar. 18 | 29,100 | 26.28 |
| 1945 | May 1 | 3,040 | 8.11 | 1966 | Mar. 5 | 10,100 | 16.67 | 1991 | Mar. 5 | 7,010 | 12.55 |
| 1946 | Jan. 8 | 17,500 | 21.91 | 1967 | Sept. 14 | 8,700 | 15.22 | 1992 | Feb. 19 | 5,900 | 11.08 |
| 1947 | Apr. 4 | 9,470 | 16.54 | 1968 | Nov. 2 | 2,800 | 7.55 | 1993 | Dec. 19 | 11,500 | 18.15 |
| 1948 | Mar. 8 | 13,300 | 19.20 | 1969 | Mar. 26 | 4,660 | 10.05 | 1994 | July 10 | 12,000 | 18.62 |
| 1949 | Nov. 28 | 21,200 | 23.60 | 1970 | June 5 | 14,500 | 20.40 | 1995 | Mar. 10 | 6,580 | 11.97 |
| 1950 | July 30 | 2,950 | 7.70 | 1975 | Feb. 19 | 18,500 | 22.80 | 1996 | Mar. 30 | 8,500 | 14.51 |
| 1951 | Apr. 21 | 6,920 | 12.90 | 1976 | Jan. 2 | 11,600 | 17.96 | 1997 | May 30 | 6,210 | 11.48 |
| 1952 | Mar. 25 | 5,880 | 11.60 | 1977 | Mar. 15 | 6,741 | 12.53 | 1998 | Mar. 10 | 21,200 | 24.00 |
| 1953 | May 5 | 3,370 | 8.29 | 1978 | Jan. 27 | 16,300 | 21.62 | 1999 | Oct. 1 | 32,800 | 27.19 |
| 1954 | Dec. 8 | 7,940 | 14.06 | 1979 | Mar. 6 | 14,400 | 20.34 | 2000 | Mar. 21 | 1,590 | 6.11 |
| 1955 | Apr. 16 | 9,550 | 15.86 | 1980 | Apr. 15 | 12,000 | 18.68 | 2001 | Mar. 5 | 2,700 | 25.7 |
| 1956 | Sept. 25 | 5,320 | 10.89 | 1981 | Feb. 13 | 8,280 | 13.14 | 2002 | Feb. 23 | 6,670 | 12.09 |
| 1957 | Apr. 7 | 14,000 | 19.80 | 1982 | Feb. 5 | 11,200 | 17.77 | 2003 | July 3 | 9,440 | 15.69 |

## 02373500 PIGEON CREEK NEAR THAD

LOCATION.--Lat 31°28'36", long 86°39'30", in NE$^1/_4$ sec. 21, T. 6 N., R. 14 E., Covington County, Hydrologic Unit 03140303, downstream from State Highway 55, 2 mi southeast of Thad, 5.5 mi southeast of McKenzie.
DRAINAGE AREA.--307 mi$^2$.
GAGE.--Water-stage recorder 1938-70. Datum of gage is 172.58 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | Mar. -- | 24,000 [2,7] | 30.00 | 1949 | Nov. 29 | 17,100 | 27.10 | 1961 | Feb. 27 | 17,700 | 27.27 |
| 1938 | Mar. 18 | 14,400 | 26.06 | 1950 | July 29 | 1,110 | 10.13 | 1962 | Apr. 3 | 3,970 | 18.10 |
| 1939 | Aug. 18 | 12,600 | 25.31 | 1951 | Apr. 20 | 2,520 | 14.90 | 1963 | Jan. 23 | 3,720 | 17.69 |
| 1940 | Feb. 18 | 3,740 | 17.56 | 1952 | Mar. 25 | 3,320 | 16.60 | 1964 | Apr. 29 | 19,000 | 27.85 |
| 1941 | Dec. 20 | 2,180 | 14.62 | 1953 | May 4 | 2,430 | 14.68 | 1965 | Jan. 25 | 8,500 | 23.10 |
| 1942 | Dec. 27 | 5,730 | 20.61 | 1954 | Dec. 7 | 5,860 | 20.61 | 1966 | Mar. 4 | 7,120 | 21.68 |
| 1943 | Mar. 23 | 13,400 | 25.20 | 1955 | Apr. 14 | 3,500 | 17.34 | 1967 | Sept. 13 | 8,100 | 22.87 |
| 1944 | Apr. 28 | 12,800 | 24.98 | 1956 | Mar. 17 | 1,830 | 13.07 | 1968 | Mar. 16 | 1,740 | 12.66 |
| 1945 | Apr. 28 | 1,570 | 12.67 | 1957 | Apr. 7 | 5,930 | 20.70 | 1969 | Sept. 22 | 2,190 | 14.30 |
| 1946 | Jan. 8 | 12,600 | 25.06 | 1958 | Mar. 19 | 1,700 [1] | -- | 1970 | June 6 | 7,200 | 22.19 |
| 1947 | Apr. 5 | 4,220 | 18.46 | 1959 | Mar. 30 | 3,670 | 17.60 | 1990 | Mar. 17 | 28,500 | 31.10 |
| 1948 | Mar. 7 | 7,540 | 22.20 | 1960 | Apr. 1 | 9,680 | 24.33 | | | | |

## 02374000 CONECUH RIVER NEAR BROOKLYN

LOCATION.--Lat 31°09'49", long 86°48'00", in SW$^1/_4$ sec. 6, T. 2 N., R. 13 E., Escambia County, Hydrologic Unit 03140304, on U.S. Highway 29, 3 mi downstream from Sepulga River, and 7 mi southwest of Brooklyn.
DRAINAGE AREA.--2,495 mi$^2$.
GAGE.--Water-stage recorder 1936-57. Datum of gage is 76.95 ft NGVD 29.
REMARKS.--Figures represent total period of record and reflect effects of regulation by Gantt and Point A Reservoirs and by hydroelectric plants.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | Mar. 15 | 142,000 [2,7] | 47.00 | 1943 | Mar. 25 | 59,100 | 37.85 | 1951 | Apr. 23 | 16,800 | 23.70 |
| 1936 | Jan. 22 | 39,000 | 34.40 | 1944 | Mar. 27 | 53,300 | 37.10 | 1952 | Mar. 29 | 21,900 | 27.20 |
| 1937 | Apr. 9 | 50,100 | 36.65 | 1945 | Apr. 30 | 14,300 | 21.83 | 1953 | May 10 | 21,300 | 26.80 |
| 1938 | Mar. 20 | 60,700 | 38.03 | 1946 | May 25 | 29,900 | 31.37 | 1954 | Dec. 10 | 28,300 | 30.68 |
| 1939 | Aug. 21 | 59,100 | 37.85 | 1947 | Apr. 7 | 30,500 | 30.10 | 1955 | Apr. 15 | 27,600 | 30.36 |
| 1940 | Feb. 22 | 23,000 | 27.99 | 1948 | Mar. 10 | 38,000 | 33.80 | 1956 | Mar. 19 | 13,500 | 21.17 |
| 1941 | Dec. 17 | 10,300 | 18.65 | 1949 | Dec. 1 | 67,300 | 38.60 | 1957 | Apr. 10 | 28,700 | 30.90 |
| 1942 | Dec. 29 | 16,200 | 23.34 | 1950 | Apr. 10 | 10,800 | 18.80 | 1975 | Apr. -- | 55,000 | 37.10 |

## 02374500 MURDER CREEK NEAR EVERGREEN

LOCATION.--Lat 31°25'06", long 86°59'12", in NW$^1/_4$ sec. 8, T. 5 N., R. 11 E., Conecuh County, Hydrologic Unit 03140304, on U.S. Highway 31, 2.5 mi southwest of Evergreen, and at mile 35.6.
DRAINAGE AREA.--176 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 178.29 ft NGVD 29.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (feet) | Water year | Date | Discharge ($ft^3/s$) | Gage height (feet) | Water year | Date | Discharge ($ft^3/s$) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | Mar. -- | 90,000 [2,7] | 26.60 [5] | 1960 | Apr. 3 | 4,500 | 11.77 | 1982 | Feb. 4 | 3,000 | 11.00 |
| 1938 | Mar. 16 | 21,300 | 16.65 | 1961 | Feb. 25 | 18,200 | 16.13 | 1983 | Apr. 8 | 4,040 | 11.58 |
| 1939 | Mar. 30 | 5,610 | 12.27 | 1962 | Mar. 31 | 7,400 | 13.22 | 1984 | May 3 | 4,960 | 12.02 |
| 1940 | Feb. 18 | 1,760 | 10.08 | 1963 | Jan. 21 | 1,650 | 9.82 | 1985 | July 26 | 4,570 | 11.84 |
| 1941 | Dec. 17 | 3,010 | 11.00 | 1964 | Apr. 27 | 9,200 | 13.80 | 1986 | Mar. 14 | 2,390 | 10.54 |
| 1942 | Dec. 24 | 3,900 | 11.52 | 1965 | Jan. 23 | 6,800 | 13.02 | 1987 | Feb. 16 | 1,000 [E] | 8.67 |
| 1943 | Mar. 22 | 4,090 | 11.60 | 1966 | Oct. 1 | 4,900 | 11.99 | 1988 | Sept. 11 | 2,260 [E] | 10.44 |
| 1944 | Nov. 8 | 6,200 | 12.77 | 1967 | Jan. 2 | 1,725 | 9.90 | 1989 | Mar. 30 | 2,400 | 10.56 |
| 1945 | Apr. 29 | 2,090 | 10.32 | 1968 | Nov. 1 | 760 | 7.90 | 1990 | Mar. 16 | 21,000 | 16.59 |
| 1946 | Jan. 7 | 5,800 | 12.57 | 1969 | May 19 | 1,400 | 9.51 | 1991 | Mar. 2 | 2,300 | 10.45 |
| 1947 | Apr. 2 | 3,030 | 11.00 | 1970 | June 3 | 3,750 | 11.43 | 1992 | Feb. 15 | 2,780 | 10.9 |
| 1948 | Mar. 3 | 3,300 | 11.20 | 1971 | Mar. 27 | 2,320 | 10.44 | 1993 | Nov. 25 | 3,900 | 11.50 |
| 1949 | Nov. 27 | 8,400 | 13.50 | 1972 | May 8 | 1,750 | 9.90 | 1994 | July 8 | 1,750 | 9.91 |
| 1950 | Apr. 5 | 1,100 | 8.91 | 1973 | Apr. 1 | 4,700 | 11.91 | 1995 | Aug. 4 | 3,360 | 11.30 |
| 1951 | Mar. 29 | 1,850 | 10.05 | 1974 | Sept. 9 | 3,700 | 11.40 | 1996 | Oct. 5 | 5,750 | 12.52 |
| 1952 | Mar. 24 | 2,000 | 10.20 | 1975 | Apr. 10 | 14,000 | 15.27 | 1997 | Mar. 1 | 1,570 | 9.69 |
| 1953 | July 22 | 1,700 | 9.80 | 1976 | Dec. 31 | 5,930 | 12.46 | 1998 | Mar. 8 | 7,300 | 13.20 |
| 1954 | Dec. 4 | 2,840 | 10.89 | 1977 | Mar. 13 | 2,350 | 10.50 | 1999 | Mar. 15 | 2,650 | 10.72 |
| 1955 | Apr. 14 | 5,900 | 12.58 | 1978 | Jan. 25 | 6,110 | 12.54 | 2000 | Oct. 11 | 440 | 6.12 |
| 1956 | July 9 | 2,840 | 10.81 | 1979 | Mar. 4 | 8,180 | 13.44 | 2001 | Mar. 4 | 12,500 | 14.83 |
| 1957 | Dec. 24 | 5,150 | 12.10 | 1980 | Apr. 13 | 8,510 | 13.58 | 2002 | Oct. 14 | 1,650 | 9.76 |
| 1958 | Feb. 7 | 1,230 | 9.26 | 1981 | Feb. 11 | 4,440 | 11.78 | 2003 | July 1 | 5,200 | 12.31 |
| 1959 | June 10 | 3,250 | 11.15 | | | | | | | | |

## 02374970 SIZEMORE CREEK NEAR ROBINSONVILLE

LOCATION.--Lat 31°05'57", long 87°23'31", in NW$^1/_4$ sec. 32, T. 2 N., R. 7 E., Escambia County, Hydrologic Unit 03140305, on County Road 17, 3.9 mi northeast of Robinsonville.
DRAINAGE AREA.--79.4 mi$^2$.
GAGE.--Crest-stage gage. Datum not available.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (feet) | Water year | Date | Discharge ($ft^3/s$) | Gage height (feet) | Water year | Date | Discharge ($ft^3/s$) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1971 | Dec. 20 | 3,820 | 27.00 | 1975 | July 31 | 4,950 | 27.67 | 1979 | Mar. 4 | 2,770 | 26.21 |
| 1972 | May 8 | 3,170 | 26.56 | 1976 | Jan. 26 | 5,260 | 27.83 | 1980 | Apr. 13 | 10,400 | 29.81 |
| 1973 | Mar. 31 | 2,560 | 26.03 | 1977 | Mar. 13 | 2,600 | 26.07 | 1981 | Feb. 11 | 7,510 | 28.81 |
| 1974 | Sept. 7 | 7,430 | 28.78 | 1978 | Jan. 26 | 4,460 | 27.40 | 1990 | Mar. 16 | 13,200 [7] | 31.00 |

## 02375000 BIG ESCAMBIA CREEK AT FLOMATON

LOCATION.--Lat 31°00'38", long 87°15'46", in NE$^1/_4$ sec. 33, T. 1 N., R. 8 E., Escambia County, Hydrologic Unit 03140305, on U.S. Highway 31 at north edge of Flomaton, 1.5 mi upstream from Alabama-Florida State line, and 4 mi upstream from mouth.
DRAINAGE AREA.--330 mi$^2$.
GAGE.--Water-stage gage 1939-51. Crest-stage gage 1952-75. Datum of gage is 52.40 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1939 | Sept. 27 | 41,400 | 19.26 | 1952 | Mar. 24 | 3,000 | 9.00 | 1964 | Apr. 27 | 6,710 | 10.54 |
| 1940 | May 1 | 6,250 | 10.36 | 1953 | Apr. 26 | 3,590 | 7.80 | 1965 | Jan. 23 | 16,200 | 14.75 |
| 1941 | Jan. 17 | 2,790 | 6.38 | 1954 | Dec. 6 | 8,870 | 11.80 | 1966 | Oct. 2 | 10,600 | 12.69 |
| 1942 | Jan. 2 | 9,100 | 11.90 | 1955 | Apr. 14 | 45,600 | 19.40 | 1967 | Jan. 3 | 9,200 | 11.98 |
| 1943 | Mar. 21 | 6,500 | 10.45 | 1956 | Sept. 25 | 2,930 | 6.90 | 1968 | Oct. 31 | 3,140 | 7.20 |
| 1944 | Mar. 23 | 9,400 | 12.25 | 1957 | Dec. 25 | 4,270 | 8.60 | 1969 | May 19 | 6,540 | 10.43 |
| 1945 | Apr. 29 | 5,400 | 9.64 | 1958 | Sept. 22 | 3,500 | 7.70 | 1970 | Feb. 17 | 4,060 | 8.37 |
| 1946 | Mar. 29 | 6,300 | 10.56 | 1959 | Sept. 14 | 5,100 | 9.60 | 1971 | Dec. 20 | 9,810 | 12.30 |
| 1947 | Mar. 8 | 7,400 | 11.06 | 1960 | Apr. 3 | 8,540 | 11.60 | 1972 | May 9 | 8,760 | 11.74 |
| 1948 | Mar. 7 | 6,500 | 10.40 | 1961 | Apr. 12 | 10,900 | 12.83 | 1973 | Mar. 31 | 8,190 | 11.42 |
| 1949 | Nov. 28 | 15,400 | 14.50 | 1962 | Apr. 1 | 14,300 | 14.13 | 1974 | Sept. 9 | 17,500 | 17.46 |
| 1950 | Apr. 5 | 4,570 | 8.87 | 1963 | Jan. 21 | 5,100 | 9.65 | 1975 | Feb. -- | 22,200 | 17.92 |
| 1951 | Mar. 19 | 6,330 | 10.30 | | | | | | | | |

## 02377500 STYX RIVER NEAR LOXLEY

LOCATION.--Lat 30°39'50", long 87°38'20", in SE$^1/_4$ sec. 26, T. 4 S., R. 4 E., Baldwin County, Hydrologic Unit 03140106, on county road, 2 mi upstream from Hollinger Creek, and 7 mi northeast of Loxley.
DRAINAGE AREA.--92.2 mi$^2$.
GAGE.--Water-stage recorder 1952-69, 1971. Crest-stage gage 1973-77. Datum of gage is 39 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1926 | Sept. -- | 27,500 [2,7] | 22.20 | 1960 | Apr. 4 | 3,510 | 13.31 | 1969 | Aug. 19 | 4,320 | 14.82 |
| 1952 | Sept. 19 | 1,880 | 7.50 | 1961 | June 20 | 4,300 | 14.74 | 1971 | Sept. 6 | 1,500 [1] | -- |
| 1953 | Apr. 12 | 1,980 | 7.85 | 1962 | Apr. 1 | 3,700 | 13.75 | 1973 | Mar. 31 | 3,220 | 12.70 |
| 1954 | Dec. 6 | 14,000 | 19.73 | 1963 | Jan. 21 | 1,510 | 6.48 | 1974 | Feb. 8 | 3,620 | 13.59 |
| 1955 | Apr. 14 | 2,520 | 10.57 | 1964 | Apr. 27 | 7,450 | 17.91 | 1975 | Aug. 1 | 19,000 | 20.81 |
| 1956 | Mar. 12 | 2,050 | 8.09 | 1965 | Aug. 9 | 1,430 | 5.92 | 1976 | Nov. 9 | 3,130 | 12.43 |
| 1957 | Apr. 5 | 7,430 | 17.50 | 1966 | Oct. 1 | 5,370 | 16.19 | 1977 | Mar. 31 | 1,920 | 7.68 |
| 1958 | Mar. 6 | 2,100 | 8.25 | 1967 | Sept. 7 | 3,160 | 12.54 | 1989 | June 9 | 27,000 [2,7] | 22.09 |
| 1959 | Sept. 13 | 3,110 | 11.80 | 1968 | Dec. 12 | 830 | 4.15 | | | | |

## 02378500 FISH RIVER NEAR SILVER HILL

LOCATION.--Lat 30°32'43", long 87°47'55", NW$^1/_4$ sec. 8, T. 6 S., R. 3 E., Baldwin County, Hydrologic Unit 03160205, on State Highway 104, 0.2 mi downstream from Caney Branch, 2.8 mi west of Silver Hill, and 12 mi upstream from mouth.

DRAINAGE AREA.--55.3 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 30 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1954 | Dec. 6 | 9,200 | 17.04 | 1966 | Oct. 1 | 2,420 | 12.13 | 1993 | Mar. 31 | 1,400 | 11.32 |
| 1955 | Dec. 6 | 443 | 6.66 | 1967 | Sept. 7 | 1,250 | 10.18 | 1994 | July 8 | 2,910 | 13.89 |
| 1956 | Mar. 12 | 1,090 | 9.71 | 1968 | Dec. 11 | 330 | 5.52 | 1995 | Mar. 8 | 1,610 | 11.69 |
| 1957 | Apr. 5 | 5,080 | 14.70 | 1969 | July 24 | 4,220 | 14.00 | 1996 | Oct. 5 | 6,760 | 17.56 |
| 1958 | Mar. 7 | 1,620 | 10.93 | 1971 | Sept. 5 | 1,200 | 10.04 | 1997 | July 20 | 16,900[7] | 22.78 |
| 1959 | Sept. 13 | 1,970 | 11.50 | 1987 | June 22 | 1,050 | 10.37 | 1998 | Sept. 28 | 7,870 | 18.31 |
| 1960 | Apr. 3 | 1,520 | 10.71 | 1988 | Sept. 17 | 1,060 | 10.57 | 1999 | June 11 | 665 | 9.05 |
| 1961 | Apr. 12 | 4,570 | 14.29 | 1989 | June 9 | 9,470 | 19.28 | 2000 | Mar. 30 | 600 | 8.68 |
| 1962 | Jan. 6 | 588 | 8.01 | 1990 | Mar. 16 | 5,720 | 16.77 | 2001 | June 11 | 1,930 | 12.39 |
| 1963 | Jan. 21 | 690 | 8.48 | 1991 | May 9 | 845 | 10.00 | 2002 | Sept. 26 | 3,920 | 15.08 |
| 1964 | Apr. 27 | 5,470 | 15.00 | 1992 | Jan. 13 | 4,570 | 15.74 | 2003 | July 7 | 3,050 | 14.07 |
| 1965 | July 11 | 559 | 7.84 | | | | | | | | |

## 02398300 CHATTOOGA RIVER ABOVE GAYLESVILLE

LOCATION.--Lat 34°17'25", long 85°30'33", in NW$^1/_4$ sec. 5, T. 9 S., R. 11 E., Cherokee County, Hydrologic Unit 03150105, on county road, 600 ft downstream from Mills Creek, 3.5 mi northeast of Gaylesville, and 20.1 mi upstream from mouth.
DRAINAGE AREA.--366 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 562.11 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1938 | Apr. 9 | 11,800 [2] | -- | 1960 | Mar. 30 | 4,050 | 13.93 | 1983 | Dec. 2 | 11,400 | 19.77 |
| 1939 | Mar. 1 | 8,350 [2] | -- | 1961 | Feb. 23 | 12,000 | 20.56 | 1984 | Apr. 4 | 8,120 | 18.12 |
| 1940 | Mar. 14 | 4,090 [2] | -- | 1962 | Jan. 28 | 11,500 | 20.34 | 1985 | Feb. 2 | 7,840 | 17.94 |
| 1941 | July 16 | 5,990 [2] | -- | 1963 | Apr. 30 | 13,600 | 20.95 | 1986 | Feb. 19 | 3,180 | 10.88 |
| 1942 | Feb. 17 | 7,420 [2] | -- | 1964 | Mar. 26 | 13,300 | 20.85 | 1987 | Mar. 1 | 7,330 [E] | 17.76 |
| 1943 | Dec. 30 | 13,200 [2] | -- | 1965 | Mar. 27 | 10,100 | 18.94 | 1988 | Jan. 21 | 6,660 [E] | 17.15 |
| 1944 | Mar. 29 | 10,300 [2] | -- | 1966 | Mar. 5 | 16,500 | 22.03 | 1989 | Feb. 28 | 6,230 | 16.65 |
| 1945 | Feb. 15 | 6,670 [2] | -- | 1967 | Feb. 21 | 4,460 | 14.60 | 1990 | Feb. 17 | 23,300 | 24.25 |
| 1946 | Feb. 11 | 17,700 [2] | -- | 1970 | Apr. 27 | 5,620 | 16.35 | 1991 | Feb. 21 | 7,860 | 18.04 |
| 1947 | Jan. 21 | 13,900 [2] | -- | 1971 | Feb. 5 | 5,620 | 16.36 | 1992 | Feb. 26 | 6,710 | 16.95 |
| 1948 | Feb. 14 | 11,800 [2] | -- | 1972 | May 15 | 9,820 | 18.96 | 1993 | Jan. 13 | 5,320 | 14.71 |
| 1949 | Nov. 29 | 31,200 [2] | -- | 1973 | Mar. 18 | 12,500 | 20.25 | 1994 | Mar. 29 | 12,500 | 20.55 |
| 1950 | Mar. 14 | 12,400 [2] | -- | 1974 | Apr. 5 | 7,200 | 17.56 | 1995 | Feb. 18 | 9,110 | 18.83 |
| 1951 | Mar. 30 | 32,900 [2] | 23.48 | 1975 | Sept. 24 | 9,100 | 18.60 | 1996 | Jan. 27 | 11,600 | 20.14 |
| 1952 | Mar. 12 | 14,300 [2] | -- | 1976 | Jan. 27 | 4,680 | 14.97 | 1997 | Mar. 1 | 6,870 | 17.12 |
| 1953 | Feb. 22 | 8,390 [2] | -- | 1977 | Apr. 5 | 12,800 | 20.42 | 1998 | Apr. 17 | 6,830 | 17.08 |
| 1954 | Jan. 17 | 9,470 [2] | -- | 1978 | Nov. 7 | 8,720 | 18.43 | 1999 | Jan. 23 | 4,980 | 14.17 |
| 1955 | Dec. 6 | 6,620 [2] | -- | 1979 | Apr. 13 | 16,800 | 22.17 | 2000 | Apr. 5 | 7,700 | 17.91 |
| 1956 | Apr. 17 | 6,790 [2] | -- | 1980 | Mar. 22 | 10,600 | 19.38 | 2001 | Mar. 21 | 6,630 | 16.84 |
| 1957 | Feb. 2 | 10,900 [2] | -- | 1981 | Feb. 11 | 4,450 | 13.79 | 2002 | Jan. 25 | 6,130 | 16.17 |
| 1958 | Nov. 20 | 11,200 [2] | -- | 1982 | Jan. 4 | 17,000 | 22.23 | 2003 | May 7 | 10,600 | 19.65 |
| 1959 | Apr. 20 | 4,220 [2] | -- | | | | | | | | |

## 02398500 CHATTOOGA RIVER AT GAYLESVILLE

LOCATION.--Lat 34°15'47", long 85°33'39", in SW$^1/_4$ sec. 11, T. 9 S., R. 10 E., Cherokee County, Hydrologic Unit 03150105, on State Highway 35, 0.2 mi southwest of Gaylesville, and 9 mi upstream from Little River.
DRAINAGE AREA.--379 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 549.56 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1938 | Apr. 9 | 12,100 | 20.60 | 1946 | Feb. 11 | 18,100 | 22.17 | 1954 | Jan. 17 | 9,700 | 19.57 |
| 1939 | Mar. 1 | 8,550 | 19.30 | 1947 | Jan. 21 | 14,200 | 21.20 | 1955 | Dec. 6 | 6,780 | 18.30 |
| 1940 | Mar. 14 | 4,190 | 15.20 | 1948 | Feb. 14 | 12,100 | 20.60 | 1956 | Apr. 17 | 6,960 | 18.40 |
| 1941 | July 16 | 6,140 | 17.80 | 1949 | Nov. 29 | 32,000 | 24.60 | 1957 | Feb. 2 | 11,200 | 20.10 |
| 1942 | Feb. 17 | 7,600 | 18.80 | 1950 | Mar. 14 | 12,700 | 20.60 | 1958 | Nov. 20 | 11,500 | 20.20 |
| 1943 | Dec. 30 | 13,500 | 21.00 | 1951 | Mar. 30 | 33,700 | 25.24 | 1959 | Apr. 20 | 4,320 | 17.30 |
| 1944 | Mar. 29 | 10,600 | 20.10 | 1952 | Mar. 12 | 14,600 | 21.10 | 1960 | Mar. 30 | 4,720 | 16.80 |
| 1945 | Feb. 15 | 6,830 | 18.30 | 1953 | Feb. 22 | 8,600 | 19.20 | 1990 | Feb. 17 | 24,000[2,7] | -- |

## 02399000 LITTLE RIVER NEAR JAMESTOWN

LOCATION.--Lat 34°23'51", long 85°37'36", in SW$^1/_4$ sec. 30, T. 7 S., R. 10 E., Cherokee County, Hydrologic Unit 03150105, at site of former highway bridge, 0.2 mi upstream from Yellow Creek, 0.3 mi upstream from present highway bridge, and 2.5 mi west of Jamestown.
DRAINAGE AREA.--125 mi$^2$.
GAGE.--Water-stage recorder 1923-32, 1936-49. Crest-stage gage 1951-67. Datum of gage is 1,177.4 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | Mar. 14 | 14,600 | 10.40 | 1944 | Feb. 27 | 8,350 | 7.97 | 1956 | Apr. 17 | 4,890 | 6.20 |
| 1930 | Nov. 14 | 11,900 | 9.38 | 1945 | Feb. 13 | 7,650 | 7.73 | 1957 | Feb. 1 | 8,830 | 8.20 |
| 1931 | Nov. 16 | 5,210 | 6.42 | 1946 | Jan. 8 | 17,900 | 11.56 | 1958 | July 9 | 7,010 | 7.40 |
| 1932 | Jan. 30 | 9,830 | 8.62 | 1947 | Jan. 20 | 10,900 | 9.02 | 1959 | Jan. 21 | 9,330 | 8.40 |
| 1936 | Feb. 4 | 18,800 | 11.90 | 1948 | Feb. 12 | 7,650 | 7.70 | 1960 | Mar. 30 | 2,050 | 4.20 |
| 1937 | Jan. 2 | 11,100 | 9.09 | 1949 | Nov. 28 | 21,800 | 12.90 | 1961 | Feb. 22 | 7,470 | 7.55 |
| 1938 | Apr. 8 | 10,900 | 9.00 | 1951 | Mar. 29 | 19,700 | 12.20 | 1962 | Dec. 18 | 13,000 | 9.92 |
| 1939 | Feb. 28 | 9,830 | 8.57 | 1952 | Mar. 11 | 13,800 | 10.10 | 1964 | Mar. 25 | 10,800 | 9.06 |
| 1940 | Feb. 18 | 4,990 | 6.27 | 1953 | Feb. 21 | 5,210 | 6.40 | 1965 | Mar. 26 | 9,110 | 8.32 |
| 1941 | July 17 | 2,850 | 4.91 | 1954 | Jan. 17 | 12,200 | 9.50 | 1966 | Mar. 3 | 25,000 | 13.83 |
| 1942 | Feb. 17 | 5,380 | 6.52 | 1955 | Apr. 14 | 13,500 | 10.00 | 1967 | Feb. 20 | 10,100 | 8.76 |
| 1943 | Dec. 28 | 19,700 | 12.20 | | | | | | | | |

## 02399200 LITTLE RIVER NEAR BLUE POND

LOCATION.--Lat 34°17'20", long 85°40'50", in NE$^1/_4$ sec. 3, T. 9 S., R. 9 E., Cherokee County, Hydrologic Unit 03150105, at Canyon Mouth Park, 0.9 mi upstream from State Highway 176, 2.5 mi upstream from Wolf Creek, 4.2 mi northeast of Blue Pond, and 7.5 mi upstream from mouth.

DRAINAGE AREA.--199 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 589.34 ft NGVD 29. Prior to Aug. 1, 1959, nonrecording gage on highway bridge 0.9 mi downstream at datum 15.45 ft lower. Prior to May 27, 1981, recording gage 0.7 mi downstream at datum 7.96 ft lower.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | Mar. 15 | 21,500[2,7] | -- | 1973 | May 28 | 21,000 | 12.59 | 1990 | Feb. 16 | 40,700 | 15.22 |
| 1948 | Feb. 12 | 7,650 | 7.70 | 1974 | Nov. 28 | 13,000 | 10.70 | 1991 | Feb. 19 | 12,800 | 9.79 |
| 1958 | July 9 | 7,400 [2] | 8.97 | 1975 | Sept. 23 | 12,900 | 10.68 | 1992 | Feb. 26 | 7,140 | 7.86 |
| 1959 | Jan. 21 | 9,650 | 10.00 | 1976 | July 5 | 14,600 | 11.15 | 1993 | Nov. 4 | 7,510 | 8.01 |
| 1960 | Nov. 24 | 3,810 | 7.42 | 1977 | Mar. 30 | 15,400 | 11.34 | 1994 | Mar. 27 | 17,900 | 11.15 |
| 1961 | Feb. 23 | 11,600 | 10.08 | 1978 | Nov. 5 | 18,200 | 12.02 | 1995 | Feb. 16 | 14,700 | 10.34 |
| 1962 | Dec. 18 | 19,200 | 11.80 | 1979 | Apr. 13 | 31,100 | 14.30 | 1996 | Oct. 5 | 40,700 | 15.26 |
| 1963 | Apr. 29 | 22,000 | 13.55 | 1980 | Mar. 21 | 21,800 | 12.74 | 1997 | May 3 | 24,000 | 12.48 |
| 1964 | Mar. 26 | 17,800 | 12.36 | 1981 | Mar. 31 | 10,000 | 9.90 | 1998 | Jan. 7 | 18,200 | 11.22 |
| 1965 | Mar. 26 | 12,300 | 10.71 | 1982 | Jan. 4 | 22,000 | 12.08 | 1999 | Jan. 23 | 12,500 | 9.76 |
| 1966 | Mar. 4 | 32,000 | 14.45 | 1983 | Dec. 1 | 23,600 | 12.42 | 2000 | Apr. 4 | 13,400 | 10.03 |
| 1967 | Feb. 20 | 8,290 | 9.28 | 1984 | Nov. 28 | 16,400 | 10.85 | 2001 | Mar. 20 | 8,020 | 8.39 |
| 1968 | Dec. 18 | 11,400 | 10.24 | 1985 | July 24 | 53,800 | 16.98 | 2002 | Jan. 25 | 13,000 | 9.91 |
| 1969 | May 18 | 17,100 | 11.77 | 1986 | Feb. 18 | 5,320 | 7.05 | 2003 | May 6 | 24,700 | 12.62 |
| 1970 | Dec. 31 | 9,250 | 9.59 | 1987 | Mar. 1 | 16,700 | 10.86 | | | | |
| 1971 | Feb. 5 | 10,100 | 9.85 | 1988 | Jan. 20 | 20,800 | 11.81 | | | | |
| 1972 | Jan. 4 | 11,000 | 10.12 | 1989 | June 15 | 10,700 | 9.16 | | | | |

## 02400000 TERRAPIN CREEK NEAR PIEDMONT

LOCATION.--Lat 33°57'23", long 85°34'38", in NE$^1/_4$ sec. 34, T. 12 S., R. 10 E., Calhoun County, Hydrologic Unit 03150105, on U.S. Highway 278 and State Highway 74, 0.5 mi upstream from Ladiga Creek, and 3 mi northeast of Piedmont.

DRAINAGE AREA.--116 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 649.79 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1945 | May 13 | 3,950 | 8.44 | 1952 | Mar. 23 | 10,000 | 11.00 | 1959 | Jan. 21 | 3,500 | 8.00 |
| 1946 | Mar. 28 | 14,600 | 12.03 | 1953 | Jan. 9 | 5,690 | 9.50 | 1960 | Jan. 31 | 2,310 | 6.40 |
| 1947 | Jan. 20 | 11,000 | 11.20 | 1954 | Jan. 16 | 12,000 | 11.54 | 1961 | Feb. 23 | 14,000 | 12.00 |
| 1948 | Feb. 7 | 3,830 | 8.30 | 1955 | Feb. 7 | 6,380 | 9.80 | 1962 | Dec. 12 | 10,900 | 11.32 |
| 1949 | Nov. 28 | 21,000 | 13.30 | 1956 | Mar. 17 | 4,790 | 9.00 | 1963 | Mar. 12 | 13,800 | 11.97 |
| 1950 | Nov. 28 | 5,900 | 9.60 | 1957 | Apr. 5 | 10,600 | 11.10 | 1979 | Mar. 3 | 17,600[2,7] | -- |
| 1951 | Mar. 29 | 17,800 | 12.70 | 1958 | Sept. 21 | 5,160 | 9.20 | | | | |

## 02400033 NANCES CREEK NEAR WHITE PLAINS

LOCATION.--Lat 33°50’43”, long 85°40’00”, in NW$^{1}/_{4}$ sec. 2, T. 14 S., R. 9 E., Calhoun County, Hydrologic Unit 03150105, on upstream wingwall of culvert on State Highway 9, 6 mi southwest of Piedmont, and 6.5 mi northeast of White Plains.
DRAINAGE AREA.--4.62 mi$^{2}$.
GAGE.--Rainfall-runoff station. Datum of gage is 770 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^{3}$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^{3}$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^{3}$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1971 | July 16 | 389 | 3.39 | 1975 | July 7 | 933 | 5.82 | 1979 | Mar. 4 | 1,010 | 6.12 |
| 1972 | Jan. 10 | 699 | 4.92 | 1976 | Jan. 26 | 915 | 5.75 | 1980 | Mar. 21 | 829 | 5.42 |
| 1973 | Mar. 16 | 609 | 4.56 | 1977 | Mar. 29 | 636 | 4.67 | 1981 | -- | 247 [4] | 3.02 |
| 1974 | Apr. 4 | 1,430 | 7.53 | 1978 | Nov. 6 | 397 | 3.69 | | | | |

## 02400100 TERRAPIN CREEK AT ELLISVILLE

LOCATION.--Lat 34°03'54", long 85°36'51", in SW$^{1}/_{4}$ sec. 20, T. 11 S., R. 10 E., Cherokee County, Hydrologic Unit 03150105, on State Highway 9, 0.2 mi southwest of Ellisville, and 6.7 mi upstream from mouth.
DRAINAGE AREA.--252 mi$^{2}$.
GAGE.--Water-stage recorder. Datum of gage is 539.07 ft NGVD 29.

| Water year | Date | Discharge (ft$^{3}$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^{3}$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^{3}$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1949 | Nov. 28 | 24,000 [2,7] | -- | 1976 | Mar. 16 | 9,070 | 16.43 | 1990 | Mar. 16 | 15,500 | 18.60 |
| 1963 | Mar. 13 | 13,200 | 17.90 | 1977 | Apr. 5 | 8,400 | 16.12 | 1991 | Mar. 29 | 5,650 | 14.42 |
| 1964 | Mar. 15 | 11,500 | 17.35 | 1978 | Jan. 26 | 5,640 | 14.29 | 1992 | Feb. 25 | 6,190 | 14.77 |
| 1965 | Feb. 12 | 3,500 | 11.86 | 1979 | Mar. 4 | 20,100 | 19.82 | 1993 | Jan. 12 | 5,940 | 14.61 |
| 1966 | Mar. 4 | 10,300 | 16.94 | 1980 | Mar. 21 | 8,950 | 16.30 | 1994 | Mar. 29 | 7,000 | 15.30 |
| 1967 | Aug. 25 | 7,740 | 15.81 | 1981 | Mar. 30 | 10,900 | 17.10 | 1995 | Mar. 8 | 6,740 | 15.11 |
| 1968 | Jan. 10 | 8,910 | 16.36 | 1982 | Apr. 26 | 8,610 | 16.10 | 1996 | Oct. 5 | 16,900 | 19.10 |
| 1969 | Jan. 20 | 4,300 | 12.91 | 1983 | Feb. 2 | 4,500 | 13.35 | 1997 | May 3 | 5,210 | 14.15 |
| 1970 | Mar. 20 | 13,500 | 18.00 | 1984 | July 31 | 7,420 | 15.58 | 1998 | Apr. 9 | 5,480 | 14.41 |
| 1971 | Apr. 24 | 13,800 | 18.10 | 1985 | Feb. 1 | 3,690 | 12.22 | 1999 | Jan. 23 | 3,220 | 12.02 |
| 1972 | Jan. 11 | 12,100 | 17.55 | 1986 | Mar. 19 | 917 | 7.17 | 2000 | Apr. 4 | 5,720 | 14.62 |
| 1973 | Jan. 8 | 4,900 | 13.61 | 1987 | Mar. 1 | 6,250 | 15.01 | 2001 | Mar. 20 | 6,620 | 15.42 |
| 1974 | Mar. 4 | 16,700 | 19.07 | 1988 | Jan. 20 | 3,420 [E] | 11.73 | 2002 | Jan. 25 | 4,920 | 13.85 |
| 1975 | Sept. 24 | 11,400 | 17.30 | 1989 | June 21 | 5,720 | 14.59 | 2003 | Mar. 6 | 6,430 | 15.26 |

## 02400500 COOSA RIVER AT GADSDEN

LOCATION.--Lat 34°00'37", long 86°13'34", in NW$^1/_4$ sec. 10, T. 12 S., R. 6 E., Etowah County, Hydrologic Unit 03150106, on Forrest Avenue in Gadsden, 1.5 mi upstream from Big Wills Creek, and at mile 174.8.

DRAINAGE AREA.--5,805 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 485.97 ft NGVD 29.

REMARKS.--Since December 1949, flow regulated by Allatoona Reservoir and since April 1961, by Weiss Reservoir.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1886 | Apr. 6 | 115,000 [27] | 37.90 | 1928 | Apr. 24 | 37,800 | 20.79 | 1966 | Mar. 6 | 46,800 | 23.61 [2] |
| 1891 | -- | 52,000 | 24.60 [5] | 1929 | Mar. 17 | 53,500 | 24.58 | 1967 | Aug. 27 | 40,100 | -- |
| 1892 | -- | 76,000 | 30.80 [5] | 1930 | Nov. 17 | 58,100 | 25.76 | 1968 | Jan. 12 | 48,300 | 24.19 |
| 1893 | -- | 46,000 | 22.60 [5] | 1931 | Nov. 18 | 39,500 | 20.28 | 1969 | Feb. 10 | 37,400 | 22.84 [2] |
| 1894 | -- | 26,000 | 14.40 [5] | 1932 | Feb. 5 | 51,000 | 23.86 | 1970 | Mar. 23 | 47,300 | 23.89 |
| 1895 | -- | 42,000 | 21.50 [5] | 1933 | Jan. 3 | 72,900 | 30.30 | 1971 | Mar. 5 | 42,000 | 22.98 |
| 1896 | -- | 31,000 | 17.20 [5] | 1934 | Mar. 6 | 46,400 | 23.30 | 1972 | Jan. 12 | 46,100 | 23.52 |
| 1897 | -- | 48,000 | 23.40 [5] | 1935 | Mar. 14 | 38,500 | 20.50 | 1973 | Mar. 20 | 44,000 | 23.02 |
| 1898 | -- | 47,000 | 23.10 [5] | 1936 | Apr. 11 | 76,900 | 31.13 | 1974 | Apr. 6 | 48,800 | 23.84 |
| 1899 | -- | 57,000 | 25.90 [5] | 1937 | Jan. 5 | 55,800 | 26.16 | 1975 | Sept.25 | 43,300 | -- |
| 1900 | -- | 49,000 | 23.60 [5] | 1938 | Apr. 14 | 57,200 | 26.63 | 1976 | Apr. 1 | 49,200 | 24.19 |
| 1901 | -- | 48,000 | 23.50 [5] | 1939 | Mar. 7 | 42,000 | 21.82 | 1977 | Apr. 6 | 54,000 | 27.26 |
| 1902 | -- | 51,000 | 24.40 [5] | 1940 | Mar. 16 | 33,400 | 18.55 | 1978 | Nov. 8 | 40,300 | 23.54 |
| 1903 | -- | 48,000 | 23.30 [5] | 1941 | July 9 | 24,700 | 15.00 | 1979 | Apr. 14 | 56,100 | 27.45 |
| 1904 | -- | 17,000 | 10.70 [5] | 1942 | Feb. 19 | 43,500 | 22.28 | 1980 | Mar. 28 | 58,600 | -- |
| 1905 | -- | 40,000 | 20.50 [5] | 1943 | Dec. 30 | 59,100 | 27.14 | 1981 | Feb. 17 | 53,900 | -- |
| 1906 | -- | 56,000 | 25.80 [5] | 1944 | Apr. 1 | 51,300 | 24.60 [2] | 1982 | Jan. 18 | 48,400 | -- |
| 1907 | -- | 41,000 | 21.10 [5] | 1945 | Feb. 17 | 34,800 | 19.10 | 1983 | Mar. 4 | 45,300 | -- |
| 1908 | -- | 42,000 | 21.50 [5] | 1946 | Feb. 16 | 71,300 | 30.20 | 1984 | Aug. 1 | 47,400 | -- |
| 1909 | -- | 64,000 | 27.90 [5] | 1947 | Jan. 25 | 73,000 | 29.60 [2] | 1985 | Feb. 6 | 27,400 [E] | -- |
| 1910 | -- | 33,000 | 17.90 [5] | 1948 | Feb. 18 | 52,200 | 25.41 [2] | 1986 | Feb. 19 | 20,900 [E] | -- |
| 1911 | -- | 44,000 | 22.00 [5] | 1949 | Dec. 4 | 67,400 | 28.34 [2] | 1987 | Mar. 3 | 37,600 | -- |
| 1912 | -- | 52,000 | 24.50 [5] | 1950 | Mar. 17 | 50,700 | -- | 1988 | Jan. 21 | 25,700 | -- |
| 1913 | -- | 46,000 | 22.50 [5] | 1951 | Apr. 1 | 64,600 | 28.90 | 1989 | Mar. 7 | 46,400 | 24.06 |
| 1914 | -- | 37,000 | 19.50 [5] | 1952 | Dec. 24 | 42,900 | 23.22 [2] | 1990 | Feb. 22 | 61500 | -- |
| 1915 | -- | 44,000 | 21.90 [5] | 1953 | Jan. 11 | 44,600 | 22.20 | 1991 | Feb. 24 | 37200 | 23.59 |
| 1916 | July 15 | 85,000 | 32.70 [5] | 1954 | Jan. 25 | 47,200 | 24.20 [2] | 1992 | Feb. 28 | 31100 | 23.04 |
| 1917 | -- | 57,000 | 26.10 [5] | 1955 | Feb. 8 | 41,900 | 21.30 | 1993 | Jan. 13 | 32300 | 22.83 |
| 1918 | -- | 47,000 | 23.10 [5] | 1956 | Apr. 18 | 33,500 | 19.20 | 1994 | Mar. 30 | 37700 | -- |
| 1919 | -- | 49,000 | 23.70 [5] | 1957 | Feb. 6 | 47,600 | 23.20 | 1995 | Mar. 11 | 39200 | -- |
| 1920 | -- | 65,000 | 28.30 [5] | 1958 | Nov. 22 | 36,400 | 19.66 [2] | 1996 | Feb. 3 | 48400 | -- |
| 1921 | -- | 69,000 | 29.30 [5] | 1959 | Feb. 15 | 28,700 | 16.90 | 1997 | May 5 | -- | 24.38 |
| 1922 | -- | 56,000 | 25.80 [5] | 1960 | Mar. 5 | 31,400 | 17.40 | 1998 | Oct. 26 | -- | 25.06 |
| 1923 | -- | 40,000 | 20.60 [5] | 1961 | Feb. 26 | 74,300 | 30.61 | 1999 | July 14 | -- | 22.94 |
| 1924 | -- | 48,000 | 23.50 | 1962 | Dec. 19 | 52,600 | 26.22 | 2000 | Apr. 5 | -- | 23.87 |
| 1925 | -- | 52,000 | 24.50 | 1963 | May 1 | 48,400 | 25.85 | 2001 | Mar. 22 | -- | 23.40 |
| 1926 | -- | 49,000 | 23.60 | 1964 | Mar. 28 | 52,700 | 26.01 | 2002 | Mar. 31 | -- | 23.58 |
| 1927 | Dec. 29 | 41,400 | 23.60 | 1965 | Mar. 29 | 42,000 | 22.56 [2] | 2003 | May 8 | -- | 24.46 |

## 02401000 BIG WILLS CREEK NEAR REECE CITY

LOCATION.--Lat 34°05'53", long 86°02'17", in SE$^1/_4$ sec. 6, T. 11 S., R. 6 E., Etowah County, Hydrologic Unit 03150106, on county road, 1 mi upstream from Fisher Creek, 1.8 mi northwest of Reece City, and at mile 25.0.
DRAINAGE AREA.--182 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 570 ft NGVD 29 (by barometer).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1884 | -- | 20,500 [7] | 16.30 | 1960 | Mar. 3 | 1,710 | 7.88 | 1978 | Nov. 6 | 4,860 | 10.81 |
| 1943 | Dec. -- | 11,000[5] | 13.90 | 1961 | Feb. 23 | 6,310 | 11.56 | 1979 | Apr. 13 | 10,500 | 13.48 |
| 1944 | Mar. 29 | 5,410 | 10.76 | 1962 | Jan. 28 | 9,180 | 12.76 | 1989 | Mar. 1 | 3,780 | 10.14 |
| 1945 | Feb. 14 | 2,920 | 9.52 | 1963 | Apr. 30 | 11,800 | 14.37 | 1990 | Feb. 17 | 15,800 | 15.07 |
| 1946 | Feb. 10 | 9,530 | 13.04 | 1964 | Mar. 26 | 10,600 | 13.76 | 1991 | Feb. 20 | 4,050 | 10.33 |
| 1947 | Jan. 21 | 7,030 | 11.80 | 1965 | Mar. 27 | 6,510 | 11.72 | 1992 | Feb. 27 | 2,340 | 8.56 |
| 1948 | Feb. 14 | 5,480 | 11.00 | 1966 | Mar. 4 | 10,400 | 13.66 | 1993 | Jan. 13 | 2,440 | 8.73 |
| 1949 | Jan. 5 | 11,800 | 14.20 | 1967 | Feb. 21 | 3,420 | 9.80 | 1994 | Mar. 29 | 4,760 | 10.78 |
| 1950 | Mar. 14 | 7,430 | 12.00 | 1969 | May 19 | 4,800 | 10.81 | 1995 | Feb. 17 | 6,770 | 11.89 |
| 1951 | Mar. 29 | 14,800 | 14.50 | 1970 | Apr. 27 | 4,150 | 10.39 | 1996 | Oct. 6 | 7,760 | 12.37 |
| 1952 | Dec. 21 | 4,340 | 10.60 | 1971 | Feb. 27 | 3,820 | 10.15 | 1997 | May 4 | 9,480 | 13.11 |
| 1953 | Feb. 22 | 5,180 | 11.10 | 1972 | Jan. 5 | 3,150 | 9.55 | 1998 | Jan. 8 | 4,280 | 10.48 |
| 1954 | Jan. 16 | 5,180 | 11.10 | 1973 | May 28 | 6,850 | 11.90 | 1999 | Jan. 24 | 3,580 | 10.00 |
| 1955 | Feb. 7 | 3,040 | 9.64 | 1974 | Dec. 27 | 2,900 | 9.30 | 2000 | Apr. 4 | 4,060 | 10.34 |
| 1956 | Apr. 17 | 3,760 | 10.20 | 1975 | Mar. 15 | 4,490 | 10.62 | 2001 | Mar. 21 | 3,480 | 9.91 |
| 1957 | Feb. 2 | 5,360 | 11.20 | 1976 | Jan. 27 | 3,760 | 10.10 | 2002 | Jan. 25 | 4,530 | 10.64 |
| 1958 | Nov. 19 | 6,250 | 12.00 | 1977 | Apr. 5 | 7,780 | 12.37 | 2003 | May 7 | 8,840 | 12.85 |

## 02401370 BIG CANOE CREEK NEAR SPRINGVILLE

LOCATION.--Lat 33°48'49", long 86°22'54", in SE$^1/_4$ sec. 13, T. 14 S., R. 2 E., St. Clair County, Hydrologic Unit 03150106, on U.S. Highway 11, 1 mi west of Caldwell, 4 mi northwest of Springville, and 37.0 mi upstream from mouth.
DRAINAGE AREA.--45.0 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 587.42 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Apr. 13 | 4,690 | 12.76 | 1985 | Feb. 1 | 2,190 [E] | 10.12 | 1991 | Feb. 20 | 2,020 | 9.90 |
| 1980 | Mar. 17 | 4,130 | 12.33 | 1986 | Mar. 19 | 540 | 5.79 | 1992 | Sept. 5 | 2,500 | 10.53 |
| 1981 | Mar. 30 | 3,030 | 11.33 | 1988 | Jan. 20 | 2,010 [E] | 9.88 | 1993 | Jan. 12 | 2,860 | 10.94 |
| 1982 | Apr. 17 | 1,610 | 9.26 | 1989 | Feb. 28 | 2,340 | 10.32 | 1994 | Mar. 27 | 2,370 | 10.37 |
| 1983 | Dec. 1 | 4,870 | 12.79 | 1990 | Feb. 16 | 4,130 | 12.19 | 1995 | Mar. 8 | 1,890 | 9.71 |
| 1984 | Nov. 28 | 3,670 | 11.77 | | | | | | | | |

