TECHNIQUES FOR ESTIMATING 7-DAY, 10-YEAR LOW-FLOW CHARACTERISTICS FOR UNGAGED SITES ON STREAMS IN MISSISSIPPI

by Pamela A. Telis

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CONTENTS

ILLUSTRATIONS

TABLES

CONVERSION FACTORS AND ABBREVIATIONS

Multiply	By	To obtain
inch (in.)	25.4	millimeter
foot (ft)	0.3048	meter
mile (mi)	1.609	kilometer
square mile (mi^2)	2.590	square kilometer
cubic foot per second (ft^3/s)	0.02832	cubic meter per second
cubic foot per second per square mile [$(ft^3/s)/mi^2$]	0.01093	cubic meter per second per square kilometer

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ABSTRACT

Mississippi State water laws require that the 7-day, 10-year low-flow characteristic (7Q10) of streams be used as a criterion for issuing waste-discharge permits to dischargers to streams and for limiting withdrawals of water from streams. This report presents techniques for estimating the 7Q10 for ungaged sites on streams in Mississippi based on the availability of base-flow discharge measurements at the site, location of nearby gaged sites on the same stream, and drainage area of the ungaged site. These techniques may be used to estimate the 7Q10 at sites on natural, unregulated or partially regulated, and non-tidal streams. Low-flow characteristics for streams in the Mississippi River alluvial plain were not estimated because the annual low-flow data exhibit decreasing trends with time. Also presented are estimates of the 7Q10 for 493 gaged sites on Mississippi streams.

Techniques for estimating the 7Q10 have been developed for ungaged sites with base-flow discharge measurements, for ungaged sites on gaged streams, and for ungaged sites on ungaged streams. For an ungaged site with one or more base-flow discharge measurements, base-flow discharge data at the ungaged site are related to concurrent discharge data at a nearby gaged site. For ungaged sites on gaged streams, several methods of transferring the 7Q10 from a gaged site to an ungaged site were developed; the resulting 7Q10 values are based on drainage area prorations for the sites. For ungaged sites on ungaged streams, the 7Q10 is estimated from a map developed for this study that shows the unit 7Q10 (7Q10 per square mile of drainage area) for ungaged basins in the State. The mapped values were estimated from the unit 7Q10 determined for nearby gaged basins, adjusted on the basis of the geology and topography of the ungaged basins.

INTRODUCTION

Knowledge of the magnitude and frequency of low-flow discharges is important for water-supply planning; waste-load allocation; storage-facility design; and maintenance of quantity and quality of water for irrigation, recreation, and wildlife conservation. In Mississippi, city planners and water managers must address issues involving the availability of streamflow for dilution and transport of waste effluent and the reliability and quality of surface water for supply. Although Mississippi is a water-rich State, receiving approximately 56 in. of rainfall statewide per year (Wax, 1982), the demand for surface water, particularly during the driest months (usually September through November) when minimum streamflow occurs, can result in flows of insufficient quantity and unacceptable quality for surface-water users.

A low-flow characteristic is defined as the annual minimum average discharge for a selected consecutive-day period for a given recurrence interval in years. For example, a 7-day, 10-year low-flow characteristic (7Q10) of 12 ft^3/s for a site indicates that the annual minimum average discharge for 7 consecutive days is equal to or less than 12 ft^3/s, on average, once in 10 years. The inverse of the recurrence interval is the probability of occurrence; therefore, for this example, a 10 percent chance exists that the annual minimum average discharge for 7 consecutive days for any given year will be equal to or less than 12 ft^3/s. Average consecutive-day discharges can be computed for various recurrence intervals. Other examples of low-flow characteristics that are commonly used in water-resources planning include the 7-day, 2-year (7Q2), the 7-day, 20-year (7Q20), and the 3-day, 20-year (3Q20) low-flow characteristics.

In Mississippi, the 7Q10 is used as a criterion by State and local water managers to permit a specified quantity of waste effluent to be discharged to streams and to set permit limits for surface-water withdrawals from streams. For example, State water laws promulgated in 1985 require that surface-water users can be "permit[ted] the use of water of any stream only in excess of the established minimum flow...," and define "established minimum flow" to be "the average streamflow rate over seven (7) consecutive days that may be expected to be reached as an annual minimum no more frequently than one (1) year in ten (10)" (State of Mississippi, 1985). Therefore, accurate estimates of the 7Q10 for Mississippi streams are essential for the management of the State's water resources in compliance with State law.

Background

In a previous study, Tharpe (1975) determined low-flow characteristics (7Q2 and 7Q10) for 433 streamflow gaging stations in Mississippi. To estimate the 7Q10 for ungaged sites in Mississippi, Tharpe developed a map showing

the generalized geographic variation of the unit 7Q10 (7Q10 per square mile of drainage area) for the State.

In 1984, the U.S. Geological Survey, in cooperation with the Pat Harrison Waterway District; the Pearl River Basin Development District; the Tombigbee River Valley Water Management District; and two agencies of the Mississippi Department of Environmental Quality [formerly the Department of Natural Resources], the Office of Land and Water Resources and the Office of Pollution Control, began a study to determine low-flow characteristics for an expanded statewide network of streamflow gaging stations and to improve techniques for estimating the 7Q10 for ungaged sites. Telis (1991) presented low-flow characteristics (7Q2, 7Q10, and 7Q20) for 105 continuous-record gaging stations and low-flow characteristics (7Q2 and 7Q10) for 430 partial-record gaging stations on natural and unregulated streams in Mississippi and adjacent States. In that study, low-flow characteristics for 406 of the 433 gaging stations included in the study by Tharpe (1975) were updated based on as much as 20 additional years of streamflow data and on improved statistical analysis procedures. This report (also a product of the 1984 cooperative agreement) presents techniques for estimating the 7Q10 for ungaged sites in Mississippi and is based on the low-flow characteristics determined by Telis (1991).

Purpose and Scope

This report presents techniques for estimating the 7Q10 for ungaged sites on streams in Mississippi based on the availability of base-flow discharge measurements at the site, location of nearby gaged sites on the same stream, and drainage area of the ungaged site. Techniques are presented for (1) ungaged sites with base-flow discharge measurements, (2) ungaged sites on gaged streams, and (3) ungaged sites on ungaged streams.