## 02401390 BIG CANOE CREEK AT ASHVILLE

LOCATION.--Lat 33°50'23", long 86°15'46", in SE$^1/_4$ sec. 6, T. 14 S., R. 4 E., St. Clair County, Hydrologic Unit 03150106, on U.S. Highway 231, 0.5 mi west-northwest of Ashville, 1.7 mi downstream from Muckleroy Creek, and 22.3 mi upstream from mouth.
DRAINAGE AREA.--141 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 529.56 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1966 | Mar. 4 | 4,040 | 14.95 | 1979 | Apr. 13 | 13,600 | 18.75 | 1992 | Sept. 5 | 4,000 | 13.99 |
| 1967 | Sept. 9 | 4,410 | 15.22 | 1980 | Mar. 18 | 7,500 | 16.26 | 1993 | Jan. 13 | 5,300 | 15.03 |
| 1968 | Jan. 10 | 4,250 | 15.11 | 1981 | Mar. 30 | 5,260 | 14.97 | 1994 | Mar. 28 | 5,560 | 15.20 |
| 1969 | May 19 | 3,810 | 14.74 | 1982 | Jan. 4 | 3,710 | 13.85 | 1995 | Dec. 5 | 4,640 | 14.53 |
| 1970 | Mar. 20 | 9,560 | 17.34 | 1983 | Dec. 1 | 8,270 | 16.74 | 1996 | Oct. 5 | 9,440 | 17.18 |
| 1971 | July 16 | 7,260 | 16.14 | 1984 | Dec. 4 | 6,000 | 15.47 | 1997 | June 18 | 6,500 | 15.76 |
| 1972 | Jan. 11 | 6,870 | 15.93 | 1985 | Feb. 1 | 4,600 | 14.56 | 1998 | Jan. 8 | 8,380 | 16.71 |
| 1973 | June 13 | 4,790 | 14.66 | 1986 | Dec. 13 | 1,100 | 9.75 | 1999 | Jan. 23 | 4,120 | 14.10 |
| 1974 | Dec. 27 | 5,500 | 15.13 | 1987 | Jan. 19 | 4,190 | 14.26 | 2000 | Apr. 4 | 7,900 | 16.87 |
| 1975 | Jan. 25 | 7,350 | 16.19 | 1988 | Sept. 17 | 4,990 | 14.83 | 2001 | Sept. 4 | 8,110 | 16.96 |
| 1976 | Mar. 31 | 5,600 | 15.19 | 1989 | Mar. 5 | 4,550 | 14.53 | 2002 | Jan. 25 | 4,060 | 14.70 |
| 1977 | Apr. 6 | 9,140 | 17.06 | 1990 | Feb. 16 | 8,380 | 16.71 | 2003 | May 8 | 4,180 | 14.77 |
| 1978 | Oct. 9 | 4,980 | 14.79 | 1991 | Feb. 20 | 4,790 | 14.65 | | | | |

## 02401470 LITTLE CANOE CREEK NEAR STEELE

LOCATION.--Lat 33°58'09", long 86°10'40", in SW$^1/_4$ sec. 24, T. 12 S., R. 4 E., St. Clair County, Hydrologic Unit 03150106, on U.S. Highway 11, 2.3 mi north of Steele, and 7.2 mi upstream from mouth.
DRAINAGE AREA.--22.3 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 554.62 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1970 | Mar. 19 | 3,350 | 8.23 | 1986 | Mar. 19 | 250 | 3.77 | 1991 | Feb. 19 | 1,370 | 7.01 |
| 1979 | Apr. 13 | 3,600[7] | 8.36 | 1987 | July 4 | 1,700 | 7.28 | 1992 | Feb. 25 | 442 | 5.28 |
| 1983 | May 18 | 3,250 | 8.19 | 1988 | Sept. 17 | 2,200 | 7.64 | 1993 | Jan. 12 | 1,050 | 6.61 |
| 1984 | Dec. 28 | 1,700 | 7.27 | 1989 | Feb. 28 | 1,190 | 6.85 | 1994 | Mar. 27 | 1,820[2] | 7.40 |
| 1985 | Feb. 1 | 1,400 | 7.06 | 1990 | Feb. 16 | 3,310 | 8.20 | 1995 | Oct. 3 | 1,370 | 7.01 |

## 02401500 BIG CANOE CREEK NEAR GADSDEN

LOCATION.--Lat 33°54'11", long 86°06'37", in NW$^1/_4$ sec. 15, T. 13 S., R. 5 E., Etowah County, Hydrologic Unit 03150106, on U.S. Highway 411, 400 ft downstream from Rock Creek, 5 mi upstream from mouth, and 10 mi southwest of Gadsden.
DRAINAGE AREA.--253 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 490.56 ft NGVD 29.
REMARKS.--Since 1966, site affected by H. Neely Henry Reservoir.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1938 | Apr. 8 | 19,500 | 23.00 | 1948 | Feb. 9 | 5,840 | 15.20 | 1957 | Apr. 6 | 5,920 | 15.20 |
| 1939 | Feb. 28 | 4,640 | 13.80 | 1949 | Jan. 6 | 18,500 | 22.60 | 1958 | Sept. 21 | 6,690 | 15.90 |
| 1940 | Feb. 18 | 5,240 | 14.70 | 1950 | Mar. 14 | 11,300 | 19.20 | 1959 | Feb. 15 | 4,490 | 13.70 |
| 1941 | July 7 | 3,370 | 11.70 | 1951 | Mar. 30 | 15,400 | 21.40 | 1960 | Mar. 3 | 6,690 | 15.90 |
| 1942 | Feb. 17 | 8,300 | 17.30 | 1952 | Dec. 21 | 6,470 | 15.70 | 1961 | Feb. 23 | 20,300 | 23.58 |
| 1943 | Dec. 29 | 36,200 | 29.10 | 1953 | Jan. 10 | 7,520 | 16.60 | 1962 | Dec. 13 | 9,700 | 18.27 |
| 1944 | Mar. 29 | 7,800 | 16.95 | 1954 | Jan. 16 | 8,130 | 17.10 | 1963 | Jan. 20 | 4,900 | 14.22 |
| 1945 | Feb. 13 | 5,100 | 14.53 | 1955 | Feb. 6 | 6,690 | 15.94 | 1964 | Apr. 8 | 6,470 | 15.70 |
| 1946 | Feb. 10 | 13,600 | 20.20 | 1956 | Apr. 6 | 5,480 | 14.80 | 1965 | Feb. 12 | 4,250 | 13.34 |
| 1947 | Jan. 20 | 8,800 | 17.60 | | | | | | | | |

## 02404000 CHOCCOLOCCO CREEK NEAR JENIFER

LOCATION.--Lat 33°34'14", long 85°55'50", in NW$^1/_4$ sec. 8, T. 17 S., R. 7 E., Talladega County, Hydrologic Unit 03150106, 0.8 mi upstream from Salt Creek, and 1.5 mi north of Jenifer.
DRAINAGE AREA.--277 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 554.15 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1904 | Aug. 12 | 1,020 | 4.00 | 1944 | Mar. 30 | 5,200 | 8.82 | 1958 | Apr. 16 | 4,600 | 8.50 |
| 1905 | Feb. 9 | 4,400 | 8.00 | 1945 | May 15 | 3,200 | 7.03 | 1959 | June 1 | 3,300 | 7.30 |
| 1906 | Mar. 20 | 14,600 | 14.20 | 1946 | Jan. 7 | 12,800 | 13.56 | 1960 | Feb. 1 | 2,220 | 6.10 |
| 1907 | Feb. 1 | 5,740 | 9.10 | 1947 | Jan. 20 | 11,800 | 13.00 | 1961 | Feb. 22 | 15,800 | 15.12 |
| 1930 | Mar. 7 | 14,900 | 14.30 | 1948 | Feb. 9 | 6,100 | 9.50 | 1962 | Feb. 23 | 13,800 | 13.99 |
| 1931 | Nov. 18 | 2,250 | 5.75 | 1949 | Nov. 29 | 16,600 | 15.10 | 1963 | Apr. 30 | 22,500 | 17.68 |
| 1932 | Jan. 31 | 4,450 | 8.35 | 1950 | Mar. 15 | 2,020 | 5.70 | 1964 | Mar. 16 | 9,480 | 11.60 |
| 1936 | Feb. 4 | 21,900 | 17.20 | 1951 | Mar. 29 | 20,400 | 16.60 | 1965 | Mar. 24 | 3,070 | 6.96 |
| 1937 | Apr. 30 | 8,550 | 11.50 | 1952 | Mar. 23 | 9,770 | 11.70 | 1966 | Feb. 17 | 6,730 | 9.95 |
| 1938 | Apr. 8 | 18,800 | 16.00 | 1953 | Jan. 10 | 8,440 | 10.90 | 1967 | Aug. 25 | 21,600 | 17.47 |
| 1939 | Mar. 2 | 3,700 | 7.52 | 1954 | Jan. 17 | 7,950 | 10.60 | 1968 | May 16 | 20,000 | 16.82 |
| 1940 | July 13 | 6,200 | 9.60 | 1955 | Apr. 14 | 6,070 | 9.30 | 1969 | May 20 | 2,200 | 5.80 |
| 1941 | Mar. 22 | 1,550 | 5.01 | 1956 | Mar. 16 | 6,630 | 9.73 | 1970 | Mar. 20 | 14,400 | 14.48 |
| 1942 | Mar. 21 | 6,460 | 9.74 | 1957 | Apr. 5 | 11,800 | 12.90 | 1979 | Apr. 13 | 23,000[7] | 17.85 |
| 1943 | Mar. 21 | 7,030 | 10.17 | | | | | | | | |

## 02404400 CHOCCOLOCCO CREEK AT JACKSON SHOALS NEAR LINCOLN

LOCATION.--Lat 33°32'54", long 86°05'49", in SE$^1/_4$ sec. 15, T. 17 S., R. 5 E., Talladega County, Hydrologic Unit 03150106, at foot of Jackson Shoals, 1.8 mi downstream from Eastaboga Creek, and 4.5 mi southeast of Lincoln.
DRAINAGE AREA.--481 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 448.50 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1886 | -- | 70,000[2,7] | -- | | | | | | | | |
| 1961 | Feb. 22 | 25,900 | 36.78 | 1978 | Jan. 26 | 6,790 | 25.76 | 1991 | Feb. 20 | 7,170 | 25.98 |
| 1962 | Feb. 23 | 11,700 | 31.00 | 1979 | Apr. 13 | 30,100 | 37.76 | 1992 | Feb. 26 | 5,410 | 24.55 |
| 1963 | Apr. 30 | 36,900 | 39.98 | 1980 | Apr. 13 | 10,400 | 28.45 | 1993 | Jan. 12 | 10,100 | 28.05 |
| 1964 | Mar. 15 | 15,200 | 31.80 | 1981 | Feb. 10 | 6,000 | 25.12 | 1994 | Apr. 16 | 8,890 | 27.24 |
| 1965 | Feb. 12 | 4,720 | 24.01 | 1982 | Feb. 3 | 12,000 | 29.59 | 1995 | Mar. 8 | 9,790 | 27.86 |
| 1966 | Feb. 17 | 10,700 | 28.66 | 1983 | Feb. 2 | 8,860 | 27.33 | 1996 | Oct. 5 | 18,100 | 32.48 |
| 1967 | Aug. 26 | 21,600 | 34.65 | 1984 | Dec. 6 | 14,200 | 30.91 | 1997 | June 14 | 16,000 | 31.39 |
| 1968 | May 16 | 16,800 | 32.28 | 1985 | Feb. 5 | 4,560[E] | 23.58 | 1998 | Mar. 8 | 10,000 | 28.02 |
| 1969 | May 9 | 3,670 | 23.00 | 1986 | Aug. 28 | 1,530 | 20.28 | 1999 | Jan. 23 | 3,670 | 22.92 |
| 1970 | Mar. 20 | 23,500 | 35.97 | 1987 | Feb. 28 | 8,070 | 26.66 | 2000 | Apr. 4 | 8,220 | 26.76 |
| 1971 | Mar. 2 | 7,230 | 26.10 | 1988 | Jan. 20 | 5,410 | 24.55 | 2001 | Apr. 4 | 16,000 | 31.38 |
| 1975 | July 7 | 9,950 | 28.11 | 1989 | Mar. 6 | 7,700 | 26.38 | 2002 | Jan. 25 | 6,170 | 25.19 |
| 1976 | Mar. 16 | 31,600 | 38.25 | 1990 | Mar. 17 | 27,400 | 36.67 | 2003 | May 8 | 27,700 | 36.79 |
| 1977 | Mar. 30 | 35,800 | 39.54 | | | | | | | | |

## 02404500 CHOCCOLOCCO CREEK NEAR LINCOLN

LOCATION.--Lat 33°33'38", long 86°07'35", in SW$^1/_4$ sec.9, T. 17 S., R. 5 E., Talladega County, Hydrologic Unit 03150106, on State Highway 77, 4 mi south of Lincoln, 6 mi upstream from mouth, and 8 mi north of Talladega.
DRAINAGE AREA.--496 mi$^2$.
GAGE.--Water-stage recorder 1939-53. Crest-stage gage 1954-63. Datum of gage is 448.46 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1886 | -- | 70,000 [7] | 27.50 | 1947 | Jan. 20 | 23,600 | 21.00 | 1956 | Mar. 16 | 12,500 | 17.00 |
| 1939 | Feb. 28 | 9,090 | 13.97 | 1948 | Feb. 9 | 9,800 | 14.40 | 1957 | Apr. 5 | 17,900 | 19.40 |
| 1940 | July 13 | 7,510 | 11.60 | 1949 | Nov. 28 | 24,100 | 21.10 | 1958 | Feb. 8 | 6,610 | 10.90 |
| 1941 | Aug. 13 | 4,840 | 8.54 | 1950 | Feb. 10 | 3,430 | 7.10 | 1959 | June 1 | 3,220 | 6.80 |
| 1942 | Mar. 21 | 17,700 | 19.73 | 1951 | Mar. 29 | 49,300 | 25.50 | 1960 | Feb. 1 | 3,670 | 7.40 |
| 1943 | Mar. 21 | 11,600 | 16.16 | 1952 | Mar. 23 | 13,200 | 17.40 | 1961 | Feb. 22 | 25,700 | 22.09 |
| 1944 | Mar. 29 | 9,130 | 13.73 | 1953 | Jan. 10 | 11,800 | 16.40 | 1962 | Feb. 23 | 13,800 | 17.68 |
| 1945 | May 13 | 5,030 | 9.13 | 1954 | Jan. 17 | 7,780 | 12.20 | 1963 | Apr. 30 | 35,900 | 23.42 |
| 1946 | Jan. 7 | 27,700 | 21.88 | 1955 | Apr. 13 | 13,200 | 17.40 | 1977 | Mar. 30 | 36,000[2,7] | |

## 02405500 KELLY CREEK NEAR VINCENT

LOCATION.--Lat 33°26'51", long 86°23'13", in SW$^1/_4$ sec. 24, T. 18 S., R. 2 E., Shelby County, Hydrologic Unit 03150106, on U.S. Highway 231, 1.5 mi downstream from Little Creek, 4.2 mi north of Vincent, and 5 mi upstream from mouth.
DRAINAGE AREA.--193 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 404.09 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1952 | Dec. 21 | 8,770 | 19.51 | 1965 | Feb. 13 | 3,000 | 11.40 | 1992 | Feb. 26 | 4,210 | 13.50 |
| 1953 | Jan. 10 | 9,970 | 20.50 | 1966 | Feb. 14 | 7,100 | 17.80 | 1993 | Jan. 13 | 5,610 | 15.79 |
| 1954 | Jan. 17 | 7,190 | 17.88 | 1967 | May 6 | 2,950 | 11.53 | 1994 | Sept. 24 | 4,450 | 13.90 |
| 1955 | Feb. 7 | 10,500 | 20.86 | 1968 | Mar. 13 | 8,270 | 19.03 | 1995 | Dec. 5 | 5,120 | 15.05 |
| 1956 | Mar. 16 | 6,000 | 16.53 | 1969 | Dec. 23 | 4,580 | 14.47 | 1996 | Mar. 8 | 11,000 | 21.98 |
| 1957 | Apr. 5 | 9,840 | 20.40 | 1970 | Mar. 20 | 16,100 | 23.69 | 1997 | June 23 | 5,960 | 16.42 |
| 1958 | Feb. 7 | 5,040 | 15.24 | 1979 | Apr. 13 | 33,400 [7] | 27.39 | 1998 | Jan. 8 | 6,790 | 17.69 |
| 1959 | Jan. 22 | 3,730 | 12.90 | 1987 | Jan. 19 | 7,020 | 17.72 | 1999 | June 29 | 5,830 | 16.21 |
| 1960 | Mar. 3 | 3,880 | 13.20 | 1988 | Jan. 20 | 3,300 | 11.48 | 2000 | Apr. 4 | 10,700 | 21.79 |
| 1961 | Feb. 22 | 30,900 | 27.08 | 1989 | June 22 | 8,070 | 19.18 | 2001 | Apr. 4 | 8,540 | 19.75 |
| 1962 | Dec. 13 | 13,700 | 22.80 | 1990 | Feb. 16 | 18,700 | 25.31 | 2002 | Jan. 25 | 5,140 | 15.63 |
| 1963 | Apr. 30 | 8,850 | 19.90 | 1991 | Feb. 21 | 6,710 | 17.58 | 2003 | May 8 | 11,400 | 22.71 |
| 1964 | Apr. 7 | 6,940 | 18.65 | | | | | | | | |

## 02406500 TALLADEGA CREEK AT ALPINE

LOCATION.--Lat 33°21'34", long 86°14'03", in SW$^1/_4$ sec. 21, T. 19 S., R. 4 E., Talladega County, Hydrologic Unit 03150106, on county road 207, 1 mi north of Alpine, 9 mi southwest of Talladega, and 11.0 mi upstream from mouth.
DRAINAGE AREA.--150 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 431.24 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1939 | Feb. 28 | 3,760 | 12.84 | 1956 | Mar. 16 | 12,100 | 14.60 | 1988 | Jan. 20 | 3,250 | 12.13 |
| 1940 | July 13 | 5,500 | 13.20 | 1957 | Apr. 5 | 12,700 | 14.70 | 1989 | Apr. 5 | 3,410 | 12.30 |
| 1941 | Mar. 21 | 2,140 | 10.58 | 1958 | Feb. 6 | 5,900 | 13.30 | 1990 | Mar. 17 | 13,000 | 14.72 |
| 1942 | Mar. 21 | 17,000 | 15.21 | 1959 | Jan. 22 | 1,480 | 9.00 | 1991 | Feb. 20 | 4,110 | 12.68 |
| 1943 | Apr. 19 | 6,500 | 13.42 | 1960 | Jan. 31 | 1,410 | 8.80 | 1992 | Feb. 26 | 1,790 | 9.92 |
| 1944 | Mar. 29 | 3,460 | 12.60 | 1961 | Feb. 22 | 12,200 | 14.63 | 1993 | Nov. 5 | 4,040 | 12.63 |
| 1945 | May 13 | 3,160 | 12.31 | 1962 | Dec. 18 | 8,400 | 13.85 | 1994 | Apr. 16 | 3,400 | 12.16 |
| 1946 | Jan. 7 | 15,000 | 14.99 | 1963 | Mar. 13 | 8,300 | 13.81 | 1995 | Feb. 11 | 9,950 | 14.19 |
| 1947 | Jan. 20 | 14,700 | 14.89 | 1964 | Apr. 15 | 8,350 | 13.82 | 1996 | Oct. 5 | 10,100 | 14.21 |
| 1948 | Mar. 23 | 7,200 | 13.64 | 1965 | Feb. 13 | 2,300 | 10.90 | 1997 | Mar. 1 | 6,560 | 13.45 |
| 1949 | Nov. 28 | 9,000 | 14.00 | 1966 | Feb. 16 | 5,100 | 13.00 | 1998 | Feb. 4 | 4,920 | 12.96 |
| 1950 | Mar. 13 | 2,200 | 10.74 | 1967 | May 23 | 2,750 | 11.74 | 1999 | Jan. 23 | 1,470 | 9.10 |
| 1951 | Mar. 21 | 39,000 | 16.60 | 1968 | Apr. 5 | 7,300 | 13.68 | 2000 | Apr. 4 | 5,860 | 13.26 |
| 1952 | Dec. 21 | 6,000 | 13.36 | 1969 | Mar. 24 | 1,610 | 9.36 | 2001 | Apr. 4 | 9,950 | 14.19 |
| 1953 | Jan. 8 | 3,080 | 12.20 | 1970 | Mar. 19 | 14,800 | 14.95 | 2002 | Dec. 20 | 3,400 | 12.13 |
| 1954 | Jan. 23 | 980 | 7.38 | 1979 | Apr. 13 | 14,400 | 14.81 | 2003 | May 8 | 15,300 | 15.05 |
| 1955 | Apr. 13 | 10,100 | 14.30 | | | | | | | | |

## 02407000 COOSA RIVER AT CHILDERSBURG

LOCATION.--Lat 33°17'30", long 86°21'50", in NE$^1/_4$ sec. 18, T. 20 S., R. 3 E., Shelby County, Hydrologic Unit 03150107, on State Highway 38, 0.5 mi downstream from Tallasseehatchee Creek, 1 mi northwest of Childersburg, and at mile 86.3.

DRAINAGE AREA.--8,392 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 382.45 ft NGVD 29.

REMARKS.--Since December 1949, flow regulated by Allatoona Reservoir, since April 1961 by Weiss Reservoir, since July 1964 by Logan Martin Reservoir, and since April 1966 by H. Neely Henry Reservoir.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1916 | July 11 | 121,000 | 24.70 | 1950 | Mar. 15 | 78,400 | 19.10 | 1984 | Dec. 6 | 85,900 | 21.82 |
| 1917 | Mar. 5 | 95,700 | 20.80 | 1951 | Mar. 30 | 146,000 | 30.10 | 1985 | Feb. 6 | 59,000 [E] | -- |
| 1918 | Jan. 31 | 68,700 | 16.10 | 1952 | Dec. 22 | 86,200 | 21.00 | 1986 | Feb. 18 | 31,700 [E] | 15.97 |
| 1919 | Oct. 31 | 95,500 | 20.70 | 1953 | Jan. 11 | 85,100 | 20.85 | 1987 | Feb. 28 | 63,700 | 19.31 |
| 1920 | Dec. 10 | 116,000 | 24.00 | 1954 | Jan. 18 | 72,200 | 18.45 | 1988 | Jan. 21 | 48,300 | 17.31 |
| 1921 | Feb. 12 | 92,500 | 20.30 | 1955 | Apr. 14 | 72,800 | 18.50 | 1989 | June 22 | 84,600 | 21.53 |
| 1922 | Mar. 11 | 96,400 | 20.90 | 1956 | Mar. 17 | 75,400 | 19.15 | 1990 | Mar. 17 | 110,000 | 24.62 |
| 1923 | Feb. 14 | 86,900 | 19.40 | 1957 | Apr. 6 | 90,900 | 21.90 | 1991 | Feb. 22 | 63,700 | 19.42 |
| 1924 | Apr. 21 | 53,600 | 14.48 | 1958 | Nov. 23 | 49,200 | 14.10 | 1992 | Feb. 26 | 56,800 | 18.50 |
| 1925 | Jan. 19 | 89,000 | 20.90 | 1959 | Feb. 16 | 44,400 | 13.08 | 1992 | Nov. 05 | 64,300 | 18.80 |
| 1926 | Jan. 22 | 54,800 | 14.64 | 1960 | Mar. 4 | 51,600 | 14.60 | 1994 | Apr. 16 | 64,900 | 19.05 |
| 1927 | Feb. 14 | 71,600 | 17.80 | 1961 | Feb. 23 | 140,000 | 30.41 | 1995 | Mar. 08 | 66,000 | 19.02 |
| 1928 | Apr. 24 | 83,000 | 19.80 | 1962 | Dec. 19 | 98,500 | 23.17 | 1996 | Feb. 02 | 90,000 | 22.45 |
| 1929 | Mar. 16 | 114,000 | 24.84 | 1963 | May 1 | 88,600 | 21.49 | 1997 | Mar. 03 | -- | 19.58 |
| 1930 | Nov. 18 | 101,000 | 22.81 | 1964 | Apr. 7 | 84,600 | 20.81 | 1998 | Mar. 09 | -- | 20.05 |
| 1931 | Nov. 19 | 51,100 | 13.94 | 1965 | Feb. 12 | 60,000 | 15.40 | 1999 | Jan. 26 | -- | 17.15 |
| 1932 | Feb. 3 | 71,700 | 17.85 | 1966 | Feb. 17 | 76,000 | 18.60 | 2000 | Apr. 4 | -- | 21.54 |
| 1933 | Dec. 18 | 110,000 | 24.30 | 1967 | Aug.22 | 57,200 | 14.83 | 2001 | Apr. 4 | -- | 19.46 |
| 1934 | Mar 4 | 92,400 | 22.40 | 1968 | Jan. 11 | 68,000 [1] | -- | 2002 | Jan. 26 | -- | 18.79 |
| 1935 | Oct. 11 | 75,000 | 18.90 | 1969 | May 20 | 55,900 | 18.04 | 2003 | May 09 | -- | 24.96 |
| 1936 | Feb. 5 | 130,000 | 28.50 | 1970 | Mar. 20 | 94,600 [1] | -- | | | | |
| 1937 | Jan. 4 | 94,200 | 22.50 | 1971 | Mar. 3 | 54,800 [1] | 19.82 [2] | | | | |
| 1938 | Apr. 9 | 136,000 | 30.03 | 1972 | Jan. 13 | 55,800 [1] | -- | | | | |
| 1939 | Mar. 7 | 67,500 | 17.86 | 1973 | Apr. 26 | 54,800 [1] | -- | | | | |
| 1940 | Feb. 19 | 48,200 | 14.00 | 1974 | Apr. 5 | 55,300 [1] | -- | | | | |
| 1941 | Aug. 13 | 32,700 | 10.57 | 1975 | Jan. 26 | 54,500 [1] | -- | | | | |
| 1942 | Mar. 22 | 85,100 | 21.20 | 1976 | Jan. 26 | 78,400 | -- | | | | |
| 1943 | Dec. 30 | 116,000 | 26.40 | 1977 | Apr. 6 | 104,000 [1] | -- | | | | |
| 1944 | Mar. 30 | 92,700 | 22.30 | 1978 | May 9 | 56,000 [1] | -- | | | | |
| 1945 | Feb. 18 | 49,700 | 14.20 | 1979 | Apr. 14 | 150,000 | 28.99 | | | | |
| 1946 | Feb. 12 | 113,000 | 25.80 | 1980 | Mar. 21 | 99,500 | 22.92 | | | | |
| 1947 | Jan. 21 | 127,000 | 26.95 | 1981 | Feb. 12 | 52,300 | 17.96 | | | | |
| 1948 | Feb. 10 | 83,100 | 19.88 | 1982 | Feb. 4 | 62,600 | 19.60 | | | | |
| 1949 | Nov. 30 | 136,000 | 28.30 | 1983 | May 21 | 81,000 | 21.27 | | | | |

## 02407500 YELLOWLEAF CREEK NEAR WILSONVILLE

LOCATION.--Lat 33°18'23", long 86°33'04", in NW$^1/_4$ sec. 9, T. 20 S., R. 1 E., Shelby County, Hydrologic Unit 03150107, on county road, 3.5 mi south of U.S. Highway 280, 4 mi upstream from Muddy Prong, and 6 mi northwest of Wilsonville.
DRAINAGE AREA.--96.5 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 430.56 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Mar. 29 | 19,300 | 23.85 | 1958 | Feb. 7 | 2,200 | 16.40 | 1965 | Feb. 13 | 1,400 | 13.41 |
| 1952 | Dec. 22 | 4,190 | 19.60 | 1959 | Jan. 22 | 982 | 11.20 | 1966 | Feb. 14 | 3,260 | 18.67 |
| 1953 | Jan. 9 | 3,590 | 19.10 | 1960 | Mar. 16 | 1,010 | 11.38 | 1967 | Nov. 11 | 1,120 | 11.93 |
| 1954 | Jan. 17 | 1,050 | 11.30 | 1961 | Feb. 21 | 26,700[7] | 25.20 | 1968 | Jan. 11 | 1,960 | 15.60 |
| 1955 | Apr. 14 | 3,210 | 18.60 | 1962 | Feb. 23 | 3,390 | 18.86 | 1969 | Jan. 20 | 3,030 | 18.30 |
| 1956 | Mar. 16 | 3,280 | 18.68 | 1963 | June 23 | 5,300[1,3] | 28.31 | 1970 | Mar. 19 | 8,820 | 21.47 |
| 1957 | Apr. 5 | 4,050 | 19.50 | 1964 | Apr. 7 | 2,690 | 17.64 | 1979 | Apr. 13 | 16,200 | 23.17 |

## 02407680 WAXAHATCHEE CREEK NEAR COLUMBIANA

LOCATION.--Lat 33°10'49", long 86°39'08", in NW$^1/_4$ sec. 28, T. 21 S., R. 1 W., Shelby County, Hydrologic Unit 03150107, 3.0 mi west of Columbiana along State Highway 70.
DRAINAGE AREA.--32.9 mi$^2$.
GAGE.--Crest-stage gage. Datum not available.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1972 | Jan. 11 | 3,200 | 10.39 | 1976 | Mar. 16 | 5,610 | 13.51 | 1980 | May 18 | 2,080 | 8.96 |
| 1973 | Mar. 31 | 2,460 | 9.23 | 1977 | Mar. 29 | 8,320 | 16.32 | 1981 | Apr. 1 | 2,670 | 9.61 |
| 1974 | Dec. 27 | 3,370 | 10.71 | 1978 | -- | 1,520[A,B] | -- | 1982 | Apr. 25 | 4,150[E] | 11.69 |
| 1975 | Sept. 23 | 2,300 | 8.90 | 1979 | Apr. 13 | 7,900 | 15.90 | | | | |

## 02408500 HATCHET CREEK NEAR ROCKFORD

LOCATION.--Lat 32°56'42", long 86°13'06", in NE$^1/_4$ sec. 36, T. 23 N., R. 18 E., Coosa County, Hydrologic Unit 03150107, on county road, 1 mi downstream from U.S. Highway 231, 1.5 mi downstream from Socapatoy Creek, and 4 mi north of Rockford.
DRAINAGE AREA.--233 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 449 ft NGVD 29. Prior to Sept. 30, 1964, at same site and at datum 1.00 ft higher.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1945 | Apr. 25 | 13,300 | 20.80 | 1957 | Apr. 5 | 16,000 | 21.90 | 1969 | Apr. 18 | 4,750 | 13.06 |
| 1946 | Jan. 6 | 22,800 | 24.90 | 1958 | Feb. 6 | 4,550 | 12.70 | 1970 | Mar. 20 | 9,140 | 18.40 |
| 1947 | Jan. 20 | 11,000 | 19.60 | 1959 | Jan. 22 | 4,550 | 12.60 | 1971 | Mar. 3 | 10,400 | 19.59 |
| 1948 | Mar. 23 | 7,500 | 16.80 | 1960 | Mar. 30 | 4,650 | 12.80 | 1972 | Jan. 11 | 18,800 | 22.83 |
| 1949 | Nov. 27 | 11,800 | 20.10 | 1961 | Mar. 31 | 8,800 | 18.15 | 1973 | May 8 | 14,500 | 21.28 |
| 1950 | May 3 | 4,320 | 12.20 | 1962 | Dec. 18 | 11,300 | 19.87 | 1974 | Feb. 15 | 6,010 | 15.00 |
| 1951 | Mar. 29 | 15,750 | 21.70 | 1963 | Mar. 13 | 7,500 | 16.92 | 1975 | Apr. 3 | 7,020 | 16.23 |
| 1952 | Dec. 21 | 9,200 | 18.42 | 1964 | Apr. 6 | 18,200 | 22.52 | 1976 | Jan. 26 | 20,500 | 23.46 |
| 1953 | Apr. 30 | 5,750 | 15.20 | 1965 | Jan. 23 | 3,860 | 11.30 | 1977 | Mar. 30 | 15,600 | 21.72 |
| 1954 | Apr. 16 | 2,450 | 8.10 | 1966 | Feb. 13 | 7,880 | 17.37 | 1978 | Jan. 25 | 5,580 | 14.39 |
| 1955 | Apr. 13 | 9,700 | 18.82 | 1967 | Oct. 18 | 4,430 | 12.44 | 1979 | Apr. 13 | 60,000[2] | 31.83 |
| 1956 | Mar. 16 | 13,300 | 20.73 | 1968 | Apr. 5 | 9,210 | 18.46 | | | | |

## 02408540 HATCHET CREEK BELOW ROCKFORD

LOCATION.--Lat 32°55'00", long 86°16'13", in SE$^1/_4$ sec. 4, T. 22 N., R. 18 E., Coosa County, Hydrologic Unit 03150107, on county road, 2.1 mi downstream from Jack Creek, and 4 mi northwest of Rockford.
DRAINAGE AREA.--263 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 377 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1979 | Apr. 13 | 65,000[2,7] | -- | 1988 | Sept. 17 | 21,200 | 24.40 | 1996 | Oct. 5 | 27,800 | 27.90 |
| 1981 | Feb. 10 | 10,800 | 16.48 | 1989 | June 19 | 12,800 | 18.53 | 1997 | Feb 28 | 12,000 | 17.94 |
| 1982 | Feb. 3 | 23,500 | 25.65 | 1990 | Feb. 16 | 26,200 | 27.10 | 1998 | Mar. 8 | 15,300 | 20.32 |
| 1983 | Apr. 8 | 15,200 | 19.69 | 1991 | Feb. 20 | 3,880 | 9.43 | 1999 | Jan. 31 | 6,760 | 13.11 |
| 1984 | Dec. 3 | 16,200 | 20.41 | 1992 | Feb. 25 | 6,590 | 12.91 | 2000 | Apr. 4 | 4,090 | 9.72 |
| 1985 | Feb. 5 | 4,500 | 10.50 | 1993 | Dec. 17 | 11,300 | 17.35 | 2001 | Mar. 20 | 9,160 | 15.55 |
| 1986 | Dec. 13 | 2,020 | 6.84 | 1994 | Apr. 16 | 10,900 | 17.03 | 2002 | Jan. 25 | 3,250 | 8.57 |
| 1987 | Jan. 19 | 7,820 | 14.31 | 1995 | Mar. 8 | 7,230 | 13.68 | 2003 | May 8 | 10,700 | 16.85 |

## 02409000 WEOGUFKA CREEK NEAR WEOGUFKA

LOCATION.--Lat 32°59'01", long 86°18'26", in NE$^1/_4$ sec. 18, T. 23 N., R. 18 E., Coosa County, Hydrologic Unit 03150107, on county road, 2 mi south of Weogufka and 6 mi upstream from Phinikochika Creek.
DRAINAGE AREA.--73.4 mi$^2$.
GAGE.--Water-stage recorder 1951-58. Crest-stage gage 1959-70. Datum of gage is 593.08 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Mar. 29 | 24,200 | 16.80 | 1958 | Feb. 7 | 1,800 | 9.45 | 1965 | Jan. 23 | 1,600 | 9.06 |
| 1952 | Dec. 21 | 3,220 | 11.00 | 1959 | Jan. 21 | 1,680 | 9.20 | 1966 | Feb. 13 | 3,250 | 11.03 |
| 1953 | Apr. 30 | 2,700 | 10.50 | 1960 | Mar. 30 | 1,370 | 8.60 | 1967 | Aug. 24 | 4,420 | 11.88 |
| 1954 | Mar. 27 | 838 | 7.20 | 1961 | Feb. 25 | 3,130 | 10.92 | 1968 | Apr. 5 | 13,700 | 15.08 |
| 1955 | Apr. 14 | 5,100 | 12.30 | 1962 | Dec. 18 | 5,420 | 12.46 | 1969 | Jan. 20 | 1,480 | 8.83 |
| 1956 | Mar. 16 | 4,450 | 11.93 | 1963 | Apr. 30 | 2,310 | 10.08 | 1970 | Mar. 19 | 1,100 | 7.95 |
| 1957 | Apr. 5 | 6,600 | 13.00 | 1964 | Apr. 6 | 8,260 | 13.62 | 1979 | Apr. 13 | 15,200[7] | 15.41 |

## 02409540 PROCTOR CREEK NEAR ROCKFORD

LOCATION.--Lat 32°49'08", long 86°21'52", in SW$^1/_4$ sec. 9, T. 21 N., R. 17 E., Coosa County, Hydrologic Unit 03150107, at culvert on State Highway 22, 10 mi west of Rockford
DRAINAGE AREA.—1.01 mi$^2$.
GAGE.-- Crest-stage gage. Datum not available.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1972 | Jan. 10 | 451 | 4.59 | 1976 | Jan. 26 | 990 | 8.38 | 1979 | Mar. 4 | 981 | 8.33 |
| 1973 | May 8 | 605 | 5.81 | 1977 | Mar. 29 | 372 | 3.93 | 1980 | Jan. 11 | 463 | 4.69 |
| 1974 | -- | 320[4] | -- | 1978 | -- | 320[4] | -- | 1981 | Apr. 1 | 623 | 5.95 |
| 1975 | Apr. 2 | 790 | 7.13 | | | | | | | | |

## 02410000 PATERSON CREEK NEAR CENTRAL

LOCATION.--Lat 32°40'54", long 86°07'40", in SE$^1/_4$ sec. 26, T. 20 N., R. 19 E., Elmore County, Hydrologic Unit 03150107, on county road, 2 mi west of Central, and 11 mi northeast of Wetumpka.
DRAINAGE AREA.--4.91 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 440 ft NGVD 29 (by barometer).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1952 | Mar. 3 | 604 | 5.40 | 1965 | Jan. 23 | 863 | 7.25 | 1977 | Mar. 12 | 228 | 2.76 |
| 1953 | Apr. 29 | 716 | 6.20 | 1966 | Mar. 3 | 729 | 6.29 | 1978 | Jan. 25 | 645 | 5.67 |
| 1954 | June 2 | 258 | 3.28 | 1967 | Oct. 9 | 618 | 5.50 | 1979 | Apr. 13 | 1,110 | 8.12 |
| 1955 | Feb. 6 | 410 | 4.20 | 1968 | Apr. 5 | 477 | 4.50 | 1980 | Mar. 8 | 449 | 4.32 |
| 1956 | Apr. 5 | 640 | 5.50 | 1969 | Aug. 2 | 4,310 | 10.10 | 1981 | Apr. 1 | 918 | 7.47 |
| 1957 | Apr. 4 | 828 | 7.00 | 1970 | Mar. 19 | 396 | 3.97 | 1982 | Feb. 2 | 660 | 5.80 |
| 1958 | Feb. 6 | 856 | 7.20 | 1971 | Mar. 3 | 715 | 5.39 | 1983 | Apr. 4 | 1,250 | 7.73 |
| 1959 | June 6 | 204 | 2.85 | 1972 | Jan. 11 | 472 | 4.47 | 1984 | Aug. 2 | 1,140 | 7.19 |
| 1960 | Mar. 29 | 856 | 7.16 | 1973 | May 28 | 446 | 4.29 | 1985 | Feb. 5 | 246 [E] | 2.83 |
| 1961 | Feb. 25 | 1,770 | 9.10 | 1974 | Jan. 20 | 228 | 2.92 | 1986 | Mar. 13 | 633 | 4.73 |
| 1962 | Dec. 10 | 1,500 | 8.84 | 1975 | Apr. 2 | 1,200 | 8.40 | 1987 | Feb. 15 | 548 | 4.27 |
| 1963 | June 23 | 393 | 3.95 | 1976 | Mar. 13 | 604 | 5.56 | 1988 | Sept.16 | 662 | 4.88 |
| 1964 | Apr. 6 | 1,010 | 7.82 | | | | | | | | |

## 02412000 TALLAPOOSA RIVER NEAR HEFLIN

LOCATION.--Lat 33°37'22", long 85°30'48", in NW$^1/_4$ sec. 20, T. 16 S., R. 11 E., Cleburne County, Hydrologic Unit 03150108, 2.2 mi upstream from Cane Creek, 4 mi southeast of Heflin, and at mile 186.8.
DRAINAGE AREA.--448 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 830 ft NGVD 29 (by barometer).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1953 | Jan. 10 | 8,110 | 20.40 | 1970 | Mar. 21 | 13,700 | 24.21 | 1987 | Mar. 1 | 6,770 | 17.20 |
| 1954 | Jan. 18 | 7,020 | 19.00 | 1971 | Mar. 3 | 6,400 | 17.96 | 1988 | Jan. 21 | 5,520 | 14.91 |
| 1955 | Apr. 14 | 4,770 | 14.67 | 1972 | Jan. 12 | 9,470 | 21.08 | 1989 | June 23 | 6,680 | 17.03 |
| 1956 | Mar. 17 | 6,840 | 18.70 | 1973 | Mar. 18 | 8,160 | 19.65 | 1990 | Mar. 18 | 24,000 | 28.33 |
| 1957 | Apr. 5 | 9,140 | 21.40 | 1974 | Jan. 2 | 9,600 | 21.20 | 1991 | Feb. 21 | 6,750 | 17.16 |
| 1958 | Feb. 7 | 4,820 | 14.80 | 1975 | Sept. 25 | 7,780 | 19.12 | 1992 | Feb. 27 | 6,670 | 17.01 |
| 1959 | June 1 | 6,840 | 18.70 | 1976 | Mar. 16 | 14,200 | 24.33 | 1993 | Jan. 13 | 6,630 | 16.95 |
| 1960 | Feb. 1 | 4,950 | 15.07 | 1977 | Mar. 31 | 32,500 | 31.34 | 1994 | July 28 | 5,880 | 15.60 |
| 1961 | Feb. 22 | 19,300 | 26.39 | 1978 | Nov. 8 | 7,670 | 18.96 | 1995 | Feb. 18 | 7,930 | 19.20 |
| 1962 | Feb. 24 | 9,100 | 21.34 | 1979 | Mar. 5 | 23,100 | 28.05 | 1996 | Oct. 6 | 12,600 | 23.37 |
| 1963 | Apr. 30 | 11,400 | 22.95 | 1980 | Apr. 15 | 8,300 | 19.82 | 1997 | Mar. 1 | 8,920 | 20.51 |
| 1964 | Mar. 16 | 8,690 | 20.29 | 1981 | Feb. 12 | 6,080 | 16.64 | 1998 | Mar. 9 | 9,800 | 21.38 |
| 1965 | Apr. 6 | 4,320 | 13.36 | 1982 | Feb. 4 | 19,100 | 26.34 | 1999 | July 1 | 4,400 | 12.55 |
| 1966 | Feb. 17 | 6,710 | 17.43 | 1983 | Apr. 10 | 8,130 | 19.59 | 2000 | Apr. 4 | 5,740 | 15.33 |
| 1967 | Aug. 26 | 10,000 | 22.02 | 1984 | Dec. 7 | 10,500 | 21.96 | 2001 | Mar. 21 | 7,220 | 18.03 |
| 1968 | May 16 | 17,100 | 25.65 | 1985 | Feb. 1 | 4,810 | 13.51 | 2002 | Mar. 31 | 5,360 | 14.58 |
| 1969 | Apr. 16 | 3,940 | 12.85 | 1986 | Dec. 13 | 1,910 | 7.71 | 2003 | May 8 | 12,900 | 23.55 |

## 02412065 CANE CREEK AT ALABAMA HIGHWAY 46 NEAR HEFLIN

LOCATION.--Lat 33°39'13", long 85°31'54", in NW$^1/_4$ sec. 7, T. 16 S., R. 11 E., Cleburne County, Hydrologic Unit 03150108, on Alabama Highway 46, 3.5 mi east of Heflin, and approximately 3.0 mi above mouth.

DRAINAGE AREA.--52.8 mi$^2$.

GAGE.--Crest-stage gage. Datum not available.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1972 | Jan. 11 | 3,600 | 10.73 | 1976 | Mar. 16 | 4,200 | 11.10 | 1980 | Apr. 15 | 2,600 | 10.12 |
| 1973 | Dec. 16 | 4,750 | 11.37 | 1977 | Mar. 29 | 8,600 | 12.55 | 1981 | Feb. 11 | 2,150 | 9.67 |
| 1974 | Jan. 2 | 3,700 | 10.80 | 1978 | Nov. 6 | 2,500 | 9.98 | 1982 | Feb. 3 | 3,300$^E$ | 10.61 |
| 1975 | Sept. 23 | 4,700 | 11.30 | 1979 | Mar. 4 | 5,800 | 11.76 | | | | |

## 02412500 TALLAPOOSA RIVER NEAR OFELIA

LOCATION.--Lat 33°19'34", long 85°35'31", in SW$^1/_4$ sec. 34, T. 19 S., R. 10 E., Randolph County, Hydrologic Unit 03150108, 1 mi northeast of Ofelia, 1.5 mi upstream from Little Tallapoosa River, and 9 mi east of Lineville.

DRAINAGE AREA.--792 mi$^2$.

GAGE.--Water-stage recorder 1939-51. Crest-stage gage 1952-70. Datum of gage is 665 ft NGVD 29 (from topographic map).