The techniques described in this report are used to estimate the 7Q10 for sites on natural, unregulated or partially-regulated, non-tidal streams. The annual low-flow data for streams in the Mississippi River alluvial plain exhibit a decreasing trend with time; therefore low-flow characteristics were not estimated in this region.

For Mississippi streams, low-flow data from streamflow sites having less than approximately 45 percent of the drainage area regulated generally do not violate assumptions for frequency analyses and are analyzed similarly to data from natural streamflow sites. Low-flow frequency analyses of streamflow data are not valid for regulated streams (those having more than approximately 45 percent of the drainage area regulated) because of the irregular and nonprobabilistic pattern of flow. Legal minimum discharges required to be released at operated impoundments may provide estimates of minimum expected streamflow downstream of flow-regulating structures.

BASE-FLOW HYDROLOGY, PHYSIOGRAPHY, AND GEOLOGY

The base flow, or low flow, of natural streams is derived from the discharge of ground water to stream channels. The rate of ground water discharge to a stream is determined by several factors, such as the hydraulic gradient toward the stream, the hydraulic properties of the geologic formations or aquifers underlying the basin, the degree of incisement of the channel into the water-table aquifer, and the channel length and slope. These and other factors relate in a complex manner to control base-flow yields from a basin. Generally, for Mississippi streams, areas with similar base-flow yields per square mile correspond with outcrop areas of similar geologic units. However, a single value of base flow per square mile may not accurately represent the hydrologic conditions of basins for streams that cross several outcrop areas. Similarly, there may be very different base-flow yields from adjacent basins in areas having springs. A spring in the headwaters of one tributary may cause that stream to have a higher base-flow yield than a stream in an adjacent basin that does not have a spring.

The State of Mississippi lies within the east Gulf Coastal Plain physiographic province and can be subdivided into 10 distinct physiographic regions (Fenneman, 1938) as shown in figure 1. These physiographic regions reflect areas of different topography, geology, soils, and vegetation within the State. A range of unit-7Q2 values for gaged basins having drainage areas less than about 400 mi^2 is presented for each physiographic region in the following paragraphs. In this section, unit-7Q2 values are indicators of base-flow yields and are computed from the 7Q2 for gaged sites presented by Telis (1991).

The Fall Line Hills region is characterized by rugged topography and streams that are deeply incised. These hills are underlain by moderately resistant clay, gravel, and sand of the Tuscaloosa and Eutaw Formations, and the Coffee Sand, all of Cretaceous age. Base-flow yields to streams range from 0.2 to 0.4 $(ft^3/s)/mi^2$ in the eastern part of the region where streams have cut into the highly permeable Tuscaloosa Formation. Base-flow yields to streams are lower [0.02 to 0.1 $(ft^3/s)/mi^2$] for the less permeable formations in the western part of the region.

The Black Prairies region is characterized by low rolling hills and wide floodplains underlain by chalk and marl of the Selma Group of Cretaceous age. Most streams draining this region cease flowing during the dry season.

The Pontotoc Hills region is a narrow, rugged upland that has been deeply dissected by stream action into a series of elongated hills and valleys. The hills are underlain by deposits of the Ripley and Owl Creek Formations of Cretaceous age, and the Clayton Formation of Paleocene age. Base-flow yields to streams range from 0.02 to 0.2 $(ft^3/s)/mi^2$ in this region.

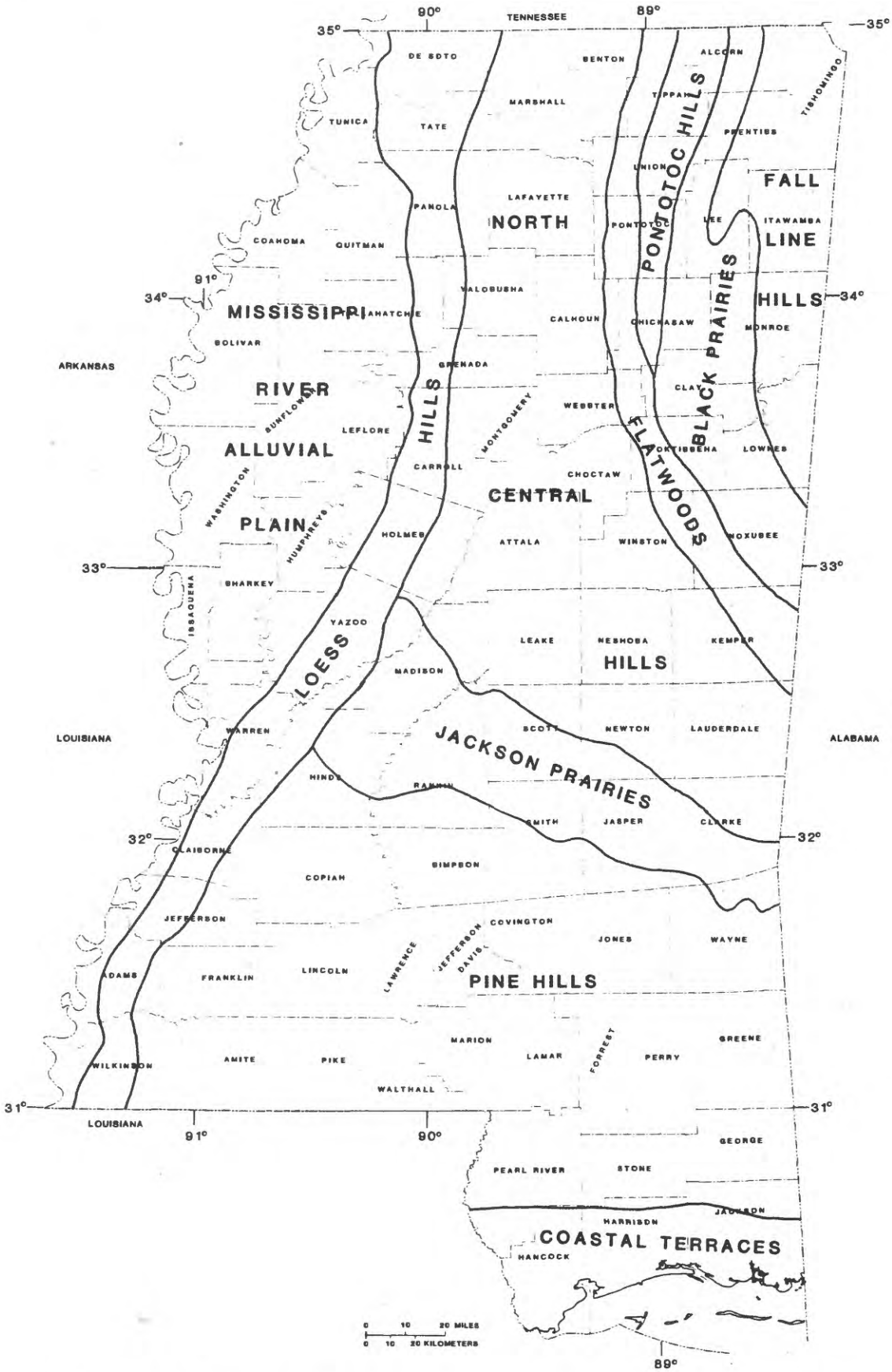

Figure 1.--Physiographic regions of Mississippi (modified from Fenneman, 1938).

The Flatwoods region is a narrow, flat to slightly rolling area underlain mainly by the Porters Creek Clay of Paleocene age. The stream valleys in this area are broad with low, flat divides. The impermeable Porters Creek Clay causes rapid runoff during storms and produces base-flow yield to streams of less than 0.1 $(ft^3/s)/mi^2$. Several large streams in this region receive little base flow and cease to flow during the dry months of most years.

The North Central Hills region is characterized by rolling hills that are deeply dissected by streams. Most of the region is underlain by unconsolidated sand and clay of the Wilcox and Claiborne Groups of Tertiary age. In the southeastern part of the region, outcrops of resistant siliceous sandstone and clay of the Tallahatta Formation of Tertiary age predominate. Base-flow yields ranging from 0.4 to 2.0 $(ft^3/s)/mi^2$ result from somewhat sandy surficial material in the northern part of the region. Yields less than 0.1 $(ft^3/s)/mi^2$ occur in the southern part of the region where the clay of the Tallahatta Formation is at the surface.

The Jackson Prairies region is a gently rolling area where large streams have broad valleys. The northern and western parts are underlain by clay of the Jackson Group, and southern parts are underlain by sandy marl and limestone of the Vicksburg Group, both of Tertiary age. The thick and impermeable clay of the Jackson Group produces streams with little or no base flow during the dry months. Streams draining the Vicksburg Group have slightly higher base flow but yields are less than 0.1 $(ft^3/s)/mi^2$.

The Pine Hills region is characterized by low, rounded dissected hills. Large streams have wide, flat valleys with swamps common in lowland areas adjacent to the streams. The region is underlain by alternating beds of clay, sandy clay, and sand of undifferentiated Miocene deposits and by gravel and sand of the Citronelle Formation of Pliocene age. Base-flow yields ranging from 1.0 to 2.0 $(ft^3/s)/mi^2$ are common in streams draining deposits of the Citronelle Formation, which are capable of storing large volumes of precipitation during wet periods and slowly releasing water to streams during dry periods. Additionally, springs at the base of the Citronelle Formation help maintain base flow in streams in this region. Base-flow yields less than 1.0 $(ft^3/s)/mi^2$ occur in areas where surficial geology is dominated by the less permeable clay of the Miocene deposits.

The Coastal Terraces region is a low, flat or slightly undulating plain along the Mississippi Gulf Coast underlain by coastal deposits of clay, loam, and sand and by gravel and sand of the Citronelle Formation. There are numerous swamps and marshes adjacent to the coast that extend inland along the streams that drain the coastal area. The water table is at or near the surface in this region and sluggish streams flow in tortuous channels.

Streams flowing from outcrops of the Citronelle Formation have substantial base flows. Base-flow yields for the region range from 0.1 to 0.4 $(ft^3/s)/mi^2$.

The Loess Hills region has steep slopes with narrow ridges and valleys. It is underlain by a thick deposit of Pleistocene loess (windblown silt) which decreases in thickness to the east. Low infiltration rates for the loess result in rapid runoff of storm water and in base-flow yields of less than 0.1 $(ft^3/s)/mi^2$ to streams.

The Mississippi River alluvial plain region is a flat expanse characterized by extremely sinuous stream courses, swamps, and poorly defined drainage divides. The region is underlain by highly permeable sandy Quaternary alluvium capped by a clay layer that averages about 20 ft in thickness. Low-flow characteristics for streams in this region were not estimated because the annual low-flow data exhibit a significantly decreasing trend with time (Telis, 1991). Increased ground-water withdrawals have caused regional ground-water declines averaging 4 ft during 1980-89 (G.D.S. Goldsmith, U.S. Geological Survey, oral commun., 1989) and have resulted in decreased ground-water discharge to streams. Prior to regional ground-water-level declines, larger streams that cut through the clay cap and drain the alluvium had sustained base flows, whereas small streams that had channels within the clay layer ceased flowing during the dry months.

TECHNIQUES FOR ESTIMATING 7-DAY, 10-YEAR LOW-FLOW CHARACTERISTICS FOR UNGAGED SITES ON MISSISSIPPI STREAMS

Multiple regression analyses of basin and climatic parameters commonly are used to provide equations for estimating discharges for selected recurrence intervals for ungaged sites. However, the use of multiple regression equations to estimate low-flow characteristics at ungaged sites often results in equations with unacceptably high standard errors of estimate. If a parameter that characterizes the geology of the basin is included in the regression analysis, standard errors of estimate often are greatly reduced. The use of a streamflow recession index (Bingham, 1986) or a flow-duration ratio (Arihood and Glatfelter, 1986), which might be used to characterize the geology of stream basins, was expected to improve the results of the regression analysis for streams in Mississippi. However, attempts to characterize basin geology using streamflow recession indices and flow-duration ratios and to divide the State into regions with similar recession indices or flow-duration ratios were unsuccessful because of the lack of gaging stations within small basins that drain areas of homogeneous geology. In addition, the multiple regression analyses resulted in only two statistically significant explanatory variables, drainage area and either the streamflow recession index or the flow-duration ratio. Because the low-flow characteristic (7Q10) was directly proportional to the drainage area, a map

delineating areas of similar streamflow recession indices or flow-duration ratios for the State was virtually equivalent to a map delineating areas with similar unit-7Q10 values. Therefore, use of a map showing geographic variation of unit 7Q10 was judged to be a more direct method for estimating low-flow characteristics at ungaged sites.