REMARKS.--Since 1982, site affected by Harris Dam.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1920 | Dec. -- | 41,000 [2,7] | 21.00 | 1949 | Nov. 29 | 24,500 | 16.20 | 1960 | Jan. 31 | 7,020 | 7.50 |
| 1939 | Mar. 2 | 8,690 | 8.80 | 1950 | Feb. 10 | 5,530 | 6.40 | 1961 | Feb. 23 | 22,400 | 15.42 |
| 1940 | Mar. 14 | 8,460 | 8.71 | 1951 | Mar. 29 | 16,600 | 13.00 | 1962 | Dec. 15 | 16,300 | 12.84 |
| 1941 | July 12 | 3,990 | 4.94 | 1952 | Dec. 21 | 19,600 | 14.30 | 1963 | Apr. 30 | 38,000 | 20.40 |
| 1942 | Mar. 21 | 20,500 | 14.62 | 1953 | Jan. 9 | 13,700 | 11.50 | 1964 | Apr. 17 | 15,900 | 12.64 |
| 1943 | Mar. 21 | 16,900 | 12.92 | 1954 | Jan. 18 | 7,470 | 7.80 | 1965 | Dec. 27 | 6,420 | 7.08 |
| 1944 | Apr. 11 | 14,900 | 11.87 | 1955 | Apr. 15 | 8,590 | 8.50 | 1966 | Feb. 16 | 12,000 | 10.58 |
| 1945 | Apr. 25 | 8,530 | 8.40 | 1956 | Mar. 18 | 21,900 | 15.20 | 1967 | Aug. 26 | 17,900 | 13.60 |
| 1946 | Jan. 6 | 21,200 | 14.92 | 1957 | Apr. 5 | 21,400 | 15.00 | 1968 | May 16 | 26,000 | 16.70 |
| 1947 | Jan. 20 | 22,100 | 15.34 | 1958 | Apr. 16 | 9,550 | 9.10 | 1969 | May 19 | 5,980 | 6.75 |
| 1948 | Mar. 23 | 14,500 | 11.90 | 1959 | Jan. 22 | 3,880 | 4.90 | 1970 | Mar. 4 | 23,700 | 15.90 |

## 02413300 LITTLE TALLAPOOSA RIVER NEAR NEWELL

LOCATION.--Lat 33°26'14", long 85°23'57", in SW$^1/_4$ sec. 21, T. 18 S., R. 12 E., Randolph County, Hydrologic Unit 03150108, on county highway 82, 1.0 mi upstream from Cut Nose Creek, and 2.0 mi east of Newell.
DRAINAGE AREA.--406 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 842.92 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | Mar. 16 | 14,100 | 18.18 | 1986 | Dec. 14 | 1,840 [2] | 6.50 | 1995 | Feb. 11 | 11,200 | 17.11 |
| 1977 | Mar. 30 | 8,510 | 15.82 | 1987 | Jan. 19 | 6,610 | 13.06 | 1996 | Oct. 5 | 13,500 | 18.03 |
| 1978 | Jan. 25 | 6,610 | 13.89 | 1988 | Jan. 20 | 3,650 | 9.30 | 1997 | Feb. 28 | 9,220 | 15.60 |
| 1979 | Apr. 13 | 12,700 | 17.80 | 1989 | June 21 | 5,940 | 12.18 | 1998 | Mar. 8 | 11,200 | 17.08 |
| 1980 | Mar. 13 | 5,730 | 12.76 | 1990 | Mar. 17 | 13,000 | 17.85 | 1999 | June 28 | 4,320 | 9.88 |
| 1981 | May 26 | 5,580 | 12.54 | 1991 | June 26 | 5,300 | 11.23 | 2000 | Apr. 4 | 3,690 | 8.94 |
| 1982 | Feb. 3 | 11,600 | 17.34 | 1992 | Nov. 22 | 6,140 | 12.33 | 2001 | Mar. 20 | 6,570 | 12.86 |
| 1983 | Apr. 8 | 9,100 | 15.81 | 1993 | Dec. 17 | 7,290 | 13.75 | 2002 | Sept. 22 | 4,740 | 10.45 |
| 1984 | Dec. 6 | 6,610 | 13.18 | 1994 | Apr. 16 | 5,010 | 10.84 | 2003 | May 8 | 13,200 | 17.91 |
| 1985 | Feb. 5 | 4,150 | 9.97 | | | | | | | | |

## 02413400 WEDOWEE CREEK ABOVE WEDOWEE

LOCATION.--Lat 33°19'20", long 85°20'35", in SE$^1/_4$ sec. 36, T. 19 S., R. 12 E., Randolph County, Hydrologic Unit 03150108, on County Highway 56, 8 mi east of Wedowee.
DRAINAGE AREA.--6.87 mi$^2$.
GAGE.--Water-stage recorder 1960-66. Crest-stage gage 1967-72. Datum of gage is 1,050 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1960 | Apr. 3 | 870 | 5.58 | 1965 | Dec. 25 | 638 | 4.65 | 1970 | June 4 | 512 | 4.15 |
| 1961 | Mar. 31 | 1,080 | 6.30 | 1966 | Oct. 1 | 1,490 | 7.38 | 1971 | Mar. 3 | 898 | 5.69 |
| 1962 | Dec. 18 | 1,220 | 6.71 | 1967 | July 8 | 570 | 4.38 | 1972 | Jan. 10 | 845 | 5.48 |
| 1963 | Mar. 5 | 858 | 5.53 | 1968 | May 15 | 888 | 5.65 | 1979 | Apr. 13 | 1,900 [7] | 8.22 |
| 1964 | Jan. 25 | 1,210 | 6.67 | 1969 | May 18 | 815 | 5.36 | | | | |

## 02413475 WEDOWEE CREEK NEAR WEDOWEE

LOCATION.--Lat 33°19'30", long 85°29'02", in SE$^1/_4$ sec. 34, T. 19 S., R. 11 E., Randolph County, Hydrologic Unit 03150108, at bridge on U.S. Highway 431, 1.5 mi north of Wedowee.
DRAINAGE AREA.--46.6 mi$^2$.
GAGE.--Crest-stage gage. Datum not available.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Mar. 29 | 2,100 | 8.08 | 1960 | July 28 | 2,550 | 9.40 | 1969 | Apr. 18 | 2,950 | 10.38 |
| 1952 | Mar. 3 | 3,850 | 12.20 | 1961 | Feb. 25 | 4,300 | 13.01 | 1970 | June 4 | 1,730 | 7.23 |
| 1953 | Apr. 30 | 3,600 | 11.60 | 1962 | Apr. 12 | 2,780 | 9.94 | 1971 | Mar. 2 | 3,950 | 12.36 |
| 1954 | Mar. 28 | 1,220 | 5.63 | 1963 | Mar. 6 | 1,975 | 7.93 | 1972 | Jan. 11 | 3,950 | 12.37 |
| 1955 | Feb. 7 | 2,330 | 8.80 | 1964 | Jan. 25 | 3,950 | 12.37 | 1973 | May 21 | 3,540 | 11.87 |
| 1956 | Mar. 16 | 4,100 | 12.70 | 1965 | Dec. 25 | 2,675 | 9.60 | 1974 | Jan. 2 | 3,360 | 11.40 |
| 1957 | Apr. 4 | 3,920 | 12.60 | 1966 | Feb. 13 | 2,850 | 10.05 | 1975 | Sept. 23 | 3,200 | 10.86 |
| 1958 | Feb. 6 | 3,180 | 11.00 | 1967 | Nov. 10 | 940 | 4.67 | 1979 | Apr. 13 | 4,870[7] | 14.10 |
| 1959 | Mar. 10 | 1,260 | 5.80 | 1968 | Apr. 5 | 2,950 | 10.38 | | | | |

## 02413500 LITTLE TALLAPOOSA RIVER NEAR WEDOWEE

LOCATION.--Lat 33°20'57", long 85°32'43", in SE$^1/_4$ sec. 24, T. 19 S., R. 10 E., Randolph County, Hydrologic Unit 03150108, 4.5 mi northwest of Wedowee and 5.5 mi upstream from mouth.
DRAINAGE AREA.--591 mi$^2$.
GAGE.--Water-stage recorder 1940-52. Crest-stage gage 1953-70. Datum of gage is 680 ft NGVD 29 (from topographic map).
REMARKS.--Since 1982, site affected by Harris Dam.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1919 | Dec. -- | 27,000[7] | 23.00 | 1950 | Mar. 13 | 4,810 | 10.70 | 1961 | Feb. 25 | 25,500 | 22.58 |
| 1938 | Apr. 8 | 18,900 | 20.00 | 1951 | Mar. 29 | 6,920 | 12.80 | 1962 | Dec. 19 | 16,400 | 18.90 |
| 1940 | July 9 | 9,600 | 14.92 | 1952 | Dec. 21 | 16,000 | 18.70 | 1963 | Apr. 30 | 24,600 | 22.34 |
| 1941 | July 12 | 4,300 | 10.10 | 1953 | Apr. 30 | 9,790 | 15.10 | 1964 | Apr. 8 | 13,600 | 17.26 |
| 1942 | Mar. 21 | 19,800 | 20.40 | 1954 | Jan. 18 | 3,300 | 8.90 | 1965 | Dec. 27 | 9,100 | 14.60 |
| 1943 | Mar. 21 | 14,000 | 17.47 | 1955 | Apr. 15 | 7,480 | 13.30 | 1966 | Feb. 14 | 10,100 | 15.29 |
| 1944 | Apr. 11 | 12,500 | 16.65 | 1956 | Mar. 18 | 20,600 | 20.70 | 1967 | Nov. 10 | 8,200 | 13.90 |
| 1945 | Apr. 25 | 12,000 | 16.33 | 1957 | Apr. 5 | 19,600 | 20.30 | 1968 | May 16 | 16,700 | 19.02 |
| 1946 | Jan. 6 | 16,300 | 18.67 | 1958 | Nov. 23 | 12,500 | 16.90 | 1969 | May 19 | 9,230 | 14.70 |
| 1947 | Jan. 20 | 15,400 | 18.37 | 1959 | June 2 | 6,480 | 12.40 | 1970 | Mar. 21 | 16,300 | 18.83 |
| 1948 | Mar. 23 | 16,400 | 18.90 | 1960 | Jan. 31 | 7,140 | 13.00 | 1979 | Apr. 13 | 26,000 | 22.72 |
| 1949 | Nov. 28 | 20,800 | 20.80 | | | | | | | | |

## 02414500 TALLAPOOSA RIVER AT WADLEY

LOCATION.--Lat 33°07'00", long 85°33'39", in SW$^1/_4$ sec. 12, T. 22 S., R. 10 E., Randolph County, Hydrologic Unit 03150109, on State Highway 22, 1 mi downstream from Beaver Dam Creek, and at mile 125.3.
DRAINAGE AREA.--1,675 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 528.62 ft NGVD 29.
REMARKS.--Flow regulated since 1982 by Harris Reservoir.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1924 | Apr. 18 | 14,400 | 10.40 | 1951 | Mar. 30 | 26,700 | 18.00 | 1978 | Jan. 26 | 30,100 | 17.43 |
| 1925 | Jan. 18 | 46,900 | 26.30 | 1952 | Dec. 21 | 36,800 | 22.20 | 1979 | Apr. 14 | 89,100 | 30.57 |
| 1926 | Aug. 1 | 20,300 | 13.60 | 1953 | Jan. 9 | 27,700 | 18.10 | 1980 | Apr. 14 | 33,700 | 18.78 |
| 1927 | Feb. 14 | 33,700 | 20.00 | 1954 | Jan. 18 | 9,260 | 9.30 | 1981 | Feb. 11 | 29,400 | 17.17 |
| 1928 | Apr. 23 | 22,400 | 14.60 | 1955 | Apr. 14 | 21,100 | 15.40 | 1982 | Feb. 3 | 51,300 | 23.52 |
| 1929 | May 15 | 45,400 | 25.60 | 1956 | Mar. 16 | 47,400 | 25.50 | 1983 | Apr. 8 | 23,500 | 14.74 |
| 1930 | Nov. 12 | 31,400 | 18.90 | 1957 | Apr. 5 | 45,800 | 25.05 | 1984 | Dec. 7 | 37,300 | 19.36 |
| 1931 | Nov. 16 | 20,900 | 13.90 | 1958 | Feb. 6 | 24,800 | 17.00 | 1985 | Feb. 5 | 17,100 [E] | 11.55 |
| 1932 | Dec. 22 | 28,700 | 17.60 | 1959 | May 31 | 14,300 | 12.20 | 1986 | Mar. 14 | 15,400 | 10.85 |
| 1933 | Mar. 20 | 33,300 | 19.80 | 1960 | Jan. 31 | 16,500 | 12.95 | 1987 | Jan. 18 | 22,200 | 13.72 |
| 1934 | Mar. 4 | 27,400 | 17.50 | 1961 | Feb. 25 | 45,500 | 25.35 | 1988 | Sept. 17 | 34,000 | 18.41 |
| 1935 | Oct. 7 | 27,200 | 17.40 | 1962 | Dec. 18 | 34,300 | 21.00 | 1989 | June 20 | 23,000 | 14.04 |
| 1936 | Feb. 5 | 52,800 | 27.90 | 1963 | May 1 | 46,600 | 25.83 | 1990 | Mar. 17 | 67,600 | 26.72 |
| 1937 | Apr 9 | 24,000 | 16.90 | 1964 | Apr. 7 | 35,300 | 21.50 | 1991 | May 29 | 17,700 | 12.11 |
| 1938 | Apr. 9 | 40,400 | 24.50 | 1965 | Dec. 27 | 15,100 | 12.55 | 1992 | Feb. 25 | 18,800 | 12.64 |
| 1939 | Feb. 28 | 23,800 | 17.04 | 1966 | Feb. 17 | 23,000 | 16.52 | 1993 | Dec. 16 | 20,100 | 13.22 |
| 1940 | Mar. 14 | 21,100 | 15.76 | 1967 | Aug. 25 | 18,500 | 14.23 | 1994 | Apr. 15 | 20,700 | 13.50 |
| 1941 | Mar. 22 | 9,890 | 9.54 | 1968 | May 17 | 36,100 | 21.80 | 1995 | Mar. 8 | 21,700 | 13.98 |
| 1942 | Mar. 21 | 43,200 | 25.60 | 1969 | May 9 | 18,700 | 14.34 | 1996 | Oct. 5 | 32,700 | 18.50 |
| 1943 | Mar. 21 | 34,100 | 21.45 | 1970 | Mar. 20 | 50,200 | 24.00 | 1997 | Mar. 2 | 29,100 | 17.08 |
| 1944 | Apr. 12 | 26,400 | 17.90 | 1971 | Mar. 3 | 43,500 | 22.00 | 1998 | Mar. 10 | 29,300 | 17.15 |
| 1945 | Apr. 25 | 28,800 | 19.00 | 1972 | Jan. 11 | 28,100 | 16.87 | 1999 | Jan. 23 | 16,100 | 11.39 |
| 1946 | Jan. 7 | 40,300 | 24.30 | 1973 | Mar. 17 | 34,200 | 19.00 | 2000 | Apr. 4 | 17,900 | 12.17 |
| 1947 | Jan. 20 | 39,900 | 23.90 | 1974 | Jan. 1 | 37,800 | 20.20 | 2001 | Apr. 3 | 25,000 | 15.42 |
| 1948 | Mar. 23 | 33,000 | 21.22 | 1975 | Mar. 14 | 34,700 | 19.16 | 2002 | Apr. 1 | 16,100 | 11.37 |
| 1949 | Nov. 29 | 44,700 | 25.50 | 1976 | Mar. 16 | 66,900 | 26.54 | 2003 | May 8 | 125,000 | 37.30 |
| 1950 | Feb. 10 | 12,300 | 11.00 | 1977 | Mar. 30 | 61,900 | 25.62 | | | | |

## 02414800 HARBUCK CREEK NEAR HACKNEYVILLE

LOCATION.--Lat 33°07'08", long 85°56'45", in SW$^1/_4$ sec. 8, T. 22 S., R. 7 E., Clay County, Hydrologic Unit 03150109, on county road, 0.5 mi upstream from mouth, 1 mi north of county line, and 4 mi north of Hackneyville.
DRAINAGE AREA.--7.97 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 710 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Mar. 29 | 2,460 | 7.80 | 1958 | Mar. 11 | 2,680 | 8.10 | 1965 | Sept. 30 | 1,020 | 4.51 |
| 1952 | Dec. 29 | 1,160 | 4.90 | 1959 | Oct. 1 | 1,060 | 4.60 | 1966 | Apr. 27 | 820 | 3.95 |
| 1953 | Apr. 12 | 1,460 | 5.70 | 1960 | Mar. 29 | 515 | 3.15 | 1967 | Oct. 18 | 652 | 3.53 |
| 1954 | Feb. 24 | 560 | 3.30 | 1961 | Mar. 31 | 1,350 | 5.41 | 1968 | Apr. 5 | 720 | 3.70 |
| 1955 | May 22 | 3,320 | 8.90 | 1962 | Dec. 18 | 1,720 | 6.34 | 1969 | Sept. 24 | 466 | 2.98 |
| 1956 | Mar. 16 | 1,620 | 6.10 | 1963 | June 23 | 905 | 4.18 | 1970 | Mar. 19 | 966 | 4.35 |
| 1957 | Apr. 5 | 2,340 | 7.60 | 1964 | Apr. 6 | 2,560 | 7.95 | 1979 | Apr. 14 | 6,260 [7] | 11.87 |

## 02415000 HILLABEE CREEK NEAR HACKNEYVILLE

LOCATION.--Lat 33°04'00", long 85°52'45", in SW$^1/_4$ sec. 17, T. 24 N., R. 22 E., Tallapoosa County, Hydrologic Unit 03150109, on county road, 1 mi downstream from Enitachopco Creek, 3 mi east of Hackneyville, and 4 mi upstream from Hackney Creek.
DRAINAGE AREA.--190 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 557.92 ft NGVD 29

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1953 | Jan. 8 | 6,800 | 16.90 | 1967 | Oct. 19 | 6,000 | 15.97 | 1991 | Mar. 29 | 3,200 | 13.55 |
| 1954 | Apr. 29 | 4,300 | 13.90 | 1968 | Apr. 5 | 9,250 | 19.87 | 1992 | Feb. 25 | 4,600 | 15.73 |
| 1955 | Apr. 14 | 8,600 | 19.10 | 1969 | Apr. 18 | 5,600 | 15.52 | 1993 | Dec. 17 | 8,200 | 20.03 |
| 1956 | Mar. 16 | 14,200 | 23.60 | 1970 | Mar. 20 | 9,800 | 20.43 | 1994 | Apr. 16 | 8,250 | 20.14 |
| 1957 | Apr. 5 | 17,800 | 25.70 | 1971 | Mar. 3 | 10,000 | 20.60 | 1995 | Mar. 8 | 6,550 | 18.39 |
| 1958 | Feb. 6 | 7,650 | 18.00 | 1972 | Jan. 11 | 14,000 | 23.62 | 1996 | Oct. 5 | 12,200 | 23.02 |
| 1959 | Mar. 12 | 4,500 | 14.10 | 1973 | May 8 | 11,500 | 21.82 | 1997 | Mar. 1 | 8,250 | 20.14 |
| 1960 | Mar. 30 | 5,900 | 15.81 | 1979 | Apr. 13 | 23,000[7] | 28.10 | 1998 | Mar. 8 | 10,000 | 21.54 |
| 1961 | Feb. 25 | 10,500 | 20.97 | 1985 | Dec. 13 | 1,890 | 10.65 | 1999 | Jan. 31 | 2,820 | 12.79 |
| 1962 | Dec. 18 | 10,700 | 21.02 | 1987 | Jan. 19 | 4,700 | 16.08 | 2000 | Apr. 4 | 2,010 | 11.04 |
| 1963 | Mar. 13 | 9,200 | 19.82 | 1988 | Sept. 17 | 11,000 | 22.43 | 2001 | Apr. 4 | 8,800 | 20.66 |
| 1964 | Apr. 6 | 14,300 | 23.74 | 1989 | Jun. 19 | 6,900 | 18.77 | 2002 | Jan. 25 | 2,250 | 11.55 |
| 1965 | Mar. 17 | 4,900 | 14.41 | 1990 | Mar. 16 | 19,000 | 25.59 | 2003 | May 8 | 17,700 | 25.59 |
| 1966 | May 13 | 6,650 | 18.06 | | | | | | | | |

## 02416481 NORRELL BRANCH NEAR DADEVILLE

LOCATION.--Lat 32°46'20", long 85°46'13", in SE$^{1}/_{4}$ sec. 29, T. 21 N., R. 23 E., Tallapoosa County, Hydrologic Unit 03150109, at culvert at county road, 1 mi east of State Highway 49, and 4 mi south of Dadeville.
DRAINAGE AREA.—0.50 mi$^{2}$.
GAGE.-- Crest-stage gage. Datum not available.

| Water year | Date | Discharge (ft$^{3}$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^{3}$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^{3}$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1990 | Mar. 16 | 335 | 8.70 | 1995 | Mar. 14 | 145 | 6.49 | 2000 | -- | 20[4] | -- |
| 1991 | -- | 82[4] | -- | 1995 | Oct. 4 | 257 | 7.56 | 2001 | Apr. 26 | 86 | 5.32 |
| 1991 | Dec. 11 | 26 | -- | 1997 | Apr. 28 | 127 | 5.90 | 2002 | Sept. 30 | 54 | 4.79 |
| 1993 | Jan. 28 | 73 | 5.10 | 1998 | -- | 20[4] | -- | 2003 | May 13 | 145 | 6.14 |
| 1994 | -- | 27[4] | -- | 1999 | Jan. 23 | 20 | 4.06 | | | | |

## 02418500 TALLAPOOSA RIVER BELOW TALLASSEE

LOCATION.--Lat 32°33'15", long 85°53'21", in SE$^1/_4$ sec. 30, T. 18 N., R. 22 E., Tallapoosa County, Hydrologic Unit 03150110, 1.5 mi downstream from Benjamin Fitzpatrick Highway bridge and Thurlow Dam at Tallassee, 3.5 mi upstream from Uphapee Creek, and at mile 48.1.

DRAINAGE AREA.--3,328 mi$^2$.

GAGE.--Water-stage recorder 1929-75. Nonrecording gage since 1975. Datum of gage is 164.01 ft NGVD 29.

REMARKS.--Flow regulated by Harris Reservoir, Lake Martin, other hydroelectric plants, and small mill dams above station.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1920 | Dec. -- | 177,000 [7] | -- | 1954 | Dec. 28 | 11,300 | 9.60 | 1980 | Apr. 14 | 40,000 [2] | -- |
| 1929 | Mar. 15 | 115,000 | 51.35 | 1955 | May 25 | 9,570 | 9.60 | 1981 | Apr. 02 | 14,900 [2] | -- |
| 1930 | Nov. 16 | 39,000 | 29.50 | 1956 | Apr. 17 | 22,200 | 17.90 | 1982 | Apr. 26 | 37,100 [2] | -- |
| 1931 | Nov. 0 | 8,960 | 8.70 | 1957 | Apr. 6 | 72,600 | 46.00 | 1983 | Apr. 09 | 38,500 [1] | -- |
| 1932 | Apr. 1 | 25,700 | 20.60 | 1958 | Mar. 7 | 10,700 | -- | 1984 | Aug. 02 | 47,900 [1] | -- |
| 1933 | Dec. 28 | 51,000 | 37.60 | 1959 | June 4 | 10,800 | 10.35 | 1985 | Feb. 06 | 10,400 [1] | -- |
| 1934 | Oct. 25 | 10,200 | 9.10 | 1960 | Apr. 4 | 34,600 | 29.80 | 1986 | Dec. 02 | 9,400 [1] | -- |
| 1935 | Mar. 13 | 24,100 | 22.70 | 1961 | Feb. 25 | 128,000 | 50.40 | 1987 | Mar. 07 | 10,300 [1] | -- |
| 1936 | Feb. 5 | 86,900 | 44.10 | 1962 | Apr. 12 | 59,300 | -- | 1988 | Sept. 18 | 16,100 [1] | -- |
| 1937 | Apr. 30 | 45,300 | 31.00 | 1963 | May 1 | 37,600 | -- | 1989 | June 20 | 70,400 [1] | -- |
| 1938 | Apr. 9 | 42,600 | 34.90 | 1964 | Apr. 7 | 83,900 | -- | 1990 | Mar. 17 | 125,000 [1] | -- |
| 1939 | Aug. 17 | 14,900 | 16.30 | 1965 | Mar. 27 | 16,100 | -- | 1991 | June 27 | 17,600 [1] | -- |
| 1940 | July 12 | 22,700 | 20.40 | 1966 | Mar. 5 | 29,400 | 30.90 | 1992 | Feb. 17 | 10,200[1] | -- |
| 1941 | Jan. 16 | 10,300 | 9.30 | 1967 | Aug. 26 | 10,600 | -- | 1992 | Dec. 22 | 17,200[1] | -- |
| 1942 | Mar. 22 | 11,500 | 17.10 | 1968 | May 18 | 36,500 | 26.10 | 1994 | July 07 | 16,300[1] | -- |
| 1943 | Mar. 23 | 41,900 | 35.20 | 1969 | Apr. 19 | 26,200 | 24.80 | 1995 | Mar. 09 | 18,700[1] | -- |
| 1944 | Apr. 27 | 78,700 | 44.50 | 1970 | Mar. 19 | 22,800 | -- | 1995 | Oct. 06 | 36,200[1] | -- |
| 1945 | May 14 | 33,700 | 26.70 | 1971 | Mar. 4 | 75,100 | 45.10 | 1997 | Mar. 02 | 18,100[1] | -- |
| 1946 | Mar. 29 | 52,700 | 37.40 | 1972 | Jan. 15 | 24,100 | -- | 1998 | Mar. 10 | 40,800[1] | -- |
| 1947 | Apr. 17 | 24,000 | 22.50 | 1973 | May 29 | 45,400 | -- | 1999 | June 29 | 20,900[1] | -- |
| 1948 | Mar. 24 | 41,600 | 30.10 | 1974 | Feb. 16 | 11,500 [2] | -- | 2000 | Apr. 05 | 11,400[1] | -- |
| 1949 | Nov. 28 | 94,700 | 49.50 | 1975 | Apr. 3 | 62,700[2] | -- | 2001 | Apr. 05 | 36,100[1] | -- |
| 1950 | July 30 | 10,800 | 9.30 | 1976 | Apr. 1 | 41,100[2] | -- | 2002 | Feb. 07 | 12,600[1] | |
| 1951 | Nov. 27 | 10,300 | 8.60 | 1977 | Mar. 31 | 72,400[2] | -- | 2003 | May 09 | 94,000[1] | |
| 1952 | Mar. 5 | 32,900 | 27.30 | 1978 | May 9 | 25,400 [2] | -- | | | | |
| 1953 | May 6 | 44,900 | 33.60 | 1979 | Apr. 14 | 128,000 | 48.63 | | | | |

## 02419000 UPHAPEE CREEK NEAR TUSKEGEE

LOCATION.--Lat 32°28'36", long 85°41'42", in NE$^{1}/_{4}$ sec. 12, T. 17 N., R. 23 E., Macon County, Hydrologic Unit 03150110, on State Highway 81, 1 mi upstream from Red Creek, and 4 mi north of Tuskegee.

DRAINAGE AREA.--333 mi$^{2}$.

GAGE.--Water-stage recorder. Datum of gage is 223.65 ft NGVD 29.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (feet) | Water year | Date | Discharge ($ft^3/s$) | Gage height (feet) | Water year | Date | Discharge ($ft^3/s$) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | -- | 37,000 [2,7] | 30.00 | 1961 | Feb. 25 | 25,500 | 25.82 | 1983 | Mar. 7 | 9,630 | 17.61 |
| 1940 | July 4 | 7,300 | 15.30 | 1962 | Apr. 1 | 6,700 | 14.53 | 1984 | Mar. 26 | 5,480 | 13.13 |
| 1941 | Aug. 14 | 7,900 | 15.80 | 1963 | Jan. 21 | 6,340 | 14.12 | 1985 | July 29 | 3,230 [E] | 10.06 |
| 1942 | Mar. 22 | 13,300 | 20.67 | 1964 | Apr. 9 | 32,200 | 28.18 | 1986 | Mar. 20 | 7,500 | 15.39 |
| 1943 | Mar. 21 | 29,600 | 27.33 | 1965 | Mar. 19 | 6,030 | 13.39 | 1987 | Mar. 4 | 6,680 | 14.49 |
| 1944 | Apr. 27 | 26,500 | 26.20 | 1966 | Mar. 4 | 12,500 | 20.14 | 1988 | Feb. 5 | 4,130 | 11.37 |
| 1945 | Feb. 21 | 8,800 | 16.96 | 1967 | Jan. 3 | 3,080 | 9.72 | 1989 | June 16 | 8,000 | 16.10 |
| 1946 | Jan. 7 | 15,200 | 21.89 | 1968 | Mar. 13 | 6,620 | 14.42 | 1990 | Mar. 17 | 28,400 | 26.87 |
| 1947 | Apr. 3 | 7,620 | 15.60 | 1969 | Apr. 19 | 6,650 | 14.46 | 1991 | Mar. 30 | 10,200 | 18.68 |
| 1948 | July 11 | 8,400 | 16.50 | 1970 | Mar. 21 | 11,500 | 19.13 | 1992 | Jan. 14 | 6,200 | 14.03 |
| 1949 | Nov. 27 | 29,600 | 27.30 | 1971 | Mar. 3 | 13,400 | 21.02 | 1993 | Nov. 26 | 22,400 | 24.50 |
| 1950 | Mar. 7 | 2,950 | 9.58 | 1972 | Mar. 3 | 3,650 | 10.75 | 1994 | July 8 | 23,200 | 24.83 |
| 1951 | Mar. 20 | 1,430 | 6.47 | 1973 | Apr. 1 | 11,000 | 18.98 | 1995 | Feb. 18 | 5,300 | 12.94 |
| 1952 | Mar. 25 | 9,800 | 18.00 | 1974 | Jan. 31 | 3,200 | 9.97 | 1996 | Mar. 7 | 9,500 | 17.60 |
| 1953 | May 5 | 8,390 | 16.30 | 1975 | Apr. 15 | 10,600 | 18.65 | 1997 | Apr. 29 | 7,000 | 14.79 |
| 1954 | Dec. 5 | 12,400 | 20.40 | 1976 | May 16 | 9,050 | 17.00 | 1998 | Mar. 9 | 20,500 | 24.07 |
| 1955 | Apr. 15 | 4,740 | 12.17 | 1977 | Mar. 31 | 7,480 | 15.35 | 1999 | Mar. 15 | 3,175 | 9.93 |
| 1956 | Mar. 17 | 5,890 | 13.64 | 1978 | Jan. 26 | 14,700 | 21.63 | 2000 | Mar. 21 | 2,080 | 7.83 |
| 1957 | Apr. 6 | 11,100 | 19.10 | 1979 | Apr. 5 | 12,000 | 20.01 | 2001 | Mar. 5 | 13,500 | 21.21 |
| 1958 | Mar. 8 | 20,400 | 23.70 | 1980 | Mar. 30 | 8,225 | 16.26 | 2002 | Apr. 14 | 1,570 | 6.84 |
| 1959 | Mar. 7 | 2,930 | 9.70 | 1981 | Apr. 2 | 16,000 | 22.23 | 2003 | July 2 | 7,460 | 14.39 |
| 1960 | Apr. 4 | 7,250 | 15.06 | 1982 | Feb. 4 | 9,330 | 17.29 | | | | |

## 02420000 ALABAMA RIVER NEAR MONTGOMERY

LOCATION.--Lat 32°24'41", long 86°24'30", in NW$^1/_4$ sec. 31, T. 17 N., R. 17 E., Montgomery County, Hydrologic Unit 03150201, on U.S. Highway 31, 4 mi upstream from Autauga Creek, 6 mi northwest of Montgomery, and at mile 287.6.
DRAINAGE AREA.--15,087 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 97.90 ft NGVD 29.
REMARKS.--Flow regulated by reservoirs on Etowah, Coosa, and Tallapoosa Rivers.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1886 | Apr. | 322,000 [7] | 62.70 | 1952 | Mar. 27 | 103,000 | 36.80 | 1978 | Jan. 28 | 131,000 [1] | -- |
| 1888 | Mar. 3 | 283,000 [7] | 60.60 | 1953 | May 8 | 113,000 | -- | 1979 | Apr. 16 | 260,000 | 54.50 |
| 1928 | Apr. 25 | 134,000 | 47.10 | 1954 | Jan. 25 | 79,000 | 28.50 | 1980 | Mar. 30 | 169,000 [1] | -- |
| 1929 | Mar. 17 | 256,000 | 59.60 | 1955 | Apr. 15 | 109,000 | 38.80 | 1981 | Apr. 2 | 123,000 | 38.13 |
| 1930 | Nov. 19 | 132,000 | 50.10 | 1956 | Mar. 17 | 122,000 | 40.60 | 1982 | Feb. 4 | 135,000 | 42.45 |
| 1931 | Nov. 19 | 72,500 | 26.20 | 1957 | Apr. 7 | 139,000 | -- | 1983 | Apr. 10 | 150,000 | 44.35 |
| 1932 | Feb. 24 | 93,300 | 34.00 | 1958 | Mar. 10 | 85,000 | 34.90 | 1984 | Dec. 5 | 116,000 [1] | -- |
| 1933 | Dec. 31 | 150,000 | 52.00 | 1959 | Feb. 17 | 57,200 | 21.50 | 1985 | Feb. 7 | 95,000 | 36.36 |
| 1934 | Mar. 6 | 111,000 | 39.40 | 1960 | Apr. 6 | 84,500 | 33.60 | 1986 | Mar. 21 | 68,000 | 31.12 |
| 1935 | Mar. 9 | 91,100 | 32.70 | 1961 | Feb. 26 | 283,000 | 60.50 | 1987 | Mar. 2 | 105,000 | 37.82 |
| 1936 | Feb. 8 | 196,000 | 55.30 | 1962 | Dec. 20 | 149,000 | 50.76 | 1988 | Jan. 21 | 82,000 | 33.87 |
| 1937 | May 7 | 107,000 | 40.40 | 1963 | May 4 | 94,300 | 35.44 | 1989 | June 23 | 152,000 | 44.80 |
| 1938 | Apr. 10 | 214,000 | 56.80 | 1964 | Apr. 10 | 179,000 | 54.67 | 1990 | Mar. 19 | 290,000 | 56.50 |
| 1939 | Aug. 18 | 123,000 | 46.10 | 1965 | Feb. 14 | 79,000 | 29.95 | 1991 | Mar. 31 | 90,000 | 35.05 |
| 1940 | Mar. 16 | 81,600 | 31.00 | 1966 | Feb. 18 | 115,000 | 42.80 | 1992 | Feb. 27 | 84,000 | 34.36 |
| 1941 | Mar. 9 | 37,100 | 14.40 | 1967 | Aug. 28 | 71,600 | 27.30 | 1992 | Dec. 18 | 95,000 | 36.35 |
| 1942 | Mar. 23 | 114,000 | 42.90 | 1968 | Jan. 12 | 82,800 | 31.30 | 1994 | Apr. 17 | 90,000 | 35.19 |
| 1943 | Mar. 23 | 164,000 | 53.50 | 1969 | May 22 | 83,000 | 31.39 | 1995 | Mar. 8 | 108,000 | 37.44 |
| 1944 | Apr. 29 | 141,000 | 50.40 | 1970 | Mar. 24 | 114,000 | 42.49 | 1996 | Mar. 9 | 138,000 | 42.00 |
| 1945 | Feb. 22 | 92,000 | 34.30 | 1971 | Mar. 6 | 156,000 | 46.65 | 1997 | Mar. 1 | 110,000 | 37.94 |
| 1946 | Jan. 9 | 130,000 | 47.20 | 1972 | Jan. 11 | 195,000 [1] | -- | 1998 | Mar. 11 | 152,000 | 44.57 |
| 1947 | Jan. 23 | 139,000 | 49.10 | 1973 | Apr. 1 | 133,000 [1] | -- | 1999 | Jan. 31 | 94,000 | 35.44 |
| 1948 | Feb. 15 | 101,000 | 37.50 | 1974 | Jan. 1 | 111,000 [1] | -- | 2000 | Mar. 6 | 96,000 | 35.70 |
| 1949 | Dec. 1 | 234,000 | 58.20 | 1975 | Apr. 3 | 154,000 [1] | -- | 2001 | Mar. 22 | 128,000 | 40.09 |
| 1950 | Mar. 17 | 80,600 | 29.20 | 1976 | Apr. 1 | 140,000 | 44.71 | 2002 | Jan. 26 | 80,100 | 33.31 |
| 1951 | Apr. 1 | 137,000 | 45.60 | 1977 | Apr. 7 | 150,000 [1] | -- | 2003 | May 11 | 138,000 | 42.22 |

## 02421000 CATOMA CREEK NEAR MONTGOMERY

LOCATION.--Lat 32°18'26", long 86°17'58", in NW$^1/_4$ sec. 6, T. 15 N., R. 18 E., Montgomery County, Hydrologic Unit 03150201, on old U.S. Highway 331, 5 mi south of Montgomery.
DRAINAGE AREA.--290 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 151.02 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1949 | Nov. 28 | 38,300[7] | 27.50 | 1970 | June 5 | 14,900 | 23.80 | 1987 | Mar. 1 | 5,420 | 18.29 |
| 1953 | Feb. 27 | 6,420 | 20.50 | 1971 | Mar. 4 | 12,200 | 22.94 | 1988 | Feb. 3 | 3,970 | 15.59 |
| 1954 | Dec. 5 | 10,700 | 23.03 | 1972 | Mar. 3 | 10,100 | 22.23 | 1989 | June 21 | 18,400 | 24.87 |
| 1955 | Apr. 15 | 5,560 | 19.73 | 1973 | Apr. 26 | 20,900 | 25.07 | 1990 | Mar. 17 | 50,000 | 29.78 |
| 1956 | Sept. 26 | 6,500 | 20.68 | 1974 | Sept. 28 | 6,810 | 20.64 | 1991 | Mar. 30 | 7,210 | 20.66 |
| 1957 | Apr. 6 | 15,000 | 23.80 | 1975 | Feb. 17 | 43,900 | 28.13 | 1992 | Jan. 15 | 5,430 | 18.77 |
| 1958 | Mar. 8 | 25,600 | 25.70 | 1976 | Apr. 1 | 12,800 | 23.12 | 1993 | Nov. 27 | 7,930 | 21.25 |
| 1959 | Mar. 7 | 3,660 | 17.00 | 1977 | Mar. 30 | 8,580 | 21.59 | 1994 | July 8 | 22,800 | 26.07 |
| 1960 | Apr. 4 | 13,500 | 23.33 | 1978 | Jan. 26 | 17,000 | 24.76 | 1995 | Feb. 19 | 5,610 | 19.01 |
| 1961 | Feb. 25 | 48,600 | 28.60[5] | 1979 | Apr. 5 | 15,500 | 24.44 | 1996 | Mar. 7 | 12,800 | 23.55 |
| 1962 | Apr. 13 | 10,400 | 22.35 | 1980 | Mar. 30 | 9,460 | 22.38 | 1997 | Feb. 23 | 5,190 | 18.43 |
| 1963 | Jan. 21 | 9,100 | 21.85[2] | 1981 | Feb. 12 | 5,480 | 18.97 | 1998 | Mar. 9 | 18,900 | 24.99 |
| 1964 | Apr. 28 | 21,700 | 25.20 | 1982 | Feb. 3 | 15,500 | 24.46 | 1999 | Feb. 1 | 4,400 | 17.17 |
| 1965 | Jan. 24 | 12,800 | 23.15 | 1983 | Apr. 9 | 9,760 | 22.53 | 2000 | Mar. 21 | 2,780 | 13.25 |
| 1966 | Feb. 13 | 11,500 | 22.71 | 1984 | Mar. 27 | 5,900 | 19.57 | 2001 | Mar. 4 | 28,600 | 27.20 |
| 1967 | Jan. 3 | 3,600 | 16.86 | 1985 | Feb. 7 | 4,600[E] | 17.36 | 2002 | Mar. 22 | 3,180 | 14.39 |
| 1968 | Mar. 12 | 10,800 | 22.47 | 1986 | Mar. 15 | 11,900 | 22.77 | 2003 | Apr. 27 | 7,430 | 20.85 |
| 1969 | Mar. 25 | 5,400 | 19.55 | | | | | | | | |

## 02421105 PINTLALLA CREEK TRIBUTARY NEAR SELLARS

LOCATION.--Lat 32°04'38", long 86°21'18", in NW $^1/_4$ sec. 27, T. 13 N., R. 17 E., Montgomery County, Hydrologic Unit 03150201, at culvert at county road, 2 mi south of Fleta, and 4 mi northwest of Sellers.
DRAINAGE AREA.—0.45 mi$^2$.
GAGE.-- Crest-stage gage. Datum not available.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1991 | Mar. 29 | 138 | 8.61 | 1995 | Oct. 4 | 290 | 10.10 | 2000 | June 22 | 131 | 8.18 |
| 1991 | Nov. 21 | 98 | 6.63 | 1997 | Feb. 21 | 200 | 9.92 | 2001 | Apr. 24 | 148 | 9.26 |
| 1993 | Aug. 14 | 109 | 7.06 | 1998 | Jan. 8 | 255 | 10.04 | 2002 | -- | 50[4] | 4.00 |
| 1994 | June 27 | 500 | 10.35 | 1999 | May 7 | 130 | 8.14 | 2003 | May 5 | 140 | 8.00 |
| 1995 | Mar. 7 | 120 | 7.68 | | | | | | | | |

## 02421300 IVY CREEK AT MULBERRY

LOCATION.--Lat 32°27'23", long 86°46'45", in NE$^1/_4$ sec. 17, T. 17 N., R. 13 E., Autauga County, Hydrologic Unit 03150201, on State Highway 14 at Mulberry, 6 mi upstream from mouth, and 7.5 mi west of Autaugaville.
DRAINAGE AREA.--10.7 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 210 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge ($ft^3/s$) | Gage height (feet) | Water year | Date | Discharge ($ft^3/s$) | Gage height (feet) | Water year | Date | Discharge ($ft^3/s$) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | Mar. 31 | 870 | 6.68 | 1966 | Feb. 16 | 324 | 3.97 | 1970 | Mar. 20 | 70[2] | 2.21 |
| 1962 | Dec. 18 | 2,120 | 14.20 | 1967 | Sept. 10 | 273 | 3.70 | 1971 | Mar. 2 | 694 | 5.82 |
| 1963 | Mar. 5 | 123 | 2.68 | 1968 | Jan. 23 | 156 | 2.93 | 1972 | Jan. 10 | 464 | 4.67 |
| 1964 | Apr. 6 | 2,440 | 15.81 | 1969 | Apr. 17 | 486 | 4.78 | 1990 | Mar. 16 | 1,530[7] | 10.19 |
| 1965 | Jan. 23 | 456 | 4.63 | | | | | | | | |

## 02422000 BIG SWAMP CREEK NEAR LOWNDESBORO

LOCATION.--Lat 32°15'58", long 86°41'40", in NE$^1/_4$ sec. 19, T. 15 N., R. 14 E., Lowndes County, Hydrologic Unit 03150201, on U.S. Highway 80, 1 mi downstream from Panther Creek, 5 mi west of Lowndesboro, and 12 mi upstream from mouth.
DRAINAGE AREA.--244 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 127.95 ft NGVD 29.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (feet) | Water year | Date | Discharge ($ft^3/s$) | Gage height (feet) | Water year | Date | Discharge ($ft^3/s$) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1938 | Apr. 1 | 29,500[7] | 20.00 | 1952 | Mar. 25 | 2,150 | 15.84 | 1964 | Apr. 8 | 11,000 | 17.93 |
| 1941 | Mar. 8 | 4,400 | 16.60 | 1953 | May 4 | 6,600 | 17.18 | 1965 | Jan. 24 | 14,700 | 18.33 |
| 1942 | Dec. 24 | 13,500 | 18.20 | 1954 | Dec. 6 | 2,850 | 16.11 | 1966 | Feb. 13 | 4,500 | 16.73 |
| 1943 | Mar. 21 | 25,000 | 19.50 | 1955 | Apr. 14 | 11,000 | 17.94 | 1967 | Feb. 7 | 2,750 | 16.07 |
| 1944 | Mar. 23 | 20,800 | 19.00 | 1956 | Mar. 16 | 5,400 | 16.93 | 1968 | Mar. 12 | 5,400 | 16.97 |
| 1945 | Apr. 25 | 13,500 | 18.20 | 1957 | Apr. 5 | 14,500 | 18.30 | 1969 | Mar. 26 | 2,300 [1] | -- |
| 1946 | June 2 | 14,000 | 18.28 | 1958 | Mar. 7 | 21,000 | 19.11 | 1970 | Mar. 22 | 11,000 | 17.97 |
| 1947 | Apr. 3 | 3,400 | 16.40 | 1959 | Apr. 12 | 3,000 | 16.30 | 1971 | Mar. 3 | 14,400 | 18.28 |
| 1948 | Mar. 7 | 6,000 | 17.00 | 1960 | Jan. 18 | 4,400 | 16.68 | 1972 | Mar. 3 | 14,400 | 18.28 |
| 1949 | Nov. 27 | 48,000 | 21.30 | 1961 | Feb. 25 | 30,300 | 20.10 | 1973 | Apr. 26 | 13,300 | 18.13 |
| 1950 | July 13 | 3,340 | 15.63 | 1962 | Apr. 12 | 5,400 | 16.95 | 1990 | Mar. 17 | 20,300 | 19.07 |
| 1951 | Apr. 22 | 1,600 | 14.98 | 1963 | Jan. 21 | 4,700 | 16.78 | | | | |

## 02422500 MULBERRY CREEK AT JONES

LOCATION.--Lat 32°34'58", long 86°54'13", in SE$^{1}/_{4}$ sec. 31, T. 19 N., R. 12 E., Dallas County, Hydrologic Unit 03150201, 75 ft downstream from highway bridge, 0.4 mi west of Jones, 6 mi upstream from Buck Creek, and 11 mi upstream from mouth.

DRAINAGE AREA.--203 mi$^{2}$.

GAGE.--Water-stage recorder. Datum of gage is 165.23 ft NGVD 29.

| Water year | Date | Discharge (ft$^{3}$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^{3}$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^{3}$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1938 | Apr. -- | 40,000 | 33.60 | 1960 | Mar. 30 | 3,380 | 6.60 | 1982 | Feb. 3 | 10,700 | 16.57 |
| 1939 | Aug. 16 | 32,800 | 30.38 | 1961 | Feb. 25 | 5,340 | 9.99 | 1983 | Apr. 9 | 8,730 | 14.63 |
| 1940 | July 5 | 5,000 | 9.56 | 1962 | Dec. 12 | 8,410 | 14.14 | 1984 | Dec. 28 | 4,010 | 9.02 |
| 1941 | July 17 | 3,420 | 8.00 | 1963 | Mar. 13 | 5,570 | 10.36 | 1986 | May 29 | 1,200 | 4.72 |
| 1942 | Mar. 21 | 12,800 | 20.03 | 1964 | Apr. 6 | 11,600 | 18.13 | 1987 | Nov. 24 | 4,410 | 9.59 |
| 1943 | Dec. 28 | 13,600 | 18.43 | 1965 | Jan. 23 | 3,510 | 7.16 | 1988 | Jan. 20 | 3,220 | 7.89 |
| 1944 | Apr. 27 | 6,040 | 11.80 | 1966 | Feb. 17 | 5,670 | 11.39 | 1989 | Mar. 6 | 7,620 | 13.54 |
| 1945 | Apr. 25 | 8,800 | 14.20 | 1967 | Feb. 7 | 2,670 | 7.10 | 1990 | Mar. 16 | 19,600 | 23.26 |
| 1946 | Jan. 7 | 5,360 | 9.98 | 1968 | Apr. 6 | 4,760 | 10.08 | 1991 | May 13 | 7,180 | 12.62 |
| 1947 | Jan. 20 | 11,600 | 18.18 | 1969 | Jan. 19 | 4,550 | 9.78 | 1992 | Feb. 17 | 3,330 | 7.48 |
| 1948 | Mar. 23 | 7,020 | 12.40 | 1970 | Apr. 27 | 2,810 | 7.82 | 1993 | Feb. 21 | 7,260 | 12.72 |
| 1949 | Nov. 27 | 5,820 | 10.80 | 1971 | Mar. 3 | 10,200 | 17.17 | 1994 | Jan. 5 | 3,880 | 8.31 |
| 1950 | July 15 | 3,400 | 8.00 | 1972 | Jan. 11 | 10,600 | 17.62 | 1995 | Mar. 8 | 3,960 | 8.43 |
| 1951 | Mar. 29 | 18,200 | 23.80 | 1973 | Mar. 16 | 5,490 | 11.13 | 1996 | Jan. 27 | 6,240 | 11.49 |
| 1952 | Mar. 4 | 5,250 | 9.97 | 1974 | Feb. 15 | 3,610 | 8.76 | 1997 | Feb. 28 | 5,450 | 10.48 |
| 1953 | Feb. 25 | 3,500 | 7.50 | 1975 | Apr. 3 | 9,550 | 16.50 | 1998 | Jan. 8 | 10,600 | 16.52 |
| 1954 | Apr. 16 | 2,850 | 6.56 | 1976 | Mar. 31 | 7,060 | 13.37 | 1999 | Jan. 31 | 6,370 | 11.65 |
| 1955 | Apr. 13 | 9,740 | 15.80 | 1977 | Feb. 24 | 5,170 | 10.67 | 2000 | Apr. 4 | 4,240 | 8.84 |
| 1956 | Mar. 16 | 8,460 | 14.18 | 1978 | May 8 | 3,420 | 8.17 | 2001 | Mar. 12 | 5,150 | 10.09 |
| 1957 | Apr. 5 | 7,800 [1] | -- | 1979 | Apr. 14 | 21,800 | 25.26 | 2002 | Jan. 25 | 2,600 | 6.28 |
| 1958 | July 13 | 4,580 | 8.05 | 1980 | Mar. 21 | 5,610 | 11.26 | 2003 | May 22 | 8,330 | 13.99 |
| 1959 | Mar. 12 | 2,440 | 5.50 | 1981 | Apr. 1 | 10,700 | 16.60 | | | | |

## 02423000 ALABAMA RIVER AT SELMA

LOCATION.--Lat 32°24'20", long 87°01'07", in SE$^1/_4$ sec. 36, T. 17 N., R. 10 E., Dallas County, Hydrologic Unit 03150201, on U.S. Highway 80 in Selma, 1 mi upstream from Valley Creek, and at mile 214.8.

DRAINAGE AREA.--17,095 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 61.80 ft NGVD 29.

REMARKS.--Flow regulated by reservoirs on Etowah, Coosa, and Tallapoosa Rivers.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1886 | Apr. 8 | 250,000 | 57.00 | 1923 | Feb. 17 | 95,000 | 36.20 | 1957 | Apr. 9 | 148,000 | 49.27 |
| 1888 | Mar. | 228,000[2] | -- | 1924 | Jan. 20 | 76,000 | 30.00 | 1958 | Mar. 10 | 110,000 | 39.58 |
| 1891 | Mar. 14 | 136,000 | 48.00 | 1925 | Jan. 22 | 190,000 | 53.60 | 1959 | Feb. 18 | 57,900 | 23.70 |
| 1892 | Jan. 19 | 179,000 | 54.00 | 1926 | Jan. 9 | 97,000 | 36.80 | 1960 | Apr. 6 | 97,200 | 36.30 |
| 1893 | Feb. 21 | 123,000 | 44.60 | 1927 | Feb. 17 | 101,000 | 37.80 | 1961 | Mar. 1 | 284,000 | 57.97 |
| 1894 | Feb. 17 | 81,000 | 30.50 | 1928 | Apr. 27 | 141,000 | -- | 1962 | Dec. 22 | 158,000 | 51.20 |
| 1895 | Mar. 20 | 117,000 | 42.60 | 1929 | Mar. 19 | 220,000 | 55.52 | 1963 | May 5 | 105,000 | 35.35 |
| 1896 | Feb. 11 | 87,000 | 32.80 | 1930 | Nov. 20 | 161,000 | 50.42 | 1964 | Apr. 12 | 199,000 | 53.39 |
| 1897 | Mar. 26 | 113,000 | 41.50 | 1931 | Nov. 20 | 68,500 | 27.85 | 1965 | Feb. 19 | 97,000 | 33.60 |
| 1898 | Oct. 11 | 75,000 | 28.50 | 1932 | Feb. 25 | 93,800 | 37.08 | 1966 | Feb. 19 | 130,000 | 45.80 |
| 1899 | Mar. 3 | 104,000 | 38.80 | 1933 | Jan. 1 | 164,000 | 50.76 | 1967 | Aug. 29 | 77,100 | 28.70 |
| 1900 | Feb. 17 | 128,000 | 48.00 | 1934 | Mar. 8 | 108,000 | 41.29 | 1968 | Jan. 13 | 88,700 | 33.03 |
| 1901 | Jan. 17 | 107,000 | 40.00 | 1935 | Mar. 10 | 92,600 | 36.73 | 1969 | May 22 | 90,100 | 32.95 |
| 1902 | Apr. 2 | 136,000 | 50.70 | 1936 | Feb. 10 | 177,000 | 53.10 | 1970 | Mar. 25 | 125,000 | 44.17 |
| 1903 | Feb. 15 | 136,000 | 50.60 | 1937 | May 6 | 117,000 | 42.32 | 1971 | Mar. 6 | 167,000 | 49.08 |
| 1904 | Aug. 10 | 60,700 | 23.10 | 1938 | Apr. 12 | 218,000 | 55.40 | 1972 | Jan. 13 | 150,000 | 47.73 |
| 1905 | Feb. 16 | 113,000 | 42.00 | 1939 | Aug. 19 | 151,000 | 53.81 | 1973 | Apr. 3 | 138,000 | 46.21 |
| 1906 | Mar. 24 | 138,000 | 50.40 | 1940 | Mar. 17 | 91,200 | 34.77 | 1974 | Jan. 4 | 98,000 | 36.71 |
| 1907 | Mar. 6 | 100,000 | 37.50 | 1941 | Mar. 10 | 44,900 | 19.55 | 1975 | Mar. 21 | 126,000 | 44.43 |
| 1908 | Feb. 20 | 116,000 | 43.00 | 1942 | Mar. 25 | 123,000 | 44.24 | 1976 | Apr. 3 | 178,000 | 49.83 |
| 1909 | Mar. 18 | 146,000 | 52.90 | 1943 | Mar. 25 | 165,000 | 52.40 | 1977 | Apr. 3 | 157,000 | 48.19 |
| 1910 | July 7 | 83,700 | 31.60 | 1944 | Apr. 28 | 153,000 | 49.80 | 1979 | Apr. 18 | 250,000 | 55.02 |
| 1911 | Jan. 7 | 78,100 | 29.60 | 1945 | Feb. 23 | 103,000 | 37.90 | 1980 | Apr. 1 | 174,000 | 49.38 |
| 1912 | Apr. 24 | 133,000 | 48.60 | 1946 | Jan. 10 | 139,000 | 46.80 | 1981 | Apr. 3 | 117,000 | 42.34 |
| 1913 | Mar. 19 | 135,000 | 49.40 | 1947 | Jan. 23 | 153,000 | 49.90 | 1982 | Feb. 5 | 137,000 | 46.28 |
| 1914 | Apr. 19 | 62,000 | 23.70 | 1948 | Feb. 15 | 111,000 | 40.70 | 1983 | Apr. 11 | 170,000 | 49.22 |
| 1915 | Feb. 6 | 95,000 | 35.40 | 1949 | Dec. 3 | 230,000 | 56.00 | 1984 | Dec. 8 | 130,000 | 44.91 |
| 1918 | Dec. 26 | 129,000 | 46.40 | 1952 | Mar. 27 | 101,000 | 37.23 | 1987 | Mar. 2 | 110,000 | 41.11 |
| 1919 | Dec. 14 | 228,000 | 55.90 | 1953 | May 10 | 112,000 | 40.20 | 1989 | June 24 | 155,000 | 48.00 |
| 1920 | Apr. 7 | 145,000 | 48.80 | 1954 | Jan. 25 | 76,100 | 29.70 | 1990 | Mar. 21 | 280,000 | 56.80 |
| 1921 | Feb. 14 | 120,000 | 43.50 | 1955 | Apr. 16 | 123,000 | 42.80 | | | | |
| 1922 | Mar. 14 | 150,000 | 49.60 | 1956 | Mar. 18 | 129,000 | 43.00 | | | | |

## 02423500 CAHABA RIVER NEAR ACTON

LOCATION.--Lat 33°21'48", long 86°48'47, in SE$^1/_4$ sec. 23, T. 19 S., R. 3 W., Jefferson County, Hydrologic Unit 03150202, on right bank at downstream side of highway bridge (Bains Bridge),

0.5 mi upstream from Patton Creek, 1 mi downstream from U.S. Highway 31, 1 mi northwest of Acton, 16 mi south of Birmingham, and at mile 136.8

DRAINAGE AREA.--230 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 375.00 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1939 | Feb. 28 | 5,570 | 19.03 | 1953 | Jan. 9 | 8,700 | 26.00 | 1991 | Feb. 20 | 7,350 | 22.14 |
| 1940 | Feb. 6 | 6,010 | 20.03 | 1954 | Jan. 16 | 7,690 | 23.60 | 1992 | Sept. 4 | 4,400 | 16.00 |
| 1941 | Aug. 3 | 4,800 | 17.10 | 1955 | Feb. 7 | 9,340 | 26.80 | 1993 | Jan. 13 | 8,100 | 24.51 |
| 1942 | Mar. 21 | 6,200 | 20.45 | 1956 | Apr. 6 | 6,590 | 21.20 | 1994 | July 27 | 4,400 | 16.06 |
| 1943 | Dec. 28 | 34,000 | 43.70 | 1957 | Apr. 5 | 10,500 | 29.40 | 1995 | Mar. 8 | 5,200 | 18.12 |
| 1944 | Mar. 29 | 9,000 | 26.43 | 1961 | Feb. 22 | 30,000 [7] | 42.66 | 1996 | Mar. 7 | 14,500 | 33.35 |
| 1945 | Feb. 13 | 6,900 | 22.00 | 1979 | Apr. 13 | 31,000 [7] | 42.84 | 1997 | June 15 | 6,480 | 20.99 |
| 1946 | Feb. 10 | 13,700 | 33.10 | 1984 | Dec. 3 | 15,000 | 34.62 | 1998 | Jan. 8 | 13,300 | 32.42 |
| 1947 | Jan. 20 | 10,800 | 29.30 | 1985 | Feb. 1 | 5,380 | 18.30 | 1999 | June 29 | 9,900 | 28.10 |
| 1948 | Feb. 9 | 6,180 | 20.30 | 1986 | July 21 | 1,820 | 8.05 | 2000 | Apr. 4 | 15,200 | 34.40 |
| 1949 | Nov. 29 | 23,000 | 39.80 | 1987 | Nov. 26 | 4,270 | 16.02 | 2001 | Apr. 4 | 12,100 | 30.85 |
| 1950 | Mar. 14 | 6,100 | 20.20 | 1988 | Jan. 20 | 3,230 | 12.82 | 2002 | Sept. 22 | 8,630 | 25.63 |
| 1951 | Mar. 29 | 17,800 | 36.80 | 1989 | Mar. 5 | 8,680 | 25.81 | 2003 | May 8 | 19,100 | 37.74 |
| 1952 | Dec. 21 | 7,720 | 24.30 | 1990 | Feb. 16 | 14,000 | 33.11 | | | | |

## 02423555 CAHABA RIVER NEAR HELENA

LOCATION.--Lat 33°17'04", long 86°52'57", in NE$^1/_4$ sec. 19, T. 20 S., R. 3 W., Shelby County, Hydrologic Unit 03150202, 2 mi southwest of Helena.