Alternative techniques were developed for estimating the 7Q10 for ungaged sites on Mississippi streams based on the availability of base-flow discharge data at the ungaged site, the proximity of gaged sites to the ungaged site, and the drainage area of the sites. Techniques are presented for: (1) ungaged sites with base-flow discharge measurements, (2) ungaged sites on gaged streams, and (3) ungaged sites on ungaged streams. Techniques based on discharge measurements at the ungaged site generally are the most accurate because the estimate of the 7Q10 is based directly on streamflow data at the site. In contrast, techniques for estimating the 7Q10 for ungaged sites on ungaged streams are the least accurate of those developed in this study because specific sites generally are not accurately represented by generalized or regional estimates.

Estimates of the 7Q10 for gaged sites on natural, unregulated, and non-tidal streams (Telis, 1991) are included in this report, and are used in the techniques for estimating the 7Q10 for ungaged sites with base-flow measurements and for ungaged sites on gaged streams. In addition, the geographic variation of unit 7Q10 for ungaged areas (plate 1) was developed, in part, from the unit-7Q10 values for the gaged basins in the State.

In this report, gaged sites, or gages, refer to continuous-record and partial-record gaging stations in Mississippi with low-flow characteristics reported by Telis (1991). Continuous-record streamflow gaging stations are those for which discharge data are collected at regular intervals (such as hourly). For this study, low-flow characteristics were computed based on the log-Pearson Type III distribution for continuous-record gaging stations that had periods of record of 10 years or more.

Low-flow partial-record stations are defined in this study to be either streamflow sites where several base-flow discharge measurements were made during several separate streamflow recessions or continuous-record gaging stations with less than 10 years of record. Low-flow characteristics for these partial-record gaging stations were computed by first correlating low-flow discharge measurements made at those stations with concurrent daily discharges at long-term continuous-record gaging stations. The relation is defined by the line of correlation determined from a technique known as MOVE.1, Maintenance of Variance Extension, Type I (Hirsch, 1982) or by a

graphically determined best-fit line described by Riggs (1969, p. 10). The low-flow characteristics at the partial-record stations were then determined through the correlation using the corresponding characteristics at the long-term stations.

For partial-record stations with several observations of zero flow, low-flow characteristics could not be estimated using correlation plots. If the flow at the partial-record station is zero when the concurrent flow at a nearby continuous-record gaging station is greater than the 7Q10 for that station, then the 7Q10 for the partial-record station was estimated to be zero.

Locations of the 493 gaged sites are shown on plate 1. The 7Q10 from the report by Telis (1991) for these gaged sites and estimates of error associated with the low-flow characteristics are presented in table 1, which also includes the station name, station location, type of station (continuous-record station or partial-record station), and drainage area at the site. For the estimation of errors of the 7Q10 for gaged sites, the State is divided into seven areas (fig. 2) for which regional estimates of error were determined. The area of each gaged site is indicated in table 1. To aid the user in locating gaged sites, the gages are listed alphabetically by station name in table 2.

Several methods were used to determine the estimates of error of the 7Q10 for gaged sites based on the method of computation of the low-flow characteristic. For 7Q10 values based on the log-Pearson Type III distribution, the time-sampling error computed by an equation developed by Kite (1988) provides an estimate of the standard error at the gage (Telis, 1991). For those gaged sites having annual 7-day low-flow values equal to zero and the 7Q10 computed to be zero, the time-sampling error could not be determined using the equation by Kite. The error of the 7Q10 at these gaged sites was not determined but is estimated to be approximately 1 percent.

For partial-record stations where the 7Q10 is based on a correlation using the MOVE.1 line, the standard errors of the low-flow characteristics are computed using the standard errors of prediction of the MOVE.1 line and the time-sampling errors for the correlated continuous-record gages (Telis, 1991). If the correlation for the partial-record station was based on a graphically determined best-fit line, an estimate of the error is based on the location of the site.

For each area delineated in figure 2, the errors of the 7Q10 for the partial-record gaging stations where the 7Q10 is based on the MOVE.1 line are plotted with the number of measurements at the site in figure 3. The regional estimate of error for each area was determined by using the trimmed mean (the lowest 5 percent and the highest 5 percent of the error values were excluded) and rounding it to one significant figure. The estimates of error of 7Q10 for the partial-record gaging stations where the 7Q10 is determined

EXPLANATION

AREA	MAJOR RIVER BASINS
A	Wolf River Yazoo River
B	Hatchie River Tennessee River Tombigbee River
C	Big Black River
D	Pearl River (upper basin)
E	Bayou Pierre Buffalo River Homochitto River
F	Pearl River (lower basin)
G	Escatawpa River Pascagoula River Sucarnoochee River

Mississippi River alluvial plain. Low-flow characteristics not determined

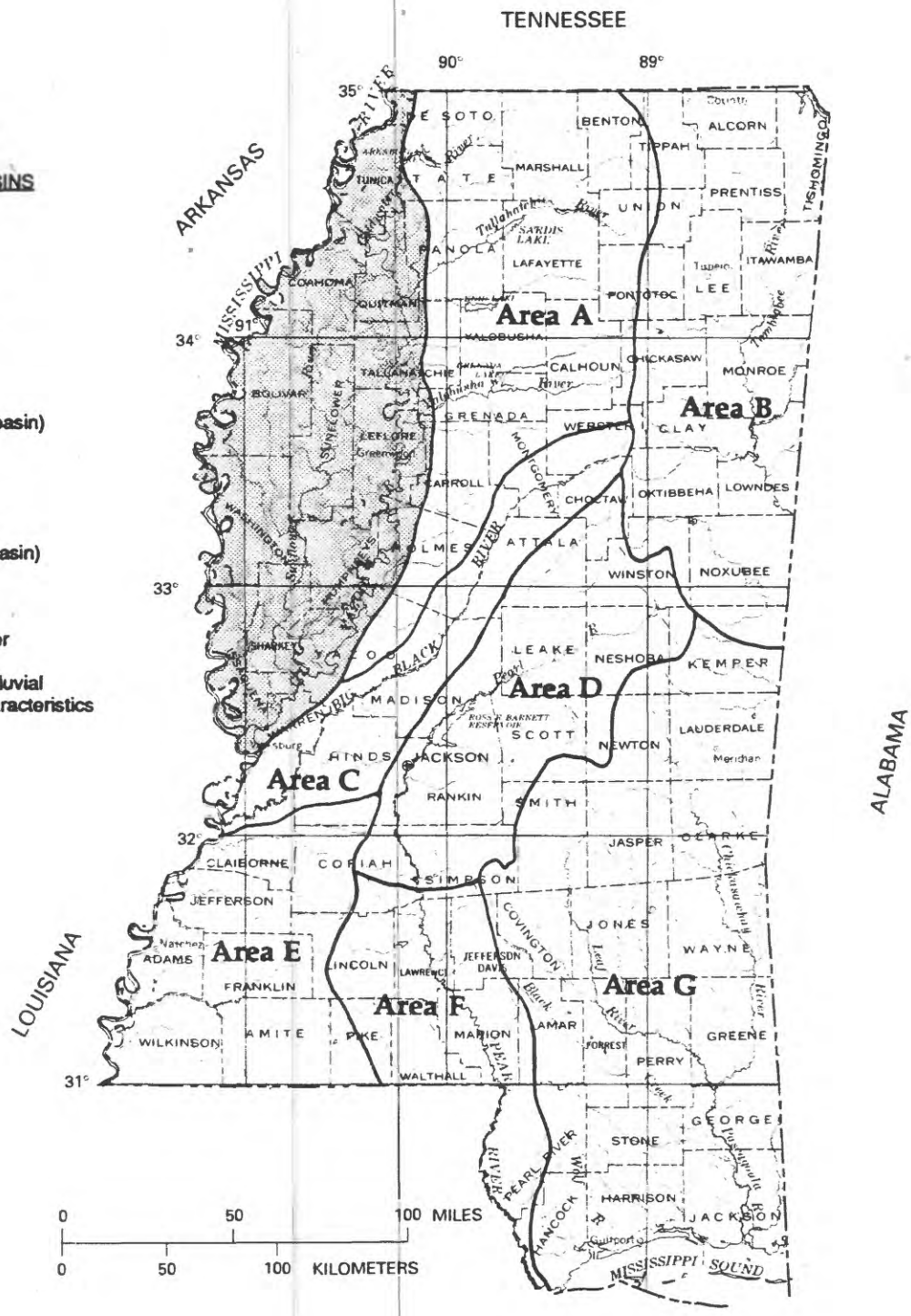

Figure 2.--Areas in Mississippi for which regional estimates of error of the 7Q10 were determined.

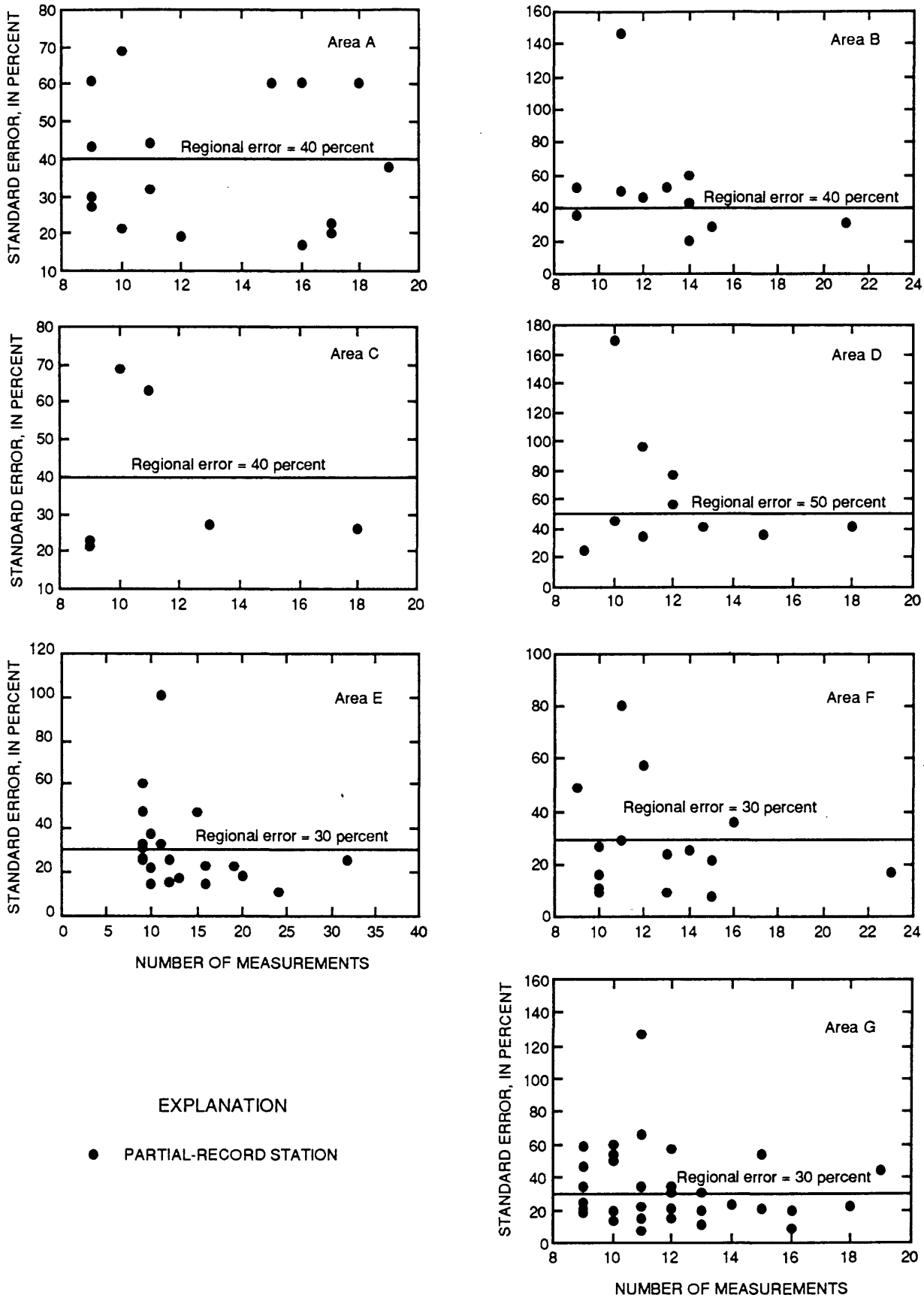

Figure 3.--Regional errors of the 7Q10 for partial-record stations located in areas delineated in figure 2.

graphically are based on these regional values. Errors at these stations are estimated to be some value greater than the regional error associated with the area. For example, the estimate of error of the graphically determined 7Q10 for a partial-record site located in the Pascagoula basin (in Area G) is greater than 30 percent.