DRAINAGE AREA.--335 mi$^2$.

GAGE.--Crest-stage gage. Datum not available.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1961 | Feb. 22 | 36,000 [2,7] | -- | 1972 | Jan. 11 | 10,740 | 22.45 | 1997 | Mar. 1 | 7,890 | 18.16 |
| 1965 | Jan. 24 | 5,280 | 13.07 | 1973 | Apr. 1 | 6,620 | 15.85 | 1998 | Jan. 8 | 14,800 | 27.80 |
| 1966 | Apr. 28 | 9,180 | 20.30 | 1974 | Dec. 26 | 9,250 | 20.42 | 1999 | June 29 | 9,770 | 21.28 |
| 1967 | Aug. 27 | 4,520 | 11.29 | 1975 | Feb. 26 | 10,200 | 21.97 | 2000 | Apr. 4 | 18,200 [7] | 30.97 |
| 1969 | Jan. 20 | 8,660 | 19.43 | 1976 | Mar. 16 | 22,800 | 34.85 | 2001 | Apr. 5 | 12,400 | 25.14 |
| 1970 | Mar. 20 | 21,000 | 33.35 | 1977 | Apr. 6 | 13,700 | 26.70 | 2002 | Sept. 22 | 10,000 | 21.68 |
| 1971 | Feb. 6 | 8,260 | 18.76 | 1979 | Apr. 13 | 37,200 [2,7] | -- | 2003 | May 9 | 17,700 | 30.54 |

## 02423800 LITTLE CAHABA RIVER NEAR BRIERFIELD

LOCATION.--Lat 33°03'27", long 86°57'10", in SE$^1/_4$ sec. 15, T. 24 N., R. 11 E., Bibb County, Hydrologic Unit 03150202, on county road 33, 1.8 mi downstream from Mahan Creek, and 3 mi northwest of Brierfield.

DRAINAGE AREA.--147 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 325 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | Feb. 6 | 3,860 | 12.10 | 1963 | Apr. 30 | 4,160 | 12.70 | 1967 | Aug. 25 | 4,750 | 13.88 |
| 1959 | Mar. 12 | 1,700 | 7.30 | 1964 | Apr. 6 | 6,950 | 17.44 | 1968 | Apr. 5 | 6,330 | 16.62 |
| 1960 | Jan. 18 | 1,480 | 6.72 | 1965 | Apr. 7 | 3,540 | 11.53 | 1969 | Jan. 19 | 4,860 | 14.09 |
| 1961 | Feb. 21 | 10,000 | 21.07 | 1966 | Feb. 16 | 4,880 | 14.15 | 1970 | Mar. 20 | 9,820 | 20.89 |
| 1962 | Feb. 22 | 6,520 | 16.88 | | | | | | | | |

## 02424000 CAHABA RIVER AT CENTREVILLE

LOCATION.--Lat 32°56'42", long 87°08'21", in SE$^1/_4$ sec. 26, T. 23 N. R. 9 E., Bibb County, Hydrologic Unit 03150202, 60 ft downstream from U.S. Highway 82 bridge. 0.2 mi west of Centreville, 2.5 mi upstream from Sandy Creek, and at mile 81.2.

DRAINAGE AREA.--1,027 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 180.74 ft NGVD 29. Prior to Jan. 31, 1939, nonrecording gage at same site. Prior to May 1929, at datum 1.15 ft lower.

REMARKS.--Flow affected by regulation from Lake Purdy and diversion by Birmingham Water Works.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1902 | Mar. 28 | 100,000[7] | 36.70 | 1942 | June 13 | 43,000 | 30.48 | 1973 | Mar. 31 | 21,500 | 24.49 |
| 1903 | Feb. 8 | 51,000 | 31.60 | 1943 | Dec. 28 | 72,000 | 34.38 | 1974 | Jan. 1 | 31,800 | 28.01 |
| 1904 | Feb. 8 | 5,400 | 11.50 | 1944 | Mar. 29 | 31,600 | 28.02 | 1975 | Jan. 25 | 22,200 | 25.17 |
| 1905 | Feb. 9 | 25,000 | 25.90 | 1945 | May 13 | 30,100 | 27.63 | 1976 | Mar. 16 | 64,300 | 33.73 |
| 1906 | Mar. 19 | 84,000 | 35.50 | 1946 | Feb. 10 | 37,200 | 29.31 | 1977 | Mar. 30 | 46,700 | 31.15 |
| 1907 | May 15 | 23,000 | 25.20 | 1947 | Jan. 20 | 43,900 | 30.59 | 1978 | June 9 | 18,400 | 22.89 |
| 1916 | July 8 | 90,000 | 36.20 | 1948 | Feb. 9 | 24,800 | 26.00 | 1979 | Apr. 13 | 78,400 | 35.03 |
| 1917 | Mar. 4 | 28,550 | 27.10 | 1949 | Nov. 28 | 57,400 | 32.60 | 1980 | Mar. 13 | 42,400 | 30.33 |
| 1918 | Jan. -- | 17,600 | 21.50 | 1950 | Mar. 14 | 15,600 | 21.16 | 1981 | Feb. 11 | 21,600 | 24.98 |
| 1919 | Oct. 30 | 60,000 | 33.00 | 1951 | Mar. 29 | 76,000 | 34.80 | 1982 | Apr. 20 | 34,400 | 28.65 |
| 1920 | Dec. 9 | 59,000 | 32.80 | 1952 | Dec. 21 | 26,000 | 26.40 | 1983 | Feb. 2 | 34,000 | 28.55 |
| 1921 | Apr. 17 | 46,000 | 31.00 | 1953 | Jan. 10 | 22,000 | 24.60 | 1984 | Dec. 4 | 40,800 | 29.99 |
| 1922 | Mar. 11 | 22,500 | 25.00 | 1954 | Jan. 17 | 15,200 | 21.00 | 1985 | Feb. 6 | 17,000 | 21.60 |
| 1923 | Feb. 13 | 41,500 | 30.00 | 1955 | Apr. 14 | 28,800 | 27.05 | 1986 | Dec. 13 | 5,600 | 10.03 |
| 1924 | Feb. 24 | 17,600 | 21.50 | 1956 | Mar. 16 | 31,600 | 28.01 | 1987 | Jan. 19 | 39,500 [E] | 29.74 |
| 1925 | Jan. 18 | 36,000 | 29.10 | 1957 | Apr. 5 | 34,200 | 28.90 | 1988 | Jan. 20 | 14,200 | 20.10 |
| 1926 | Jan. -- | 20,500 | 24.00 | 1958 | Feb. 7 | 18,700 | 23.14 | 1989 | Mar. 6 | 22,400 | 24.68 |
| 1927 | Feb. 14 | 28,500 | 27.00 | 1959 | Jan. 21 | 11,100 | 16.84 | 1990 | Feb. 16 | 65,900 | 33.88 |
| 1928 | Apr. 22 | 38,200 | 29.50 | 1960 | Mar. 4 | 11,900 | 17.56 | 1991 | Feb. 20 | 26,300 | 26.50 |
| 1929 | Jan. 14 | 20,500 | 24.00 | 1961 | Feb. 23 | 80,000 | 35.35 | 1992 | Sept. 4 | 11,600 | 17.34 |
| 1930 | Nov. 15 | 67,000 | 34.00 | 1962 | Dec. 18 | 39,000 | 29.41 | 1993 | Jan. 21 | 18,800 | 23.17 |
| 1931 | Nov. 16 | 16,200 | 21.75 | 1963 | June 24 | 22,100 | 25.13 | 1994 | Apr. 16 | 13,900 | 19.73 |
| 1932 | Mar. 31 | 41,000 | 30.10 | 1964 | Apr. 6 | 31,800 | 28.06 | 1995 | Feb. 11 | 18,200 | 22.81 |
| 1933 | Mar. 30 | 32,000 | 28.00 | 1965 | Feb. 12 | 19,200 | 23.35 | 1996 | Mar. 7 | 33,400 | 28.42 |
| 1934 | Mar. 3 | 52,000 | 32.00 | 1966 | Feb. 16 | 29,300 | 27.40 | 1997 | Mar. 1 | 21,200 | 24.34 |
| 1935 | Mar. 7 | 32,000 | 28.00 | 1967 | Aug. 27 | 11,500 | 17.29 | 1998 | Jan. 8 | 41,800 | 30.21 |
| 1936 | Feb. 4 | 87,000 | 35.80 | 1968 | Apr. 5 | 21,000 | 24.30 | 1999 | Jan. 31 | 24,400 | 25.76 |
| 1937 | Mar. 20 | 35,000 | 28.80 | 1969 | Jan. 20 | 28,500 | 27.08 | 2000 | Apr. 4 | 36,300 | 29.09 |
| 1938 | Apr. 8 | 97,000 | 36.63 | 1970 | Mar. 20 | 45,100 | 30.86 | 2001 | Apr. 5 | 18,900 | 23.22 |
| 1939 | Aug. 16 | 50,000 | 31.56 | 1971 | Feb. 22 | 24,300 | 25.90 | 2002 | Jan. 25 | 17,200 | 22.10 |
| 1940 | Feb. 6 | 28,500 | 26.96 | 1972 | Jan. 11 | 36,400 | 29.13 | 2003 | May 19 | 24,200 | 25.47 |
| 1941 | Mar. 7 | 18,000 | 21.79 | | | | | | | | |

## 02424010 SANDY CREEK NEAR CENTREVILLE

LOCATION.--Lat 32°54”12”, long 87°00’09”, in NE$^1/_4$ sec. 7, T. 22 N., R. 11 E., Bibb County, Hydrologic Unit 03150202, at culvert on U.S. Highway 82, 8 mi southeast of Centreville, and about 10 mi upstream from mouth.

DRAINAGE AREA.--0.59 mi$^2$.

GAGE.--Water-stage recorder 1970-74. Crest-stage gage 1975-80, 1990-91. Datum of gage is 417 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1970 | Apr. 26 | 118 | -- | 1976 | Apr. 16 | 104 | 3.31 | 1992 | Sept. 4 | 426 | 7.40 |
| 1971 | May 12 | 180 | 4.45 | 1977 | -- | 95[4] | -- | 1993 | Aug. 7 | 97.0 | 3.18 |
| 1972 | Jan. 10 | 140 | 3.87 | 1978 | June 8 | 100 | 3.25 | 1994 | Mar. 24 | 150 | 4.01 |
| 1973 | June 19 | 313 | 6.14 | 1979 | Mar. 4 | 360 | 6.72 | 1995 | Apr. 21 | 151 | 4.03 |
| 1974 | Feb. 14 | 188 | 4.55 | 1980 | Mar. 14 | 490 | 8.14 | 1996 | Mar. 7 | 262 | 5.53 |
| 1975 | Apr. 15 | 146 | 3.96 | 1991 | June 20 | 524[7] | 8.38 | | | | |

## 02424500 CAHABA RIVER AT SPROTT

LOCATION.--Lat 32°40'05", long 87°14'30", in NE$^1/_4$ sec. 35, T. 20 N. R. 8 E., Perry County, Hydrologic Unit 03150202, on State Highways 14 and 183, 0.5 mi upstream from Goose Creek, 1 mi west of Sprott, 5.5 miles northeast of Marion, and at mile 47.6.

DRAINAGE AREA.--1,370 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 129.51 ft NGVD 29.

REMARKS.--Flow affected by regulation from Lake Purdy and diversion by Birmingham Water Works.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1938 | Apr. 9 | 84,000 | 28.55 | 1949 | Nov. 30 | 47,500 | 24.10 | 1960 | Mar. 5 | 10,300 | 13.70 |
| 1939 | Aug. 16 | 74,000 | 27.50 | 1950 | Mar. 15 | 13,100 | 15.70 | 1961 | Feb. 23 | 87,100 | 28.90 |
| 1940 | Feb. 7 | 22,500 | 19.65 | 1951 | Mar. 30 | 71,000 | 27.20 | 1962 | Dec. 19 | 32,800 | 21.78 |
| 1941 | Mar. 9 | 13,200 | 15.70 | 1952 | Dec. 22 | 15,000 [1] | -- | 1963 | June 25 | 17,500 | 17.80 |
| 1942 | Mar. 22 | 32,200 | 21.68 | 1953 | Jan. 12 | 17,700 | 18.00 | 1964 | Apr. 8 | 32,000 | 21.62 |
| 1943 | Dec. 29 | 70,500 | 27.17 | 1954 | Jan. 18 | 12,000 | 14.90 | 1965 | Feb. 14 | 16,300 | 17.23 |
| 1944 | Mar. 30 | 30,000 | 21.40 | 1955 | Apr. 15 | 24,500 | 20.15 | 1966 | Feb. 17 | 31,200 | 21.47 |
| 1945 | May 14 | 24,500 | 20.09 | 1956 | Mar. 17 | 30,000 | 21.42 | 1967 | Aug. 28 | 8,320 | 12.10 |
| 1946 | Feb. 12 | 28,000 | 20.90 | 1957 | Apr. 6 | 30,000 | 21.40 | 1968 | Apr. 7 | 17,500 | 17.83 |
| 1947 | Jan. 21 | 41,500 | 23.30 | 1958 | Feb. 8 | 15,700 | 17.10 | 1969 | Jan. 21 | 22,200 | 19.48 |
| 1948 | Feb. 11 | 21,500 | 19.30 | 1959 | Jan. 23 | 9,400 | 13.00 | | | | |

## 02424940 OAKMULGEE CREEK NEAR AUGUSTIN

LOCATION.--Lat 32°32'05", long 87°05'22", in SE$^1/_4$ sec. 17, T. 18 N., R. 10 E., Dallas-Perry County-line, Hydrologic Unit 03150202, on State Highway 219, 2 mi north of Augustin.
DRAINAGE AREA.--220 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 139.71 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1976 | Apr. 1 | 8,930 | 15.32 | 1980 | Mar. 22 | 5,100 | 12.48 | 1984 | Dec. 30 | 1,980 | 8.89 |
| 1977 | Mar. 31 | 4,500 | 11.93 | 1981 | Apr. 1 | 13,500[2] | 17.84 | 1985 | Feb. 28 | 1,660 [E] | 8.04 |
| 1978 | May 9 | 2,360 | 9.58 | 1982 | Feb. 4 | 5,000 | 12.41 | 1986 | May 19 | 440 | 4.86 |
| 1979 | Mar. 5 | 17,000[2] | 19.53 | 1983 | Apr. 10 | 7,900 | 14.71 | 1987 | Jan. 20 | 5,700 | 13.03 |

## 02425000 CAHABA RIVER MARION JUNCTION

LOCATION.--Lat 32°26'38", long 87°10'49", in SW$^1/_4$ sec. 16, T. 17 N., R. 9 E., Dallas County, Hydrologic Unit 03150202, on U.S. Highway 80, 3.8 mi downstream from Oakmulgee Creek, 3.5 mi east of Marion Junction, and 21.4 mi upstream from mouth.
DRAINAGE AREA.--1,766 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 86.72 ft NGVD 29.
REMARKS.--Flow affected by regulation from Lake Purdy, and diversion by Birmingham Water Works.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1938 | -- | 85,000[2] | -- | 1970 | Mar. 24 | 36,500 | 37.44 | 1987 | Jan. 22 | 32,500 | 35.98 |
| 1939 | Aug. 16 | 83,400 | 42.95 | 1971 | Mar. 6 | 27,200 | 33.50 | 1988 | Jan. 22 | 14,800 | 22.61 |
| 1940 | Feb. 9 | 22,000 | 29.73 | 1972 | Jan. 14 | 34,000 | 36.60 | 1989 | July 5 | 20,300 | 28.02 |
| 1941 | Mar. 10 | 14,800 | 22.40 | 1973 | Jan. 11 | 17,800[1] | 25.90 | 1990 | Feb. 18 | 76,000 | 41.21 |
| 1942 | Mar. 24 | 33,000 | 36.50 | 1974 | Jan. 4 | 23,100 | 30.35 | 1991 | Feb. 23 | 24,100 | 31.40 |
| 1943 | Dec. 30 | 77,600 | 41.50 | 1975 | Feb. 8 | 21,000 | 28.75 [2] | 1992 | Feb. 28 | 12,100 | 19.63 |
| 1944 | Apr. 1 | 35,000 | 37.40 | 1976 | Mar. 19 | 54,500 | 39.53 | 1993 | Jan. 24 | 21,500 | 29.12 |
| 1945 | Feb. 24 | 23,000 | 30.70 | 1977 | Apr. 1 | 46,600 | 38.86 | 1994 | Apr. 18 | 13,400 | 21.11 |
| 1946 | Feb. 14 | 31,000 | 35.10 | 1978 | Jan. 28 | 16,900 | 25.13 | 1995 | Mar. 11 | 19,600 | 27.29 |
| 1947 | Jan. 22 | 54,000 | 39.60 | 1979 | Apr. 15 | 73,900 | 41.13 | 1996 | Mar. 10 | 31,100 | 35.28 |
| 1948 | Feb. 13 | 25,000 | 32.00 | 1980 | Mar. 23 | 29,000 | 34.39 | 1997 | Mar. 3 | 22,500 | 29.95 |
| 1949 | Dec. 1 | 52,000 | 39.40 | 1981 | Apr. 2 | 27,000 | 33.37 | 1998 | Jan. 11 | 32,500 | 36.01 |
| 1950 | Mar. 17 | 12,500 | 20.90 | 1982 | Apr. 23 | 24,000 | 31.41 | 1999 | Feb. 3 | 26,700 | 33.12 |
| 1951 | Mar. 31 | 80,400 | 41.70 | 1983 | Apr. 11 | 33,500 | 36.37 | 2000 | Apr. 7 | 31,000 | 35.25 |
| 1952 | Dec. 24 | 17,500 | 27.30 | 1984 | Dec. 7 | 32,600 | 35.82 | 2001 | Apr. 7 | 21,000 | 28.69 |
| 1953 | Jan. 13 | 16,100 | 25.50 | 1985 | Feb. 8 | 16,900 | 24.77 | 2002 | Jan. 28 | 18,300 | 26.06 |
| 1954 | Jan. 19 | 10,600 | 18.40 | 1986 | Dec. 14 | 6,400 | 12.64 | 2003 | May 22 | 24,300 | 31.53 |
| 1961 | Feb. 24 | 92,000[7] | 43.80 | | | | | | | | |

## 02425200 BIG SWAMP CREEK NEAR ORRVILLE

LOCATION.--Lat 32°13'17", long 87°09'46", in NW$^1/_4$ sec. 3, T. 14 N., R. 9 E., Dallas County, Hydrologic Unit 03150203, 20 ft upstream from county road, 3 mi upstream from mouth, and 9.8 mi southeast of Orrville.
DRAINAGE AREA.--35.8 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 87.74 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1973 | Apr. 26 | 1,450 | 9.82 | 1978 | May 9 | 924 | 7.77 | 1982 | Feb. 2 | 1,320 | 9.40 |
| 1974 | Sept. 26 | 938 | 7.84 | 1979 | Apr. 4 | 3,330 | 14.05 | 1983 | Feb. 1 | 2,500 | 12.58 |
| 1975 | Feb. 17 | 1,290 | 9.31 | 1980 | Mar. 28 | 2,640 | 12.87 | 1984 | Dec. 28 | 923 | 7.78 |
| 1976 | Mar. 31 | 3,320 | 14.03 | 1981 | Apr. 1 | 1,430 | 9.78 | 1985 | Feb. 5 | 441$^E$ | 5.38 |
| 1977 | Apr. 3 | 1,040 | 8.37 | | | | | | | | |

## 02425500 CEDAR CREEK AT MINTER

LOCATION.--Lat 32°04'45", long 86°59'02", in SE$^1/_4$ sec. 20, T. 13 N., R. 11 E., Dallas County, Hydrologic Unit 03150203, on county road, 0.2 mi downstream from Snake Creek, 0.5 mi east of Minter, and 4 mi upstream from Dry Cedar Creek.
DRAINAGE AREA.--211 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 123.50 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1953 | May 3 | 7,300 | 19.40 | 1963 | Jan. 20 | 5,700 | 16.48 | 1973 | Apr. 26 | 7,770 | 19.99 |
| 1954 | Dec. 5 | 5,500 | 16.26 | 1964 | Apr. 28 | 6,300 | 17.71 | 1974 | Jan. 21 | 4,900 | 14.72 |
| 1955 | Apr. 10 | 7,200 | 19.15 | 1965 | Jan. 24 | 8,100 | 20.10 | 1975 | Feb. 17 | 99,800 | 26.53 |
| 1956 | Apr. 6 | 5,700 | 16.70 | 1966 | Mar. 4 | 6,000 | 17.11 | 1976 | Mar. 31 | 8,000 | 20.13 |
| 1957 | Dec. 24 | 10,500 | 21.50 | 1967 | Sept. 12 | 5,700 | 16.59 | 1977 | Mar. 13 | 6,280 | 17.82 |
| 1958 | Mar. 7 | 8,500 | 20.50 | 1968 | Mar. 12 | 4,820 | 14.75 | 1978 | Jan. 26 | 8,260 | 20.30 |
| 1959 | Mar. 28 | 6,000 | 17.10 | 1969 | Mar. 24 | 5,400 | 15.64 | 1979 | Apr. 4 | 8,440 | 20.40 |
| 1960 | Apr. 3 | 7,500 | 19.49 | 1970 | Mar. 21 | 6,300 | 17.85 | 1980 | Mar. 28 | 7,750 | 19.86 |
| 1961 | Feb. 25 | 45,600 | 24.58 | 1971 | Mar. 3 | 7,200 | 19.15 | 1981 | Feb. 10 | 6,300 | 17.87 |
| 1962 | Mar. 1 | 6,600 | 18.34 | 1972 | Mar. 2 | 14,500 | 22.46 | 1982 | Feb. 3 | 8,520 | 20.45 |

## 02425655 MUSH CREEK NEAR SELMA

LOCATION.--Lat 32°14'40", long 86°59'35", in SW$^{1/}_{4}$ sec. 29, T. 15 N., R. 11 E., Dallas County, Hydrologic Unit 03150203, at bridge on State Highway 41, 3 mi south of Sardis, and 12 mi south of Selma.
DRAINAGE AREA.--44.4 mi$^2$.
GAGE.--Crest-stage gage. Datum not available.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Apr. 22 | 3,900 | 11.50 | 1959 | Mar. 12 | 2,100 | 9.70 | 1966 | May 20 | 8,260 | 14.45 |
| 1952 | Mar. 25 | 2,000 | 9.50 | 1960 | Mar. 30 | 6,500 | 13.40 | 1967 | Feb. 7 | 3,540 | 11.13 |
| 1953 | May 4 | 12,500 | 16.50 | 1961 | Mar. 31 | 13,000 | 16.89 | 1968 | Apr. 6 | 5,540 | 12.74 |
| 1954 | Mar. 14 | 1,400 | 8.70 | 1962 | Dec. 13 | 19,100 | 19.11 | 1969 | Mar. 24 | 4,620 | 12.05 |
| 1955 | Apr. 11 | 22,100 | 20.10 | 1963 | June 23 | 3,240 | 10.85 | 1970 | Mar. 21 | 2,220 | 9.76 |
| 1956 | Mar. 16 | 5,600 | 12.80 | 1964 | Mar. 15 | 13,100 | 16.95 | 1971 | Mar. 2 | 5,580 | 12.77 |
| 1957 | Apr. 17 | 4,700 | 12.10 | 1965 | Jan. 23 | 6,240 | 13.23 | 1990 | Mar. 16 | 15,000[7] | 17.76 |
| 1958 | Mar. 7 | 11,000 | 15.90 | | | | | | | | |

## 02426000 BOGUECHITTO CREEK NEAR BROWNS

LOCATION.--Lat 32°26'21", long 87°20'06", in NW$^{1}/_{4}$ sec. 24, T. 17 N., R. 7 E., Dallas County, Hydrologic Unit 03150203, on U.S. Highway 80, 0.3 mi upstream from Southern Railway bridge, 2 mi east of Browns, and 2.5 mi downstream from Washington Creek.
DRAINAGE AREA.--95.4 mi$^2$.
GAGE.--Water-stage gage. Datum of gage is 129.39 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1943 | Dec. 28 | 19,500 | 20.70 | 1954 | Apr. 16 | 2,700 | 14.06 | 1965 | Jan. 23 | 2,700 | 14.12 |
| 1944 | Mar. 23 | 7,000 | 16.40 | 1955 | Apr. 13 | 4,930 | 15.50 | 1966 | Feb. 13 | 3,440 | 14.75 |
| 1945 | Mar. 26 | 9,440 | 17.16 | 1956 | Mar. 14 | 5,170 | 15.60 | 1967 | Feb. 7 | 2,400 | 13.72 |
| 1946 | Mar. 28 | 2,800 | 14.31 | 1957 | Apr. 4 | 820 | 8.90 | 1968 | Apr. 5 | 4,500 | 15.31 |
| 1947 | Jan. 20 | 7,800 | 16.60 | 1958 | Mar. 7 | 3,310 | 14.70 | 1969 | Apr. 18 | 5,200 | 15.61 |
| 1948 | Mar. 23 | 3,500 | 14.80 | 1960 | Oct. 15 | 2,050 | 13.20 | 1970 | Mar. 20 | 2,640 | 14.09 |
| 1949 | Feb. 16 | 3,300 | 14.60 | 1961 | Feb. 22 | 5,540 | 15.75 | 1971 | Mar. 2 | 5,880 | 15.88 |
| 1950 | May 21 | 1,175 | 10.60 | 1962 | Dec. 18 | 4,200 | 15.08 | 1972 | Jan. 5 | 5,980 | 15.92 |
| 1951 | Mar. 29 | 14,200 | 19.00 | 1963 | Mar. 6 | 3,490 | 14.80 | 1973 | Apr. 2 | 3,500 | 14.93 |
| 1952 | Mar. 4 | 5,670 | 15.80 | 1964 | Apr. 8 | 10,200 | 17.51 | 1979 | Apr. 13 | 10,600 | 17.64 |
| 1953 | Feb. 21 | 2,850 | 14.30 | | | | | | | | |

## 02427250 PINE BARREN CREEK NEAR SNOW HILL

LOCATION.--Lat 31°59'46", long 87°04'06", in SE$^1/_4$ sec. 21, T. 12 N., R. 10 E., Wilcox County, Hydrologic Unit 03150203, at bridge on State Highway 21, 4 mi west of Snow Hill.
DRAINAGE AREA.--261 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 126.60 ft NGVD 29 (levels by Highway Department).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1990 | Mar. 17 | 23,900 | 24.30 | 1995 | Mar. 8 | 4,950 | 17.58 | 2000 | Mar. 20 | 2,740 | 13.65 |
| 1991 | May. 11 | 5,160 | 17.93 | 1996 | Jan. 28 | 8,570 | 21.48 | 2001 | Mar. 4 | 30,400 | 25.70 |
| 1992 | Feb. 18 | 4,870 | 17.44 | 1996 | Dec. 2 | 5,870 | 19.07 | 2002 | Mar. 22 | 3,610 | 16.07 |
| 1992 | Dec. 18 | 10,100 | 22.19 | 1998 | Sept. 30 | 28,600 | 24.73 | 2002 | Dec. 25 | 10,800 | 21.28 |
| 1993 | Nov. 15 | 4,210 | 16.26 | 1999 | Mar. 15 | 7,190 | 20.48 | | | | |

## 02427300 PRAIRIE CREEK NEAR OAK HILL

LOCATION.--Lat 31°55'37", long 87°06'21", in NW$^1/_4$ sec. 18, T. 11 N., R. 10 E., Wilcox County, Hydrologic Unit 03150203, on State Highway 10, 1.4 mi west of Oak Hill and about 6 mi upstream from mouth.
DRAINAGE AREA.--10.3 mi$^2$.
GAGE.--Water-stage recorder 1960-70. Crest-stage gage 1971-74. Datum of gage is 220 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1960 | May 7 | 1,320 | 12.32 | 1965 | July 29 | 1,210 | 11.43 | 1970 | Mar. 21 | 868 | 9.16 |
| 1961 | Feb. 24 | 1,690 | 14.15 | 1966 | Feb. 28 | 831 | 8.82 | 1971 | Mar. 25 | 1,040 | 10.30 |
| 1962 | Dec. 12 | 748 | 9.12 | 1967 | Oct. 15 | 1,700 | 14.19 | 1972 | Mar. 2 | 1,860 | 15.00 |
| 1963 | Jan. 20 | 652 | 8.48 | 1968 | Dec. 18 | 746 | 8.30 | 1973 | Mar. 31 | 1,480 | 13.08 |
| 1964 | Apr. 27 | 854 | 9.07 | 1969 | Mar. 23 | 819 | 8.82 | 1974 | Apr. 14 | 833 | 8.92 |

## 02427500 ALABAMA RIVER NEAR MILLERS FERRY

LOCATION.--Lat 32°06'52", long 87°23'58", in NW$^1/_4$ sec. 8, T. 13 N., R. 7 E., Wilcox County, Hydrologic Unit 03150203, on State Highway 28, just downstream from Prairie Creek, and 2.25 mi northwest of Millers Ferry.
DRAINAGE AREA.--20,600 mi$^2$.
GAGE.--Nonrecording gage. Datum of gage is 26.82 ft NGVD 29.
REMARKS.--Flow regulated by reservoirs on Etowah, Coosa, and Tallapoosa Rivers.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | Mar. -- | 238,000 | 56.80 | 1940 | Mar. 16 | 104,000 | -- | 1948 | Feb. 15 | 129,000 | 45.40 |
| 1932 | Feb. 26 | 107,000 | 41.90 | 1941 | Mar. 10 | 58,600 | 26.70 | 1949 | Dec. 5 | 225,000 | 56.20 |
| 1933 | Jan. 4 | 173,000 | 51.80 | 1942 | Mar. 27 | 132,000 | 47.40 | 1950 | Mar. 19 | 90,200 | 35.20 |
| 1934 | Mar. 9 | 122,000 | 45.00 | 1943 | Mar. 27 | 184,000 | 52.90 | 1951 | Apr. 5 | 155,000 | 49.90 |
| 1935 | Mar. 13 | 117,000 | 43.70 | 1944 | May 2 | 174,000 | 51.70 | 1952 | Dec. 24 | 113,000 | 39.63 |
| 1936 | Feb. 12 | 187,000 | 53.10 | 1945 | Feb. 24 | 112,000 | 42.80 | 1953 | Feb. 28 | 127,000 | 44.90 |
| 1937 | May 9 | 129,000 | 46.20 | 1946 | Jan. 13 | 150,000 | 49.30 | 1954 | Jan. 27 | 85,300 | 33.80 |
| 1938 | Apr. 14 | 237,000 | 56.60 | 1947 | Jan. 26 | 172,000 | 51.50 | 1961 | Mar. 3 | 284,000 [7] | 60.00 |
| 1939 | Aug. 20 | 206,000 | 54.80 | | | | | | | | |

## 02427700 TURKEY CREEK AT KIMBROUGH

LOCATION.--Lat 32°01'15", long 87°33'30", in SE$^1/_4$ sec. 10, T. 12 N., R. 5 E., Wilcox County, Hydrologic Unit 03150203, on county road, 0.6 mi downstream from State Highway 5, 1 mi south of Kimbrough, 2 mi upstream from mouth, and 6 mi upstream from Alabama River.
DRAINAGE AREA.--97.5 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 58.78 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | Mar. 8 | 6,000 | 18.03 | 1971 | Mar. 3 | 6,290 | 18.44 | 1984 | Dec. 28 | 2,850 | 11.82 |
| 1959 | Apr. 1 | 1,900 | 6.51 | 1972 | Dec. 7 | 4,940 | 16.33 | 1985 | Feb. 26 | 2,070 | 7.64 |
| 1960 | June 2 | 7,310 | 19.90 | 1973 | Mar. 7 | 8,800 | 20.64 | 1986 | June 10 | 1,550 | 5.41 |
| 1961 | Mar. 31 | 10,300 | 21.39 | 1974 | Sept. 9 | 6,150 | 18.24 | 1987 | Mar. 1 | 2,990 | 12.35 |
| 1962 | Dec. 10 | 39,600 | 25.02 | 1975 | Feb. 17 | 6,870 | 19.24 | 1988 | Sept. 4 | 1,780 | 6.25 |
| 1963 | Mar. 6 | 2,090 | 7.46 | 1976 | Mar. 31 | 9,340 | 20.92 | 1989 | Apr. 5 | 2,750 | 11.37 |
| 1964 | Apr. 8 | 6,210 | 18.33 | 1977 | Mar. 13 | 5,620 | 17.47 | 1990 | Mar. 16 | 14,600 | 22.61 |
| 1965 | Jan. 24 | 8,370 | 20.40 | 1978 | May 9 | 2,690 | 11.18 | 1991 | Mar. 30 | 3,090 | 12.66 |
| 1966 | Feb. 13 | 2,730 [1] | 11.35 [2] | 1979 | Mar. 4 | 20,000 | 23.37 | 1992 | Feb. 17 | 2,680 | 11.06 |
| 1967 | Feb. 7 | 2,250 | 8.31 | 1980 | Mar. 28 | 5,500 | 19.12 | 1993 | Jan. 21 | 6,040 | 18.06 |
| 1968 | Oct. 31 | 8,220 | 20.27 | 1981 | Feb. 11 | 3,210 | 13.03 | 1994 | Feb. 6 | 4,990 | 16.41 |
| 1969 | Mar. 24 | 2,460 | 9.75 | 1982 | Feb. 3 | 3,320 | 13.30 | 1995 | Mar. 8 | 2,580 | 10.45 |
| 1970 | Aug. 10 | 3,840 | 14.30 | 1983 | Feb. 2 | 8,520 | 20.49 | 1996 | Dec. 19 | 5,150 | 16.66 |

## 02427875 PURSLEY CREEK NEAR CAMDEN

LOCATION.--Lat 31°57'21", long 87°20'15", in SW$^1/_4$NE$^1/_4$ sec. 2, T. 11 N., R. 7 E., Wilcox County, Hydrologic Unit 03150203, at bridge on State Highway 41, 1.2 mi northeast of Pebble Hill, 3.5 mi southwest of Camden.
DRAINAGE AREA.--64.3 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 58.78 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Mar. 29 | 3,200 | 13.50 | 1959 | June 11 | 3,700 | 14.80 | 1965 | Jan. 23 | 4,050 | 15.56 |
| 1953 | Apr. 6 | 2,600 | 12.00 | 1960 | Aug. 5 | 2,600 | 11.90 | 1966 | Mar. 5 | 3,120 | 13.63 |
| 1954 | Dec. 4 | 630 | 5.82 | 1961 | Mar. 31 | 11,400 | 25.90 | 1967 | Feb. 7 | 2,590 | 12.30 |
| 1955 | Apr. 11 | 7,000 | 20.30 | 1962 | Apr. 29 | 2,050 | 10.95 | 1968 | Apr. 5 | 2,410 | 11.86 |
| 1956 | Mar. 16 | 3,050 | 13.30 | 1963 | Jan. 20 | 2,390 | 11.80 | 1969 | May 19 | 2,980 | 13.28 |
| 1957 | Apr. 5 | 7,000 | 20.40 | 1964 | Apr. 8 | 6,260 | 19.03 | 1970 | Mar. 22 | 3,070 | 13.49 |
| 1958 | Mar. 7 | 5,400 | 17.70 | | | | | | | | |

## 02428500 BIG FLAT CREEK NEAR FOUNTAIN

LOCATION.--LAT 31°36'30", LONG 87°24'53", IN NE$^1/_4$ SEC. 1, T. 7 N., R. 6 E., MONROE COUNTY, HYDROLOGIC UNIT 03150204, ON STATE HIGHWAY 41, 1 MI NORTHWEST OF FOUNTAIN, 2 MI UPSTREAM FROM BRADLEY MILL CREEK, 8 MI UPSTREAM FROM MOUTH, AND 8 MI NORTHWEST OF MONROEVILLE.
DRAINAGE AREA.--247 MI$^2$.
GAGE.--WATER-STAGE RECORDER. DATUM OF GAGE IS 45.43 FT NGVD 29.

| Water year | Date | Discharge (ft$^{3/}$s) | Gage height (feet) | Water year | Date | Discharge (ft$^{3/s)}$ | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1944 | Apr. 27 | 17,300 | 21.19 | 1953 | Apr. 9 | 2,790 | 11.40 | 1962 | Dec. 14 | 5,900 | 16.45 |
| 1945 | Apr. 29 | 3,250 | 12.68 | 1954 | Dec. 6 | 2,210 | 9.70 | 1963 | Jan. 20 | 2,710 | 11.18 |
| 1946 | May 21 | 9,700 | 18.90 | 1955 | Apr. 15 | 6,220 | 16.80 | 1964 | Apr. 16 | 5,890 | 16.43 |
| 1947 | Apr. 3 | 7,950 | 18.17 | 1956 | July 8 | 3,960 | 13.93 | 1965 | Jan. 25 | 4,280 | 14.40 |
| 1948 | Dec. 11 | 8,900 | 18.70 | 1957 | Apr. 6 | 15,100 | 20.70 | 1966 | Oct. 1 | 6,210 | 16.79 |
| 1949 | Nov. 27 | 29,800 | 23.20 | 1958 | Mar. 10 | 3,160 | 12.40 | 1967 | Feb. 8 | 1,970 | 8.90 |
| 1950 | July 30 | 2,860 | 11.60 | 1959 | June 11 | 6,040 | 16.60 | 1968 | Dec. 12 | 1,510 | 7.41 |
| 1951 | Apr. 21 | 4,490 | 14.70 | 1960 | Mar. 31 | 6,040 | 16.65 | 1969 | Mar. 25 | 2,550 | 10.72 |
| 1952 | Mar. 24 | 1,820 | 8.40 | 1961 | Feb. 25 | 21,300 | 22.00 | 1970 | Mar. 24 | 3,380 | 12.87 |

## 02429000 LIMESTONE CREEK NEAR MONROEVILLE

LOCATION.--Lat 31°33'43", long 87°21'02", in NE$^1/_4$ sec. 22, T. 7 N., R. 7 E., Monroe County, Hydrologic Unit 03150204, on State Highway 41, 3 mi northwest of Monroeville, and 10 mi upstream from mouth.
DRAINAGE AREA.--121 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 104.88 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | Mar. 1 | -- | 22.00 | 1959 | June 10 | 2,180 | 8.29 | 1967 | Jan. 1 | 2,710 | 8.64 |
| 1952 | Mar. 23 | 3,200 | 9.02 | 1960 | Mar. 30 | 4,660 | 9.95 | 1968 | Dec. 11 | 1,400 | 7.21 |
| 1953 | Dec. 10 | 1,575 | 7.40 | 1961 | Feb. 25 | 30,600 | 16.28 | 1969 | Mar. 24 | 2,210 | 8.20 |
| 1954 | Dec. 4 | 3,950 | 9.50 | 1962 | Mar. 31 | 11,200 | 12.35 | 1970 | June 3 | 3,190 | 8.98 |
| 1955 | Apr. 14 | 8,600 | 11.50 | 1963 | Mar. 6 | 1,600 | 7.47 | 1971 | Mar. 3 | 3,890 | 9.42 |
| 1956 | July 8 | 5,100 | 10.13 | 1964 | Apr. 27 | 5,530 | 10.28 | 1972 | Mar. 3 | 1,370 | 7.03 |
| 1957 | Dec. 23 | 6,000 | 10.57 | 1965 | Sept. 30 | 10,200 | 12.05 | 1973 | Mar. 31 | 7,190 | 11.03 |
| 1958 | Nov. 14 | 2,700 | 8.62 | 1966 | Oct. 1 | 9,690 | 11.90 | | | | |

## 02429500 ALABAMA RIVER AT CLAIBORNE

LOCATION.--Lat 31°32'49", long 87°31'00", in NE$^1/_4$ sec. 25, T. 7 N., R. 5 E., Monroe County, Hydrologic Unit 03150204, on U.S. Highway 84 at Claiborne, 0.5 mi downstream from Limestone Creek, 12 mi west of Monroeville, and at mile 76.1.
DRAINAGE AREA.--21,967 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 0.4 ft NGVD 29.
REMARKS.--Flow regulated by Etowah, Coosa, Tallapoosa, and Alabama Rivers.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | Mar. 25 | 257,000[2] | 54.60 | 1945 | May 1 | 114,000 | 41.40 | 1960 | Apr. 8 | 112,000 | 40.94 |
| 1931 | Nov. 22 | 72,800 | 33.02 | 1946 | Jan. 17 | 150,000 | 45.90 | 1961 | Mar. 7 | 267,000 | 55.15 |
| 1932 | Feb. 27 | 114,000 | 40.90 | 1947 | Jan. 29 | 163,000 | 47.20 | 1962 | Dec. 26 | 178,000 | 48.83 |
| 1933 | Jan. 6 | 172,000 | 47.96 | 1948 | Feb. 19 | 128,000 | 43.10 | 1966 | Feb. 23 | 148,000 | 45.60 |
| 1934 | Mar. 11 | 122,000 | 42.26 | 1949 | Dec. 9 | 219,000 | 52.00 | 1967 | Aug. 31 | 79,500 | 33.43 |
| 1935 | Mar. 14 | 122,000 | 42.30 | 1950 | Mar. 21 | 84,900 | 35.80 | 1968 | Jan. 16 | 101,000 | 38.56 |
| 1936 | Feb. 15 | 183,000 | 49.00 | 1951 | Apr. 8 | 148,000 | 45.70 | 1969 | May 24 | 98,200 | 37.41 |
| 1937 | May 10 | 128,000 | 43.20 | 1952 | Mar. 31 | 107,000 | 39.80 | 1970 | Mar. 29 | 140,000 | 44.70 |
| 1938 | Apr. 16 | 227,000 | 52.25 | 1953 | Mar. 1 | 124,000 | 42.60 | 1971 | Mar. 10 | 173,000 | 48.32 |
| 1939 | Aug. 24 | 197,000 | 50.12 | 1954 | Jan. 27 | 81,300 | 34.89 | 1973 | Apr. 7 | 160,000 | 46.45 |
| 1940 | Mar. 19 | 99,200 | 38.47 | 1955 | Apr. 20 | 135,000 | 44.14 | 1975 | Feb. 22 | 170,000 | 47.95 |
| 1941 | Mar. 11 | 59,800 | 30.00 | 1956 | Mar. 23 | 128,000 | 43.15 | 1979 | Apr. 22 | 217,000 | 51.29 |
| 1942 | Mar. 29 | 134,000 | 43.96 | 1957 | Apr. 14 | 155,000 | 46.35 | 1980 | Apr. 3 | 207,000 | 50.57 |
| 1943 | Mar. 29 | 183,000 | 49.00 | 1958 | Mar. 13 | 119,000 | 42.00 | 1981 | Apr. 5 | 132,000 | 43.38 |
| 1944 | May 4 | 168,000 | 47.70 | 1959 | June 10 | 71,200 | 31.70 | | | | |

## 02429595 LITTLE RIVER NEAR URIAH

LOCATION.--Lat 31°14'35", long 87°36'57", in NW$^1/_4$ sec. 7, T. 3 N., R. 5 E., Escambia County, Hydrologic Unit 03150204, on county road, 7 mi northwest of McCullough.
DRAINAGE AREA.--99.2 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 130 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1969 | May 19 | 2,525 | 8.88 | 1973 | Mar. 31 | 1,780 | 7.33 | 1977 | Sept. 17 | 1,730 | 7.21 |
| 1970 | June 3 | 1,660 | 7.01 | 1974 | Sept. 8 | 12,500 | 16.14 | 1978 | Jan. 25 | 3,180 | 9.94 |
| 1971 | Dec. 16 | 3,900 | 10.77 | 1975 | Apr. 10 | 8,270 | 14.15 | 1979 | Mar. 4 | 4,300 | 11.20 |
| 1972 | May 8 | 2,480 | 8.83 | 1976 | May 15 | 1,050 | 5.00 | | | | |

## 02429650 MAJORS CREEK NEAR TENSAW

LOCATION.--Lat 31°07'41", long 87°49'07", in SW$^1/_4$ sec. 18, T. 2 N., R. 3 E., Baldwin County, Hydrologic Unit 03160204, at bridge on State Highway 59, 2 mi southwest of Tensaw.
DRAINAGE AREA.--44.4 mi$^2$.
GAGE.--Crest-stage gage. Datum not available.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1971 | Dec. 20 | 3,590 | 13.86 | 1975 | July 31 | 3,600 | 13.88 | 1979 | -- | 661[A,B] | 5.83 |
| 1972 | May 9 | 2,000 | 11.07 | 1976 | Jan. 26 | 2,400 | 11.93 | 1980 | Apr. 13 | 5,400 | 16.29 |
| 1973 | Feb. 15 | 1,760 | 10.57 | 1977 | Jan. 15 | 1,030 | 8.15 | 1981 | Feb. 11 | 4,900 | 15.65 |
| 1974 | Sept. 8 | 2,890 | 12.79 | 1978 | Jan. 26 | 3,010 | 12.98 | | | | |

## 02437800 BARN CREEK NEAR HACKLEBURG

LOCATION.--Lat 34°10'34", long 87°47'21", in NW$^1/_4$ sec. 22, T. 10 S., R. 12 W., Marion County, Hydrologic Unit 03160103, on county road, 4 mi upstream from mouth, and 8 mi southeast of Hackleburg.
DRAINAGE AREA.--13.1 mi$^2$.
GAGE.--Water-stage recorder 1959-70. Crest-stage gage 1971-73. Datum of gage is 575 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1959 | Aug. 31 | 466 | -- | 1964 | Apr. 7 | 1,010 | 6.59 | 1969 | Feb. 2 | 926 | 6.16 |
| 1960 | Mar. 2 | 935 | 6.84 | 1965 | Mar. 25 | 972 | 6.39 | 1970 | Apr. 25 | 2,000 | 10.25 |
| 1961 | Feb. 21 | 960 | 6.33 | 1966 | Apr. 21 | 606 | 4.56 | 1971 | Feb. 26 | 1,030 | 6.66 |
| 1962 | Apr. 11 | 3,960 | 13.39 | 1967 | Apr. 26 | 1,220 | 7.62 | 1972 | Jan. 4 | 982 | 6.44 |
| 1963 | May 26 | 2,480 | 11.27 | 1968 | Dec. 18 | 3,110 | 12.23 | 1973 | Mar. 16 | 5,160 | 14.76 |

## 02438000 BUTTAHATCHEE RIVER BELOW HAMILTON

LOCATION.--Lat 34°06'22", long 87°59'22", in NE$^{1}/_{4}$ sec. 15, T. 11 S., R. 14 W., Marion County, Hydrologic Unit 03160103, on U.S. Highway 78, 0.5 mi downstream from Woods Creek, 2 mi south of Hamilton, and at mile 82.6.

DRAINAGE AREA.--277 mi$^{2}$.

GAGE.--Water-stage recorder. Datum of gage is 360.50 ft NGVD 29.

| Water year | Date | Discharge (ft$^{3}$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^{3}$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^{3}$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Mar. 29 | 24,200 | 26.30 | 1969 | Feb. 2 | 13,500 | 18.90 | 1988 | Sept. 17 | 7,850 | 13.32 |
| 1952 | Dec. 8 | 18,900 | 23.46 | 1970 | Dec. 30 | 23,300 | 26.13 | 1989 | Feb. 28 | 15,300 | 21.99 |
| 1953 | Apr. 30 | 15,000 | 20.10 | 1971 | Feb. 26 | 15,600 | 20.71 | 1990 | Oct. 1 | 12,900 | 19.90 |
| 1954 | Jan. 22 | 15,200 | 20.30 | 1972 | Jan. 4 | 15,400 | 20.61 | 1991 | Dec. 23 | 29,000 | 28.87 |
| 1955 | Mar. 21 | 17,200 | 22.10 | 1973 | Mar. 16 | 49,500 | 35.49 | 1992 | Dec. 2 | 22,700 | 26.24 |
| 1956 | Feb. 3 | 13,500 | 18.90 | 1975 | Mar. 13 | 24,000 | 26.95 | 1993 | Mar. 23 | 11,300 | 18.25 |
| 1957 | Jan. 31 | 11,000 | 16.60 | 1976 | Oct. 17 | 16,200 | 22.92 | 1994 | Feb. 11 | 20,600 | 25.27 |
| 1958 | Nov. 17 | 10,200 | 15.80 | 1977 | Mar. 4 | 27,700 | 28.23 | 1995 | Feb. 16 | 13,300 | 20.29 |
| 1959 | Feb. 13 | 4,770 | 9.50 | 1978 | May 8 | 14,500 | 21.39 | 1996 | Dec. 18 | 6,890 | 13.05 |
| 1960 | Mar. 2 | 15,100 | 20.20 | 1979 | Mar. 4 | 16,200 | 21.22 | 1997 | May 3 | 22,000 | 25.92 |
| 1961 | Feb. 21 | 15,400 | 20.58 | 1980 | Mar. 17 | 19,000 | 23.39 | 1998 | Jan. 7 | 15,900 | 22.54 |
| 1962 | Apr. 11 | 23,000 | 26.75 | 1981 | Mar. 30 | 8,000 | 13.98 | 1999 | Jan. 23 | 15,300 | 21.97 |
| 1963 | May 26 | 21,900 | 25.90 | 1982 | Jan. 3 | 17,600 | 22.32 | 2000 | Apr. 3 | 13,300 | 20.29 |
| 1964 | Apr. 13 | 10,600 | 16.18 | 1983 | May 19 | 23,500 | 26.56 | 2001 | Apr. 4 | 17,500 | 23.40 |
| 1965 | Feb. 12 | 14,500 | 19.84 | 1984 | Dec. 3 | 19,900[E] | 24.10 | 2002 | May 3 | 19,000 | 24.38 |
| 1966 | Apr. 21 | 7,250 | 12.65 | 1985 | May 2 | 21,600 | 25.10 | 2003 | Feb. 22 | 15,400 | 22.06 |
| 1967 | Apr. 26 | 11,000 | 16.65 | 1986 | May 28 | 5,550 | 10.58 | | | | |
| 1968 | Dec. 18 | 27,900 | 28.33 | 1987 | Nov. 26 | 14,500 | 19.71 | | | | |

## 02439000 BUTTAHATCHEE RIVER NEAR SULLIGENT

LOCATION.--Lat 33°55'08", long 88°08'47", in NE$^1/_4$ sec. 19, T. 13 S., R. 15 W., Lamar County, Hydrologic Unit 03160103, on State Highway 17, 1 mi upstream from Bogue Creek, 1.5 mi northwest of Sulligent, and 2 mi downstream from Beaver Creek.