For partial-record sites where no flow has been observed and when the flow at nearby gages is substantially greater than the 7Q10 flow, the estimate of the 7Q10 is almost certainly zero. The estimate of error of the 7Q10 for these partial-record sites was not determined but is estimated to be approximately 5 percent.

The errors of the 7Q10 for the gaged sites provide an estimate of the error of the estimated 7Q10 for the ungaged site. The error of the estimate of the 7Q10 for the ungaged site includes the time-sampling error at the gaged site used in the estimation technique in addition to the error associated with the technique. Errors associated with each technique were not determined in this study, but the error of the estimate of the 7Q10 at the ungaged site is some value greater than the time-sampling error for the gaged site. For the technique using the unit 7Q10 shown on Plate 1, the errors at nearby gaged sites provide a minimum error associated with the estimate of the 7Q10 for the ungaged site.

Ungaged Sites with Base-Flow Measurements

For an ungaged site where base-flow discharge measurements are available, the 7Q10 can be estimated by relating base-flow discharge data at the site with concurrent discharge data at a nearby gaged site (from table 1). For each base-flow measurement made at the ungaged site, a concurrent discharge value at the selected gage must be obtained. If the gage is a continuous-record gaging station currently operated by the U.S. Geological Survey or other agency, a daily mean discharge can be obtained from that agency. Otherwise, concurrent discharge measurements are needed at the gaged and ungaged sites.

Adherence to the following criteria for selecting the nearby gage and the hydrologic conditions during which base-flow discharge measurements are made improves the accuracy of the estimated 7Q10. The basin of the gaged site should be hydrologically similar to the basin of the ungaged site with respect to the size of drainage area, surficial geology, and topography. In addition, discharge measurements should be made after several days with no rain to ensure that streamflow does not contain surface runoff. Large basins may require a week or more without rain for surface runoff to cease and for the stream to return to base-flow conditions.

A graphical method may be used for ungaged sites with more than one base-flow measurement (Riggs, 1968). This method uses concurrent base-flow discharges at the gaged and ungaged sites and provides a graphical determination of the estimated 7Q10 for the ungaged site. Riggs (1968, p. 10) indicates that "eight to ten measurements made on different recessions and in more than one year should provide adequate data to define a relation" between two nearby streamflow sites. To determine the relation between flows at the two sites, the logarithms of the measured discharges at the ungaged site are plotted against the logarithms of the concurrent discharges at the gaged site (fig. 4). A graphically determined best-fit line through the data and the 7Q10 for the gaged site are used as the basis for estimating low-flow characteristics for the ungaged site.

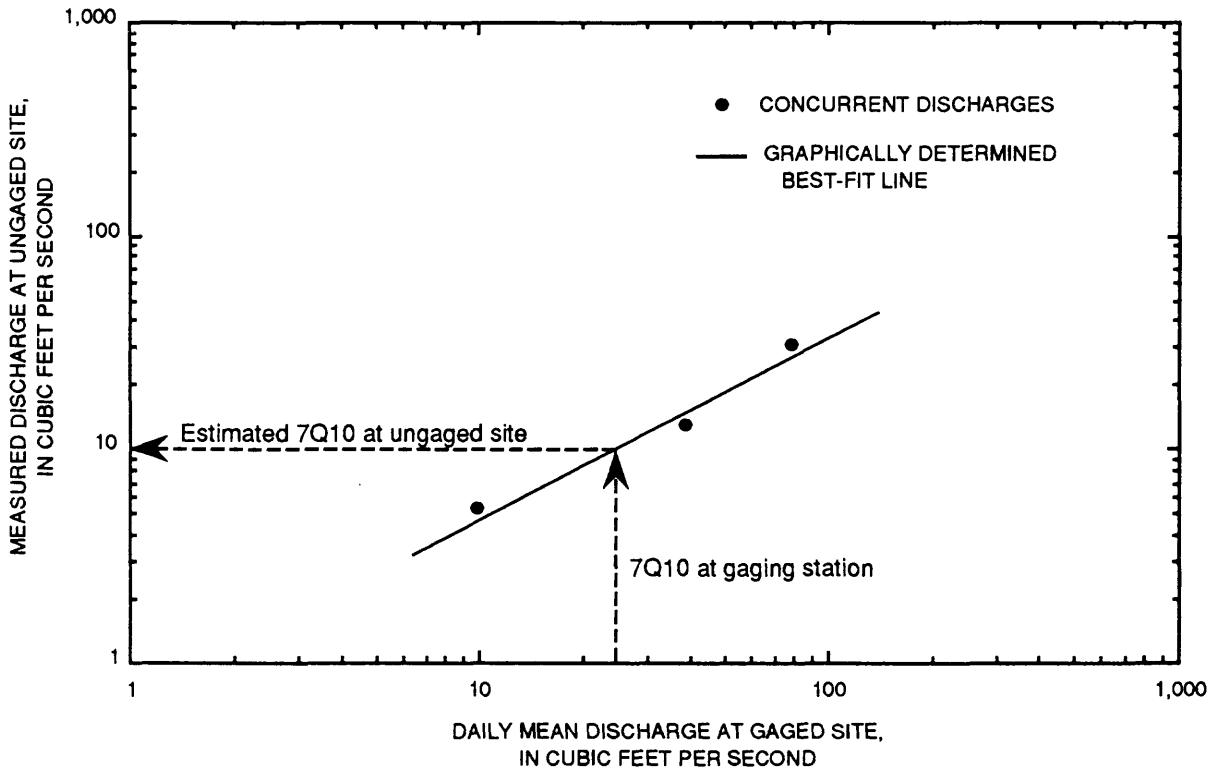

Figure 4.--Relation between base-flow discharge at an ungaged site and concurrent discharge at a nearby gaging station.

For ungaged sites with only one base-flow discharge measurement, the discharge-ratio method (Thomson and Carter, 1963) generally provides a good estimate of the 7Q10 for Mississippi streams. This method relates discharge data at the ungaged site to discharge data at a gaged site. The ratio of concurrent base flows at both sites is assumed to be equal to the ratio of the selected low-flow characteristics for the sites and can be used to estimate the 7Q10 for the ungaged site, as follows:

$$\frac{Q_0}{Q_1} = \frac{7Q10_0}{7Q10_1} \tag{1}$$

where:

Q_0	is the discharge, in ft^3/s, at the ungaged site during base-flow conditions;
Q_1	is the concurrent discharge, in ft^3/s, at a nearby gage;
$7Q10_0$	is the 7Q10, in ft^3/s, for the ungaged site; and
$7Q10_1$	is the 7Q10, in ft^3/s, for the gage from table 1.

The discharge-ratio method is based on the assumption that the base flow in a natural stream varies proportionally with the base flow in a nearby natural stream which drains a basin with similar topography and geology. Base flow in a stream varies proportionally if it decreased by 10 percent in the same period that the base flow decreased 10 percent in a nearby stream draining a hydrologically similar basin. Use of the discharge-ratio method to estimate low-flow characteristics for ungaged sites is based on the assumption that specific base-flow conditions, such as during 7Q10 conditions, occur concurrently in the basins.

Ungaged Sites on a Gaged Stream

If an ungaged site on a gaged stream has no base-flow discharge data available, its low-flow characteristics can be estimated from low-flow characteristics for a gaged site on the stream. Estimates of the 7Q10 for ungaged sites can be transferred from a gaged site on the basis of drainage area using the equation:

$$7Q10_0 = \left(\frac{A_0}{A_1}\right)^{1.0} 7Q10_1 \tag{2}$$

where

$7Q10_0$	is the 7Q10, in ft^3/s, for the ungaged site;
A_0	is the drainage area, in mi^2, at the ungaged site;
A_1	is the drainage area, in mi^2, at the gaged site; and
$7Q10_1$	is the 7Q10, in ft^3/s, for the gaged site.

This transfer equation was developed from pairs of gaged sites that are on the same stream and have 7Q10 values greater than zero. Data for 243 station pairs are listed in the Appendix and include the station numbers, the drainage area ratio (drainage area at the upstream site divided by drainage area at the downstream site), and the discharge ratio (7Q10 for the upstream site divided by 7Q10 for the downstream site) for each pair. The pairs for

which the discharge ratio either is less than 0.17, exceeds two times the corresponding drainage area ratio, or is less than half the corresponding drainage area ratio were not used to calibrate the discharge-drainage area relation. These pairs indicate that factors other than drainage area influence base-flow yields in the basin. For several of these pairs, the upstream site is near the point in the stream where the streamflow changes from flowing to dry during 7Q10 conditions. For other pairs, the upper parts of the basins are underlain with clays which result in low base-flow yields. Therefore, for both cases, the 7Q10 for the upstream site is unusually small compared to the 7Q10 for the downstream site where the factors affecting the low flows at the upstream site have less influence than at the downstream site.

A logarithmic regression of the discharge ratios and the drainage area ratios for 159 station pairs defines the discharge-drainage area relation in equation 2. For these stations pairs, the range of drainage area ratios is 0.19 to 0.99, and the range of discharge ratios is 0.17 to 0.99. The logarithms of the discharge ratio are plotted against the logarithms of the drainage area ratio in figure 5. The data points for station pairs not used in the analysis are indicated in this figure. The slope of the logarithmic regression line from figure 6 is the exponent of the drainage area ratio in equation 2 when the logarithmic equation is converted to a power-law equation. The exponent of the drainage area ratio computed for each station pair used in the regression is listed in the Appendix.

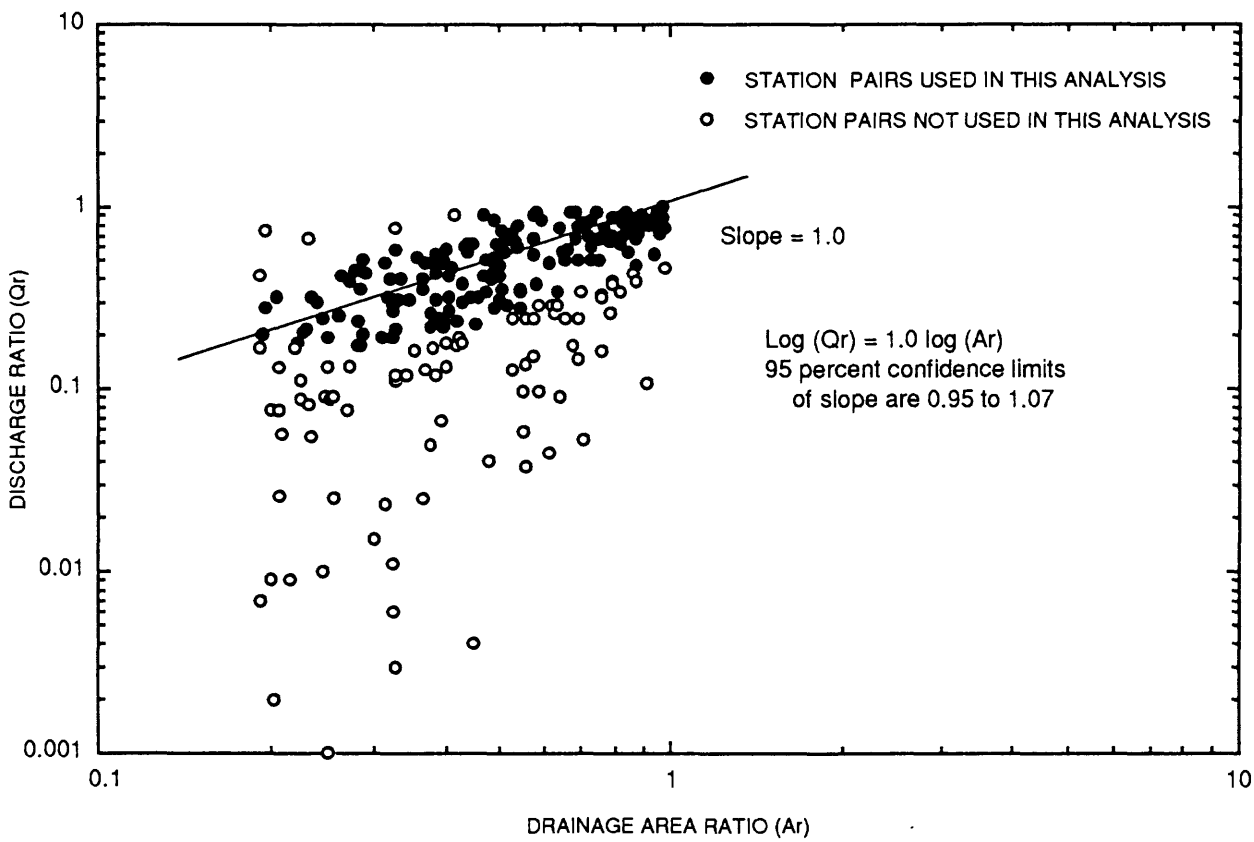

Figure 5.--Relation between discharge ratio and drainage-area ratio for station pairs on the same stream.