DRAINAGE AREA.--472 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 287.58 ft sea level. Prior to June 1, 1942, nonrecording gage at site 500 ft upstream at datum 1.00 ft higher. July 1, 1942 to Sept. 30, 1971, nonrecording gage at present site and datum. Nov. 3, 1948 to Sept. 30, 1971, supplemental nonrecording gage on side channel at datum 10.00 ft lower. Since Aug. 12, 1971, supplemental water-stage recorder on side channel at datum 10.00 ft lower.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | -- | 12,500 [2] | -- | 1948 | Feb. 13 | 25,400 | 15.10 | 1967 | Apr. -- | 12,200 [2] | -- |
| 1930 | -- | 11,500 [2] | -- | 1949 | Jan. 5 | 27,400 | 15.50 | 1968 | Dec. -- | 25,700 [2] | -- |
| 1931 | -- | 1,500 [2] | -- | 1950 | Jan. 7 | 32,800 | 16.40 | 1969 | Feb. -- | 14,200 [2] | -- |
| 1932 | -- | 17,200 [2] | -- | 1951 | Mar. 29 | 29,700 | 15.70 | 1970 | Dec. -- | 22,000 [2] | -- |
| 1933 | -- | 13,200 [2] | -- | 1952 | Dec. 9 | 16,000 | 14.60 | 1971 | Feb. -- | 15,800 [2] | -- |
| 1934 | -- | 4,800 [2] | -- | 1953 | May 1 | 11,400 | 14.20 | 1972 | Jan. 5 | 15,900 | 15.26 |
| 1935 | -- | 7,800 [2] | -- | 1954 | Jan. 23 | 12,700 | 14.50 | 1973 | Mar. 17 | 60,100 [7] | 17.31 |
| 1936 | -- | 10,200 [2] | -- | 1955 | Dec. 30 | 17,700 | 14.95 | 1974 | Dec. 27 | 13,700 | 15.37 |
| 1937 | -- | 10,900 [2] | -- | 1956 | Feb. 4 | 14,200 | 14.70 | 1975 | Mar. 14 | 23,300 | 15.96 |
| 1938 | -- | 5,400 [2] | -- | 1957 | Dec. 14 | 12,200 | 14.80 | 1976 | Oct. 18 | 17,800 | 15.56 |
| 1939 | May 23 | 3,470 | -- | 1958 | Nov.19 | 11,500 | 14.70 | 1977 | Mar. 5 | 24,200 | 16.17 |
| 1940 | Mar. 4 | 3,640 | -- | 1959 | Feb. 14 | 7,300 | 14.90 | 1978 | May 9 | 16,000 | -- |
| 1941 | Mar. 8 | 3,390 | -- | 1960 | Mar. 3 | 15,200 | 14.80 | 1979 | Apr. 13 | 15,900 | 15.44 |
| 1942 | Feb. 18 | 3,470 | -- | 1961 | Feb. -- | 15,700 [2] | -- | 1980 | Mar. 18 | 17,700 | 15.54 |
| 1943 | Dec. 29 | 6,920 | 13.93 | 1962 | Apr. -- | 21,800 [2] | -- | 1981 | Mar. 31 | 7,260 | 15.18 |
| 1944 | Mar. 29 | 26,000 | 15.21 | 1963 | May -- | 20,900 [2] | -- | 1982 | Jan. 4 | 22,800 | 15.53 |
| 1945 | Feb. 23 | 11,200 | 14.45 | 1964 | Apr. -- | 11,800 [2] | -- | 1983 | May 20 | 23,900 | 15.82 |
| 1946 | Jan. 8 | 33,000 | 15.50 | 1965 | Feb. -- | 15,000 [2] | -- | 1984 | Dec. 3 | 21,700 | 15.81 |
| 1947 | Apr. 12 | 11,800 | 14.40 | 1966 | Apr. -- | 9,150 [2] | -- | 1985 | May 2 | 24,400 [E] | 16.09 |

## 02442000 LUXAPALLILA CREEK NEAR FAYETTE

LOCATION.--Lat 33°43'10", long 87°52'14", in SW$^1/_4$ sec. 26, T. 15 S., R. 13 W., Fayette County, Hydrologic Unit 03160105, on State Highway 18 and 2 mi northwest of Fayette.
DRAINAGE AREA.--130 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 322.33 ft NGVD 29. Prior to Apr. 22, 1944, nonrecording gage at same site and datum.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1938 | -- | 9,500 | 13.00 | 1950 | Jan. 6 | 9,700 | 13.10 | 1961 | Feb. 21 | 9,150 | 12.93 |
| 1940 | Apr. 4 | 6,260 | 12.40 | 1951 | Mar. 29 | 10,100 | 13.20 | 1962 | Dec. 18 | 8,000 | 12.70 |
| 1941 | Aug. 1 | 4,940 | 11.50 | 1952 | Mar. 11 | 4,710 | 11.30 | 1963 | Mar. 12 | 2,380 | 7.17 |
| 1942 | Mar. 17 | 4,710 | 11.30 | 1953 | Feb. 21 | 5,060 | 11.65 | 1964 | Apr. 27 | 6,340 | 12.20 |
| 1943 | Mar. 12 | 5,600 | 12.00 | 1954 | Jan. 22 | 3,860 | 10.20 | 1965 | Feb. 12 | 5,000 | 11.58 |
| 1944 | Mar. 28 | 5,750 | 12.10 | 1955 | Mar. 22 | 4,280 | 10.80 | 1966 | Apr. 27 | 6,200 | 12.23 |
| 1945 | Feb. 22 | 4,710 | 11.30 | 1956 | Feb. 20 | 4,060 | 10.50 | 1967 | Feb. 20 | 3,150 | 9.10 |
| 1946 | Jan. 8 | 12,500 | 13.57 | 1957 | Apr. 4 | 4,960 | 11.50 | 1968 | Dec. 18 | 12,000 | 13.48 |
| 1947 | Apr. 11 | 4,600 | 11.16 | 1958 | Nov. 19 | 5,330 | 11.80 | 1969 | Apr. 10 | 8,250 | 12.75 |
| 1948 | Feb. 12 | 5,060 | 11.60 | 1959 | Feb. 13 | 2,970 | 8.50 | 1970 | Mar. 20 | 7,560 | 12.59 |
| 1949 | Jan. 5 | 14,000 | 13.80 | 1960 | Mar. 3 | 5,330 | 11.75 | 1979 | Apr. 13 | 9,500 | 13.00 |

## 02442500 LUXAPALLILA CREEK AT MILLPORT

LOCATION.--Lat 33°34'30", long 88°05'00", in SW$^1/_4$ sec. 14, T. 17 S., R. 15 W., Lamar County, Hydrologic Unit 03160105, on State Highway 17, 0.2 mi downstream from Driver Creek, 1.0 mi north of Millport, and at mile 31.6.
DRAINAGE AREA.--247 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 243.65 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | Feb. 6 | 4,020 | 10.20 | 1984 | Dec. 3 | 13,300 | 13.74 | 1995 | Apr. 24 | 6,000 | 12.70 |
| 1956 | Feb. 20 | 4,081 | 10.30 | 1985 | May 3 | 5,630 | 11.97 | 1996 | Apr. 22 | 6,310 | 12.74 |
| 1957 | Apr. 4 | 5,060 | 11.80 | 1986 | Mar. 13 | 4,490 | 11.04 | 1997 | May 4 | 9,500 | 13.37 |
| 1958 | Nov. 19 | 4,990 | 11.70 | 1987 | Feb. 27 | 5,150 | 11.64 | 1998 | Jan. 8 | 12,500 | 13.72 |
| 1959 | Jan. 21 | 3,960 | 10.10 | 1989 | Jan. 13 | 6,740 | 12.46 | 1999 | Jan. 24 | 12,200 | 13.54 |
| 1961 | Feb. 22 | -- | 14.21 | 1990 | Feb. 16 | 7,810 | 12.65 | 2000 | Apr. 3 | 8,550 | 13.22 |
| 1979 | Apr. 13 | 14,000 | 13.93 | 1991 | Dec. 24 | 15,500 | 14.07 | 2001 | June 8 | 5,400 | 12.48 |
| 1981 | Mar. 31 | 3,650 | 10.20 | 1992 | Dec. 2 | 2,960 | 9.17 | 2002 | Dec. 14 | 6,650 | 12.86 |
| 1982 | Jan. 5 | 10,500 | 13.24 | 1993 | Mar. 31 | 5,290 | 11.74 | 2003 | Feb. 23 | 9,150 | 13.35 |
| 1983 | Mar. 6 | 10,800 | 13.30 | 1994 | Mar. 28 | 10,300 | 13.19 | | | | |

## 02443230 MUD CREEK NEAR FERNBANK

LOCATION.--Lat 33°36'32", long 88°09'44", in SE$^{1}/_{4\ se}$c. 1, T. 17 S., R. 16 W., Lamar County, Hydrologic Unit 03160105, on County Road 67, 2.4 mi north-northwest of Fernbank at county crossing, and 7.0 mi above mouth.
DRAINAGE AREA.--35.8 mi$^2$.
GAGE.--Crest-stage gage. Datum of gage is 243 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1972 | Oct. 4 | 1,860 | 33.44 | 1976 | Oct. 17 | 2,140 | 33.63 | 1980 | Mar. 28 | 2,770 [E] | 34.04 |
| 1973 | Mar. 16 | 3,430 [E] | 34.40 | 1977 | Mar. 5 | 2,160 | 33.64 | 1981 | Mar. 30 | 800 [E] | 32.30 |
| 1974 | Dec. 26 | 2,420 [E] | 33.88 | 1978 | May 9 | 1,680 | 33.32 | 1982 | Jan. 4 | 2,960 [E] | 34.15 |
| 1975 | Mar. 13 | 3,560 [E] | 34.46 | 1979 | Apr. 13 | 4,650 [E] | 34.91 | 1983 | Mar. 6 | 3,370 [E] | 34.37 |

## 02443730 KINCAIDE CREEK TRIBUTARY NEAR ETHELSVILLE

LOCATION.--Lat 33°24'14", long 88°10'54", in SW$^{1}/_{4}$ sec. 14, T. 19 S., R. 16 W., Pickens County, Hydrologic Unit 03160106, on left bank on U.S. Highway 82, 2.3 mi southeast of Ethelsville.
DRAINAGE AREA.—0.24 mi$^2$.
GAGE.-- Crest-stage gage. Datum not available.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1991 | Feb. 20 | 155 | 4.73 | 1996 | Jan. 26 | 52 | 3.41 | 2000 | Apr. 4 | 88 | 3.90 |
| 1992 | -- | 31 [4] | -- | 1997 | Feb. 21 | 35 | 3.14 | 2001 | Apr. 4 | 42 | 3.27 |
| 1993 | -- | 31 [4] | -- | 1998 | Jan. 7 | 163 | 4.85 | 2001 | Dec. 13 | 148 | 4.67 |
| 1994 | Mar. 27 | 110 | 4.18 | 1999 | Jan. 23 | 51 | 3.40 | 2003 | Apr. 10 | 104 | 4.12 |
| 1995 | Feb. 17 | 47 | 3.35 | | | | | | | | |

## 02444000 COAL FIRE CREEK NEAR PICKENSVILLE

LOCATION.--Lat 33°17'39", long 88°15'56", in NW$^1/_4$ sec. 25, T. 20 S., R. 17 W., Pickens County, Hydrologic Unit 03160106, on State Highway 14, 4.5 mi north of Pickensville, and at mile 4.5.
DRAINAGE AREA.--126 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 148.50 ft NGVD 29.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (feet) | Water year | Date | Discharge ($ft^3/s$) | Gage height (feet) | Water year | Date | Discharge ($ft^3/s$) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | Feb. 24 | 860 | 6.53 | 1964 | Mar. 16 | 2,930 | 8.53 | 1973 | Apr. 1 | 4,050 | 9.09 |
| 1956 | Apr. 8 | 1,130 | 7.12 | 1965 | Feb. 12 | 2,210 | 8.10 | 1974 | Apr. 14 | 3,200 | 8.73 |
| 1957 | Dec. 24 | 1,101 [1] | -- | 1966 | Apr. 23 | 1,040 | 6.82 | 1975 | Jan. 12 | 2,500 | 8.29 |
| 1958 | May 3 | 1,820 | 7.80 | 1967 | Aug. 12 | 590 | 5.42 | 1976 | May 12 | 2,700 | 8.46 |
| 1959 | Jan. 24 | 1,000 | 6.78 | 1968 | Jan. 11 | 1,940 | 7.90 | 1977 | Apr. 4 | 6,760 | 9.84 |
| 1960 | Mar. 4 | 3,060 | 8.60 | 1969 | Apr. 15 | 1,920 | 7.88 | 1978 | May 11 | 3,770 | 8.91 |
| 1961 | Feb. 22 | 8,110 | 10.13 | 1970 | Mar. 20 | 9,820 | 10.45 | 1979 | Apr. 13 | 16,400 | 11.74 |
| 1962 | Dec. 19 | 2,890 | 8.51 | 1971 | May 14 | 2,200 | 8.17 | 1980 | Apr. 14 | 3,480 | 8.82 |
| 1963 | July 16 | 2,960 | 8.27 | 1972 | Jan. 11 | 2,700 | 8.48 | | | | |

## 02445000 LUBBUB CREEK NEAR CARROLLTON

LOCATION.--Lat 33°14'47", long 88°04'53", in NE$^1/_4$ sec. 10, T. 21 S., R. 15 W., Pickens County, Hydrologic Unit 03160106, on county highway 12, 1 mi southeast of Carrollton, and 4 mi upstream from Little Lubbub Creek.
DRAINAGE AREA.--112 mi$^2$.
GAGE.--Water-stage recorder 1955-64. Crest-stage gage 1965-69. Datum of gage is 174.24 ft NGVD 29.

| Water year | Date | Discharge ($ft^3/s$) | Gage height (feet) | Water year | Date | Discharge ($ft^3/s$) | Gage height (feet) | Water year | Date | Discharge ($ft^3/s$) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | Feb. 7 | 1,560 | 8.70 | 1960 | Mar. 3 | 2,600 | 9.27 | 1965 | Feb. 12 | 3,060 | 9.53 |
| 1956 | Feb. 5 | 1,480 | 8.65 | 1961 | Feb. 22 | 8,210 | 11.97 | 1966 | Apr. 28 | 1,870 | 8.89 |
| 1957 | Dec. 15 | 1,480 | 8.65 | 1962 | Dec. 18 | 3,600 | 9.99 | 1967 | Dec. 13 | 1,140 | 8.39 |
| 1958 | Nov. 20 | 1,410 | 8.58 | 1963 | July 17 | 4,590 | 10.31 | 1969 | Apr. 15 | 3,480 | 9.75 |
| 1959 | May 31 | 1,410 | 8.60 | 1964 | Apr. 6 | 4,170 | 10.10 | 1979 | Apr. 13 | 21,000 [7] | 16.00 |

## 02445245 NEW RIVER NEAR WINFIELD

LOCATION.--Lat 33°55'47", long 87°40'47", in SE$^1/_4$SE$^1/_4$SW$^1/_4$ sec. 10, T. 13 S., R. 11 W., Marion County, Hydrologic Unit 03160107, at bridge on U.S. Highway 78, 8 mi east of Winfield.
DRAINAGE AREA.--59.3 mi$^2$.
GAGE.--Crest-stage gage. Datum of gage is 387.80 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Mar. 29 | 6,900 | 23.20 | 1958 | Apr. 29 | 2,100 | 14.50 | 1967 | Feb. 20 | 2,500 | 15.50 |
| 1952 | Mar. 11 | 3,000 | 16.50 | 1959 | Jan. 24 | 1,900 | 13.80 | 1968 | Dec. 18 | 7,800 | 24.11 |
| 1953 | Feb. 22 | 2,300 | 14.80 | 1960 | Mar. 2 | 4,700 | 19.80 | 1969 | Feb. 2 | 4,260 | 19.04 |
| 1954 | Jan. 22 | 3,500 | 17.50 | 1961 | Feb. 21 | 7,600 | 23.88 | 1970 | Mar. 20 | 4,900 | 20.16 |
| 1955 | Mar. 23 | 3,800 | 18.20 | 1963 | Mar. 12 | 3,210 | 17.02 | 1971 | Feb. 22 | 5,020 | 20.37 |
| 1956 | Feb. 4 | 2,700 | 16.00 | 1964 | Apr. 6 | 5,020 | 20.36 | 1972 | Dec. 6 | 1,250 | 11.66 |
| 1957 | Dec. 14 | 4,000 | 18.50 | 1965 | Feb. 12 | 3,510 | 17.62 | 1973 | Mar. 16 | 7,970 | 24.30 |

## 02445500 SIPSEY RIVER AT FAYETTE

LOCATION.--Lat 33°40'10", long 87°48'59", in SW$^1/_4$ sec. 8, T. 16 S., R. 12 W., Fayette County, Hydrologic Unit 03160107, 1 mi southeast of Fayette, and 1.5 mi downstream from Southern Railway bridge.
DRAINAGE AREA.--282 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 296.72 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1936 | -- | 20,000 | 21.20 | 1946 | Jan. 8 | 23,000 | 21.75 | 1954 | Jan. 23 | 8,400 | 18.38 |
| 1939 | Feb. 16 | 11,500 | 19.60 | 1947 | Jan. 21 | 7,200 | 18.30 | 1955 | Mar. 23 | 8,100 | 18.67 |
| 1940 | Apr. 5 | 8,200 | 18.70 | 1948 | Feb. 14 | 9,600 | 19.10 | 1956 | Feb. 5 | 5,600 | 17.80 |
| 1941 | Mar. 6 | 2,950 | 16.10 | 1949 | Jan. 6 | 20,000 | 21.10 | 1957 | Dec. 15 | 6,600 | 18.20 |
| 1942 | Mar. 19 | 3,420 | 16.60 | 1950 | Jan. 7 | 20,500 | 21.20 | 1958 | Nov. 19 | 11,000 | 19.50 |
| 1943 | Dec. 29 | 8,800 | 18.90 | 1951 | Mar. 29 | 20,500 | 21.20 | 1959 | Jan. 24 | 3,400 | 16.60 |
| 1944 | Mar. 29 | 14,400 | 20.04 | 1952 | Dec. 22 | 5,601 | 17.80 | 1979 | Apr. 16 | 11,500 | 19.59 |
| 1945 | Mar. 5 | 10,500 | 19.34 | 1953 | Feb. 22 | 10,100 | 19.15 | | | | |

## 02446000 SIPSEY RIVER AT MOORES BRIDGE

LOCATION.--Lat 33°26'51", long 87°45'50", in NW$^1/_4$ sec. 35, T. 18 S., R. 12 W., Tuscaloosa County, Hydrologic Unit 03160107, 1 mi east of Moores Bridge, and 6 mi downstream from Bear Creek.
DRAINAGE AREA.--413 mi$^2$.
GAGE.--Nonrecording. Datum of gage is 240.95 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1939 | Feb. 5 | 9,610 | 14.40 | 1944 | Mar. 30 | 15,000 | 15.40 | 1948 | Feb. 15 | 10,200 | 14.50 |
| 1940 | July 13 | 6,700 | 13.80 | 1945 | Feb. 16 | 8,630 | 14.20 | 1949 | Jan. 7 | 17,500 | 15.80 |
| 1941 | Aug. 2 | 5,350 | 13.50 | 1946 | Jan. 10 | 23,600 | 16.78 | 1950 | Jan. 8 | 21,100 | 16.40 |
| 1942 | Mar. 22 | 4,450 | 13.30 | 1947 | Jan. 22 | 7,190 | 13.88 | 1951 | Mar. 30 | 21,700 | 16.50 |
| 1943 | Mar. 15 | 8,630 | 14.20 | | | | | | | | |

## 02446500 SIPSEY RIVER NEAR ELROD

LOCATION.--Lat 33°15'25", long 87°46'35", in NE$^1/_4$ sec. 3, T. 21 S., R. 12 W., Tuscaloosa County, Hydrologic Unit 03160107, on State Highway 140, 1.0 mi east of Elrod, 2.0 mi downstream from Box Creek, and at mile 50.7.
DRAINAGE AREA.--528 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 197.81 ft NGVD 29. Prior to Mar. 31, 1932, non- recording gage at railroad bridge 0.2 mi downstream from present site at datum 1.93 ft higher. Nov. 1 to Dec. 11, 1939, nonrecording gage at present site and datum.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1930 | Nov. 17 | 15,500 | 14.10 | 1957 | Feb. 4 | 6,190 | 14.90 | 1984 | Dec. 4 | 17,300 | 16.88 |
| 1931 | Apr. 5 | 4,690 | 11.70 | 1958 | Nov.21 | 8,990 | 15.60 | 1985 | May 5 | 7,800 | 15.10 |
| 1932 | Feb. 22 | 7,090 | 12.31 | 1959 | Feb. 19 | 3,020 | 13.94 | 1986 | June 4 | 1,970 | 13.15 |
| 1940 | July 13 | 8,260 | 15.37 | 1960 | Mar. 7 | 7,190 | 15.17 | 1987 | Mar. 3 | 6,800 | 14.80 |
| 1941 | Aug. 1 | 6,560 | 15.00 | 1961 | Feb. 23 | 27,800 | 18.83 | 1988 | Jan. 26 | 3,300 | 13.86 |
| 1942 | Mar. 23 | 3,630 | 14.23 | 1962 | Dec.20 | 15,700 | 16.82 | 1989 | Jan. 16 | 9,300 | 15.40 |
| 1943 | Mar. 17 | 7,760 | 15.25 | 1963 | July 18 | 4,100 | 14.27 | 1990 | Feb. 16 | 14,300 | 16.38 |
| 1944 | Mar. 31 | 12,200 | 16.35 | 1964 | Apr. 16 | 11,700 | 16.15 | 1991 | Dec. 26 | 23,800 | 17.97 |
| 1945 | Feb. 17 | 7,401 | 15.19 | 1965 | Feb. 14 | 9,840 | 15.77 | 1992 | Dec. 9 | 2,720 | 13.63 |
| 1946 | Jan. 11 | 18,600 | 17.76 | 1966 | May 1 | 5,550 | 14.74 | 1993 | Jan. 12 | 6,000 | 14.64 |
| 1947 | Jan. 23 | 6,500 | 14.96 | 1967 | Dec. 17 | 2,100 | 13.32 | 1994 | Mar. 30 | 12,900 | 16.12 |
| 1948 | Feb. 16 | 9,200 | 15.64 | 1968 | Dec. 21 | 13,700 | 16.48 | 1995 | Mar. 9 | 8,200 | 15.09 |
| 1949 | Jan. 7 | 16,100 | 17.30 | 1969 | Apr. 14 | 8,070 | 15.37 | 1996 | Jan. 31 | 8,400 | 15.14 |
| 1950 | Jan. 9 | 21,000 | 18.10 | 1970 | Mar. 21 | 18,400 | 17.27 | 1997 | May 7 | 10,500 | 15.59 |
| 1951 | Mar.31 | 21,000 | 18.10 | 1971 | Feb. 25 | 9,980 | 15.80 | 1998 | Jan. 10 | 13,500 | 16.15 |
| 1952 | Dec.26 | 5,400 | 14.70 | 1979 | Apr. 13 | 23,100 | 17.85 | 1999 | Jan. 26 | 14,000 | 16.34 |
| 1953 | Feb. 25 | 9,400 | 15.70 | 1980 | Apr. 15 | 13,600 | 16.25 | 2000 | Apr. 6 | 11,300 | 15.92 |
| 1954 | Jan. 26 | 6,400 | 14.95 | 1981 | Apr. 3 | 6,200 | 14.72 | 2001 | Apr. 8 | 6,960 | 15.02 |
| 1955 | Mar.27 | 4,230 | 14.40 | 1982 | Jan. 7 | 13,300 | 16.20 | 2002 | Dec. 17 | 10,800 | 15.82 |
| 1956 | Feb. 9 | 5,500 | 14.67 | 1983 | Mar. 7 | 15,000 | 16.50 | 2003 | Feb. 25 | 12,500 | 16.10 |

## 02447000 SIPSEY RIVER NEAR PLEASANT RIDGE

LOCATION.--Lat 33°02'19", long 88°06'42", in NE$^1/_4$ sec. 29, T. 24 N., R. 1 W., Greene County, Hydrologic Unit 03160107, on State Highway 40, 450 ft downstream from Hughes Creek, 2.5 mi northwest of Pleasant Ridge, 6 mi upstream from mouth, and 6 mi south of Aliceville.
DRAINAGE AREA.--769 mi$^2$.
GAGE.--Nonrecording. Datum of gage is 105.13 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1939 | Feb. 10 | 8,190 | 19.05 | 1947 | Jan. 21 | 7,700 | 18.25 | 1954 | Jan. 29 | 5,630 | 15.30 |
| 1940 | July 16 | 7,020 | 19.25 | 1948 | Feb. 15 | 10,000 | 20.90 | 1955 | Apr. 15 | 4,520 | 13.60 |
| 1941 | Aug. 5 | 4,825 | 13.95 | 1949 | Jan. 10 | 19,500 | 25.80 | 1956 | Apr. 7 | 5,550 | 15.26 |
| 1942 | Mar. 28 | 3,350 | 11.05 | 1950 | Jan. 11 | 17,500 | 24.10 | 1957 | Feb. 7 | 7,800 | 18.16 |
| 1943 | Mar. 21 | 12,800 | 21.96 | 1951 | Apr. 2 | 19,250 | 25.50 | 1958 | Nov. 25 | 11,200 | 20.90 |
| 1944 | Apr. 3 | 10,800 | 22.71 | 1952 | Dec. 30 | 5,200 | 14.60 | 1959 | Feb. 22 | 3,550 | 11.50 |
| 1945 | Feb. 22 | 9,600 | 19.95 | 1953 | Feb. 27 | 7,900 | 20.00 | 1961 | Feb. 25 | 35,000 [7] | 26.60 |
| 1946 | Jan. 13 | 15,000 | 22.20 | | | | | | | | |

## 02448500 NOXUBEE RIVER NEAR GEIGER

LOCATION.--Lat 32°55'57", long 88°17'52", in NE$^1/_4$ sec. 33, T. 23 N., R. 3 W., Sumter County, Hydrologic Unit 03160108, on State Highway 17, 0.1 mi upstream from Woodward Creek, 5 mi north of Geiger, and at mile 16.9.
DRAINAGE AREA.--1,097 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 86.08 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1940 | July 10 | 33,000 | 41.30 | 1964 | Mar. 19 | 13,000 | 34.63 | 1985 | Feb. 6 | 9,880 [E] | 32.23 |
| 1945 | Feb. 24 | 19,700 | 38.70 | 1965 | Feb. 15 | 17,500 | 37.27 | 1986 | Mar. 13 | 6,770 | 26.94 |
| 1946 | Feb. 14 | 20,300 | 38.91 | 1966 | Apr. 28 | 11,600 | 33.45 | 1987 | Mar. 1 | 13,500 | 35.61 |
| 1947 | Jan. 21 | 12,000 | 34.50 | 1967 | Aug. 26 | 6,330 | 25.32 | 1988 | Apr. 3 | 6,070 | 25.24 |
| 1948 | Feb. 16 | 14,000 | 36.00 | 1968 | Dec. 24 | 18,400 | 37.70 | 1989 | Jan. 19 | 11,600 | 34.46 |
| 1949 | Jan. 8 | 35,000 | 41.60 | 1970 | Mar. 24 | 9,900 | 31.62 | 1990 | Feb. 18 | 23,300 | 39.08 |
| 1950 | Jan. 11 | 21,500 | 39.30 | 1971 | Mar. 4 | 11,500 | 33.54 | 1991 | Feb. 24 | 27,800 | 40.61 |
| 1951 | Mar. 31 | 37,600 | 42.70 | 1972 | Jan. 12 | 20,000 | 38.38 | 1992 | Aug. 28 | 7,940 | 29.24 |
| 1952 | Mar. 12 | 6,600 | 24.40 | 1973 | Mar. 21 | 20,500 | 38.61 | 1993 | Jan. 15 | 16,000 | 37.20 |
| 1953 | May 6 | 11,300 | 33.60 | 1974 | Apr. 16 | 18,600 | 37.78 | 1994 | Jan. 29 | 10,900 | 33.64 |
| 1954 | Apr. 17 | 8,550 | 29.46 | 1975 | Mar. 18 | 25,000 | 39.63 | 1995 | Apr. 24 | 10,700 | 33.18 |
| 1955 | Apr. 14 | 8,270 | 29.10 | 1976 | Mar. 18 | 17,000 | 37.62 | 1996 | Jan. 27 | 13,100 | 36.04 |
| 1956 | Apr. 7 | 11,800 | 34.42 | 1977 | Apr. 7 | 28,000 | 40.72 | 1997 | Apr. 28 | 8,730 | 31.23 |
| 1957 | Apr. 5 | 7,690 | 28.72 | 1978 | May 9 | 9,260 | 30.94 | 1998 | Jan. 8 | 19,800 | 38.89 |
| 1958 | May 7 | 13,500 | 35.80 | 1979 | Apr. 14 | 156,000 | 48.58 | 1999 | Feb. 3 | 19,200 | 38.69 |
| 1959 | Feb. 10 | 6,240 | 27.40 | 1980 | Apr. 17 | 23,400 | 39.09 | 2000 | Apr. 4 | 12,800 | 35.75 |
| 1960 | Mar. 4 | 10,200 | 31.60 | 1981 | Apr. 1 | 9,130 | 30.76 | 2001 | Mar. 16 | 8,800 | 31.24 |
| 1961 | Feb. 24 | 26,000 | 40.33 | 1982 | Apr. 26 | 11,100 | 33.02 | 2002 | Dec. 15 | 9,800 | 32.82 |
| 1962 | Dec. 18 | 44,000 | 42.63 | 1983 | May 22 | 34,400 | 41.38 | 2003 | Feb. 25 | 21,700 | 39.49 |
| 1963 | Mar. 13 | 6,500 | 25.75 | 1984 | Dec. 12 | 12,600 | 34.30 | | | | |

## 02448900 BODKA CREEK NEAR GEIGER

LOCATION.--Lat 32°48'25", long 88°18'43", in SE$^1/_4$ sec. 8, T. 21 N., R. 3 E., Sumter County, Hydrologic Unit 03160108, at right bank on downstream side of State Highway 17, 1.6 mi downstream from Tifallili Creek, 4.2 mi north of Geiger, and 9.2 mi upstream from mouth.
DRAINAGE AREA.--158 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 104.78 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1991 | Feb. 20 | 10,500 | 21.89 | 1996 | Mar. 7 | 8,740 | 21.28 | 2001 | Apr. 5 | 4,720 | 18.67 |
| 1992 | Aug. 28 | 2,520 | 16.44 | 1997 | Apr. 28 | 8,380 | 21.13 | 2001 | Dec. 14 | 6,170 | 20.01 |
| 1993 | Jan. 12 | 9,230 | 21.44 | 1998 | Jan. 8 | 21,900 | 24.20 | 2003 | Apr. 25 | 14,000 | 22.71 |
| 1994 | Jan. 28 | 8,620 | 21.23 | 1999 | Jan. 31 | 14,800 | 22.87 | | | | |
| 1995 | Mar. 8 | 4,920 | 18.88 | 2000 | Apr. 4 | 6,750 | 20.36 | | | | |

## 02449000 TOMBIGBEE RIVER AT GAINESVILLE

LOCATION.--Lat 32°49'30", long 88°09'24", in SE$^1/_4$ sec. 2, T. 21 N., R. 2 W., Sumter County, Hydrologic Unit 03160106, on State Highway 39 at Gainesville, 2 mi downstream from Noxubee River, and at mile 234.4.
DRAINAGE AREA.--8,632 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 63.29 ft NGVD 29.
REMARKS.--Flow regulated since 1975 by Tennessee-Tombigbee Waterway. Since January 1985, records include diversions from Tennessee River Basin through Bay Springs Lock on Tennessee- Tombigbee Waterway.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1892 | -- | 250,000 [7] | 58.40 | 1956 | Apr. 7 | 55,200 | 39.73 [2] | 1974 | Feb. 3 | 69,600 | 45.82 |
| 1939 | Mar. 7 | 53,500 | 44.32 | 1957 | Feb. 10 | 63,800 | 43.21 [2] | 1975 | Mar. 21 | 108,000 | -- |
| 1940 | July 11 | 62,500 | 45.71 [2] | 1958 | Nov. 27 | 76,500 | 46.40 [2] | 1976 | Apr. 2 | 81,000 | 42.66 |
| 1941 | Mar. 9 | 31,900 | 28.36 [2] | 1959 | Feb. 20 | 41,100 | 33.77 | 1977 | Mar. 14 | 90,900 | 44.66 |
| 1942 | Mar. 22 | 35,800 | 33.96 | 1960 | Mar. 11 | 60,200 | 42.14 | 1978 | May 16 | 82,300 | 40.20 |
| 1943 | Mar. 22 | 56,600 | 45.00 [2] | 1961 | Feb. 26 | 115,000 | 50.67 [2] | 1979 | Apr. 15 | 261,000 | 56.28 |
| 1944 | Apr. 5 | 112,000 | 50.60 | 1962 | Dec. 23 | 166,000 | 53.99 [2] | 1980 | Mar. 25 | 117,000 | 48.17 |
| 1945 | Mar. 1 | 64,000 | 46.80 | 1963 | July 21 | 42,900 | 33.65 | 1981 | Apr. 2 | 52,100 | 35.73 |
| 1946 | Feb. 17 | 112,000 | 50.90 | 1964 | Apr. 20 | 69,500 | 45.99 | 1983 | May 25 | 161,000 | -- |
| 1947 | Jan. 26 | 60,400 | 45.40 | 1965 | Feb. 19 | 78,400 | 47.34 [2] | 1984 | Dec. 9 | 147,000 | -- |
| 1948 | Feb. 21 | 119,000 | 51.20 | 1966 | Feb. 17 | 51,700 | 40.04 | 1985 | Feb. 13 | 69,500 [E] | 34.21 |
| 1949 | Jan. 11 | 168,000 | 53.90 | 1967 | July 12 | 29,300 | 25.94 | 1986 | Mar. 20 | 45,400 [E] | 26.36 |
| 1950 | Jan. 14 | 101,000 | 49.70 [2] | 1968 | Dec. 26 | 94,100 | -- | 1987 | Mar. 1 | 97,200 [E] | -- |
| 1951 | Apr. 3 | 141,000 | 52.80 [2] | 1969 | Apr. 22 | 96,000 | 49.39 | 1988 | Apr. 3 | 36,500 | 25.09 |
| 1952 | Dec. 31 | 40,600 | 34.83 | 1970 | Mar. 28 | 76,600 | 47.06 | 1989 | Jan. 18 | 107,000 | 44.54 |
| 1953 | Mar. 2 | 60,700 | 45.20 [2] | 1971 | Mar. 6 | 83,300 | 48.01 | 1990 | Feb. 18 | 142,000 | 45.73 |
| 1954 | Apr. 18 | 35,800 | 29.30 [2] | 1972 | Jan. 14 | 89,300 | 48.69 | | | | |
| 1955 | Apr. 1 | 67,900 | 44.80 | 1973 | Mar. 23 | 172,000 | 54.21 | | | | |

## 02449245 BRUSH CREEK NEAR EUTAW

LOCATION.--Lat 32°49'51", long 87°58'56", in NE$^1/_4$ sec. 3, T. 21 N., R. 1 E., Greene County, Hydrologic Unit 03160106, on county highway, 1.3 mi downstream from Pippan Creek, 2.2 mi upstream from Dry Creek, 5.5 mi west of Eutaw, and 7.2 mi upstream from mouth.
DRAINAGE AREA.--43.2 mi$^2$.
GAGE.--Water-stage recorder. Crest-stage gage 1971-75. Datum of gage is 105.92 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1971 | Feb. 21 | 2,450 | 18.09 | 1981 | Mar. 30 | 2,750 | 18.44 | 1990 | Feb. 16 | 8,100 | 23.54 |
| 1972 | Jan. 10 | 2,000 | 16.93 | 1982 | Apr. 20 | 1,450 | 14.48 | 1991 | Mar. 29 | 2,500 | 18.17 |
| 1973 | Mar. 18 | 2,850 | 18.76 | 1983 | May 20 | 4,050 | 20.17 | 1992 | Aug. 27 | 715 | 10.16 |
| 1975 | Dec. 25 | 2,770 | 18.63 | 1984 | Dec. 28 | 1,880 | 16.35 | 1993 | Feb. 16 | 2,350 | 17.93 |
| 1976 | Mar. 27 | 4,150 | 20.31 | 1985 | Feb. 5 | 1,780 | 16.04 | 1994 | Jan. 28 | 2,210 | 17.46 |
| 1977 | Mar. 21 | 4,500 | 20.61 | 1986 | May 18 | 2,150 | 17.34 | 1995 | Feb. 17 | 1,280 | 13.51 |
| 1978 | Oct. 25 | 2,100 | 17.28 | 1987 | Jan. 18 | 3,000 | 18.97 | 1996 | Mar. 8 | 2,860 | 18.72 |
| 1979 | Apr. 13 | 6,450 | 22.68 | 1988 | Jan. 19 | 409 | 8.11 | 1997 | July 22 | 3,030 | 18.97 |
| 1980 | Mar. 13 | 4,500 | 20.68 | 1989 | Mar. 4 | 1,440 | 14.42 | | | | |

## 02449400 JONES CREEK NEAR EPES

LOCATION.--Lat 32°41'27", long 88°10'02", in SW$^1/_4$ sec. 23, T. 20 N., R. 2 W., Sumter County, Hydrologic Unit 03160106, on State Highway 39, 2.5 mi west of Epes, and 6 mi upstream from mouth.
DRAINAGE AREA.--11.8 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 125 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1959 | June 11 | 1,530 | 13.11 | 1965 | Dec. 4 | 2,760 | 18.20 | 1970 | Aug. 9 | 2,040 | 15.57 |
| 1960 | Apr. 3 | 1,480 | 12.75 | 1966 | Feb. 12 | 2,220 | 16.27 | 1971 | Oct. 18 | 2,580 | 17.52 |
| 1961 | Feb. 21 | 5,160 | 21.46 | 1967 | July 6 | 574 | 6.40 | 1972 | July 31 | 2,010 | 15.45 |
| 1962 | Apr. 12 | 2,980 | 18.55 | 1968 | May 4 | 1,500 | 12.91 | 1973 | Jan. 21 | 3,100 | 18.81 |
| 1963 | Mar. 5 | 2,260 | 16.43 | 1969 | Dec. 22 | 2,130 | 15.93 | 1974 | Dec. 26 | 2,470 | 17.17 |
| 1964 | Mar. 2 | 2,490 | 17.22 | | | | | | | | |

## 02450000 MULBERRY FORK NEAR GARDEN CITY

LOCATION.--Lat 33°59'42", long 86°44'56", in NE$^1/_4$ sec. 16, T. 12 S., R. 2 W., Blount County, Hydrologic Unit 03160109, on U.S. Highway 31 (old), 1 mi southwest of Garden City, 5.5 mi downstream from Mud Creek, and at mile 79.2.

DRAINAGE AREA.--365 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 380.54 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1929 | Mar. 14 | 26,000 | 16.40 | 1954 | Jan. 16 | 22,500 | 15.40 | 1979 | Mar. 4 | 46,500 | 20.99 |
| 1930 | Nov. 14 | 31,900 | 17.96 | 1955 | Mar. 22 | 22,500 | 15.40 | 1980 | Mar. 21 | 37,000 | 19.27 |
| 1931 | Nov. 16 | 5,700 | 8.59 | 1956 | Feb. 20 | 13,000 | 12.30 | 1981 | Mar. 30 | 7,240 | 9.43 |
| 1932 | Dec. 14 | 13,500 | 12.20 | 1957 | Jan. 31 | 17,500 | 13.70 | 1982 | Jan. 3 | 53,000 | 22.45 |
| 1933 | Oct. 16 | 25,500 | 16.30 | 1958 | Nov. 18 | 32,000 | 18.10 | 1983 | May 19 | 16,800 | 13.55 |
| 1934 | Mar. 3 | 13,500 | 12.18 | 1959 | Jan. 21 | 14,700 | 12.70 | 1984 | May 3 | 28,100 | 17.00 |
| 1935 | Mar. 12 | 14,800 | 12.35 | 1960 | Mar. 3 | 23,900 | 15.85 | 1985 | July 27 | 21,000 | 14.96 |
| 1936 | Feb. 4 | 60,000 | 24.00 | 1961 | Feb. 22 | 34,000 | 18.54 | 1986 | Mar. 13 | 5,460 | 8.41 |
| 1937 | Apr. 29 | 27,500 | 16.80 | 1962 | Dec. 18 | 45,100 | 20.93 | 1987 | Jan. 19 | 17,700 | 13.90 |
| 1938 | Apr. 8 | 24,600 | 16.00 | 1963 | Apr. 30 | 22,500 | 15.42 | 1988 | Jan. 20 | 13,600 | 12.30 |
| 1939 | Feb. 28 | 45,000 | 20.77 | 1964 | Apr. 13 | 45,000 | 20.81 | 1989 | Feb. 28 | 21,500 | 15.42 |
| 1940 | July 13 | 20,500 | 14.58 | 1965 | Mar. 26 | 35,000 | 18.82 | 1990 | Feb. 16 | 67,000 | 25.04 |
| 1941 | Aug. 1 | 41,000 | 20.13 | 1966 | Mar. 4 | 33,000 | 18.27 | 1991 | Dec. 23 | 29,600 | 17.18 |
| 1942 | Aug. 19 | 11,800 | 11.51 | 1967 | Apr. 26 | 21,000 | 14.92 | 1992 | Feb. 15 | 8,200 | 9.93 |
| 1943 | Dec. 28 | 57,500 | 23.62 | 1968 | Jan. 10 | 32,000 | 18.10 | 1993 | Jan. 12 | 17,800 | 13.92 |
| 1944 | Mar. 28 | 25,500 | 16.32 | 1969 | May 18 | 26,250 | 16.47 | 1994 | Feb. 11 | 50,000 | 21.97 |
| 1945 | Feb. 13 | 19,500 | 14.40 | 1970 | Apr. 26 | 23,750 | 15.78 | 1995 | Feb. 16 | 15,600 | 13.12 |
| 1946 | Jan. 8 | 42,000 | 20.30 | 1971 | July 16 | 46,000 | 20.97 | 1996 | Mar. 7 | 19,400 | 14.48 |
| 1947 | Jan. 20 | 26,000 | 16.34 | 1972 | Jan. 4 | 25,000 | 16.00 | 1997 | June 22 | 33,700 | 18.42 |
| 1948 | Feb. 12 | 32,000 | 17.90 | 1973 | Mar. 16 | 34,000 | 18.40 | 1998 | Jan. 7 | 42,000 | 20.08 |
| 1949 | Jan. 5 | 43,000 | 20.60 | 1974 | Dec. 26 | 46,000 | 20.95 | 1999 | Jan. 23 | 29,000 | 17.12 |
| 1950 | Mar. 13 | 32,000 | 18.10 | 1975 | Mar. 13 | 32,500 | 17.96 | 2000 | Apr. 3 | 38,000 | 19.14 |
| 1951 | Mar. 29 | 43,500 | 20.62 | 1976 | May 14 | 16,000 | 12.18 | 2001 | Mar. 20 | 24,700 | 16.07 |
| 1952 | Dec. 21 | 17,200 | 13.75 | 1977 | Mar. 12 | 39,950 | 19.62 | 2002 | Feb. 25 | 28,200 | 17.02 |
| 1953 | Apr. 30 | 20,000 | 14.50 | 1978 | Oct. 26 | 6,100 | 8.94 | 2003 | Jan. 27 | 22,200 | 15.33 |

## 02450180 MULBERRY FORK NEAR ARKADELPHIA

LOCATION.--Lat 33°52'19", long 86°55'20", in NE$^1/_4$ sec. 35, T. 13 S., R. 4 W., Blount County, Hydrologic Unit 03160109, 200 ft upstream from county road, 4 mi south of Arkadelphia, and at mile 58.6.
DRAINAGE AREA.--487 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 270.23 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^{3/s}$) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1977 | Mar. 13 | 23,400 | 34.28 | 1986 | Mar. 13 | 5,050 | 13.68 | 1996 | Jan. 27 | 16,500 | 28.46 |
| 1978 | Oct. 26 | 12,900 | 26.28 | 1989 | Jan. 13 | 18,400 | 29.94 | 1997 | June 23 | 15,300 | 27.61 |
| 1979 | Apr. 14 | 37,000 | 39.11 | 1990 | Feb. 16 | 51,700 | 42.90 | 1998 | Jan. 8 | 30,000 | 35.30 |
| 1981 | Mar. 30 | 6,430 | 18.36 | 1991 | Feb. 20 | 20,000 | 30.50 | 1999 | Jan. 23 | 17,600 | 29.90 |
| 1982 | Jan. 4 | 28,000 | 36.32 | 1992 | Feb. 25 | 7,800 | 19.20 | 2000 | Apr. 4 | 25,100 | 33.16 |
| 1983 | May 20 | 13,600 | 27.60 | 1993 | Jan. 12 | 13,300 | 26.19 | 2001 | Mar. 21 | 17,100 | 28.86 |
| 1984 | May 4 | 17,100 | 30.06 | 1994 | Feb. 11 | 32,300 | 36.27 | 2002 | Jan. 25 | 18,400 | 29.67 |
| 1985 | July 28 | 13,300 | 27.59 | 1995 | Feb. 17 | 12,700 | 25.70 | 2003 | Feb. 22 | 13,300 | 26.18 |

## 02450200 DORSEY CREEK NEAR ARKADELPHIA

LOCATION.--Lat 33°57'10", long 87°00'14", in SW$^1/_4$ sec. 31, T. 12 S., R. 4 W., Cullman County, Hydrologic Unit 03160109, on county road, 4 mi northwest of Arkadelphia, and 8 mi upstream from mouth.
DRAINAGE AREA.--13.0 mi$^2$.
GAGE.--Water-stage recorder 1959-67. Crest-stage gage 1968-74. Datum of gage is 430 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1959 | Jan. 21 | 894 | 5.20 | 1965 | Mar. 26 | 1,740 | 7.53 | 1970 | Mar. 19 | 1,310 | 6.45 |
| 1960 | Mar. 2 | 1,370 | 6.64 | 1966 | Mar. 3 | 2,140 | 8.48 | 1971 | Feb. 26 | 1,570 | 7.11 |
| 1961 | Feb. 20 | 2,550 | 9.41 | 1967 | July 7 | 1,030 | 5.71 | 1972 | Jan. 4 | 865 | 5.22 |
| 1962 | Apr. 11 | 2,630 | 9.58 | 1968 | Jan. 10 | 1,730 | 7.50 | 1973 | Mar. 16 | 2,090 | 8.37 |
| 1963 | Mar. 12 | 1,040 | 5.74 | 1969 | Apr. 10 | 834 | 5.13 | 1974 | Dec. 26 | 2,480 | 9.25 |
| 1964 | Apr. 13 | 2,850 | 10.02 | | | | | | | | |

## 02450250 SIPSEY FORK NEAR GRAYSON

LOCATION.--Lat 34°17'07", long 87°23'56", in NW$^1/_4$ sec. 8, T. 9 S., R. 8 W., Winston County, Hydrologic Unit 03160110, Bankhead National Forest, on Cranal Road, 0.5 mi downstream from Borden Creek, 4.5 mi west of Grayson, 14 mi northeast of Haleyville, and 64.1 mi upstream from mouth.

DRAINAGE AREA.--92.1 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 540 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1967 | Dec. 9 | 6,600 | 24.48 | 1980 | Mar. 7 | 7,700 | 26.93 | 1992 | Dec. 2 | 5,880 | 22.48 |
| 1968 | Dec. 18 | 14,200 | 38.29 | 1981 | Mar. 30 | 3,100 | 15.25 | 1993 | Mar. 23 | 7,110 | 25.37 |
| 1969 | Feb. 2 | 6,700 | 24.54 | 1982 | Jan. 3 | 8,100 | 27.87 | 1994 | Feb. 11 | 9,070 | 29.66 |
| 1970 | Dec. 30 | 11,000 | 33.48 | 1983 | May 19 | 11,100 | 33.66 | 1995 | Feb. 17 | 10,000[2] | 31.60 |
| 1971 | Feb. 26 | 7,000 | 25.10 | 1984 | May 3 | 10,900 | 33.37 | 1996 | Mar. 6 | 4,680 | 19.49 |
| 1972 | Jan. 4 | 6,030 | 23.20 | 1985 | May 1 | 6,900 | 25.00 | 1997 | May 3 | 10,100 | 31.77 |
| 1973 | Mar. 16 | 20,300 | 44.27 | 1986 | May 28 | 3,110 | 15.24 | 1998 | Jan. 7 | 9,130 | 29.79 |
| 1974 | Feb. 2 | 4,260 | 18.70 | 1987 | Jan. 19 | 5,600 | 21.93 | 1999 | Jan. 23 | 13,500 | 36.78 |
| 1975 | Jan. 10 | 2,850 | 14.50 | 1988 | Jan. 19 | 4,650 | 19.68 | 2000 | Apr. 3 | 6,970 | 25.04 |
| 1976 | Oct. 17 | 13,000 | 36.20 | 1989 | Mar. 5 | 8,000 | 27.55 | 2001 | Apr. 3 | 7,300 | 25.84 |
| 1977 | Mar. 4 | 11,000 | 33.54 | 1990 | Feb. 16 | 5,070 | 20.52 | 2002 | Dec. 14 | 8,500 | 28.68 |
| 1978 | May 8 | 7,980 | 26.98 | 1991 | Dec. 23 | 11,300 | 33.66 | 2003 | Feb. 22 | 8,660 | 29.02 |
| 1979 | Apr. 13 | 6,700 | 24.69 | | | | | | | | |

## 02450825 CLEAR CREEK AT NEW HOPE CHURCH NEAR POPLAR SPRING

LOCATION.--Lat 34°04'52", long 87°16'22", in NE$^1/_4$ sec. 19, T. 11 S., R. 8 W., Winston County Hydrologic Unit 03160110, on left bank 150 ft downstream of bridge on county road at New Hope Church, 4.5 mi northeast of Poplar Spring, and 6.1 mi southeast of Double Springs.

DRAINAGE AREA.--101 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 565 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1946 | -- | 10,000 [2,7] | -- | 1996 | Jan. 27 | 2,340 | 6.14 | 2000 | Apr. 3 | 6,580 | 12.04 |
| 1980 | Nov. 24 | 2,510 | 6.49 | 1997 | May. 3 | 9,000[2] | 15.00 | 2001 | Apr. 4 | 9,740 | 15.82 |
| 1994 | Feb. 11 | 7,920 | 13.67 | 1998 | Jan. 7 | 9,190 | 15.18 | 2001 | Dec. 14 | 6,480 | 11.91 |
| 1995 | Apr. 21 | 4,440 | 9.25 | 1999 | Jan. 23 | 11,500 | 17.74 | 2003 | Feb. 22 | 7,160 | 13.59 |

## 02451000 CLEAR CREEK AT FALLS CITY

LOCATION.--Lat 34°01'05", long 87°16'30", in NE$^1/_4$ sec. 9, T. 12 S., R. 7 W., Winston County, Hydrologic Unit 03160110, 15 ft downstream from highway bridge, 0.2 mi upstream from Clear Creek Falls, 0.5 mi south of Falls City, and 2 mi upstream from mouth.
DRAINAGE AREA.--149 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 460 ft NGVD 29.
REMARKS.--Since 1961, site in backwater from Lewis Smith Dam.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1940 | July 4 | 3,500 | 4.59 | 1947 | Jan. 20 | 3,480 | 4.61 | 1954 | Jan. 22 | 4,980 | 5.75 |
| 1941 | Mar. 7 | 2,870 | 4.03 | 1948 | Feb. 13 | 6,640 | 7.10 | 1955 | Mar. 22 | 6,900 | 7.30 |
| 1942 | Mar. 17 | 3,080 | 4.18 | 1949 | Jan. 5 | 9,670 | 9.10 | 1956 | Feb. 6 | 4,230 | 5.20 |
| 1943 | Dec. 28 | 5,350 | 6.07 | 1950 | Jan. 6 | 9,670 | 9.10 | 1957 | Feb. 1 | 3,980 | 5.00 |
| 1944 | Mar. 29 | 7,030 | 7.35 | 1951 | Mar. 29 | 11,700 | 10.30 | 1958 | -- | 6,770 | 7.20 |
| 1945 | Feb. 13 | 4,600 | 5.48 | 1952 | Dec. 21 | 3,980 | 5.00 | 1959 | Jan. 21 | 1,900 | 3.25 |
| 1946 | Jan. 8 | 13,000 | 10.97 | 1953 | Feb. 21 | 5,480 | 6.20 | 1960 | Mar. 2 | 5,860 | 6.50 |

## 02453000 BLACKWATER CREEK NEAR MANCHESTER

LOCATION.--Lat 33°54'30", long 87°15'25", in SE$^1/_4$ sec. 15, T. 13 S., R. 7 W., Walker County, Hydrologic Unit 03160109, 100 ft downstream from State Highway 257, 0.2 mi downstream from small unnamed tributary, 2 mi east of Manchester, and 5.5 mi north of Jasper.
DRAINAGE AREA.--181 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 401.04 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1939 | Feb. 28 | 6,000 | 9.82 | 1957 | Feb. 2 | 3,440 | 7.40 | 1981 | Apr. 1 | 2,550 | 6.73 |
| 1940 | July 9 | 2,250 | 6.37 | 1958 | Nov. 18 | 6,300 | 10.00 | 1982 | Jan. 5 | 4,930 | 8.99 |
| 1941 | Mar. 8 | 1,450 | 5.53 | 1959 | Jan. 21 | 2,700 | 6.76 | 1989 | Jan. 14 | 3,950 | 8.00 |
| 1942 | Mar. 18 | 1,600 | 5.66 | 1960 | Mar. 3 | 3,330 | 7.30 | 1990 | Feb. 16 | 7,040 | 10.66 |
| 1943 | Dec. 28 | 3,140 | 7.18 | 1961 | Feb. 23 | 10,600 | 13.10 | 1991 | Dec. 24 | 8,700 | 11.86 |
| 1944 | Mar. 30 | 4,400 | 8.56 | 1962 | Apr. 13 | 6,420 | 10.09 | 1992 | Dec. 5 | 1,950 | 6.03 |
| 1945 | Mar. 4 | 3,110 | 7.07 | 1963 | May 29 | 3,600 | 7.68 | 1993 | May 5 | 3,060 | 7.11 |
| 1946 | Jan. 9 | 8,050 | 11.49 | 1964 | Apr. 13 | 6,360 | 10.05 | 1994 | Mar. 27 | 6,700 | 10.48 |
| 1947 | Jan. 20 | 3,250 | 7.50 | 1965 | Feb. 13 | 4,680 | 8.65 | 1995 | Mar. 8 | 3,160 | 7.22 |
| 1948 | Feb. 14 | 3,800 | 8.04 | 1966 | Apr. 28 | 3,000 [1] | -- | 1996 | Jan. 27 | 3,050 | 7.10 |
| 1949 | Jan. 7 | 6,070 | 9.90 | 1967 | Feb. 20 | 2,090 | 6.29 | 1997 | May 3 | 5,480 | 9.47 |
| 1950 | Jan. 8 | 6,200 | 10.00 | 1968 | Jan. 12 | 5,830 | 9.61 | 1998 | Jan. 9 | 4,870 | 8.92 |
| 1951 | Mar. 30 | 7,400 | 11.00 | 1969 | Feb. 4 | 3,460 | 7.55 | 1999 | Jan. 25 | 4,400 | 8.46 |
| 1952 | Dec. 20 | 2,750 | 6.80 | 1970 | Mar. 22 | 3,530 | 7.62 | 2000 | Apr. 5 | 4,600 | 8.61 |
| 1953 | May 4 | 3,200 | 7.30 | 1971 | Feb. 24 | 4,260 | 8.28 | 2001 | Apr. 3 | 8,720 | 11.98 |
| 1954 | Jan. 22 | 2,850 | 6.96 | 1979 | Apr. 14 | 8,550 | 11.69 | 2002 | Dec. 14 | 5,080 | 9.12 |
| 1955 | Mar. 22 | 3,100 | 7.23 | 1980 | Mar. 20 | 6,870 | 10.44 | 2003 | Feb. 24 | 4,040 | 8.09 |
| 1956 | Feb. 6 | 2,720 | 6.77 | | | | | | | | |

## 02453950 LOST CREEK NEAR JASPER

LOCATION.--Lat 33°48’56”, long 87°23’02”, in NW$^1/_4$ sec. 21, T. 14 S., R. 8 W., Walker County, Hydrologic Unit 03160109, at bridge on U.S. Highway 78, 6 mi west of Jasper.
DRAINAGE AREA.--115 mi$^2$.
GAGE.--Crest-stage gage. Datum not available.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Mar. 29 | 12,000 | 24.80 | 1959 | Jan. 21 | 2,990 | 16.30 | 1965 | Feb. 12 | 6,530 | 21.50 |
| 1952 | Mar. 11 | 3,230 | 17.20 | 1960 | Mar. 3 | 6,800 | 21.70 | 1966 | Apr. 28 | 4,050 | 19.21 |
| 1954 | Jan. 16 | 4,800 | 20.00 | 1961 | Feb. 23 | 11,900 | 24.75 | 1967 | Feb. 20 | 3,070 | 16.70 |
| 1955 | Feb. 6 | 6,200 | 21.20 | 1962 | Dec. 18 | 8,800 | 22.95 | 1968 | Jan. 10 | 9,400 | 23.30 |
| 1956 | Mar. 15 | 3,300 | 17.40 | 1963 | Mar. 13 | 3,600 | 18.67 | 1969 | Feb. 2 | 3,090 | 16.76 |
| 1957 | Apr. 5 | 3,400 | 17.70 | 1964 | Apr. 14 | 10,100 | 23.95 | 1970 | Mar. 20 | 6,940 | 21.80 |
| 1958 | Nov. 19 | 9,800 | 23.40 | | | | | | | | |

## 02454000 LOST CREEK NEAR OAKMAN

LOCATION.--Lat 33°45'50", long 87°21'30", in SE$^1/_4$ sec. 3, T. 15 S., R. 8 W., Walker County, Hydrologic Unit 03160109, on State Highway 69, 0.2 mi upstream from Wolf Branch, 0.8 mi downstream from Pumpkin Creek, 4.0 mi northeast of Oakman, 6.5 mi southwest of Jasper, and at mile 24.8.
DRAINAGE AREA.--134 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 280 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Mar. 29 | 13,300 [2] | -- | 1959 | Jan. 21 | 3,260 | 15.30 | 1967 | Feb. 20 | 3,370 | 15.56 |
| 1952 | Dec. 21 | 3,550 | 16.50 | 1960 | Mar. 3 | 5,180 | 20.50 | 1968 | Jan. 11 | 7,600 | 24.70 |
| 1953 | Feb. 22 | 4,000 | 17.50 | 1961 | Feb. 23 | 19,400 | 30.73 | 1969 | Feb. 2 | 3,500 | 15.89 |
| 1954 | Jan. 16 | 4,100 | 17.68 | 1962 | Dec. 18 | 7,600 | 24.86 | 1970 | Mar. 20 | 6,700 | 23.49 |
| 1955 | Feb. 7 | 4,500 | 18.80 | 1963 | Mar. 19 | 3,550 | 16.19 | 1979 | Apr. 13 | 10,800 | 27.92 |
| 1956 | Feb. 4 | 3,200 | 15.00 | 1964 | Apr. 13 | 10,100 | 27.35 | 1980 | Mar. 21 | 5,350 | 21.02 |
| 1957 | Feb. 1 | 3,290 | 15.40 | 1965 | Feb. 12 | 4,960 | 19.83 | 1981 | Mar. 31 | 3,600 | 16.31 |
| 1958 | Nov. 19 | 7,700 | 24.90 | 1966 | Apr. 28 | 4,210 | 18.18 | | | | |

## 02454200 WOLF CREEK NEAR OAKMAN

LOCATION.--Lat 33°40'20", long 87°23'15", in NW$^1/_4$ sec. 9, T. 16 S., R. 8 W., Walker County, Hydrologic Unit 03160109, on State Highway 69, 3 mi south of Oakman, and 9 mi upstream from Indian Creek.
DRAINAGE AREA.--85.0 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 270 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | Nov. 19 | 4,700 | 17.57 | 1963 | Mar. 13 | 2,870 | 13.58 | 1968 | Jan. 10 | 4,890 | 17.84 |
| 1959 | Jan. 21 | 2,500 | 12.28 | 1964 | Apr. 13 | 7,980 | 21.40 | 1969 | Feb. 2 | 2,360 | 11.70 |
| 1960 | Mar. 3 | 4,860 | 17.75 | 1965 | Feb. 12 | 3,030 | 14.08 | 1970 | Mar. 20 | 14,000 | 26.50 |
| 1961 | Feb. 22 | 9,820 | 22.80 | 1966 | Apr. 27 | 5,920 | 19.27 | 1979 | Apr. 13 | 10,700[7] | 24.21 |
| 1962 | Dec. 18 | 5,380 | 18.54 | 1967 | Feb. 20 | 2,180 | 10.96 | | | | |

## 02454500 LOCUST FORK BELOW SNEAD

LOCATION.--Lat 34°08'04", long 86°23'12", in SW$^1/_4$ sec. 25, T. 10 S., R. 2 E., Blount County, Hydrologic Unit 03160111, on State Highway 75, 0.5 mi downstream from Mud Creek, 1.5 mi upstream from Slab Creek, and 2.2 mi northwest of Snead.
DRAINAGE AREA.--147 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 702.94 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1953 | Jan. 10 | 4,720 | 17.80 | 1959 | Jan. 21 | 3,550 | 14.60 | 1965 | Mar. 26 | 6,140 | 20.25 |
| 1954 | Jan. 16 | 7,750 | 25.10 | 1960 | Mar. 3 | 4,380 | 16.90 | 1966 | Mar. 4 | 7,530 | 22.72 |
| 1955 | Feb. 6 | 4,240 | 16.52 | 1961 | Feb. 22 | 12,100 | 29.65 | 1967 | Apr. 26 | 7,570 | 22.78 |
| 1956 | Apr. 15 | 4,720 | 17.80 | 1962 | Dec. 18 | 10,700 | 27.65 | 1968 | Jan. 10 | 5,990 | 19.98 |
| 1957 | Feb. 3 | 3,640 | 14.30 | 1963 | Apr. 30 | 12,200 | 29.87 | 1969 | May 18 | 3,570 | 14.72 |
| 1958 | Dec. 20 | 1,600 | 9.00 | 1964 | Apr. 8 | 7,340 | 22.40 | | | | |

## 02455000 LOCUST FORK NEAR CLEVELAND

LOCATION.--Lat 34°01'28", long 86°34'27", in NE$^1/_4$ sec. 6, T. 12 S., R. 1 E., Blount County, Hydrologic Unit 03160111, 200 ft upstream from U.S. Highway 231, 2.5 mi downstream from Graves Creek, 3 mi north of Cleveland, and at mile 98.6.

DRAINAGE AREA.--303 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 536.94 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1941 | Aug. 1 | 17,000 | 14.00 | 1962 | Dec. 18 | 13,500 | 12.62 | 1984 | Dec. 28 | 12,300 | 11.88 |
| 1942 | Feb. 17 | 8,100 | 10.00 | 1963 | Apr. 30 | 13,000 | 12.51 | 1985 | Feb. 1 | 7,550 [E] | 9.69 |
| 1943 | Dec. 28 | 34,000 | 19.20 | 1965 | Mar. 26 | 9,570 | 10.70 | 1986 | May 28 | 6,400 | 9.00 |
| 1944 | Feb. 27 | 9,600 | 10.80 | 1966 | Mar. 4 | 9,400 | 10.61 | 1987 | Jan. 19 | 8,450 | 10.20 |
| 1945 | Feb. 13 | 12,000 | 12.00 | 1967 | Apr. 26 | 9,000 | 10.49 | 1988 | Sept. 18 | 5,400 | 8.34 |
| 1946 | Feb. 10 | 14,000 | 12.90 | 1968 | Jan. 10 | 9,850 | 10.94 | 1989 | Feb. 28 | 11,400 | 11.45 |
| 1947 | Jan. 20 | 11,500 | 11.76 | 1969 | May 18 | 6,100 | 8.88 | 1990 | Feb. 16 | 24,400 | 16.46 |
| 1948 | Feb. 14 | 10,000 | 11.00 | 1970 | Mar. 20 | 7,650 | 9.66 | 1991 | Feb. 20 | 12,300 | 11.85 |
| 1949 | Jan. 5 | 22,500 | 15.90 | 1971 | July 16 | 13,900 | 12.75 | 1992 | Feb. 26 | 7,200 | 9.45 |
| 1950 | Mar. 13 | 16,000 | 13.70 | 1972 | Jan. 4 | 7,800 | 9.80 | 1993 | Jan. 12 | 9,500 | 10.73 |
| 1951 | Mar. 29 | 18,000 | 14.54 | 1973 | May 28 | 8,600 | 10.29 | 1994 | Mar. 28 | 9,000 | 10.44 |
| 1952 | Dec. 21 | 9,600 | 10.90 | 1974 | Dec. 26 | 6,500 | 9.05 | 1995 | Feb. 16 | 10,700 | 11.30 |
| 1953 | Jan. 10 | 7,400 | 9.60 | 1975 | Mar. 14 | 8,700 | 10.36 | 1996 | Oct. 5 | 16,800 | 13.76 |
| 1954 | Jan. 16 | 11,700 | 11.80 | 1976 | Mar. 30 | 10,800 | 11.35 | 1997 | May 3 | 17,300 | 13.96 |
| 1955 | Feb. 6 | 7,800 | 9.80 | 1977 | Mar. 13 | 17,500 | 14.13 | 1998 | Jan. 8 | 17,800 | 14.13 |
| 1956 | Apr. 16 | 7,700 | 9.70 | 1978 | May 9 | 8,100 | 9.99 | 1999 | Jan. 23 | 8,500 | 10.22 |
| 1957 | Feb. 3 | 5,600 | 8.60 | 1979 | Apr. 13 | 20,200 | 15.30 | 2000 | Apr. 4 | 14,500 | 12.78 |
| 1958 | Nov. 19 | 5,600 | 8.60 | 1980 | Mar. 17 | 12,800 | 12.35 | 2001 | Mar. 20 | 9,520 | 10.76 |
| 1959 | Jan. 22 | 6,350 | 8.40 | 1981 | Mar. 31 | 6,600 | 9.11 | 2002 | Jan. 25 | 11,500 | 11.47 |
| 1960 | Mar. 3 | 8,100 | 10.00 | 1982 | Jan. 4 | 26,400 | 17.05 | 2003 | Mar. 6 | 11,800 | 11.57 |
| 1961 | Feb. 22 | 16,900 | 13.91 | 1983 | Dec. 1 | 14,600 | 12.91 | | | | |

## 02455500 LOCUST FORK AT TRAFFORD

LOCATION.--Lat 33°49'49", long 86°45'21", in SW$^1/_4$ sec. 9, T. 14 S., R. 2 W., Jefferson County, Hydrologic Unit 03160111, 0.8 mi northwest of Trafford, 1.5 mi east of Coaldale, 2.8 mi upstream from Gurley Creek, and at mile 67.4.
DRAINAGE AREA.--624 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 309.12 ft NGVD 29.
REMARKS.--Records include effects of diversion upstream on Blackburn Fork by Birmingham Water Works.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1908 | -- | 62,400 [2,7] | 60.00 | 1945 | Feb. 13 | 23,500 | 34.60 | 1960 | Mar. 3 | 21,900 | 33.80 |
| 1931 | Nov. 17 | 19,400 | 31.50 | 1946 | Feb. 10 | 38,000 | 45.60 | 1961 | Feb. 23 | 47,000 | 53.38 |
| 1932 | Jan. 30 | 21,400 | 33.50 | 1947 | Jan. 16 | 31,400 | 41.50 | 1962 | Dec. 19 | 31,400 | 43.81 |
| 1933 | Dec. 12 | 19,000 | 31.15 | 1948 | Feb. 14 | 22,600 | 33.80 | 1963 | Apr. 30 | 20,700 | 35.05 |
| 1934 | Mar. 4 | 22,000 | 33.91 | 1949 | Jan. 6 | 60,700 | 59.10 | 1964 | Apr. 14 | 21,300 | 35.65 |
| 1935 | Oct. 11 | 28,100 | 38.95 | 1950 | Mar. 14 | 43,000 | 48.50 | 1965 | Mar. 27 | 15,600 | 30.14 |
| 1936 | Feb. 4 | 45,500 | 50.25 | 1951 | Mar. 29 | 51,100 | 53.20 | 1966 | Mar. 4 | 13,800 | 28.15 |
| 1937 | Jan. 3 | 30,300 | 40.30 | 1952 | Dec. 21 | 18,000 [1] | -- | 1967 | Feb. 21 | 11,000 | 25.90 |
| 1938 | Apr. 9 | 37,000 | 44.80 | 1953 | Jan. 10 | 16,100 | 28.20 | 1968 | Jan. 10 | 21,300 | 35.10 |
| 1939 | Feb. 28 | 17,000 | 29.10 | 1954 | Jan. 16 | 30,000 | 40.40 | 1969 | May 19 | 18,800 | 32.90 |
| 1940 | Apr. 4 | 13,700 | -- | 1955 | Feb. 7 | 18,600 | 30.70 | 1993 | Jan. 13 | 18,600 | 33.15 |
| 1941 | Aug. 1 | 27,000 | 38.03 | 1956 | Apr. 16 | 19,000 | 31.10 | 1994 | Mar. 28 | 16,100 | 30.67 |
| 1942 | Feb. 17 | 24,300 | 35.36 | 1957 | Feb. 4 | 13,600 | 25.50 | 1995 | Feb. 17 | 14,900 | 29.39 |
| 1943 | Dec. 29 | 55,800 | 56.38 | 1958 | Nov. 19 | 10,800 | 22.20 | 1996 | Jan. 27 | 30,000 | 43.00 |
| 1944 | Mar. 29 | 24,300 | 35.60 | 1959 | Jan. 22 | 12,300 | 24.00 | 1997 | May 4 | 26,100 | 39.77 |

## 02456000 TURKEY CREEK AT MORRIS

LOCATION.--Lat 33°44'25", long 86°48'45", in SW$^1/_4$ sec. 12, T. 15 S., R. 3 W., Jefferson County, Hydrologic Unit 03160111, on (county road) former U.S. Highway 31 at Morris, 0.8 mi downstream from Cunningham Creek, and at mile 4.0.
DRAINAGE AREA.--80.9 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 345.18 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1943 | Dec. -- | 13,000 | 22.60 | 1956 | Apr. 6 | 5,670 | 14.40 | 1969 | May 18 | 6,260 | 15.13 |
| 1944 | Mar. 29 | 3,510 | 11.00 | 1957 | Apr. 4 | 4,420 | 12.50 | 1970 | Mar. 19 | 14,000 | 23.12 |
| 1945 | Feb. 13 | 6,410 | 15.30 | 1958 | Dec. 20 | 2,160 | 8.30 | 1971 | Feb. 5 | 4,060 | 11.92 |
| 1946 | Feb. 10 | 9,500 | 18.70 | 1959 | Mar. 11 | 3,130 | 10.30 | 1972 | Jan. 10 | 9,300 | 18.30 |
| 1947 | Jan. 15 | 9,600 | 19.00 | 1960 | Mar. 2 | 5,390 | 13.99 | 1973 | Mar. 31 | 5,260 | 13.80 |
| 1948 | Feb. 9 | 2,530 | 9.10 | 1961 | Feb. 21 | 13,000 | 21.88 | 1974 | Apr. 13 | 6,860 | 15.80 |
| 1949 | Nov. 28 | 14,300 | 23.10 | 1962 | Dec. 18 | 11,000 | 20.09 | 1975 | Jan. 25 | 5,990 | 14.81 |
| 1950 | Mar. 13 | 7,600 | 16.60 | 1963 | Apr. 30 | 4,480 | 12.59 | 1976 | Mar. 31 | 6,380 | 15.20 |
| 1951 | Mar. 29 | 11,100 | 20.10 | 1964 | Mar. 15 | 6,770 | 15.70 | 1977 | Apr. 4 | 11,700 | 21.14 |
| 1952 | Dec. 20 | 5,820 | 14.60 | 1965 | Feb. 12 | 2,630 | 9.15 | 1978 | Oct. 9 | 6,780 | 15.43 |
| 1953 | Jan. 9 | 6,320 | 15.20 | 1966 | Apr. 27 | 7,670 | 16.67 | 1979 | Apr. 13 | 10,700 | 19.55 |
| 1954 | Jan. 16 | 6,260 | 15.13 | 1967 | Feb. 20 | 540 | 3.40 | 2003 | May 7 | 15,800 [7] | 24.95 |
| 1955 | Feb. 6 | 5,520 | 14.23 | 1968 | Mar. 11 | 2,470 | 8.81 | | | | |

## 02456500 LOCUST FORK AT SAYRE

LOCATION.--Lat 33°42'35", long 86°59'00", in NW$^1/_4$ sec. 29, T. 15 S., R. 4 W., Jefferson county, Hydrologic Unit 03160111, 150 ft upstream from county road at Sayre, 1.5 mi downstream from Camp Creek, and at mile 33.9.

DRAINAGE AREA.--885 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 258.64 ft NGVD 29.

REMARKS.--Record include effects of diversion upstream on Blackburn Fork by Birmingham Water Works.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1908 | -- | 56,000 [2,7] | -- | 1962 | Dec. 19 | 32,600 | 35.73 | 1984 | Dec. 4 | 24,200 | 29.96 |
| 1942 | Aug. 21 | 6,500 | 13.20 | 1963 | May 1 | 20,100 | 26.98 | 1985 | July 28 | 21,500 | 27.88 |
| 1943 | Dec. 29 | 48,000 | 45.00 | 1964 | Mar. 16 | 23,600 | 29.51 | 1986 | May 29 | 5,900 | 12.44 |
| 1944 | Mar. 30 | 27,500 | 32.01 | 1966 | Apr. 5 | 16,500 | 23.99 | 1987 | Mar. 1 | 20,400 | 27.06 |
| 1945 | Feb. 14 | 22,800 | 29.50 | 1967 | Feb. 21 | 12,700 | 20.24 | 1988 | Jan. 20 | 8,940 | 16.12 |
| 1946 | Feb. 11 | 37,500 | 38.90 | 1968 | Jan. 11 | 23,100 | 29.14 | 1989 | Mar. 1 | 21,600 | 27.96 |
| 1947 | Jan. 16 | 29,800 | 34.50 | 1969 | May 19 | 26,200 | 31.38 | 1990 | Feb. 17 | 42,400 | 41.79 |
| 1948 | Feb. 15 | 20,900 | 27.90 | 1970 | Mar. 20 | 34,900 | 37.16 | 1991 | Feb. 21 | 18,800 | 25.74 |
| 1949 | Jan. 7 | 55,300 | 47.90 | 1971 | Feb. 23 | 19,300 | 26.38 | 1992 | Feb. 26 | 14,700 | 22.00 |
| 1950 | Mar. 14 | 39,400 | 40.00 | 1972 | Jan. 5 | 20,800 | 27.47 | 1993 | Jan. 13 | 18,000 | 25.00 |
| 1951 | Mar. 30 | 47,200 | 43.90 | 1973 | Apr. 27 | 21,300 | 27.89 | 1994 | Mar. 29 | 21,300 | 27.80 |
| 1952 | Dec. 21 | 23,500 | 29.96 | 1974 | Apr. 13 | 17,000 | 24.41 | 1995 | Mar. 9 | 17,200 | 24.33 |
| 1953 | Jan. 10 | 18,900 | 26.20 | 1975 | Mar. 15 | 21,100 | 26.69 | 1996 | Jan. 28 | 32,200 | 35.47 |
| 1954 | Jan. 17 | 27,600 | 33.00 | 1976 | Mar. 31 | 29,200 | 33.41 | 1997 | May 4 | 24,100 | 29.92 |
| 1955 | Feb. 7 | 20,200 | 27.32 | 1977 | Apr. 6 | 33,900 | 36.54 | 1998 | Jan. 9 | 33,000 | 36.02 |
| 1956 | Apr. 17 | 17,400 | 24.80 | 1978 | Oct. 9 | 16,200 | 23.64 | 1999 | June 29 | 17,800 | 24.89 |
| 1957 | Apr. 5 | 15,300 | 22.80 | 1979 | Apr. 14 | 41,800 | 41.40 | 2000 | Apr. 4 | 32,500 | 35.68 |
| 1958 | Nov. 19 | 11,300 | 18.50 | 1980 | Mar. 19 | 30,300 | 34.17 | 2001 | Apr. 4 | 28,700 | 33.19 |
| 1959 | Jan. 22 | 12,300 | 19.70 | 1981 | Mar. 30 | 18,100 | 25.04 | 2002 | Jan. 26 | 20,400 | 27.01 |
| 1960 | Mar. 4 | 20,500 | 27.60 | 1982 | Jan. 5 | 30,200 | 34.17 | 2003 | May 8 | 34,200 | 36.75 |
| 1961 | Feb. 23 | 54,700 | 48.60 | 1983 | May 21 | 34,200 | 36.77 | | | | |

## 02462000 VALLEY CREEK NEAR OAK GROVE

LOCATION.--Lat 33°26'50", long 87°07'20", in NW$^1/_4$ sec. 25, T. 18 S., R. 6 W., Jefferson County, Hydrologic Unit 03160112, near center of span on downstream side of highway bridge, 1,000 ft down- stream from Raccoon Branch, 1.5 mi east of Oak Grove, 10.5 mi west of Bessemer, and 18.2 mi upstream from mouth.
DRAINAGE AREA.--148 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 438.64 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1916 | July -- | 26,800[7] | 29.60 | 1970 | Mar. 20 | 21,500 | 28.43 | 1987 | Jan. 19 | 6,420 | 16.06 |
| 1936 | Jan. 1 | 20,000 | 28.00 | 1971 | Feb. 5 | 7,340 | 18.36 | 1988 | Jan. 20 | 5,000 | 12.92 |
| 1954 | Jan. 16 | 8,570 | 20.70 | 1972 | Jan. 11 | 7,970 | 19.73 | 1989 | Mar. 5 | 7,070 | 17.44 |
| 1955 | Feb. 6 | 8,520 | 20.55 | 1973 | Apr. 1 | 8,070 | 19.95 | 1990 | Feb. 16 | 10,100 | 22.33 |
| 1956 | Apr. 6 | 8,520 | 20.65 | 1974 | Apr. 13 | 8,650 | 21.09 | 1991 | May 12 | 7,340 | 17.98 |
| 1957 | Apr. 4 | 8,170 | 19.80 | 1975 | Jan. 25 | 8,970 | 21.61 | 1992 | Feb. 26 | 3,540 | 9.79 |
| 1958 | Feb. 6 | 6,390 | 15.75 | 1976 | Mar. 27 | 13,300 | 25.39 | 1993 | Jan. 12 | 6,220 | 15.61 |
| 1959 | May 31 | 7,510 | 18.30 | 1977 | Sept. 7 | 8,680 | 21.14 | 1994 | Apr. 6 | 6,000 | 15.12 |
| 1960 | Mar. 3 | 5,650 | 14.20 | 1978 | Oct. 25 | 8,860 | 21.44 | 1995 | Mar. 8 | 4,830 | 12.55 |
| 1961 | Feb. 21 | 23,000 | 28.86 | 1979 | Apr. 13 | 23,000 | 29.80 | 1996 | Jan. 27 | 16,400 | 26.71 |
| 1962 | Dec. 18 | 12,700 | 25.12 | 1980 | Mar. 17 | 9,920 | 22.96 | 1997 | Apr. 27 | 3,710 | 10.14 |
| 1963 | Jan. 19 | 7,680 | 19.09 | 1981 | Mar. 30 | 8,730 | 21.21 | 1998 | Jan. 7 | 10,700 | 22.87 |
| 1964 | Apr. 6 | 10,200 | 23.29 | 1982 | Jan. 19 | 7,660 | 18.61 | 1999 | Jan. 23 | 6,480 | 16.18 |
| 1965 | Feb. 11 | 7,690 | 19.12 | 1983 | May 19 | 14,000 | 25.41 | 2000 | Mar. 11 | 9,230 | 21.23 |
| 1966 | Apr. 27 | 6,490 | 16.50 | 1984 | Dec. 4 | 32,000 | 33.98 | 2001 | Sept. 3 | 9,160 | 21.13 |
| 1967 | July 30 | 3,840 | 10.76 | 1985 | Feb. 5 | 5,450 | 13.90 | 2002 | Dec. 14 | 6,780 | 16.86 |
| 1968 | Dec. 15 | 6,540 | 16.62 | 1986 | Nov. 28 | 3,360 | 9.41 | 2003 | Dec. 24 | 6,670 | 16.62 |
| 1969 | May 19 | 11,800 | 24.73 | | | | | | | | |

## 02462600 BLUE CREEK NEAR OAKMAN

LOCATION.--Lat 33°31'17", long 87°29'07", in SW$^1/_4$ sec. 33, T. 17 S., R. 9 W., Tuscaloosa County, Hydrologic Unit 03160112, on State Highway 69, 1.5 mi southwest of Wiley, 2 mi upstream from McDuff Spring Branch, 12.6 mi upstream from mouth, and 14 mi southwest of Oakman.
DRAINAGE AREA.--5.32 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 420 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1960 | Nov. 23 | 887 | 4.50 | 1968 | July 8 | 3,700 | 7.37 | 1978 | Oct. 25 | 1,720 | 6.00 |
| 1961 | Feb. 21 | 3,430 | 7.16 | 1969 | Apr. 13 | 308 | 2.85 | 1979 | Apr. 12 | 3,000 | 6.93 |
| 1962 | Dec. 18 | 1,240 | 5.33 | 1970 | Mar. 19 | 4,250 | 7.70 | 1980 | Apr. 12 | 2,110 | 6.34 |
| 1963 | Mar. 5 | 473 | 3.56 | 1971 | Feb. 22 | 665 | 4.10 | 1981 | Mar. 30 | 700 | 4.38 |
| 1964 | Apr. 27 | 1,660 | 5.90 | 1972 | Jan. 4 | 2,000 | 6.22 | 1982 | Apr. 20 | 566 | 3.94 |
| 1965 | Feb. 9 | 1,200 | 5.26 | 1973 | Mar. 30 | 1,940 | 6.16 | 1983 | May 19 | 3,600 | 7.30 |
| 1966 | Apr. 27 | 1,450 | 5.64 | 1977 | Apr. 4 | 3,000 | 6.93 | 1984 | Dec. 3 | 3,240 | 7.04 |
| 1967 | Aug. 25 | 1,260 | 5.35 | | | | | | | | |

## 02462800 DAVIS CREEK BELOW ABERNANT

LOCATION.--Lat 33°18'30", long 87°13'10", in SE$^1/_4$ sec. 12, T. 20 S., R. 7 W., Tuscaloosa County, Hydrologic Unit 03160112, on county road, 0.2 mi downstream from Lye Branch, 0.6 mi downstream from Texas Creek, 2 mi northwest of Abernant, and 2.8 mi downstream from Rockcastle Creek.
DRAINAGE AREA.--45.3 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 410 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1957 | Apr. 4 | 2,630 | 11.10 | 1963 | Apr. 30 | 2,690 | 11.10 | 1969 | May 18 | 3,170 | 12.29 |
| 1958 | May 2 | 1,750 | 8.30 | 1964 | Apr. 6 | 3,490 | 13.10 | 1970 | Mar. 19 | 2,890 | 11.60 |
| 1959 | Jan. 21 | 1,450 | 7.45 | 1965 | Feb. 12 | 1,560 | 7.88 | 1971 | Feb. 5 | 2,350 | 10.15 |
| 1960 | Mar. 2 | 1,290 | 6.92 | 1966 | Feb. 13 | 2,060 | 9.33 | 1972 | Jan. 10 | 2,020 | 9.21 |
| 1961 | Feb. 21 | 5,800 | 18.30 | 1967 | June 30 | 580 | 4.57 | 1973 | Mar. 31 | 2,280 | 9.95 |
| 1962 | Dec. 18 | 3,850 | 14.00 | 1968 | Dec. 22 | 1,650 | 8.11 | | | | |

## 02463500 HURRICANE CREEK NEAR HOLT

LOCATION.--Lat 33°12'45", long 87°26'55", in SE$^1/_4$ sec. 14, T. 21 S., R. 9 W., Tuscaloosa County, Hydrologic Unit 03160112, on State Highway 116, 0.5 mi downstream from Cottondale Creek, 2.8 mi southeast of Holt, and at mile 7.1.
DRAINAGE AREA.--108 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 173.70 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1953 | Jan. 9 | 4,530 | 8.84 | 1959 | Jan. 21 | 2,770 | 7.00 | 1965 | Feb. 12 | 3,900 | 8.86 |
| 1954 | Jan. 16 | 6,200 | 10.50 | 1960 | Jan. 30 | 2,900 | 7.83 | 1966 | Feb. 6 | 4,280 | 9.43 |
| 1955 | Feb. 6 | 7,420 | 13.71 | 1961 | Feb. 21 | 16,800 | 22.33 | 1967 | July 1 | 920 | 5.45 |
| 1956 | Apr. 6 | 8,380 | 14.64 | 1962 | Dec. 18 | 12,300 | 18.97 | 1968 | Dec. 20 | 2,870 | 7.88 |
| 1957 | Apr. 4 | 5,500 | 10.90 | 1963 | Apr. 30 | 5,980 | 11.63 | 1969 | May 19 | 4,550 | 9.76 |
| 1958 | May 2 | 6,940 | 12.84 | 1964 | Mar. 15 | 8,080 | 14.55 | | | | |

## 02464000 NORTH RIVER NEAR SAMANTHA

LOCATION.--Lat 33°28'45", long 87°35'50", in SW$^1/_4$ sec. 16, T. 18 S., R. 10 W., Tuscaloosa County, Hydrologic Unit 03160112, 200 ft downstream from bridge on county road, 1.2 mi upstream from Cripple Creek, 4 mi north of Samantha, and at mile 36.9.

DRAINAGE AREA.--223 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 232.39 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1916 | -- | 20,500 [7] | 31.00 | 1960 | Mar. 3 | 9,530 | 19.20 | 1982 | Jan. 4 | 6,640 | 14.68 |
| 1936 | -- | 20,500 | 31.00 | 1961 | Feb. 22 | 17,600 | 30.32 | 1983 | Mar. 6 | 14,500 | 26.58 |
| 1939 | Feb. 28 | 12,000 | 22.96 | 1962 | Dec. 18 | 10,300 | 20.36 | 1984 | Dec. 3 | 19,700 | 30.82 |
| 1940 | July 4 | 6,600 | 14.35 | 1963 | July 16 | 6,320 | 14.17 | 1985 | May 2 | 5,700 | 12.84 |
| 1941 | Mar. 7 | 3,900 | 9.83 | 1964 | Apr. 27 | 10,200 | 20.16 | 1986 | Mar. 13 | 2,200 | 6.18 |
| 1942 | Feb. 17 | 6,000 | 13.43 | 1965 | Feb. 12 | 7,760 | 16.46 | 1987 | Jan. 19 | 6,970 | 15.19 |
| 1943 | Dec. 28 | 7,430 [2] | 15.95 | 1966 | Apr. 28 | 5,250 | 11.94 | 1988 | Feb. 3 | 2,500 | 6.79 |
| 1944 | Mar. 29 | 8,100 | 16.96 | 1967 | Feb. 20 | 5,010 | 11.46 | 1989 | Jan. 13 | 7,140 | 15.47 |
| 1945 | Mar. 4 | 6,040 | 13.68 | 1968 | Dec. 11 | 8,940 | 18.30 | 1990 | Feb. 16 | 14,700 | 26.21 |
| 1946 | Feb. 10 | 9,950 | 19.69 | 1969 | Apr. 14 | 5,840 | 13.12 | 1991 | Feb. 20 | 9,870 | 19.67 |
| 1947 | Jan. 20 | 6,590 | 14.63 | 1970 | Mar. 20 | 25,500 [7] | 35.08 | 1992 | Feb. 26 | 3,960 | 9.66 |
| 1948 | Feb. 9 | 5,680 | 13.10 | 1971 | Feb. 22 | 7,610 | 16.18 | 1993 | Jan. 12 | 7,480 | 15.99 |
| 1949 | Nov. 28 | 10,400 | 20.50 | 1972 | Jan. 10 | 8,440 | 17.46 | 1994 | Mar. 28 | 8,960 | 18.28 |
| 1950 | Mar. 13 | 14,000 | 26.00 | 1973 | Mar. 31 | 8,780 | 17.99 | 1995 | Feb. 17 | 4,310 | 10.25 |
| 1951 | Mar. 29 | 18,000 | 30.70 | 1974 | Dec. 26 | 13,400 | 24.85 | 1996 | Jan. 27 | 10,500 | 20.68 |
| 1952 | Dec. 21 | 7,650 | 16.30 | 1975 | Jan. 11 | 8,980 | 18.29 | 1997 | Feb. 21 | 6,130 | 13.70 |
| 1953 | Feb. 21 | 6,381 | 14.20 | 1976 | Oct. 8 | 6,760 | 14.88 | 1998 | Jan. 7 | 10,300 | 20.30 |
| 1954 | Jan. 16 | 8,160 | 17.06 | 1977 | Apr. 5 | 11,800 | 22.55 | 1999 | Jan. 31 | 8,450 | 17.48 |
| 1955 | Feb. 6 | 9,140 | 18.60 | 1978 | Oct. 9 | 7,210 | 15.57 | 2000 | Mar. 11 | 11,700 | 22.35 |
| 1956 | Apr. 6 | 5,380 | 12.20 | 1979 | Apr. 13 | 19,400 | 30.55 | 2001 | Feb. 13 | 5,950 | 13.13 |
| 1957 | Dec. 23 | 6,590 | 14.60 | 1980 | Mar. 17 | 9,820 | 19.58 | 2002 | Dec. 14 | 9,700 | 19.30 |
| 1958 | Nov. 19 | 7,020 | 15.30 | 1981 | Mar. 30 | 7,540 | 16.07 | 2003 | Feb. 22 | 8,670 | 16.51 |
| 1959 | Jan. 22 | 6,710 | 14.80 | | | | | | | | |

## 02465000 BLACK WARRIOR RIVER AT NORTHPORT

LOCATION.--Lat 33°12'51", long 87°34'50", in NE$^1/_4$ sec. 21, T. 21 S., R. 10 W., Tuscaloosa County, Hydrologic Unit 03160112, at Alabama State Dock Facility at Northport, 0.3 mi upstream from Oliver Lock and Dam, 0.9 mi downstream from Two Mile Creek, 5.2 mi downstream from North River, and at mile 126.6.

DRAINAGE AREA.--4,820 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 83.35 ft NGVD 29. See Water Supply Paper 2106 for history of changes prior to Mar. 19, 1951. Mar. 20, 1951 to Feb. 13, 1974, water-stage recorder 0.35 mi upstream on pier of former bridge at present datum. Feb. 14, 1974 to Aug. 7, 1974, non- recording gage at site 0.35 mi downstream at datum 1.08 ft lower. Aug. 8, 1974 to Sept. 30, 1991, water-stage recorder at loading dock of Alabama State Dock facility, 0.4 mi upstream at same datum.

REMARKS.--Flow regulated since 1914 by Bankhead Lock and Dam, since 1961 by Lewis Smith Reservoir, and since 1969 by Holt Lock and Dam.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1900 | Apr. 18 | 215,000[7] | 67.70 | 1954 | Jan. 16 | 127,000 | 56.78 [2] | 1980 | Apr. 14 | 149,000 | 58.26 |
| 1929 | Mar. 15 | 132,000 | 62.20 | 1955 | Feb. 7 | 113,000 | 56.66 | 1981 | Mar. 30 | 98,700 | 51.67 |
| 1930 | Nov. 15 | 166,000 | 65.10 | 1956 | Apr. 6 | 98,000 | 54.36 | 1982 | Jan. 5 | 85,100 | 50.55 |
| 1931 | Nov. 17 | 55,500 | 49.80 | 1957 | Apr. 5 | 83,000 | 50.82 [2] | 1983 | May 19 | 169,000 | -- |
| 1932 | Feb. 17 | 78,000 | 54.80 | 1958 | Nov. 20 | 94,300 | 53.67 | 1984 | Dec. 3 | 271,000 [6] | -- |
| 1933 | Oct. 17 | 127,000 | 61.40 | 1959 | Jan. 22 | 69,800 | 48.55 | 1985 | July 27 | 65,600 [E] | 48.81 |
| 1934 | Mar. 4 | 99,700 | 57.60 | 1960 | Mar. 3 | 82,500 | 53.76 | 1986 | Dec. 13 | 30,600 [E] | 45.19 |
| 1935 | Mar. 7 | 106,000 | 58.80 | 1961 | Feb. 21 | 224,000 | 66.21 [2] | 1987 | Feb. 28 | 99,400 | 52.53 |
| 1936 | Feb. 4 | 148,000 | 63.50 | 1962 | Dec. 18 | 141,000 | 59.86 | 1988 | Jan. 20 | 41,000 | 46.33 |
| 1937 | Jan. 3 | 107,000 | 58.60 | 1963 | Apr. 30 | 57,400 | 47.62 | 1989 | July 2 | 94,600 | 51.35 |
| 1938 | Apr. 8 | 144,000 | 62.30 | 1964 | Apr. 6 | 116,000 | 54.03 [2] | 1990 | Feb. 16 | 190,000 | 61.60 |
| 1939 | Mar. 1 | 121,000 | 59.70 | 1965 | Feb. 12 | 82,700 | 52.19 | 1991 | Feb. 20 | 104,000 | 52.16 |
| 1940 | Feb. 6 | 112,000 | 55.00 | 1966 | Apr. 27 | 86,100 | -- | 1992 | Feb. 26 | 49,400 | 50.48 |
| 1941 | Mar. 7 | 55,900 | 47.50 | 1967 | Feb. 20 | 43,800 | 46.59 | 1993 | Jan. 12 | 129,000 | 53.21 |
| 1942 | Feb. 18 | 87,800 | 53.30 | 1968 | Jan. 10 | 96,200 | -- | 1994 | Mar. 29 | 105,000[2] | 52.40 |
| 1943 | Dec. 29 | 117,000 | 59.40 | 1969 | May 19 | 113,000 | 53.36 | 1995 | Mar. 8 | 74,200 | 48.83 |
| 1944 | Mar. 29 | 150,000 | 61.30 | 1970 | Mar. 20 | 205,000 | 61.89 | 1996 | Jan. 27 | 180,000 | 58.42 |
| 1945 | Feb. 14 | 93,500 | 55.60 | 1971 | Feb. 22 | 87,800 | 52.03 | 1997 | Jan. 25 | 65,200 | 47.95 |
| 1946 | Feb. 10 | 169,000 | 62.40 | 1972 | Jan. 10 | 107,000 | 52.34 | 1998 | Jan. 7 | 159,000 | -- |
| 1947 | Jan. 20 | 146,000 | 60.10 | 1973 | Mar. 31 | 97,900 | 52.71 | 1999 | Jan. 31 | 116,000[2] | 52.20 |
| 1948 | Feb. 14 | 121,000 | 59.90 | 1974 | Dec. 26 | 150,000 | 58.90 | 2000 | Apr. 4 | 186,000 | 142.49 |
| 1949 | Jan. 5 | 177,000 | 63.70 | 1975 | Mar. 14 | 95,800 | 53.03 | 2001 | Apr. 5 | 124,000 | 135.38 |
| 1950 | Mar. 14 | 152,000 | 62.00 | 1976 | May 15 | 105,000 | 53.87 | 2001 | Dec. 14 | 123,000 | 135.06 |
| 1951 | Mar. 29 | 223,000 | 65.98 | 1977 | Apr. 5 | 161,000 | 59.70 | 2003 | May 9 | 119,000 | 134.81 |
| 1952 | Dec. 21 | 120,000 | 56.30 | 1978 | Oct. 25 | 115,000 | 52.90 | | | | |
| 1953 | Jan. 9 | 120,000 | 54.10 | 1979 | Apr. 13 | 272,000 | 66.85 | | | | |

## 02465205 JAY CREEK NEAR COKER

LOCATION.--Lat 33°13'30", long 87°41'50", in NW$^1/_4$ sec. 16, T. 21 S., R. 11 W., Tuscaloosa County, Hydrologic Unit 03160113, on county road 2, about 1.6 mi southwest of Coker.
DRAINAGE AREA.--3.65 mi$^2$.
GAGE.--Water-stage recorder 1964-71. Crest-stage gage 1972-74. Datum of gage is 170 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | Apr. 6 | 365 | 5.19 | 1969 | Apr. 17 | 400 | 5.36 | 1973 | Mar. 30 | 470 | 5.60 |
| 1965 | Apr. 7 | 560 | 5.80 | 1970 | Mar. 19 | 205 | 4.35 | 1974 | Apr. 13 | 1,100 | 6.58 |
| 1966 | Apr. 27 | 880 | 6.37 | 1971 | Feb. 21 | 1,950 | 7.20 | 1997 | Feb. 21 | 490 | 5.64 |
| 1967 | Aug. 10 | 43.0 | 3.23 | 1972 | -- | 40 [4] | -- | 1998 | Jan. 7 | 1,170 [7] | 6.62 |
| 1968 | Mar. 11 | 215 | 4.50 | | | | | | | | |

## 02465493 ELLIOTS CREEK AT MOUNDVILLE

LOCATION.--Lat 32°59'50", long 87°37'20", in SW$^1/_4$ sec. 6, T. 23 N., R. 5 E., Hale County, Hydrologic Unit 03160113, on State Highway 69 at Moundville, and 6.6 mi upstream from mouth.
DRAINAGE AREA.--32.3 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 147.81 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1977 | Mar. 21 | 760 | 6.58 | 1986 | Oct. 1 | 160 | 4.92 | 1995 | Mar. 1 | 480 | 6.33 |
| 1978 | Oct. 26 | 375 | 6.11 | 1987 | Jan. 19 | 1,600 | 7.04 | 1996 | Jan. 27 | 900 | 6.83 |
| 1979 | Apr. 13 | 2,600 | 7.40 | 1988 | Jan. 21 | 99.0 | 3.98 | 1997 | July 22 | 840 | 6.75 |
| 1980 | Apr. 13 | 750 | 6.56 | 1989 | Mar. 4 | 475 | 6.31 | 1998 | Jan. 7 | 897 | 6.82 |
| 1981 | Mar. 30 | 550 | 6.42 | 1990 | Feb. 16 | 6,500 | 8.80 | 1999 | Jan. 30 | 1,460 | 7.26 |
| 1982 | Apr. 20 | 380 | 6.15 | 1991 | Feb. 20 | 560 | 6.43 | 2000 | Apr. 3 | 524 | 6.37 |
| 1983 | Feb. 2 | 1,360 | 6.85 | 1992 | Sept. 4 | 280 | 5.90 | 2001 | Sept. 4 | 420 | 6.21 |
| 1984 | Dec. 29 | 560 | 6.43 | 1993 | Jan. 22 | 250 | 5.72 | 2002 | Jan. 25 | 360 | 6.07 |
| 1985 | Feb. 5 | 365 [E] | 6.08 | 1994 | Jan. 27 | 260 | 5.74 | 2003 | Apr. 25 | 1,160 | 7.05 |

## 02465500 FIVEMILE CREEK NEAR GREENSBORO

LOCATION.--Lat 32°49'46", long 87°36'15", in NW$^1/_4$ sec. 5, T. 21 N., R. 5 E., Hale County, Hydrologic Unit 03160113, on State Highway 69, 8.5 mi north of Greensboro, and 12 mi upstream from mouth.
DRAINAGE AREA.--73.6 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 160 ft NGVD 29 (by barometer).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | Apr. 14 | 2,470 | 7.90 | 1962 | Dec. 18 | 7,400 | 9.84 | 1969 | Apr. 19 | 1,440 | 7.35 |
| 1956 | Mar. 16 | 3,540 | 8.37 | 1963 | Jan. 21 | 647 | 6.36 | 1970 | June 4 | 2,970 | 8.27 |
| 1957 | Apr. 5 | 1,900 | 7.65 | 1964 | Apr. 6 | 3,460 | 8.49 | 1971 | Mar. 3 | 1,840 | 7.65 |
| 1958 | Feb. 7 | 955 | 6.86 | 1965 | Feb. 12 | 1,540 | 7.43 | 1972 | Jan. 11 | 2,930 | 8.25 |
| 1959 | Feb. 10 | 628 | 6.40 | 1966 | Feb. 16 | 1,880 | 7.67 | 1973 | Apr. 8 | 1,120 | 6.92 |
| 1960 | Jan. 30 | 974 | 6.88 | 1967 | Feb. 8 | 256 | 5.16 | 1974 | Dec. 26 | 3,280 | 8.30 |
| 1961 | Feb. 22 | 7,400 | 9.84 | 1968 | Apr. 5 | 1,320 | 7.25 | 1979 | Apr. 13 | 2,700 | 8.14 |

## 02466000 BLACK WARRIOR RIVER NEAR EUTAW

LOCATION.--Lat 32°49'07", long 87°48'56", in SE$^1/_4$ sec. 6, T. 21 N., R. 3 E., Greene County, Hydrologic Unit 03160113, on State Highway 14 (formerly State Highway 41) between Eutaw and Wedgeworth, 1.2 mi downstream from Big Creek, and 4 mi southeast of Eutaw.
DRAINAGE AREA.--5,792 mi$^2$.
GAGE.--Water-level recorder. Datum of gage is 53.11 ft NGVD 29.
REMARKS.--Flow regulated since 1914 by Bankhead Lock and Dam, since 1940 by Oliver Lock and Dam, since 1961 by Lewis Smith Dam, and since 1969 by Holt Lock and Dam.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1933 | Dec. 16 | 85,600 | 54.41 | 1942 | Feb. 20 | 46,000 | 45.00 | 1951 | Apr. 1 | 183,000 | 59.10 |
| 1934 | Mar. 7 | 68,200 | 51.01 | 1943 | Jan. 2 | 79,800 | 52.70 | 1952 | Dec. 24 | 54,600 | 48.00 |
| 1935 | Mar. 9 | 72,700 | 52.19 | 1944 | Apr. 1 | 109,000 | 55.00 | 1953 | Feb. 25 | 54,700 | 48.00 |
| 1936 | Feb. 7 | 130,000 | 56.30 | 1945 | Feb. 15 | 54,300 | 43.00 | 1954 | Jan. 20 | 55,400 | 47.20 |
| 1937 | Jan. 6 | 66,700 | 51.80 | 1946 | Feb. 13 | 134,000 | 55.90 | 1955 | Feb. 9 | 51,700 | 46.90 |
| 1938 | Apr. 11 | 122,000 | 55.74 | 1947 | Jan. 23 | 114,000 | 55.20 | 1956 | Apr. 9 | 52,700 | 47.20 |
| 1939 | Mar. 4 | 69,300 | 52.11 | 1948 | Feb. 16 | 102,000 | 54.60 | 1957 | Feb. 7 | 55,800 | 47.70 |
| 1940 | July 18 | 50,400 | 48.68 | 1949 | Jan. 9 | 158,000 | 56.80 | 1961 | Feb. -- | 213,000 [7] | 60.30 |
| 1941 | Mar. 9 | 39,500 | 39.72 | 1950 | Mar. 17 | 103,000 | 54.20 | | | | |

## 02466500 BIG PRAIRIE CREEK NEAR GALLION

LOCATION.--Lat 32°32'28", long 87°40'52", in SE$^1/_4$ sec. 9, T. 18 N., R. 4 E., Hale County, Hydrologic Unit 03160113, at State Highway 69, 4 mi upstream from Little Prairie Creek, and 4 mi northwest of Gallion.
DRAINAGE AREA.--171 mi$^2$.
GAGE.--Water-stage recorder. Datum not available.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1940 | Feb. 6 | 7,500 | 15.12 | 1945 | Mar. 26 | 23,500 | 17.60 | 1950 | May 21 | 4,280 | 13.73 |
| 1941 | Mar. 7 | 10,000 | 15.70 | 1946 | Dec. 25 | 5,100 | 14.28 | 1951 | Mar. 29 | 32,400 | 18.60 |
| 1942 | Mar. 21 | 15,000 | 16.50 | 1947 | Jan. 19 | 15,000 | 16.50 | 1952 | Mar. 4 | 10,000 | 15.70 |
| 1943 | Dec. 28 | 39,000 | 19.30 | 1948 | Mar. 23 | 21,100 | 17.10 | 1991 | Feb. 20 | 11,900 | 18.58 |
| 1944 | Mar. 23 | 19,500 | 16.87 | 1949 | Jan. 5 | 9,400 | 15.50 | | | | |

## 02467000 TOMBIGBEE RIVER AT DEMOPOLIS LOCK AND DAM NEAR COATOPA

LOCATION.--Lat 32°31'15", long 87°52'39", in NW$^1/_4$ sec. 22, T. 18 N., R. 2 E., Marengo County, Hydrologic Unit 03160201, 100 ft upstream from lock and dam, 0.5 mi downstream from Foscue Creek, 2.5 mi west of Demopolis, 13 mi east of Coatopa, and at mile 171.2.

DRAINAGE AREA.--15,385 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 56.00 ft NGVD 29. Prior to Oct. 31, 1939, non- recording gage, and Nov. 1, 1939 to Sept. 30, 1955, water-stage recorder at site 11.6 mi downstream at datum 26.70 ft lower.

REMARKS.--Flow regulated by Lewis Smith Reservoir on Sipsey Fork and several locks and dams on Black Warrior River. Since 1975, flow regulated by Tennessee-Tombigbee Waterway. Since January 1985, records include diversions from Tennessee River Basin through Bay Springs Lock on Tennessee-Tombigbee Waterway.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1893 | -- | 93,000 [2] | 54.80 | 1930 | Nov. 22 | 164,000 | -- | 1967 | Feb. 23 | 61,700 | 21.93 |
| 1894 | -- | 70,000 [2] | 46.20 | 1931 | Apr. 8 | 57,500 | -- | 1968 | Dec. 28 | 115,000 | 25.39 |
| 1895 | -- | 87,000 [2] | 53.10 | 1932 | Feb. 29 | 124,000 | -- | 1969 | Apr. 19 | 116,000 | 25.55 |
| 1896 | -- | 94,000 [2] | 55.00 | 1933 | Dec. 22 | 153,000 | -- | 1970 | Mar. 27 | 145,000 | 25.96 |
| 1897 | -- | 126,000 [2] | 59.20 | 1934 | Mar. 12 | 87,900 | -- | 1971 | Mar. 8 | 158,000 | 26.71 |
| 1898 | -- | 81,000 [2] | 50.40 | 1935 | Mar. 19 | 123,000 | -- | 1972 | Jan. 15 | 161,000 | 26.82 |
| 1899 | -- | 172,000 [2] | 63.70 | 1936 | Feb. 12 | 145,000 | -- | 1973 | Mar. 27 | 181,000 | 29.14 |
| 1900 | -- | 330,000 [2] | 73.10 | 1937 | Feb. 1 | 113,000 | -- | 1974 | Jan. 1 | 136,000 | 25.51 |
| 1901 | -- | 91,000 [2] | 54.00 | 1938 | Apr. 14 | 158,000 | -- | 1975 | Mar. 24 | 172,000 | 27.34 |
| 1902 | -- | 250,000 [2] | 68.90 | 1939 | Mar. 10 | 104,000 | -- | 1976 | Apr. 5 | 166,000 | 27.03 |
| 1903 | -- | 190,000 [2] | 65.10 | 1940 | July 21 | 100,000 | -- | 1977 | Apr. 10 | 178,000 | -- |
| 1904 | -- | 26,000 [2] | 24.10 | 1941 | Mar. 11 | 65,600 | 34.14 | 1978 | May 12 | 101,000 | -- |
| 1905 | -- | 130,000 [2] | 59.80 | 1942 | Mar. 24 | 87,800 | 41.57 | 1979 | Apr. 18 | 343,000 | 37.03 |
| 1906 | -- | 106,000 [2] | 57.20 | 1943 | Mar. 26 | 103,000 | 45.40 | 1980 | Mar. 27 | 200,000 [1] | 30.26 |
| 1907 | -- | 83,000 [2] | 51.70 | 1944 | Apr. 7 | 140,000 | 48.40 | 1981 | Apr. 2 | 115,000 | 24.65 |
| 1908 | -- | 101,000 [2] | 56.50 | 1945 | Feb. 26 | 108,000 | 45.00 | 1982 | Apr. 24 | 145,000 | 25.02 |
| 1909 | -- | 200,000 [2] | 65.90 | 1946 | Feb. 20 | 169,000 | 50.10 | 1983 | May 25 | 175,000 | -- |
| 1910 | -- | 52,000 [2] | 38.20 | 1947 | Jan. 26 | 147,000 | 48.70 | 1984 | Dec. 9 | 184,000 | -- |
| 1911 | -- | 58,000 [2] | 46.90 | 1948 | Feb. 23 | 156,000 | 49.10 | 1985 | Feb. 7 | 106,000 [E] | 23.55 |
| 1912 | -- | 144,000 [2] | 61.20 | 1949 | Jan. 14 | 199,000 | 51.10 | 1986 | Dec. 14 | 58,200 [E] | 21.60 |
| 1913 | -- | 93,000 [2] | 54.70 | 1950 | Jan. 18 | 117,000 | 45.90 | 1987 | Mar. 5 | 164,000 [1] | 26.57 |
| 1914 | -- | 65,000 [2] | 44.20 | 1951 | Apr. 6 | 217,000 | 52.40 | 1988 | Jan. 21 | 67,300 [1] | 22.08 |
| 1915 | -- | 91,000 [2] | 53.90 | 1952 | Dec. 31 | 77,800 | 38.00 | 1989 | Jan. 18 | 161,000 [1] | 25.64 |
| 1916 | -- | 203,000 [2] | 66.20 | 1953 | Mar. 3 | 101,000 | 44.00 | 1990 | Feb. 21 | 211,000 [1] | 30.21 |
| 1917 | -- | 93,000 [2] | -- | 1954 | Jan. 27 | 76,200 | 36.50 | 1991 | Feb. 27 | 213,000 [1] | 30.30 |
| 1918 | -- | 72,000 [2] | 47.30 | 1955 | Apr. 18 | 86,100 | 41.30 | 1991 | Dec. 8 | 109,000 [1] | 23.69 |
| 1919 | -- | 115,000 [2] | 58.10 | 1956 | Apr. 12 | 104,000 | 24.10 [3] | 1993 | Jan. 14 | 129,000 [1] | 24.55 |
| 1920 | -- | 148,000 [2] | 61.60 | 1957 | Feb. 9 | 102,000 | 24.00 | 1994 | Apr. 1 | 159,000 | 24.41 |
| 1921 | -- | 94,000 [2] | 54.90 | 1958 | Nov.26 | 104,000 | 24.10 | 1995 | Mar. 12 | 171,000 | 25.79 |
| 1922 | -- | 100,000 [2] | 56.50 | 1959 | Feb. 17 | 76,300 | 22.67 | 1996 | Jan. 29 | 152,000 | 25.20 |
| 1923 | -- | 95,000 [2] | 55.40 | 1960 | Mar. 9 | 104,000 | 24.07 | 1997 | Mar. 7 | 135,000 | 24.63 |
| 1924 | -- | 86,000 [2] | 52.80 | 1961 | Feb. 28 | 250,000 | 35.66 | 1998 | Jan. 12 | 182,000 | 83.14 |
| 1925 | -- | 87,000 [2] | 53.00 | 1962 | Dec. 25 | 202,000 | 31.95 | 1999 | Feb. 3 | 179,000 | 82.74 |
| 1926 | -- | 75,000 [2] | 48.20 | 1963 | May 4 | 60,800 | 21.88 | 2000 | Apr. 9 | 223,000 | 84.19 |
| 1927 | -- | 190,000 [2] | 65.30 | 1964 | Apr. 19 | 123,000 [1] | 26.39 | 2001 | Apr. 7 | 131,000 | 80.49 |
| 1928 | -- | 144,000 [2] | 61.20 | 1965 | Feb. 18 | 109,000 [1] | 24.72 | 2002 | Jan. 29 | 164,000 | 81.57 |
| 1929 | Mar. 29 | 179,000 | 65.50 [3] | 1966 | Feb. 18 | 110,000 | 24.85 | 2003 | Feb. 26 | 175,000 | 81.90 |

## 02467500 SUCARNOOCHEE RIVER AT LIVINGSTON

LOCATION.--Lat 32°34'25", long 88°11'36", in SW$^1/_4$ sec. 33, T. 19 N., R. 2 W., Sumter County, Hydrologic Unit 03160202, 10 ft downstream from bridge on U.S. Highway 11, 0.8 mi southwest of Livingston, and 9 mi upstream from Alamuchee Creek.
DRAINAGE AREA.--607 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 90.04 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1939 | Mar. 30 | 6,800 | 22.84 | 1961 | Feb. 22 | 31,500 | 29.35 | 1983 | May 22 | 14,900 | 25.17 |
| 1940 | July 11 | 11,500 | 24.60 | 1962 | Dec. 19 | 19,600 | 26.82 | 1984 | Dec. 28 | 3,950 | 17.59 |
| 1941 | Mar. 11 | 3,620 | 19.97 | 1963 | Mar. 5 | 3,520 | 17.83 | 1985 | Feb. 27 | 4,540 [E] | 18.35 |
| 1942 | Mar. 23 | 10,300 | 24.35 | 1964 | Apr. 8 | 11,300 | 24.44 | 1986 | Oct. 31 | 3,000 | 14.02 |
| 1943 | Mar. 23 | 10,500 | 24.22 | 1965 | Feb. 15 | 5,920 | 22.09 | 1987 | Jan. 21 | 11,200 | 23.70 |
| 1944 | Mar. 31 | 7,280 | 23.02 | 1966 | Feb. 16 | 10,900 | 24.29 | 1988 | Apr. 23 | 3,000 | 14.16 |
| 1945 | Feb. 16 | 5,510 | 22.14 | 1967 | Feb. 8 | 1,980 | 12.62 | 1989 | Mar. 8 | 4,660 | 18.64 |
| 1946 | Feb. 12 | 9,190 | 23.88 | 1968 | Dec. 18 | 4,210 | 19.58 | 1990 | Feb. 17 | 23,000 | 27.53 |
| 1947 | Jan. 20 | 12,200 | 24.70 | 1969 | Apr. 18 | 7,650 | 23.13 | 1991 | May 1 | 12,200 | 24.30 |
| 1948 | Mar. 6 | 11,500 | 24.40 | 1970 | Mar. 22 | 3,530 | 17.84 | 1992 | Apr. 24 | 3,630 | 15.92 |
| 1949 | Nov. 30 | 18,500 | 26.90 | 1971 | Feb. 25 | 6,570 | 22.56 | 1993 | Jan. 15 | 9,230 | 23.06 |
| 1950 | Jan. 9 | 16,600 | 26.20 | 1972 | Jan. 13 | 7,890 | 23.24 | 1994 | Jan. 31 | 9,980 | 23.40 |
| 1951 | Mar. 30 | 21,500 | 27.60 | 1973 | Apr. 27 | 6,350 | 22.02 | 1995 | Mar. 9 | 7,110 | 21.62 |
| 1952 | Dec. 21 | 3,100 | 17.00 | 1974 | Apr. 15 | 28,400 | 28.81 | 1996 | Jan. 30 | 7,660 | 22.19 |
| 1953 | May 3 | 7,090 | 22.93 | 1975 | Jan. 13 | 11,200 | 24.39 | 1997 | Mar. 7 | 12,600 | 24.63 |
| 1954 | Mar. 30 | 3,600 | -- | 1976 | Mar. 31 | 11,700 | 24.56 | 1998 | Jan. 9 | 19,100 | 26.64 |
| 1955 | Apr. 14 | 4,240 | 20.10 | 1978 | May 10 | 4,290 | 19.11 | 1999 | Feb. 2 | 14,200 | 25.18 |
| 1956 | Mar. 18 | 14,700 | 25.60 | 1979 | Apr. 14 | 62,200 | 33.47 | 2000 | Apr. 7 | 4,250 | 16.55 |
| 1957 | Apr. 8 | 4,040 | 19.60 | 1980 | Apr. 14 | 20,800 | 26.99 | 2001 | Mar. 4 | 6,350 | 20.45 |
| 1958 | May 3 | 6,630 | 22.60 | 1981 | Apr. 2 | 10,600 | 23.72 | 2002 | Dec. 18 | 6,690 | 20.91 |
| 1959 | Feb. 14 | 2,920 | 16.03 | 1982 | Feb. 4 | 4,110 [1] | 17.28 | 2003 | Apr. 9 | 28,000 | 28.79 |
| 1960 | Mar. 4 | 4,170 | 19.48 | | | | | | | | |

## 02468000 ALAMUCHEE CREEK NEAR CUBA

LOCATION.--Lat 32°26'20", long 88°20'17", in NE$^1/_4$ sec. 24, T. 17 N., R. 4 W., Sumter County, Hydrologic Unit 03160202, on U.S. Highway 80, 2.5 mi northeast of Cuba, and 4 mi upstream from Toomsuba Creek.
DRAINAGE AREA.--62.3 mi$^2$.
GAGE.--Water-stage recorder 1955-67. Crest-stage gage 1968-70. Datum of gage is 161.50 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | June 26 | 783 | 10.06 | 1961 | Feb. 22 | 12,000 | 18.03 | 1967 | May 5 | 530 | 7.03 |
| 1956 | Mar. 16 | 4,220 | 15.98 | 1962 | Dec. 18 | 4,220 | 16.00 | 1968 | Apr. 6 | 1,170 | 11.29 |
| 1957 | Apr. 5 | 734 | 9.73 | 1963 | Mar. 7 | 838 | 10.52 | 1969 | Apr. 15 | 1,490 | 13.98 |
| 1958 | Mar. 8 | 1,910 | 14.60 | 1964 | Apr. 6 | 12,700 | 18.35 | 1970 | Mar. 21 | 821 | 9.51 |
| 1959 | June 9 | 460 | 7.17 | 1965 | Dec. 12 | 1,470 | 13.90 | 1979 | Apr. 14 | 14,700 [7] | 18.87 |
| 1960 | Feb. 5 | 861 | 10.66 | 1966 | Feb. 13 | 3,380 | 15.61 | | | | |

## 02468500 CHICKASAW BOGUE NEAR LINDEN

LOCATION.--Lat 32°19'45", long 87°47'27", in SW$^1/_4$ sec. 28, T. 16 N., R. 3 E., Marengo County, Hydrologic Unit 03160201, on U.S. Highway 43, 1.5 mi north of Linden, 2 mi downstream from Atkin Creek, and 11 mi upstream from mouth.

DRAINAGE AREA.--257 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 63.45 ft NGVD 29. January 1944 to September 1946, nonrecording gage at site 75 ft upstream at different datum.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1944 | Apr. 27 | 33,000 | 30.02 | 1973 | Mar. 31 | 10,700 | 25.03 | 1983 | Feb. 2 | 28,800 | 28.23 |
| 1945 | Mar. 26 | 35,000[7] | 30.33 | 1974 | Sept. 8 | 16,700 | 28.79 | 1984 | Dec. 28 | 12,800 | 22.98 |
| 1946 | May 21 | 7,230 | 23.95 | 1975 | Dec. 24 | 12,900 | 25.54 | 1985 | Feb. 26 | 11,500 | 22.11 |
| 1966 | Feb. 13 | 11,200 | 25.43 | 1976 | Mar. 31 | 25,000 | 27.92 | 1986 | Mar. 13 | 8,700 | 20.39 |
| 1967 | Feb. 7 | 6,710 | 20.73 | 1977 | Mar. 13 | 20,400 | 26.51 | 1987 | Nov. 25 | 14,600 | 24.02 |
| 1968 | Apr. 5 | 11,500 | 25.76 | 1978 | June 9 | 11,800 | 22.50 | 1988 | Feb. 4 | 9,890 | 21.06 |
| 1969 | Apr. 18 | 11,600 | 25.82 | 1979 | Mar. 4 | 34,000 | 30.18 | 1989 | July 3 | 13,900 | 23.61 |
| 1970 | Mar. 4 | 8,150 | 22.50 | 1980 | Mar. 29 | 14,600 | 24.03 | 1990 | Mar. 16 | 23,900 | 27.28 |
| 1971 | Mar. 2 | 14,500 | 28.14 | 1981 | Apr. 1 | 14,800 | 24.14 | 1991 | Feb. 20 | 16,300 | 24.89 |
| 1972 | Dec. 7 | 12,500 | 26.62 | 1982 | Feb. 3 | 15,300 | 24.40 | | | | |

## 02469000 KINTERBISH CREEK NEAR YORK

LOCATION.--Lat 32°19'17", long 88°10'50", in NE$^1/_4$ sec. 33, T. 16 N., R. 2 W., Sumter County, Hydrologic Unit 03160201, on State Highway 17, 0.8 mi north of Choctaw-Sumter Countyline, 5.5 mi downstream from Little Kinterbish Creek, and 14 mi southeast of York.

DRAINAGE AREA.--90.9 mi$^2$.

GAGE.--Water-stage recorder 1955-67. Crest-stage gage 1968-70. Datum of gage is 120 ft NGVD 29 (by barometer).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | Feb. 6 | 1,190 | 11.40 | 1961 | Feb. 22 | 11,500 | 22.23 | 1966 | Feb. 17 | 2,650 | 18.06 |
| 1956 | Mar. 16 | 2,070 | 16.00 | 1962 | Dec. 18 | 2,580 | 17.87 | 1967 | Dec. 31 | 640 | 8.07 |
| 1957 | Apr. 4 | 976 | 10.10 | 1963 | Jan. 20 | 510 | 7.03 | 1968 | Apr. 5 | 1,910 | 15.20 |
| 1958 | Mar. 7 | 2,330 | 17.30 | 1964 | Apr. 6 | 15,500 | 23.00 | 1969 | Apr. 18 | 2,950 | 18.70 |
| 1959 | June 12 | 1,000 | 10.29 | 1965 | Oct. 5 | 2,170 | 16.51 | 1970 | Mar. 20 | 1,090 | 10.92 |
| 1960 | Oct. 21 | 2,330 | 17.30 | | | | | | | | |

## 02469500 TUCKABUM CREEK NEAR BUTLER

LOCATION.--Lat 32°11'04", long 88°10'13", in SW$^1/_4$ sec. 15, T. 14 N., R. 2 W., Choctaw County, Hydrologic Unit 03160201, 150 ft upstream from bridge on State Highway 17, 2.5 mi upstream from Yantley Creek, 4 mi downstream from Boguelichitto Creek, and 7 mi northeast of Butler.

DRAINAGE AREA.--115 mi$^2$.

GAGE.--Water-stage recorder 1955-70. Crest-stage gage 1971-79. Datum of gage is 120 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1955 | Apr. 14 | 1,870 | 10.30 | 1964 | Apr. 6 | 35,000 | 22.90 | 1972 | Dec. 7 | 8,000 | 18.75 |
| 1956 | July 9 | 4,800 | 17.25 | 1965 | Jan. 24 | 3,210 | 14.92 | 1973 | Mar. 31 | 4,140 | 16.62 |
| 1957 | Sept. 28 | 1,800 | 10.70 | 1966 | Feb. 13 | 6,590 | 18.14 | 1974 | Apr. 13 | 11,500 | 19.81 |
| 1958 | Mar. 8 | 2,790 | 13.70 | 1967 | Feb. 7 | 923 | 6.65 | 1975 | Dec. 25 | 2,800 | 13.61 |
| 1959 | June 10 | 1,020 | 7.14 | 1968 | Dec. 16 | 2,720 | 13.37 | 1976 | Mar. 30 | 8,200 | 18.95 |
| 1960 | May 7 | 2,120 | 11.23 | 1969 | Dec. 23 | 4,810 | 17.26 | 1977 | Feb. 24 | 4,260 | 16.74 |
| 1961 | Feb. 22 | 13,000 | 20.13 | 1970 | July 23 | 1,390 | 8.65 | 1978 | May 9 | 2,270 | 11.98 |
| 1962 | Dec. 19 | 4,700 | 17.13 | 1971 | Mar. 2 | 7,000 | 18.42 | 1979 | Mar. 4 | 11,000 | 19.63 |
| 1963 | Mar. 6 | 1,090 | 7.43 | | | | | | | | |

## 02469550 HORSE CREEK NEAR SWEETWATER

LOCATION.--Lat 32°02'53", long 87°52'32", in SW$^1/_4$ sec. 34, T. 13 N., R. 2 E., Marengo County, Hydrologic Unit 03160201, on county road 25, 0.5 mi downstream from Mill Creek, 0.8 mi south of Exmoor, 1.2 mi north of Hoboken, and 3.5 mi south of Sweetwater.

DRAINAGE AREA.--60.4 mi$^2$.

GAGE.--Water-stage recorder 1959-70. Crest-stage gage 1971-79. Datum of gage is 129 ft NGVD 29 (from topographic map). Prior to Oct. 1, 1965, at datum 1.00 ft higher.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | Mar. 8 | 2,700 | 14.78 | 1966 | Feb. 16 | 2,750 | 14.84 | 1973 | Apr. 26 | 17,000 | 17.79 |
| 1959 | June 10 | 1,850 | 14.21 | 1967 | Feb. 7 | 1,200 | 13.42 | 1974 | Apr. 14 | 5,060 | 15.79 |
| 1960 | Mar. 30 | 2,500 | 14.65 | 1968 | Oct. 31 | 3,700 | 15.30 | 1975 | Feb. 17 | 16,400 | 17.73 |
| 1961 | Mar. 31 | 9,700 | 16.80 | 1969 | Mar. 24 | 1,400 | 13.73 | 1976 | Mar. 31 | 14,500 | 17.49 |
| 1962 | Dec. 10 | 14,500 | 17.50 | 1970 | Mar. 4 | 4,500 | 15.63 | 1977 | Apr. 1 | 6,400 | 16.12 |
| 1963 | Mar. 6 | 800 | 11.78 | 1971 | Mar. 2 | 8,500 | 16.60 | 1978 | May 9 | 1,850 | 14.19 |
| 1964 | Mar. 15 | 2,400 | 14.54 | 1972 | Dec. 7 | 9,900 | 16.85 | 1979 | Mar. 8 | 28,100 | 18.66 |
| 1965 | Jan. 23 | 6,200 | 16.07 | | | | | | | | |

## 02469700 OKATUPPA CREEK AT GILBERTOWN

LOCATION.--Lat 31°53'27", long 88°18'48", in SE$^1/_4$ sec. 30, T. 11 N., R. 3 W., Choctaw County, Hydrologic Unit 03160201, on Highway 17, 0.8 mi northeast of Gilbertown, and 1.5 mi upstream from Bogueloosa Creek.
DRAINAGE AREA.--148 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 59.41 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1957 | Apr. 4 | 4,660 | 12.00 | 1962 | Apr. 28 | 5,700 | 13.15 | 1967 | May 4 | 2,760 | 9.26 |
| 1958 | Feb. 6 | 5,800 | 13.40 | 1963 | Jan. 20 | 2,850 | 9.35 | 1968 | Dec. 15 | 4,560 | 11.89 |
| 1959 | Feb. 4 | 2,400 | 8.60 | 1964 | Apr. 7 | 7,100 | 14.50 | 1969 | Apr. 14 | 5,890 | 13.47 |
| 1960 | Mar. 15 | 5,600 | 13.30 | 1965 | Jan. 23 | 6,350 | 13.90 | 1970 | Mar. 4 | 2,770 | 9.28 |
| 1961 | Feb. 21 | 15,000 | 17.40 | 1966 | Feb. 12 | 5,830 | 13.40 | | | | |

## 02469800 SATILPA CREEK NEAR COFFEEVILLE

LOCATION.--Lat 31°44'39", long 88°01'21", in SW$^1/_4$SW$^1/_4$ sec. 18, T. 9 N., R. 1 E., Clarke County, Hydrologic Unit 03160203, on U.S. Highway 84, 3 mi downstream from Harris Creek, and 3.8 mi east of Coffeeville.
DRAINAGE AREA.--164 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 39.80 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1956 | July 8 | 38,000 | 18.37 | 1972 | Dec. 7 | 5,300 | 14.52 | 1988 | Jan. 20 | 2,700 | 13.21 |
| 1957 | Apr. 5 | 4,100 | 13.93 | 1973 | Mar. 8 | 4,500 | 14.13 | 1989 | Apr. 5 | 4,500 | 14.13 |
| 1958 | Mar. 8 | 4,200 | 14.00 | 1974 | Apr. 13 | 3,800 | 13.86 | 1990 | Mar. 16 | 15,500 | 16.53 |
| 1959 | June 10 | 3,310 | 13.52 | 1975 | Feb. 17 | 4,800 | 14.33 | 1991 | Mar. 2 | 4,200 | 14.01 |
| 1960 | Mar. 30 | 4,000 | 13.94 | 1976 | Mar. 31 | 13,000 | 16.06 | 1992 | Feb. 18 | 3,310 | 13.51 |
| 1961 | Feb. 21 | 18,000 | 16.85 | 1977 | Mar. 13 | 6,200 | 14.80 | 1993 | Dec. 17 | 6,880 | 15.02 |
| 1962 | Dec. 10 | 14,850 | 16.53 | 1978 | June 9 | 3,150 | 13.44 | 1994 | July 15 | 2,400 | 13.03 |
| 1963 | Mar. 6 | 1,500 | 12.12 | 1979 | Mar. 4 | 23,400 | 17.33 | 1995 | Mar. 8 | 3,430 | 13.59 |
| 1964 | Mar. 15 | 3,400 | 13.60 | 1980 | May 17 | 8,000 | 15.22 | 1996 | Dec. 19 | 6,070 | 14.77 |
| 1965 | Jan. 24 | 6,000 | 14.71 | 1981 | Feb. 11 | 4,520 | 14.14 | 1997 | June 22 | 4,300 | 14.09 |
| 1966 | Feb. 17 | 4,000 | 13.91 | 1982 | Apr. 26 | 3,600 | 13.73 | 1998 | Jan. 8 | 6,400 | 14.92 |
| 1967 | Feb. 7 | 1,800 | 12.62 | 1983 | Feb. 2 | 10,500 | 15.77 | 1999 | Jan. 31 | 15,500 | 16.54 |
| 1968 | Nov. 1 | 3,100 | 13.37 | 1984 | Dec. 29 | 3,500 | 13.65 | 2000 | Mar. 20 | 1,980 | 12.73 |
| 1969 | May 19 | 1,780 | 12.56 | 1985 | Feb. 6 | 2,000 | 12.77 | 2001 | Mar. 4 | 9,990 | 15.67 |
| 1970 | Mar. 5 | 4,250 | 14.04 | 1986 | Feb. 6 | 1,850 | 12.69 | 2002 | Dec. 15 | 1,700 | 12.50 |
| 1971 | Mar. 3 | 4,200 | 14.00 | 1987 | Feb. 28 | 3,340 | 13.53 | 2003 | June 20 | 5,660 | 14.63 |

## 02470100 BASSETT CREEK AT WALKER SPRINGS

LOCATION.--Lat 31°32'15", long 87°47'24", in NE$^1/_4$ sec. 32, T. 7 N., R. 3 E., Clarke County, Hydrologic Unit 03160203, on county road, 1,000 ft southeast of Walker Springs, and 2.8 mi upstream from Rabbit Creek.
DRAINAGE AREA.--195 mi$^2$.
GAGE.--Water-stage recorder 1956-70. Crest-stage gage 1971-78. Datum of gage is 60.02 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1956 | July 8 | 18,000 | 12.25 | 1963 | Jan. 22 | 1,670 | 7.19 | 1970 | Mar. 4 | 4,580 | 8.72 |
| 1957 | Apr. 6 | 6,090 | 9.31 | 1964 | Apr. 28 | 2,470 | 7.80 | 1972 | Dec. 7 | 6,120 | 9.31 |
| 1958 | Mar. 9 | 5,570 | 9.10 | 1965 | Jan. 25 | 4,530 | 8.70 | 1973 | Mar. 8 | 9,390 | 10.42 |
| 1959 | June 10 | 5,310 | 8.98 | 1966 | Feb. 18 | 3,490 | 8.30 | 1974 | Apr. 14 | 9,500 | 10.45 |
| 1960 | June 3 | 4,790 | 8.78 | 1967 | Feb. 9 | 1,470 | 6.98 | 1975 | Feb. 17 | 8,470 | 10.16 |
| 1961 | Feb. 19 | 13,400 | 11.38 | 1968 | Nov. 1 | 8,260 | 10.09 | 1976 | Mar. 31 | 10,900 | 10.81 |
| 1962 | Dec. 10 | 7,560 | 9.84 | 1969 | Mar. 26 | 2,470 | 7.80 | 1977 | Apr. 1 | 6,450 | 9.44 |

## 02470630 MOBILE RIVER AT BUCKS

LOCATION.--Lat 31°00'10", long 88°01'40", in NW$^1/_4$ sec. 31, T. 1 N., R. 1 E., Mobile County, Hydrologic Unit 03160204, on right bank at Barry Steam Plant, 0.4 mi east of Bucks, and at mile 30.5.
DRAINAGE AREA.--43,000 mi$^2$, approximately.
GAGE.--Crest-stage gage. Datum of gage is 1.91 ft below sea level.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Apr. -- | 350,000 [E] | 13.91 | 1970 | Apr. 2 | 283,000 [E] | 11.33 | 1987 | Mar. 9 | 305,000 [E] | 12.10 |
| 1953 | Feb. 25 | 183,000 [E] | 8.10 | 1971 | Mar. 13 | 340,000 [E] | 13.52 | 1988 | Jan. 26 | 145,000 [E] | 6.83 |
| 1954 | Feb. 2 | 186,000 [E] | 8.18 | 1972 | Jan. 21 | 319,000 [E] | 12.67 | 1989 | Mar. 14 | 254,000 | 10.33 |
| 1955 | Apr. 23 | 255,000 [E] | 10.38 | 1973 | Apr. 8 | 348,000 [E] | 13.81 | 1990 | Feb. 27 | 448,000 | 16.50 |
| 1956 | Mar. 27 | 243,000 [E] | 9.96 | 1974 | Jan. 10 | 261,000 [E] | 10.57 | 1991 | Mar. 7 | 355,000 | 13.50 |
| 1957 | Apr. 17 | 258,000 [E] | 10.48 | 1975 | Mar. -- | 318,000 [E] | 12.62 | 1992 | Feb. 23 | 205,000[1] | 8.51 |
| 1958 | Mar. 18 | 211,000 [E] | 8.97 | 1976 | Apr. 8 | 373,000 [E] | 14.95 | 1993 | Jan. 27 | 285,000[2] | 11.41 |
| 1959 | Feb. -- | 159,000 [E] | 7.30 | 1977 | Apr. 16 | 326,000 [E] | 12.94 | 1994 | Apr. 6 | 219,000[2] | 9.22 |
| 1960 | Mar. 22 | 215,000 [E] | 9.10 | 1978 | May 17 | 266,000 [E] | 10.72 | 1995 | Mar. 16 | 302,000[2] | 12.00 |
| 1961 | Mar. 6 | 539,000 [E] | 18.19 | 1979 | Apr. 25 | 498,000 [E] | 17.72 | 1996 | Feb. 9 | 333,000[2] | 13.22 |
| 1962 | Apr. 25 | 258,000 [E] | 10.46 | 1980 | Apr. 3 | 466,000 [E] | 17.40 | 1997 | Mar. 10 | 266,000[2] | 10.72 |
| 1963 | Mar. 26 | 177,000 [E] | 7.90 | 1981 | Apr. 10 | 269,000 [E] | 10.82 | 1998 | Mar. 17 | 323,000[2] | 12.83 |
| 1964 | Apr. 22 | 346,000 [E] | 13.77 | 1982 | May 2 | 287,000 [E] | 11.48 | 1999 | Feb. 7 | 338,000[2] | 13.12 |
| 1965 | Feb. 25 | 253,000 [E] | 10.29 | 1983 | Apr. 18 | 370,000 [E] | 14.82 | 2000 | Apr. 14 | 279,000[2] | 11.16 |
| 1966 | Feb. 28 | 298,000 [E] | 11.85 | 1984 | Dec. 17 | 329,000 [E] | 13.03 | 2001 | Mar. 10 | 312,000[2] | 12.05 |
| 1967 | Mar. 2 | 115,000 [E] | 5.82 | 1985 | Feb. 13 | 229,000 [E] | 9.52 | 2001 | Dec. 31 | 266,000[E] | 10.74 |
| 1968 | Jan. 4 | 250,000 [E] | 10.20 | 1986 | Mar. 19 | 157,000 [E] | 7.23 | 2003 | May 28 | 298,000[E] | 11.84 |
| 1969 | Apr. 27 | 226,000 [E] | 9.44 | | | | | | | | |

## 02471001 CHICKASAW CREEK NEAR KUSHLA

LOCATION.--Lat 30°48'10", long 88°08'36", in NE$^1/_4$ sec. 11, T. 3 S., R. 2 W., Mobile County, Hydrologic Unit 03160204, 0.7 mi upstream from Seabury Creek, 1.4 mi southeast of Kushla, 7 mi northwest of Mobile, and at mile 12.2.

DRAINAGE AREA.--125 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 3.85 ft NGVD 29. Prior to Aug. 2, 1964, water- stage recorder, Aug. 3, 1964 to Dec. 9, 1965, nonrecording gage, and Dec. 10, 1965 to September 1968, water-stage recorder at site 1.4 mi upstream at different datum.

REMARKS.--Record for October 1951 to September 1968 published as 02471000, Chickasaw Creek near Whistler.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1952 | May 20 | 1,540 | -- | 1970 | June 3 | 3,870 | 15.91 | 1987 | Mar. 19 | 2,080 [E] | 13.29 |
| 1953 | Apr. 26 | 1,920 | -- | 1971 | Dec. 17 | 3,960 | 15.98 | 1988 | Sept. 17 | 3,410 | 15.42 |
| 1954 | Dec. 13 | 1,030 | -- | 1972 | May 9 | 4,060 | 16.06 | 1989 | June 9 | 2,220 | 13.36 |
| 1955 | Apr. 13 | 35,000 | 25.40 | 1973 | Sept. 14 | 3,060 | 15.05 | 1990 | Mar. 16 | 15,300 | 20.29 |
| 1956 | Mar. 12 | 4,270 | -- | 1974 | Sept. 8 | 4,590 | 16.42 | 1991 | May 11 | 9,810 | 18.88 |
| 1957 | Dec. 24 | 7,090 | -- | 1975 | Aug. 1 | 7,270 | 17.79 | 1992 | Feb. 18 | 3,510 | 15.53 |
| 1958 | Nov. 15 | 2,730 | -- | 1976 | Oct. 17 | 4,800 | 16.55 | 1993 | May 26 | 6,680 | 17.55 |
| 1959 | June 2 | 17,400 | -- | 1977 | Apr. 1 | 3,020 | 14.96 | 1994 | June 25 | 1,400 | 10.92 |
| 1960 | May 7 | 5,590 | -- | 1978 | Jan. 26 | 3,930 | 15.96 | 1995 | Aug. 5 | 5,820 | 17.10 |
| 1961 | June 20 | 6,340 | -- | 1979 | Mar. 4 | 7,000 | 17.66 | 1996 | Dec. 19 | 10,800 | 19.20 |
| 1962 | Nov. 15 | 15,300 | -- | 1980 | Apr. 13 | 12,500 | 19.70 | 1997 | July 20 | 4,140 | 16.11 |
| 1963 | Jan. 20 | 1,430 | -- | 1981 | Feb. 11 | 5,620 | 16.99 | 1998 | Sept. 29 | 19,900 | 22.36 |
| 1964 | Apr. 27 | 4,610 | -- | 1982 | Feb. 4 | 2,160 | 13.31 | 1999 | Oct. 8 | 2,920 | 14.43 |
| 1965 | Jan. 23 | 12,000 | -- | 1983 | Apr. 7 | 15,800 | 20.38 | 2000 | Mar. 19 | 824 | 8.77 |
| 1966 | Oct. 1 | 1,850 | 12.38 | 1984 | May 23 | 4,220 | 16.18 | 2001 | Mar. 4 | 3,620 | 15.38 |
| 1967 | Jan. 2 | 2,650 | 14.35 | 1985 | Sept. 24 | 4,180 | 16.15 | 2002 | Sept. 26 | 7,520 | 18.16 |
| 1968 | Oct. 31 | 2,900 | 14.70 | 1986 | Feb. 6 | 3,280 | 15.27 | 2003 | July 1 | 4,050 | 15.85 |
| 1969 | Aug. 18 | 6,830 | 17.58 | | | | | | | | |

## 02479560 ESCATAWPA RIVER NEAR AGRICOLA, MISS.

LOCATION.--Lat 30°48'12", long 88°27'31", in SW$^1/_4$SW$^1/_4$ sec. 2, T. 3 S., R. 5 W., George County, Miss., Hydrologic Unit 03170008, on county road 612, 2.5 mi west of Alabama-Mississippi State line, 3.7 mi east of Agricola, 6.7 mi west of Wilmer, Ala., and 50.6 mi upstream from mouth.

DRAINAGE AREA.--562 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 50 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1946 | Mar. 28 | 8,600[2] | -- | 1966 | Feb. 17 | 8,270[2] | -- | 1985 | Sept. 25 | 13,100 | 18.25 |
| 1947 | Apr. 16 | 8,480[2] | -- | 1967 | Jan. 2 | 4,910[2] | -- | 1986 | Oct. 31 | 12,100 | 17.84 |
| 1948 | Mar. 7 | 14,900[2] | -- | 1968 | Oct. 31 | 6,700[2] | -- | 1987 | Mar. 19 | 6,290 | 15.42 |
| 1949 | Nov. 28 | 26,200[2] | -- | 1969 | Aug. 19 | 9,160[2] | -- | 1988 | Mar. 5 | 7,000 | 15.87 |
| 1950 | Sept. 2 | 7,220[2] | -- | 1970 | May 5 | 5,330[2] | -- | 1989 | May 21 | 5,600 | 15.09 |
| 1951 | Mar. 31 | 11,300[2] | -- | 1971 | Dec. 17 | 6,690[2] | -- | 1990 | Mar. 17 | 13,000 | 18.17 |
| 1952 | May 20 | 5,280[2] | -- | 1972 | May. 9 | 7,370[2] | -- | 1991 | May 11 | 18,000 | 19.91 |
| 1953 | Feb. 25 | 6,000[2] | -- | 1973 | Sept. 14 | 7,890[2] | -- | 1992 | Feb. 19 | 7,700 | 16.40 |
| 1954 | Dec. 8 | 5,920[2] | -- | 1974 | Apr. 17 | 11,700 | 17.85 | 1993 | Jan. 24 | 11,000 | 17.47 |
| 1955 | Apr. 14 | 23,900[2] | -- | 1975 | Apr. 12 | 12,500 | 18.06 | 1994 | July 13 | 5,200 | 14.51 |
| 1956 | July 11 | 13,900[2] | -- | 1976 | Oct. 3 | 6,285 | 15.37 | 1995 | Feb. 14 | 7,600 | 16.37 |
| 1957 | Sept. 21 | 14,800[2] | -- | 1977 | Apr. 1 | 8,500 | 16.53 | 1996 | Dec. 20 | 10,500 | 17.11 |
| 1958 | Nov. 15 | 6,880[2] | -- | 1978 | June 11 | 12,600 | 18.10 | 1997 | June 22 | 5,200 | 14.48 |
| 1959 | June 2 | 30,000[2] | -- | 1979 | Mar. 5 | 17,100 | 19.67 | 1998 | Sept. 30 | 27,800 | 22.81 |
| 1960 | May 7 | 14,600[2] | -- | 1980 | Apr. 14 | 13,900 | 18.56 | 1999 | Feb. 2 | 8,000 | 16.43 |
| 1961 | Feb. 25 | 17,400[2] | -- | 1981 | Feb. 12 | 12,600 | 18.20 | 2000 | Oct. 11 | 3,900 | 13.09 |
| 1962 | Dec. 13 | 21,100[2] | -- | 1982 | Feb. 5 | 9,600 | 16.96 | 2001 | Mar. 6 | 13,800 | 18.60 |
| 1963 | Jan. 21 | 4,000[2] | -- | 1983 | Apr. 9 | 26,100 | 22.39 | 2002 | Sept. 28 | 8,870 | 16.65 |
| 1964 | Apr. 28 | 7,930[2] | -- | 1984 | May 23 | 7,470 | 16.24 | 2003 | June 2 | 11,200 | 17.49 |
| 1965 | Jan. 24 | 8,190[2] | -- | | | | | | | | |

02479980 CROOKED CREEK NEAR FAIRVIEW

LOCATION.--Lat 30°46’48”, long 88°19’08”, in SW$^1/_4$ sec. 18, T. 3 S., R. 4 W., Mobile County, Hydrologic Unit 03170008, on right bank 1 mi southwest of Fairview, and 4 mi southeast of Wilmer.

DRAINAGE AREA.—8.08 mi$^2$.

GAGE.—Water Stage Recorder. Datum of gage is 115 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1991 | Jan. 7 | 490 | 5.22 | 1995 | Dec. 18 | 2,200 | 8.59 | 2000 | Mar. 29 | 320 | 4.60 |
| 1992 | Feb. 17 | 360 | 4.76 | 1997 | July 19 | 910 | 6.38 | 2001 | Mar. 3 | 318 | 4.59 |
| 1993 | Jan. 21 | 1,195 | 6.99 | 1998 | Sept. 28 | 1,250 | 7.11 | 2002 | Sept. 26 | 720 | 5.92 |
| 1994 | June 25 | 450 | 5.12 | 1999 | Mar. 14 | 840 | 6.22 | 2003 | July 1 | 485 | 5.21 |
| 1995 | May 10 | 1,425 | 7.44 | | | | | | | | |

## 03572110 CROW CREEK AT BASS

LOCATION.--Lat 34°56'03", long 85°55'03", in SW$^1/_4$ sec. 20, T. 1 S., R. 7 E., Jackson County, Hydrologic Unit 06030001, on State Highway 117, 0.3 mi northwest of Bass, 1 mi upstream from Bennett Cove Creek, 3.7 mi south of Alabama-Tennessee State line, and 15.8 mi upstream from mouth.
DRAINAGE AREA.--131 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 598.76 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1975 | Sept. 24 | 8,660 | 15.98 | 1983 | Apr. 6 | 9,800 | 16.36 | 1990 | Feb. 4 | 7,550 | 15.57 |
| 1976 | Oct. 8 | 10,200 | 16.47 | 1984 | Nov. 28 | 8,200 | 15.91 | 1991 | Dec. 23 | 22,400 | 18.68 |
| 1977 | Mar. 12 | 10,200 | 16.47 | 1985 | Aug. 17 | 5,090 | 14.24 | 1992 | Dec. 2 | 9,310 | 16.20 |
| 1978 | Oct. 2 | 8,380 | 15.88 | 1986 | Feb. 18 | 5,160 | 14.32 | 1993 | Mar. 23 | 13,600 | 17.33 |
| 1979 | Mar. 4 | 10,300 | 16.52 | 1987 | Jan. 19 | 5,350 | 14.46 | 1994 | Feb. 11 | 14,400 | 17.47 |
| 1980 | Mar. 21 | 12,600 | 17.17 | 1988 | Jan. 20 | 10,300 | 16.53 | 1995 | Feb. 16 | 8,720 | 16.02 |
| 1981 | Mar. 30 | 4,300 | 13.63 | 1989 | June 15 | 8,380 | 15.88 | 1996 | Apr. 22 | 14,200 | 17.50 |
| 1982 | Jan. 4 | 7,650 | 15.61 | | | | | | | | |

## 03572900 TOWN CREEK NEAR GERALDINE

LOCATION.--Lat 34°22'42", long 85°59'25", in SE$^1/_4$ sec. 34, T. 7 S., R. 6 E., De Kalb County, Hydrologic Unit 06030001, on State Highway 75, 0.3 mi downstream from Reedy Creek, 2 mi north-northeast of Geraldine, and at mile 20.4.
DRAINAGE AREA.--141 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 1,000 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | Nov. 18 | 10,600 | 15.60 | 1966 | Mar. 4 | 9,850 | 14.85 | 1974 | Feb. 16 | 5,770 | 10.74 |
| 1959 | Jan. 21 | 4,620 | 9.40 | 1967 | Feb. 21 | 3,420 | 7.90 | 1975 | Feb. 18 | 9,030 | 14.03 |
| 1960 | Mar. 3 | 2,120 | 6.12 | 1968 | Dec. 22 | 7,480 | 12.48 | 1976 | July 5 | 9,510 | 14.55 |
| 1961 | Feb. 23 | 8,080 | 13.08 | 1969 | Feb. 2 | 10,400 | 15.35 | 1977 | Mar.30 | 15,300 | 20.45 |
| 1962 | Dec. 18 | 15,400 | 19.90 | 1970 | Apr. 26 | 4,440 | 9.17 | 1978 | Nov. 5 | 8,140 | 13.73 |
| 1963 | Apr. 29 | 17,700 | 21.70 | 1971 | Feb. 26 | 5,780 | 10.76 | 1979 | Mar. 4 | 15,000 | 20.20 |
| 1964 | Mar. 25 | 10,700 | 15.72 | 1972 | Jan. 4 | 6,530 | 11.53 | 1980 | Mar. 21 | 11,900 | 17.43 |
| 1965 | Mar. 26 | 8,190 | 13.19 | 1973 | Mar. 16 | 9,430 | 14.43 | 1990 | Feb. 16 | 23,500[7] | 27.27 |

## 03573000 SHORT CREEK NEAR ALBERTVILLE

LOCATION.--Lat 34°18'05", long 86°10'53", in NE$^1/_4$ sec. 35, T. 8 S., R. 4 E., Marshall County, Hydrologic Unit 06030001, 800 ft downstream from Turkey Creek, 3 mi northeast of Albertville, and 4.4 mi upstream from Scarham Creek.

DRAINAGE AREA.--91.6 mi$^2$.

GAGE.--Water-stage recorder 1946-53. Crest-stage gage 1954-69. Datum of gage is 865.80 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1943 | Dec. -- | 25,000 [7] | 21.20 | 1953 | June 16 | 4,890 | 10.23 | 1962 | Dec. 18 | 10,400 | 14.10 |
| 1946 | Feb. 10 | 8,300 | 12.77 | 1954 | Jan. 16 | 2,700 | 7.90 | 1963 | Apr. 29 | 11,800 | 14.79 |
| 1947 | Jan. 15 | 6,800 | 11.70 | 1955 | Feb. 6 | 3,660 | 8.97 | 1964 | Mar. 26 | 5,060 | 10.40 |
| 1948 | Feb. 14 | 6,790 | 11.65 | 1956 | Apr. 16 | 4,760 | 10.11 | 1966 | Mar. 4 | 9,420 | 13.54 |
| 1949 | Jan. 5 | 14,800 | 16.37 | 1957 | June 9 | 6,650 | 11.65 | 1967 | July 14 | 3,760 | 9.10 |
| 1950 | Mar. 13 | 8,100 | 12.64 | 1958 | Nov. 14 | 3,760 | 9.10 | 1968 | Jan. 10 | 4,820 | 10.16 |
| 1951 | Mar. 29 | 13,200 | 15.55 | 1961 | Feb. 22 | 6,770 | 11.86 | 1969 | Feb. 2 | 3,950 | 9.29 |
| 1952 | Dec. 21 | 4,800 | 10.14 | | | | | | | | |

## 03574500 PAINT ROCK RIVER NEAR WOODVILLE

LOCATION.--Lat 34°37'27", long 86°18'23", in NW$^1/_4$ sec. 10, T. 5 S., R. 3 E., Jackson County, Hydrologic Unit 06030002, on U.S. Highway 72, 2 mi west of Woodville, 4.1 mi upstream from Little Paint Creek, and at mile 26.6.

DRAINAGE AREA.--320 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 570.95 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1936 | Feb. 4 | 19,600 | 19.24 | 1959 | Jan. 22 | 13,900 | 18.67 | 1982 | Jan. 4 | 20,000 | 19.57 |
| 1937 | Jan. 3 | 16,400 | 18.85 | 1960 | Dec. 20 | 13,000 | 18.42 | 1983 | Apr. 6 | 22,000 | 19.96 |
| 1938 | Apr. 9 | 11,300 | 18.01 | 1961 | Feb. 23 | 21,700 | 19.68 | 1984 | May 4 | 16,000 | 18.94 |
| 1939 | Feb. 4 | 27,000 | 20.35 | 1962 | Dec. 18 | 24,000 | 19.95 | 1985 | Feb. 2 | 9,000 | 17.01 |
| 1940 | Feb. 19 | 7,920 | 16.89 | 1963 | Mar. 12 | 46,700 | 22.60 | 1986 | Mar. 14 | 11,000 | 17.75 |
| 1941 | Mar. 8 | 6,260 | 16.40 | 1964 | Mar. 15 | 20,000 | 19.38 | 1987 | Jan. 20 | 14,000 | 18.35 |
| 1942 | Mar. 22 | 4,570 | 14.96 [2] | 1965 | Mar. 27 | 16,000 | 18.74 | 1988 | Jan. 20 | 19,000 | 19.36 |
| 1943 | Dec. 28 | 28,000 | 20.50 | 1966 | Feb. 14 | 11,000 | 17.58 | 1989 | Apr. 5 | 12,000 | 17.85 |
| 1944 | Mar. 29 | 14,600 | 18.56 | 1967 | July 13 | 8,400 | 16.63 | 1990 | Feb. 16 | 23,000 | 19.89 |
| 1945 | Feb. 18 | 13,200 | 18.33 | 1968 | Dec. 18 | 24,000 | 20.07 [2] | 1991 | Dec. 23 | 58,000 | 23.42 |
| 1946 | Jan. 9 | 16,400 | 18.81 | 1969 | Feb. 2 | 19,000 | 19.32 | 1992 | Dec. 2 | 34,000 | 21.36 |
| 1947 | Jan. 21 | 9,500 | 17.55 | 1970 | Dec. 31 | 27,000 | 20.49 | 1993 | Mar. 24 | 28,000 | 20.64 |
| 1948 | Feb. 13 | 23,600 | 19.90 [2] | 1971 | Feb. 22 | 15,200 | 18.39 | 1994 | Feb. 11 | 32,000 | 21.08 |
| 1949 | Jan. 5 | 28,700 | 20.84 | 1972 | Dec. 7 | 18,000 | 19.01 | 1995 | Mar. 9 | 9,500 | 17.07 |
| 1950 | Jan. 7 | 19,400 | 19.39 | 1973 | Mar. 16 | 74,200 | 24.40 | 1996 | Mar. 8 | 15,000 | 18.55 |
| 1951 | Mar. 29 | 27,500 | 20.32 | 1974 | Dec. 27 | 32,000 | 21.06 | 1997 | Mar. 20 | 10,000 | 17.31 |
| 1952 | Mar. 11 | 15,300 | 18.87 | 1975 | Mar. 14 | 27,000 | 20.40 | 1998 | Jan. 8 | 29,000 | 20.87 |
| 1953 | Feb. 22 | 7,990 | 17.48 | 1976 | Oct. 9 | 20,000 | 19.57 | 1999 | Jan. 24 | 14,000 | 18.35 |
| 1954 | Jan. 16 | 22,800 | 19.81 | 1977 | Apr. 5 | 14,000 | 18.60 | 2000 | Apr. 4 | 21,200 | 19.73 |
| 1955 | Mar. 22 | 9,640 | 17.92 | 1978 | Nov. 6 | 20,100 | 19.62 | 2001 | Jan. 20 | 16,500 | 18.84 |
| 1956 | Feb. 4 | 23,600 | 19.90 | 1979 | Mar. 4 | 19,700 | 19.49 | 2002 | Dec. 15 | 17,000 | 18.87 |
| 1957 | Feb. 1 | 25,900 | 20.16 | 1980 | Mar. 21 | 35,000 | 21.39 | 2003 | Feb. 16 | 24,500 | 20.20 |
| 1958 | Nov. 19 | 22,700 | 19.80 | 1981 | Mar. 31 | 9,000 | 16.93 | | | | |

## 03575000 FLINT RIVER NEAR CHASE

LOCATION.--Lat 34°49'22", long 86°28'59", in NE$^{1}/_{4}$ sec. 35, T. 2 S., R. 1 E., Madison County, Hydrologic Unit 06030002, on Winchester Road, 400 ft downstream from Brier Fork, 4.3 mi northeast of Chase, and at mile 36.2.

DRAINAGE AREA.--342 mi$^{2}$.

GAGE.--Water-stage recorder. Datum of gage is 640.37 ft NGVD 29.

| Water year | Date | Discharge (ft$^{3}$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^{3}$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^{3}$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1867 | -- | 104,000 | -- | 1951 | Feb. 1 | 32,300 | 21.98 | 1973 | Mar. 16 | 104,000 | 29.52 |
| 1929 | Sept. -- | 57,000 | 25.00 | 1952 | Mar. 11 | 8,950 | 12.81 | 1974 | Dec. 26 | 24,800 | 18.92 |
| 1931 | Apr. 4 | 2,600 | 6.20 | 1953 | Feb. 21 | 10,200 | 13.79 | 1975 | Mar. 14 | 29,800 | 20.97 |
| 1932 | Aug. 18 | 6,800 | 10.10 | 1954 | Jan. 21 | 58,500 | 25.00 | 1976 | Oct. 17 | 24,000 | 19.20 |
| 1933 | May 10 | 14,200 | 15.00 | 1955 | Mar. 22 | 20,200 | 17.79 | 1977 | Apr. 5 | 33,100 | 21.22 |
| 1934 | Mar. 2 | 20,300 | 17.30 | 1956 | Feb. 3 | 14,900 | 16.00 | 1978 | Oct. 2 | 27,500 | 19.61 |
| 1935 | Mar. 12 | 14,500 | 14.90 | 1957 | Feb. 1 | 25,900 | 19.70 | 1979 | Mar. 4 | 18,100 | 16.47 |
| 1936 | July 4 | 22,000 | 18.13 | 1958 | Nov. 19 | 17,200 | 16.80 | 1980 | Mar. 21 | 18,000 | 16.43 |
| 1937 | Jan. 2 | 13,000 | 14.48 | 1959 | July 18 | 5,620 | 9.60 | 1981 | Mar. 30 | 4,460 | 8.01 |
| 1938 | July 21 | 7,680 | 10.52 | 1960 | Dec. 19 | 18,400 | 17.20 | 1983 | May 19 | 26,400 | 19.35 |
| 1939 | Feb. 3 | 21,400 | 17.75 | 1961 | Mar. 8 | 16,300 | 16.37 | 1984 | May 3 | 15,500 | 15.48 |
| 1940 | Mar. 14 | 3,870 | 7.44 | 1962 | Feb. 28 | 14,400 | 15.50 | 1985 | Nov. 28 | 8,470 | 11.34 |
| 1941 | Jan. 2 | 3,780 | 7.33 | 1963 | Mar. 12 | 84,000 | 27.55 | 1986 | Feb. 18 | 9,090 | 11.78 |
| 1942 | Feb. 17 | 4,150 | 7.72 | 1964 | Mar. 15 | 30,000 | 21.00 | 1987 | Nov. 24 | 11,900 | 13.63 |
| 1943 | Dec. 28 | 12,800 | 14.18 | 1965 | Mar. 30 | 11,200 | 13.67 | 1988 | Jan. 20 | 11,600 | 13.41 |
| 1944 | Mar. 29 | 18,300 | 16.79 | 1966 | Feb. 13 | 6,230 | 9.49 | 1989 | Mar. 6 | 26,000 | 19.22 |
| 1945 | Feb. 17 | 14,500 | 15.14 | 1967 | May 13 | 7,060 | 10.26 | 1990 | Oct. 2 | 17,700 | 16.33 |
| 1946 | Jan. 8 | 20,000 | 17.56 | 1968 | Dec. 18 | 29,900 | 20.97 | 1991 | Dec. 23 | 120,000[7] | 31.04 |
| 1947 | Jan. 20 | 7,950 | 11.43 | 1969 | May 18 | 15,200 | 15.87 | 1992 | Dec. 2 | 30,900 | 20.63 |
| 1948 | Feb. 13 | 19,800 | 17.76 | 1970 | Dec. 30 | 23,700 | 18.50 | 1993 | May 4 | 20,400 | 17.36 |
| 1949 | Jan. 5 | 44,600 | 23.61 | 1971 | Feb. 22 | 14,400 | 14.52 | 1994 | Feb. 11 | 36,900 | 22.07 |
| 1950 | Jan. 6 | 13,200 | 15.35 | 1972 | Jan. 10 | 6,960 | 10.16 | | | | |

## 03575500 TENNESSEE RIVER AT WHITESBURG

LOCATION.--Lat 34°34'18", long 86°33'29", in SW$^1/_4$ sec. 29, T. 5 S., R. 1 E., Madison County, Hydrologic Unit 06030002, at Whitesburg, 2,500 ft upstream from Aldridge Creek, 3,000 ft upstream from U.S. Highway 231, 11.0 mi south of Huntsville, 15.1 mi downstream from Guntersville Dam, and at mile 333.9.

DRAINAGE AREA.--25,610 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 549.00 ft NGVD 29. Oct. 1, 1924 to Dec. 2, 1926, nonrecording gage. Dec. 3, 1926 to Sept. 30, 1936, water-stage recorder at site 28.3 mi downstream at datum 14.70 ft lower. Oct. 1, 1936 to Sept. 30, 1960, water-stage recorder 830 ft downstream at same datum.

REMARKS.--Flow regulated since 1936 by increasing numbers of reservoirs above station.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1867 | Mar. 15 | -- | 31.40 | 1952 | Mar. 13 | 180,000 [5] | 16.28 | 1979 | Mar. 6 | 217,000 | 19.75 |
| 1925 | Jan. 16 | 134,000 | -- | 1953 | Feb. 24 | 157,000 [5] | 14.81 | 1980 | Mar. 22 | 250,000 | 22.01 |
| 1926 | Jan. 24 | 114,000 | -- | 1954 | Jan. 23 | 258,000 [5] | 21.96 | 1981 | Apr. 5 | 51,400 | 8.74 |
| 1927 | Jan. 1 | 283,000 | 23.20 | 1955 | Mar. 24 | 173,000 [5] | 16.62 | 1982 | Jan. 5 | 189,000 | 17.92 |
| 1928 | Apr. 25 | 170,000 | 18.10 | 1956 | Feb. 6 | 230,000 [5] | 19.80 | 1983 | Apr. 7 | 168,000 | 16.80 |
| 1929 | Mar. 30 | 231,000 | 21.30 | 1957 | Feb. 2 | 293,000 [5] | 23.93 | 1984 | May 10 | 245,000 | 21.65 |
| 1930 | Nov. 19 | 210,000 | 20.32 | 1958 | Nov. 20 | 268,000 [5] | 22.59 | 1985 | Feb. 2 | 113,000 [E] | 11.30 |
| 1931 | Apr. 9 | 127,000 | 15.25 | 1959 | Jan. 22 | 130,000 [5] | 12.27 | 1986 | Feb. 20 | 80,100 [E] | 9.32 |
| 1932 | Feb. 5 | 208,000 | 19.97 | 1960 | Dec. 21 | 136,000 [5] | 12.96 | 1987 | Mar. 1 | 156,000 [E] | 15.32 |
| 1933 | Jan. 4 | 236,000 | 21.14 | 1961 | Feb. 25 | 234,000 [5] | 20.41 | 1988 | Jan. 22 | 121,000 [E] | 13.24 |
| 1934 | Mar. 8 | 224,000 | 20.50 | 1962 | Feb. 27 | 252,000 [5] | 21.64 | 1989 | June 23 | 183,000 | -- |
| 1935 | Mar. 17 | 186,000 | 18.63 | 1963 | Mar. 14 | 285,000 [5] | 23.37 | 1990 | Feb. 17 | 260,000 | 22.00 |
| 1936 | Apr. 3 | 282,000 | 22.72 | 1964 | Mar. 16 | 199,000 [5] | 18.00 | 1991 | Dec. 24 | 304,000 | 24.75 |
| 1938 | Apr. 11 | 153,000 [5] | 15.37 | 1965 | Mar. 30 | 244,000 [5] | 21.51 | 1992 | Dec. 04 | 217,000 | 20.06 |
| 1939 | Feb. 18 | 228,000 [5] | 20.26 | 1966 | Feb. 17 | 152,000 [5] | 14.58 | 1993 | Mar. 25 | 176,000 | 17.35 |
| 1940 | Feb. 20 | 89,900 [5] | 9.67 | 1967 | July 9 | 128,000 [5] | 13.86 | 1994 | Mar. 30 | 268,000 | 22.40 |
| 1941 | Apr. 8 | 67,200 [5] | 9.40 | 1968 | Dec. 23 | 191,000 [5] | 18.00 | 1995 | Feb. 18 | 164,000 | 15.27 |
| 1942 | Mar. 22 | 111,000 [5] | 11.77 | 1969 | Feb. 4 | 213,000 [5] | 19.20 | 1996 | Feb. 18 | 189,000 | 16.33 |
| 1943 | Dec. 31 | 249,000 [5] | 21.63 | 1970 | Jan. 2 | 227,000 [5] | 20.30 | 1997 | Mar. 05 | 187,000 | 17.13 |
| 1944 | Mar. 30 | 225,000 [5] | 20.50 | 1971 | Feb. 28 | 128,000 | 13.10 | 1998 | Jan. 09 | | 16.41 |
| 1945 | Feb. 20 | 149,000 [5] | 14.24 | 1972 | Jan. 12 | 148,000 [1] | -- | 1999 | Jan. 25 | | 13.33 |
| 1946 | Jan. 9 | 277,000 [5] | 23.07 | 1973 | Mar. 19 | 323,000 | 26.06 | 2000 | Apr. 05 | 193,000 | 18.17 |
| 1947 | Jan. 22 | 243,000 [5] | 21.04 | 1974 | Dec. 28 | 216,000 [6] | 19.75 | 2001 | Jan. 21 | 121,000 | 13.13 |
| 1948 | Feb. 15 | 269,000 [5] | 23.00 | 1975 | Mar. 15 | 230,000 [6] | 20.90 | 2002 | Jan. 27 | 207,000 | 19.10 |
| 1949 | Jan. 6 | 272,000 [5] | 22.90 | 1976 | Jan. 4 | 91,400 | 9.56 | 2003 | May 09 | 292,000 | |
| 1950 | Mar. 15 | 213,000 [5] | 19.35 | 1977 | Apr. 7 | 222,000 | 20.36 | | | | |
| 1951 | Mar. 30 | 249,000 [5] | 21.49 | 1978 | Nov. 30 | 141,000 | -- | | | | |

## 03575830 INDIAN CREEK NEAR MADISON

LOCATION.--Lat 34°41'50", long 86°42'00", in NE$^1/_4$ sec. 14, T. 4 S., R. 2 W., Madison County, Hydrologic Unit 06030002, on State Highway 20, 2.8 mi east of Madison, and 5.8 mi upstream from mouth.

DRAINAGE AREA.--49.0 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 601.32 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1960 | Dec. 18 | 2,700 | 8.34 | 1975 | Mar. 13 | 3,630 | 8.91 | 1990 | Feb. 4 | 2,280 | 7.98 |
| 1961 | Feb. 22 | 3,300 | 8.73 | 1976 | Oct. 17 | 3,420 | 8.80 | 1991 | Dec. 22 | 12,000 | 11.76 |
| 1962 | Feb. 23 | 3,750 | 8.96 | 1977 | Mar. 12 | 3,420 | 8.80 | 1992 | Dec. 2 | 4,230 | 9.24 |
| 1963 | Mar. 12 | 8,170 | 10.70 | 1978 | Nov. 5 | 1,710 | 7.49 | 1993 | May 4 | 4,230 | 9.24 |
| 1964 | Mar. 14 | 6,400 | 10.20 | 1979 | Mar. 4 | 3,200 | 8.58 | 1994 | Feb. 10 | 5,170 | 9.65 |
| 1965 | Mar. 29 | 1,850 | 7.62 | 1980 | Mar. 20 | 4,840 | 9.50 | 1995 | Feb. 16 | 1,910 | 7.65 |
| 1966 | June 16 | 1,610 | 7.39 | 1981 | June 5 | 560 | 5.43 | 1996 | Apr. 20 | 2,640 | 8.31 |
| 1967 | Aug. 10 | 1,150 | 6.88 | 1982 | Jan. 23 | 2,200 | 7.94 | 1997 | Mar. 3 | 1,970 | 7.74 |
| 1968 | Dec. 18 | 8,500 | 10.90 | 1983 | May 19 | 5,850 | 9.90 | 1998 | Jan. 7 | 3,550 | 8.88 |
| 1969 | Feb. 2 | 2,610 | 8.22 | 1984 | May 8 | 2,170 | 7.72 | 1999 | Jan. 23 | 3,260 | 8.70 |
| 1970 | Apr. 2 | 3,200 | 8.62 | 1985 | Aug. 17 | 1,100[E] | 6.55 | 2000 | Apr. 3 | 5,890 | 9.93 |
| 1971 | Mar. 25 | 820 | 5.95 | 1986 | June 29 | 1,200 | 6.71 | 2001 | Mar. 20 | 3,810 | 9.03 |
| 1972 | Jan. 4 | 1,120 | 6.55 | 1987 | Nov. 24 | 1,650 | 7.37 | 2002 | Dec. 14 | 2,760 | 8.36 |
| 1973 | Mar. 16 | 16,500 | 12.70 | 1988 | Jan. 19 | 1,520 | 7.25 | 2003 | May 6 | 10,900 | 11.59 |
| 1974 | Dec. 26 | 3,710 | 8.96 | 1989 | June 9 | 2,950 | 8.42 | | | | |

## 03576250 LIMESTONE CREEK NEAR ATHENS

LOCATION.--Lat 34°45'06", long 86°49'24", in SW$^1/_4$ sec. 26, T. 3 S., R. 3 W., Limestone County, Hydrologic Unit 06030002, on U.S. Highway 72, 10 mi east of Athens, and at mile 17.0.
DRAINAGE AREA.--119 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 626.34 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1940 | July 8 | 3,000 | 8.00 | 1959 | July 18 | 4,300 | 8.92 | 1977 | Apr. 5 | 13,000 | 12.38 |
| 1941 | Jan. 2 | 1,650 | 5.80 | 1960 | Dec. 19 | 8,650 | 10.96 | 1978 | Nov. 5 | 8,250 | 10.84 |
| 1942 | Feb. 17 | 2,400 | 7.20 | 1961 | Mar. 8 | 9,000 | 11.08 | 1979 | Mar. 4 | 5,700 | 9.70 |
| 1943 | Dec. 28 | 3,250 | 7.90 | 1962 | Feb. 28 | 7,600 | 10.59 | 1980 | Mar. 20 | 12,200 | 12.12 |
| 1944 | Mar. 29 | 10,000 | 11.50 | 1963 | Mar. 12 | 26,000 | 15.50 | 1981 | June 4 | 1,860 | 6.26 |
| 1945 | Feb. 17 | 6,600 | 10.10 | 1964 | Mar. 15 | 15,500 | 13.00 | 1982 | Jan. 4 | 10,500 [E] | 11.81 |
| 1946 | Jan. 8 | 10,700 | 11.67 | 1965 | Mar. 29 | 4,850 | 9.30 | 1984 | May 3 | 8,500 [E] | 10.93 |
| 1947 | Jan. 20 | 3,250 | 7.90 | 1966 | May 18 | 2,700 | 7.59 | 1985 | Aug. 17 | 3,650 [E] | 8.55 |
| 1948 | Feb. 13 | 9,950 | 11.45 | 1967 | June 29 | 3,340 | 8.34 | 1991 | Dec. 23 | 25,000[7] | 15.20 |
| 1949 | Jan. 5 | 15,000 | 12.89 | 1968 | Dec. 18 | 12,500 | 12.17 | 1995 | Mar. 8 | 3,150 | 8.08 |
| 1950 | Jan. 6 | 8,950 | 11.14 | 1969 | Feb. 2 | 6,100 | 9.92 | 1996 | Mar. 7 | 5,700 | 9.72 |
| 1951 | Feb. 1 | 16,000 | 13.16 | 1970 | Dec. 30 | 10,800 | 11.74 | 1997 | Mar. 3 | 5,500 | 9.59 |
| 1952 | Dec. 8 | 6,650 | 10.15 | 1971 | Feb. 22 | 6,750 | 10.20 | 1998 | Jan. 7 | 10,300 | 11.76 |
| 1953 | Feb. 21 | 5,600 | 9.70 | 1972 | Jan. 10 | 2,800 | 7.71 | 1999 | Jan. 23 | 17,000 | 13.56 |
| 1954 | Jan. 21 | 21,000 | 14.32 | 1973 | Mar. 16 | 38,000 | 17.28 | 2000 | Apr. 3 | 8,700 | 11.01 |
| 1955 | Feb. 22 | 6,700 | 10.19 | 1974 | Dec. 26 | 9,200 | 11.21 | 2001 | July 5 | 5,050 | 9.36 |
| 1956 | Feb. 3 | 4,800 | 9.23 | 1975 | Mar. 13 | 12,500 | 12.21 | 2002 | Jan. 23 | 5,100 | 9.39 |
| 1957 | Feb. 1 | 10,200 | 11.60 | 1976 | Oct. 17 | 13,600 | 12.61 | 2003 | May 6 | 13,500 | 12.49 |
| 1958 | Nov. 18 | 8,600 | 10.91 | | | | | | | | |

## 03576400 PINEY CREEK NEAR ATHENS

LOCATION.--Lat 34°48'10", long 86°53'00", NE$^1/_4$ sec. 7, T. 3 S., R. 3 W., Limestone County, Hydrologic Unit 06030002, on County Highway 44, 0.8 mi upstream from Johnson Branch, 1.8 mi downstream from Panther Branch, and 5 mi east of Athens.
DRAINAGE AREA.--55.8 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 655 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | Dec. 18 | 3,900 [2] | 8.33 | 1963 | Mar. 12 | 12,900 | 13.38 | 1968 | Dec. 18 | 5,930 | 9.81 |
| 1959 | July 18 | 2,300 [2] | 6.59 | 1964 | Mar. 14 | 4,750 | 10.84 | 1969 | Feb. 2 | 3,630 | 8.10 |
| 1960 | Dec. 18 | 3,670 | 9.61 | 1965 | Mar. 29 | 2,620 | 8.03 | 1970 | Dec. 30 | 5,190 | 9.28 |
| 1961 | Mar. 8 | 2,890 | 8.48 | 1966 | May 13 | 1,880 | 6.65 | 1991 | Dec. 22 | 4,700 | 10.80 |
| 1962 | Dec. 18 | 2,910 | 8.52 | 1967 | July 12 | 2,420 | 6.80 | | | | |

## 03576500 FLINT CREEK NEAR FALKVILLE

LOCATION.--Lat 34°22'23", long 86°56'01", in SW$^1/_4$ sec. 2, T. 8 S., R. 4 W., Morgan County, Hydrologic Unit 06030002, 1.2 mi downstream from Robinson Creek, 1.5 mi west of Falkville, and 2.8 mi upstream from Cedar Creek.
DRAINAGE AREA.--86.3 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 572.59 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1953 | Feb. 21 | 3,160 | 12.20 | 1963 | Mar. 12 | 6,200 | 13.75 | 1973 | Mar. 16 | 12,500 | 15.85 |
| 1954 | Jan. 16 | 6,900 | 14.00 | 1964 | Mar. 26 | 9,420 | 14.94 | 1991 | Dec. 23 | 30,000[2,7] | 19.28 |
| 1955 | Mar. 21 | 8,400 | 14.60 | 1965 | Mar. 26 | 6,760 | 13.98 | 1993 | Mar. 23 | 5,760 | 13.54 |
| 1956 | Feb. 4 | 2,410 | 11.80 | 1966 | May 18 | 4,440 | 12.87 | 1994 | Feb. 11 | 8,310 | 14.57 |
| 1957 | Feb. 1 | 5,300 | 13.30 | 1967 | May 7 | 2,260 | 11.71 | 1995 | Feb. 16 | 5,900 | 13.63 |
| 1958 | Nov. 19 | 7,400 | 14.20 | 1968 | Jan. 10 | 6,600 | 13.84 | 1996 | Mar. 7 | 2,900 | 12.16 |
| 1959 | Jan. 22 | 6,600 | 13.80 | 1969 | Feb. 2 | 6,600 | 13.80 | 1997 | May 3 | 5,700 | 13.51 |
| 1960 | Mar. 3 | 5,920 | 13.54 | 1970 | Dec. 31 | 7,630 | 14.33 | 1998 | Jan. 7 | 9,200 | 14.85 |
| 1961 | Feb. 22 | 12,200 | 15.77 | 1971 | Feb. 26 | 6,120 | 13.69 | 1999 | Jan. 23 | 3,160 | 12.20 |
| 1962 | Apr. 11 | 10,100 | 15.15 | 1972 | Dec. 7 | 4,050 | 12.67 | | | | |

## 03577000 WEST FLINT CREEK NEAR OAKVILLE

LOCATION.--Lat 34°28'35", long 87°08'30", in SW$^1/_4$ sec. 35, T. 6 S., R. 6 W., Lawrence County, Hydrologic Unit 06030002, on county road, 0.9 mi east of Five Points, 0.9 mi upstream from Shoal Creek, 1.2 mi downstream from McDaniel Branch, and 2.8 mi northeast of Oakville.
DRAINAGE AREA.--87.6 mi$^2$.
GAGE.--Water-stage recorder 1953-57, 1963-65. Crest-stage gage 1958-62, 1966-69. Datum of gage is 576.59 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1946 | Jan. | 6,400 [2] | -- | 1957 | Feb. 1 | 4,210 | 21.30 | 1968 | Dec. 18 | 5,120 | 23.32 |
| 1947 | Jan. | 1,730 [2] | -- | 1958 | Nov. 18 | 3,540 | 19.80 | 1969 | Feb. 2 | 3,860 | 20.52 |
| 1948 | Feb. | 5,100 [2] | -- | 1960 | Mar. 3 | 2,810 | 18.03 | 1991 | Dec. 23 | 7,900 | 28.00 |
| 1949 | Jan. | 7,800 [2] | -- | 1961 | Feb. 22 | 3,950 | 20.72 | 1993 | Mar. 24 | 2,750 | 17.61 |
| 1950 | Jan. | 7,800 [2] | -- | 1962 | Feb. 23 | 3,980 | 20.78 | 1994 | Feb. 11 | 4,240 | 21.30 |
| 1951 | Mar. | 7,150 [2] | -- | 1963 | May 27 | 1,640 | 12.52 | 1995 | Feb. 16 | 4,340 | 21.79 |
| 1953 | Feb. 21 | 2,350 | 16.00 | 1964 | Apr. 28 | 3,070 | 18.67 | 1996 | Mar. 7 | 2,660 | 16.85 |
| 1954 | Jan. 22 | 3,540 | 19.75 | 1965 | Feb. 26 | 3,080 | 18.70 | 1997 | June 22 | 3,270 | 19.13 |
| 1955 | Mar. 22 | 3,760 | 20.28 | 1966 | Feb. 13 | 1,610 | 12.35 | 1998 | Jan. 8 | 4,240 | 21.58 |
| 1956 | Feb. 4 | 3,160 | 18.90 | 1967 | Dec. 10 | 2,390 | 16.28 | | | | |

## 03577110 WEST FLINT CREEK NEAR HARTSELLE

LOCATION.--Lat 34°29'38", long 87°01'34", in NW$^1/_4$NW$^1/_4$SE$^1/_4$ sec. 26, T. 6 S., R. 5 W., Morgan County, Hydrologic Unit 06030002, on pier at right bank of Means Bridge on Decatur-Danville Road, 7.5 mi southwest of Decatur, and 6 mi northwest of Hartselle.
DRAINAGE AREA.--158 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 553.67 ft NGVD 29.
REMARKS.--Station operated and records published by Tennessee Valley Authority.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1941 | Mar. 8 | 1,460 | 11.85 | 1948 | Feb. 13 | 7,060 | 17.02 | 1955 | Mar. 22 | 4,830 | 15.74 |
| 1942 | Mar. 18 | 1,620 | 13.01 | 1949 | Jan. 5 | 10,300 | 17.98 | 1956 | Feb. 4 | 4,530 | 15.54 |
| 1943 | Dec. 29 | 2,320 | 14.21 | 1950 | Jan. 7 | 10,300 | 17.98 | 1957 | Feb. 1 | 6,190 | 16.49 |
| 1944 | Mar. 29 | 5,870 [2] | 16.56 | 1951 | Mar. 29 | 9,550 | 17.78 | 1958 | Nov. 18 | 5,910 | 16.35 |
| 1945 | Feb. 13 | 2,970 | 14.92 | 1952 | Mar. 11 | 3,080 | 14.20 | 1992 | Dec. 24 | 10,400 [2,7] | -- |
| 1946 | Jan. 8 | 8,660 | 17.55 | 1953 | Feb. 21 | 3,300 | 14.44 | | | | |
| 1947 | Jan. 20 | 2,760 | 14.71 | 1954 | Jan. 22 | 4,950 | 15.81 | | | | |

## 03585300 SUGAR CREEK NEAR GOOD SPRINGS

LOCATION.--Lat 34°56'40", long 87°09'20", in SW$^1/_4$ sec. 22, T. 1 S., R. 6 W., Limestone County, Hydrologic Unit 06030004, on State Highway 99, 0.2 mi downstream from Bridgeforth Branch, 2.2 mi east of Good Springs, 2.4 mi upstream from Dobbins Branch, and at mile 8.1.
DRAINAGE AREA.--152 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 575 ft NGVD 29 (from topographic map).

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1958 | Nov. 18 | 12,300 | 10.85 | 1962 | Dec. 18 | 11,700 | 10.75 | 1966 | May 18 | 3,340 | 7.98 |
| 1959 | Mar. 27 | 8,600 | 10.10 | 1963 | Mar. 12 | 19,600 | 11.80 | 1967 | Dec. 9 | 8,200 | 10.00 |
| 1960 | Dec. 19 | 8,600 | 10.10 | 1964 | Apr. 4 | 13,400 | 11.02 | 1968 | Dec. 18 | 5,100 | 8.99 |
| 1961 | Mar. 8 | 34,000 | 13.37 | 1965 | Mar. 26 | 11,600 | 10.73 | 1969 | Feb. 2 | 8,650 | 10.12 |

03586500 BIG NANCE CREEK AT COURTLAND

LOCATION.--Lat 34°40'12", long 87°19'02", in SW$^1/_4$ sec. 30, T. 4 S., R. 7 W., Lawrence County, Hydrologic Unit 06030005, on county road 25, at Courtland, and at mile 12.9.
DRAINAGE AREA.--166 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 537.60 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1936 | Apr. 3 | 6,980 | 19.80 | 1960 | Mar. 3 | 5,610 | 18.94 | 1979 | Apr. 13 | 5,580 | 18.91 |
| 1937 | Jan. 3 | 4,400 | 16.10 | 1961 | Feb. 23 | 3,760 | 15.77 | 1980 | Mar. 21 | 7,270 | 20.34 |
| 1938 | Mar. 11 | 4,000 | 15.30 | 1962 | Feb. 24 | 7,600 | 20.54 | 1981 | Mar. 31 | 2,350 | 11.17 |
| 1939 | Feb. 16 | 6,980 | 19.80 | 1963 | Mar. 12 | 10,100 | 21.75 | 1988 | Apr. 13 | 1,980 | 10.09 |
| 1940 | July 10 | 4,650 | 17.00 | 1964 | Mar. 16 | 6,800 | 19.89 | 1989 | Mar. 6 | 6,450 | 19.26 |
| 1946 | Feb. 10 | 8,180 | 21.00 | 1965 | Feb. 13 | 5,160 | 18.43 | 1990 | Oct. 2 | 7,500 | 20.36 |
| 1947 | Jan. 2 | 3,960 | 15.70 | 1966 | May 2 | 1,890 | 10.72 | 1991 | Dec. 23 | 22,000 | 24.21 |
| 1948 | Feb. 13 | 9,000 | 21.50 | 1967 | Feb. 21 | 4,300 | 16.14 | 1992 | Dec. 3 | 8,750 | 21.13 |
| 1949 | Jan. 5 | 11,000 | 22.25 | 1968 | Dec. 19 | 8,560 | 21.09 | 1993 | Mar. 24 | 5,000 | 17.32 |
| 1950 | Jan. 7 | 12,500 | 22.60 | 1969 | Feb. 3 | 7,400 | 20.42 | 1994 | Mar. 28 | 7,400 | 20.32 |
| 1951 | Feb. 1 | 12,000 | 22.45 | 1970 | Dec. 31 | 8,800 | 21.22 | 1995 | Feb. 17 | 6,920 | 19.73 |
| 1952 | Dec. 9 | 8,140 | 20.92 | 1971 | Feb. 23 | 4,590 | 17.54 | 1996 | Mar. 8 | 5,230 | 17.70 |
| 1953 | Feb. 22 | 5,300 | 17.99 | 1972 | Jan. 5 | 4,330 | 17.04 | 1997 | June 23 | 5,660 | 18.33 |
| 1954 | Jan. 23 | 7,620 | 20.49 | 1973 | Mar. 16 | 26,500 | 24.97 | 1998 | Jan. 8 | 8,000 | 20.73 |
| 1955 | Mar. 22 | 7,160 | 20.27 | 1974 | Dec. 27 | 6,110 | 19.48 | 1999 | Jan. 24 | 11,200 | 21.98 |
| 1956 | Apr. 7 | 4,080 | 16.50 | 1975 | Mar. 14 | 10,200 | 21.94 | 2000 | Apr. 4 | 6,230 | 19.03 |
| 1957 | Feb. 1 | 9,000 | 21.50 | 1976 | Oct. 18 | 10,700 | 22.15 | 2001 | Jan. 20 | 5,190 | 17.63 |
| 1958 | Nov. 18 | 6,700 | 19.52 | 1977 | Apr. 5 | 6,000 | 18.75 | 2002 | May 5 | 6,200 | 19.00 |
| 1959 | Apr. 19 | 2,400 | 12.02 | 1978 | May 9 | 5,450 | 18.13 | 2003 | Feb. 23 | 5,850 | 18.57 |

## 03589500 TENNESSEE RIVER AT FLORENCE

LOCATION.--Lat 34°47'13", long 87°40'12", in SW$^1/_4$ sec. 14, T. 3 S., R. 11 W., Lauderdale County, Hydrologic Unit 06030005, at lower end of Patton Island, 700 ft upstream from O'Neal Bridge on U.S. Highway 72, 1.7 mi upstream from Cypress Creek, 2.7 mi downstream from Wilson Dam, and at mile 256.7.

DRAINAGE AREA.--30,810 mi$^2$.

GAGE.--Water-stage recorder. Datum of gage is 401.12 ft NGVD 29.

REMARKS.--Flow regulated since 1924 by Wilson Lake and increasing regulation since 1936 as other reservoirs have been built above station.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1867 | -- | 421,000 [7] | 31.10 | 1931 | Apr. 10 | 146,000[5] | 12.95 | 1968 | Jan. 10 | 260,000[5] | 20.82 |
| 1895 | Jan. 17 | 213,000 [1] | 17.40 | 1932 | Feb. 4 | 244,000[5] | 19.70 | 1969 | Feb. 2 | 267,000[5] | 20.97 |
| 1896 | Apr. 9 | 254,000 [1] | 19.90 | 1933 | Feb. 20 | 272,000[5] | 21.20 | 1970 | Jan. 2 | 250,000[5] | 21.01 |
| 1897 | Mar. 19 | 444,000 [1] | 32.50 | 1934 | Mar. 5 | 266,000[5] | 21.20 | 1971 | Feb. 22 | 196,000 | -- |
| 1898 | Aug. 29 | 157,000 [1] | 13.80 | 1935 | Mar. 16 | 208,000[5] | 17.90 | 1972 | Jan. 11 | 171,000 | 18.31 |
| 1899 | Mar. 20 | 325,000 [1] | 25.10 | 1936 | Apr. 6 | 313,000[5] | 24.35 | 1973 | Mar. 17 | 530,000 | 30.03 |
| 1900 | Apr. 20 | 243,000 [1] | 19.20 | 1937 | Jan. 4 | 247,000[5] | 20.26 | 1974 | Jan. 11 | 327,000[6] | 25.03 |
| 1901 | Aug. 22 | 238,000 [1] | 18.90 | 1938 | Apr. 12 | 185,000[5] | 21.12 | 1975 | Mar. 14 | 341,000[6] | 24.99 |
| 1902 | Mar. 8 | 273,000 [1] | 20.90 | 1939 | Feb. 17 | 286,000[5] | 24.98 | 1976 | Oct. 17 | 185,000 | 18.54 |
| 1903 | Mar. 6 | 236,000 [1] | 18.80 | 1940 | Apr. 19 | 118,000[5] | 17.98 | 1977 | Apr. 8 | 252,000 | 21.81 |
| 1904 | Mar. 27 | 210,000 [1] | 17.20 | 1941 | Apr. 5 | 108,000[5] | 17.09 | 1978 | May 9 | 226,000 | 21.74 |
| 1905 | Feb. 12 | 201,000 [1] | 16.70 | 1942 | Mar. 22 | 138,000[5] | 18.13 | 1979 | Mar. 6 | 237,000 | 20.09 |
| 1906 | Jan. 28 | 155,000 [1] | 13.70 | 1943 | Jan. 2 | 274,000[5] | 23.22 | 1980 | Mar. 22 | 336,000 | 24.83 |
| 1907 | Nov. 25 | 201,000 [1] | 16.70 | 1944 | Mar. 30 | 304,000[5] | 25.55 | 1981 | Feb. 4 | 99,200 | 12.15 |
| 1908 | Feb. 19 | 206,000 [1] | 17.00 | 1945 | Feb. 22 | 262,000[5] | 21.48 | 1982 | Jan. 5 | 234,000 | 20.06 |
| 1909 | Mar. 15 | 250,000 [1] | 19.60 | 1946 | Jan. 11 | 355,000[5] | 25.10 | 1983 | May 22 | 273,000 | 23.06 |
| 1910 | Feb. 22 | 127,000 [1] | 11.70 | 1947 | Jan. 20 | 341,000[5] | 23.65 | 1984 | May 4 | 339,000 | 23.81 |
| 1911 | Apr. 10 | 293,000 [1] | 22.00 | 1948 | Feb. 13 | 395,000[5] | 28.02 | 1985 | Feb. 5 | 159,000 [E] | 15.42 |
| 1912 | Apr. 3 | 250,000 [1] | 19.60 | 1949 | Jan. 8 | 344,000[5] | 25.82 | 1986 | Feb. 22 | 101,000 | -- |
| 1913 | Mar. 21 | 231,000 [1] | 18.50 | 1950 | Feb. 14 | 288,000[5] | 22.53 | 1987 | Mar. 1 | 243,000 | 20.92 |
| 1914 | Apr. 4 | 127,000 [1] | 12.20 | 1951 | Mar. 29 | 303,000[5] | 24.10 | 1988 | Jan. 22 | 142,000 | 14.46 |
| 1915 | Dec. 31 | 231,000 [1] | 19.20 | 1952 | Dec. 23 | 223,000 | -- | 1989 | Jan. 13 | 267,000 | 21.71 |
| 1916 | July 12 | 252,000 [1] | 20.50 | 1953 | Feb. 23 | 202,000 | -- | 1989 | Oct. 2 | 318,000 | 21.91 |
| 1917 | Mar. 12 | 319,000 [1] | 24.70 | 1954 | Jan. 23 | 311,000[5] | 23.31 | 1990 | Dec. 23 | 440,000 | 27.58 |
| 1918 | Feb. 6 | 276,000 | 22.00 | 1955 | Mar. 22 | 326,000[5] | 25.73 | 1991 | Dec. 3 | 332,000 | 25.12 |
| 1919 | Mar. 9 | 236,000 | 19.50 | 1956 | Feb. 5 | 288,000[5] | 22.32 | 1993 | Mar. 27 | 222,000 | 20.83 |
| 1920 | Apr. 10 | 300,000 | 23.50 | 1957 | Feb. 4 | 367,000[5] | 26.20 | 1994 | Mar. 28 | 364,000 | 25.53 |
| 1921 | Feb. 13 | 223,000 | 18.70 | 1958 | Nov.19 | 337,000 | -- | 1995 | Mar. 8 | 181,000 | 18.18 |
| 1922 | Mar. 11 | 268,000 | 21.50 | 1959 | Jan. 22 | 162,000[5] | 15.79 [2] | 1996 | Jan. 29 | 195,000 | 17.72 |
| 1923 | Feb. 11 | 215,000 | 18.20 | 1960 | Mar. 3 | 153,000[5] | 15.76 [2] | 1997 | Mar. 3 | 256,000 | 21.55 |
| 1924 | Jan. 6 | 196,000[5] | 17.00 | 1961 | Mar. 8 | 240,000 | 21.22 | 1998 | Apr. 23 | 225,000 | 21.15 |
| 1925 | Jan. 16 | 145,000[5] | 13.50 | 1962 | Feb. 28 | 300,000 | 24.57 | 1999 | Jan. 24 | 215,000 | 20.12 |
| 1926 | Jan. 23 | 149,000[5] | 13.50 | 1963 | Mar. 14 | 339,000 | 24.50 | 2000 | Apr. 4 | 245,000 | 21.46 |
| 1927 | Dec. 29 | 344,000[5] | 26.50 | 1964 | Mar. 15 | 282,000 | 21.93 | 2001 | Feb. 17 | 206,000 | 19.79 |
| 1928 | Apr. 24 | 217,000[5] | 18.40 | 1965 | Mar. 30 | 341,000 | 24.59 | 2002 | Jan. 26 | 300,000 | 23.38 |
| 1929 | Mar. 25 | 293,000[5] | 22.90 | 1966 | Feb. 18 | 171,000[5] | 16.30 | 2003 | May 7 | 365,000 | 24.54 |
| 1930 | Nov. 19 | 248,000[5] | 20.00 | 1967 | Mar. 7 | 164,000[5] | 15.49 | | | | |

## 03590000 CYPRESS CREEK NEAR FLORENCE

LOCATION.--Lat 34°48'27", long 87°42'02", in NE$^1/_4$ sec.9, T. 3 S., R. 11 W., Lauderdale County, Hydrologic Unit 06030005, on State Highway 2, 2 mi west of Florence, 4 mi downstream from Cox Creek, and 4 mi upstream from mouth.
DRAINAGE AREA.--209 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 423.78 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1935 | Mar. 12 | 8,000 | 9.43 | 1942 | Mar. 17 | 2,980 | 4.53 | 1949 | Mar. 27 | 13,400 | 13.17 |
| 1936 | Apr. 6 | 6,170 | 7.95 | 1943 | Dec. 28 | 6,230 | 8.00 | 1950 | Feb. 14 | 13,600 | 13.36 |
| 1937 | May 4 | 20,600 | 16.60 | 1944 | Mar. 28 | 10,250 | 11.06 | 1951 | Mar. 28 | 25,100 | 19.20 |
| 1938 | Aug. 29 | 4,760 | 6.51 | 1945 | Feb. 22 | 13,000 | 12.90 | 1952 | Jan. 27 | 9,190 | 10.35 |
| 1939 | Feb. 15 | 11,300 | 11.73 | 1946 | Nov. 22 | 13,900 | 13.45 | 1953 | Feb. 12 | 11,900 | 12.17 |
| 1940 | Apr. 19 | 13,000 | 12.97 | 1947 | Apr. 16 | 4,400 | 6.19 | 1955 | Mar. 24 | 50,000 [7] | 29.94 |
| 1941 | July 4 | 2,400 | 3.79 | 1948 | Feb. 13 | 21,400 | 17.40 [1] | | | | |

## 03591570 BEAR CREEK AT POSEY MILL

LOCATION.--Lat 34°19'37", long 87°34'49", in NW$^1/_4$SW$^1/_4$ sec. 27, T. 8 S., R. 10 W., Franklin County, Hydrologic Unit 06030006, 115 ft above County Road B85 at Posey Mill
DRAINAGE AREA.--26.8 mi$^2$.
GAGE.--Crest-stage gage. Datum of gage is 791.45 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1964 | Mar. 25 | 1,030 | 11.08 | 1968 | Dec. 18 | 2,430 | 19.14 | 1972 | Jan. 4 | 1,180 | 11.01 |
| 1965 | Feb. 12 | 1,010 | 10.39 | 1969 | Feb. 2 | 1,390 | 12.82 | 1973 | Mar. 16 | 4,200 | 26.38 |
| 1966 | Feb. 13 | 431 | 5.83 | 1970 | Dec. 30 | 2,520 | 18.23 | 1974 | Dec. 26 | 1,860 | 14.90 |
| 1967 | May 7 | 1,010 | 10.64 | 1971 | Feb. 26 | 1,210 | 11.17 | 1975 | Mar. 13 | 2,390 | 17.57 |

## 03591800 BEAR CREEK NEAR HACKLEBURG

LOCATION.--Lat 34°17'01", long 87°46'26", in SW$^1/_4$ sec. 11, T. 9 S., R. 12 W., Marion County, Hydrologic Unit 06030006, on State Highway 172, 2 mi upstream from Bluff Creek, 3.5 mi east of Hackleburg, and at mile 104.8.
DRAINAGE AREA.--143 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 646.50 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1957 | Jan. 31 | 7,300 | 20.00 | 1965 | Feb. 12 | 5,880 | 17.77 | 1973 | Mar. 16 | 24,000 | 39.00 |
| 1958 | Nov. 18 | 6,600 | 19.20 | 1966 | Feb. 13 | 2,420 | 10.05 | 1974 | Dec. 26 | 7,970 | 21.10 |
| 1959 | Jan. 21 | 2,520 | 10.30 | 1967 | Dec. 9 | 6,350 | 18.58 | 1975 | Mar. 13 | 13,400 | 27.83 |
| 1960 | Mar. 2 | 7,000 | 19.50 | 1968 | Dec. 18 | 13,800 | 27.90 | 1976 | Oct. 17 | 14,800 | 29.31 |
| 1961 | Feb. 21 | 5,100 | 16.20 | 1969 | Feb. 2 | 6,560 | 18.93 | 1977 | Mar. 4 | 15,400 | 30.03 |
| 1962 | Apr. 11 | 14,300 | 28.88 | 1970 | Dec. 30 | 13,000 | 27.09 | 1978 | May 8 | 5,930 | 17.87 |
| 1963 | May 26 | 13,000 | 27.36 | 1971 | Feb. 26 | 7,310 | 20.16 | 1979 | Apr. 13 | 6,660 | 19.02 |
| 1964 | Mar. 26 | 6,500 | 18.84 | 1972 | Jan. 4 | 6,310 | 18.52 | 1981 | Mar. 30 | 2,790 | 10.78 |

## 03592200 CEDAR CREEK NEAR PLEASANT SITE

LOCATION.--Lat 34°32'56", long 88°01'09", in SW$^1/_4$ sec. 9, T. 6 S., R. 14 W., Franklin County, Hydrologic Unit 06030006, 2.6 mi east of Pleasant Site, 4.3 mi upstream from Little Bear Creek, and at mile 19.1.
DRAINAGE AREA.--189 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 482.67 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1948 | Feb. 13 | 15,000 | 22.90 | 1963 | Mar. 12 | 13,500 | 22.00 | 1971 | Feb. 22 | 7,300 | 17.23 |
| 1951 | Mar. 28 | 14,000 | 22.20 | 1964 | Mar. 15 | 12,200 | 20.78 | 1972 | May 7 | 4,150 | 13.32 |
| 1955 | Mar. 21 | 17,800 | 24.40 | 1965 | Feb. 12 | 7,500 | 17.81 | 1973 | Mar. 16 | 27,000 | 28.02 |
| 1958 | Nov. 16 | 8,800 | 18.60 | 1966 | Feb. 13 | 3,700 | 12.92 | 1974 | Jan. 11 | 7,500 | 17.50 |
| 1959 | Apr. 19 | 3,250 | 12.00 | 1967 | Dec. 9 | 6,500 | 17.13 | 1975 | Mar. 14 | 12,900 | 21.50 |
| 1960 | Dec. 18 | 7,200 | 18.10 | 1968 | Jan. 10 | 6,550 | 17.16 | 1976 | Oct. 18 | 8,250 | 18.06 |
| 1961 | Mar. 21 | 4,850 | 15.20 | 1969 | Feb. 2 | 7,500 | 17.80 | 1977 | Mar. 24 | 10,300 | 19.81 |
| 1962 | Dec. 18 | 11,000 | 20.73 | 1970 | Dec. 30 | 12,000 | 20.79 | | | | |

## 03592300 LITTLE BEAR CREEK NEAR HALLTOWN

LOCATION.--Lat 34°29'19", long 88°02'07", in NW$^1/_4$ sec. 5, T. 7 S. R. 14 W., Franklin County, Hydrologic Unit 06030006, 2.7 mi northeast of Halltown, and at mile 4.3.
DRAINAGE AREA.--78.2 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 499.30 ft NGVD 29.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1951 | Mar. 28 | 3,900 | 11.70 | 1963 | Mar. 12 | 5,810 | 13.17 | 1970 | Dec. 30 | 7,070 | 13.78 |
| 1955 | Mar. 21 | 6,800 | 13.70 | 1964 | Mar. 14 | 4,100 | 11.83 | 1971 | Feb. 22 | 3,420 | 11.00 |
| 1958 | Nov. 18 | 4,300 | 12.10 | 1965 | Feb. 11 | 3,900 | 11.67 | 1972 | Jan. 4 | 2,920 | 10.33 |
| 1959 | Apr. 19 | 1,750 | 8.40 | 1966 | Feb. 13 | 1,600 | 8.06 | 1973 | Mar. 16 | 20,400[7] | 18.18 |
| 1960 | Mar. 3 | 3,900 | 11.70 | 1967 | May 7 | 4,000 | 11.78 | 1974 | Nov. 28 | 3,540 | 10.87 |
| 1961 | Mar. 21 | 2,500 | 10.09 | 1968 | Dec. 18 | 4,340 | 12.05 | 1975 | Mar. 13 | 8,200 | 14.23 |
| 1962 | Dec. 17 | 5,990 | 13.27 | 1969 | Apr. 10 | 3,130 | 10.68 | | | | |

## 03592500 BEAR CREEK AT BISHOP

LOCATION.--Lat 34°39'21", long 88°07'21", in SE$^1/_4$ sec. 5, T. 5 S., R. 15 W., Colbert County, Hydrologic Unit 06030006, 0.5 mi downstream from Cedar Creek, 0.8 mi southwest of Bishop, and at mile 27.3.
DRAINAGE AREA.--667 mi$^2$.
GAGE.--Water-stage recorder. Datum of gage is 419.91 ft NGVD 29. Nonrecording gage prior to June 23, 1928, and Feb. 10, 1929 to Mar. 31, 1932, at site 35 ft downstream, and June 7, 1933 to May 28, 1934, at bridge 20 ft downstream at datum 5.00 ft lower.
REMARKS.--Flow regulated since March 1969 by Bear Creek Reservoir.

| Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) | Water year | Date | Discharge (ft$^3$/s) | Gage height (feet) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1927 | Dec. 26 | 40,000 | 22.00 | 1942 | Mar. 17 | 12,300 | 16.30 | 1956 | Feb. 5 | 11,100 | 15.81 |
| 1928 | Apr. 24 | 15,800 | 17.20 | 1943 | Dec. 29 | 7,950 | 14.08 | 1957 | Feb. 2 | 28,900 | 20.22 |
| 1929 | Mar. 24 | 36,500 | 21.60 | 1944 | Mar. 29 | 29,000 | 20.18 | 1958 | Nov. 19 | 19,100 | 18.08 |
| 1930 | Mar. 7 | 11,000 | 15.50 | 1945 | Feb. 22 | 19,700 | 18.27 | 1959 | Feb. 14 | 6,600 | 12.78 |
| 1931 | Apr. 1 | 6,500 | 12.40 | 1946 | Jan. 8 | 25,000 | 19.38 | 1960 | Dec. 19 | 13,000 | 16.47 |
| 1932 | Dec. 14 | 16,400 | 17.40 | 1947 | Jan. 2 | 15,200 | 17.30 | 1961 | Mar. 8 | 9,480 | 15.09 |
| 1934 | June 7 | 17,000 | 17.63 | 1948 | Feb. 14 | 35,000 | 21.44 | 1962 | Dec. 18 | 24,900 | 19.34 |
| 1935 | Mar. 7 | 9,600 | 15.23 | 1949 | Jan. 6 | 30,500 | 20.48 | 1963 | Mar. 12 | 24,400 | 19.24 |
| 1936 | Apr. 6 | 14,000 | 16.86 | 1950 | Jan. 8 | 28,800 | 20.06 | 1964 | Mar. 15 | 22,800 | 18.89 |
| 1937 | Jan. 2 | 10,800 | 15.69 | 1951 | Mar. 29 | 27,000 | 19.73 | 1965 | Feb. 12 | 14,600 | 16.98 |
| 1938 | Mar. 12 | 8,800 | 14.70 | 1952 | Dec. 21 | 12,000 | 16.07 | 1966 | Feb. 13 | 7,400 | 13.58 |
| 1939 | Feb. 15 | 17,700 | 17.72 | 1953 | Feb. 21 | 14,100 | 16.83 | 1967 | May 8 | 14,400 | 16.91 |
| 1940 | Apr. 19 | 8,600 | 14.59 | 1954 | Jan. 23 | 15,500 | 17.23 | 1968 | Jan. 11 | 13,900 | 16.76 |
| 1941 | July 5 | 7,070 | 13.34 | 1955 | Mar. 22 | 40,000 | 21.98 | 1969 | Feb. 2 | 13,800 | 16.75 |

**Prepared by:**

USGS Enterprise Publishing Network
Raleigh Publishing Service Center
3916 Sunset Ridge Road
Raleigh, NC 27607

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Hedgecock and Feaster—**Magnitude and Frequency of Floods in Alabama, 2003**—Scientific Investigations Report 2007–5204



ISBN 978-1-4113-2013-0






**Printed on recycled paper**