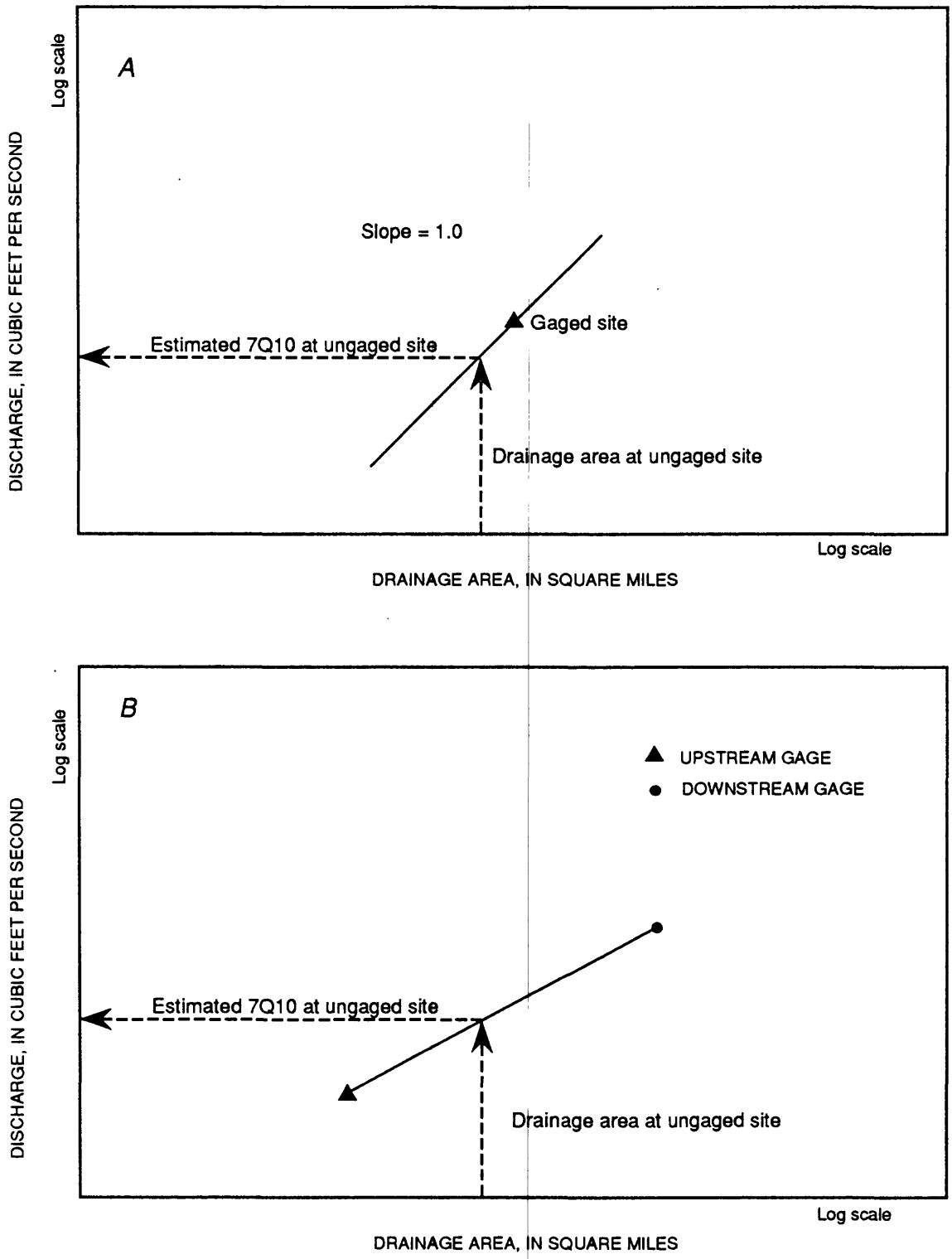

Figure 6.--Estimation of the 7Q10 for an ungaged site on a gaged stream: *A.* Drainage area proration for an ungaged site having a gaged site either upstream or downstream; *B.* Logarithmic interpolation for an ungaged site having gaged sites both upstream and downstream.

For an ungaged site having gaged sites both upstream and downstream, the 7Q10 can be estimated by logarithmically interpolating on the basis of drainage area between the estimates of the 7Q10 values for the gages (fig. 6) using the equation:

$$7Q10_0 = \left(\frac{A_0}{A_1}\right)^P 7Q10_1 \tag{3}$$

$$P = \frac{\log\left(\frac{7Q10_2}{7Q10_1}\right)}{\log\left(\frac{A_2}{A_1}\right)} \tag{4}$$

where

$7Q10_0$	is the 7Q10, in ft^3/s, for the ungaged site;
A_0	is the drainage area, in mi^2, at the ungaged site;
A_1	is the drainage area, in mi^2, at the upstream gaged site;
$7Q10_1$	is the 7Q10, in ft^3/s, for the upstream gaged site;
$7Q10_2$	is the 7Q10, in ft^3/s, for the downstream gaged site; and
A_2	is the drainage area, in mi^2, at the downstream gaged site.

Care should be taken when extrapolating the 7Q10 to an ungaged site on the basis of drainage area; however, it is reasonable to assume that estimates of the 7Q10 for ungaged sites are valid when transferred upstream and downstream a limited distance from the gaged site. If the underlying geology of the ungaged basin is different from that of the gaged basin or if the drainage area of the two sites is significantly different, this method of transferring low-flow characteristics might not be appropriate. In this case, base-flow discharge measurements might be used to identify differences in the basins and for estimating the 7Q10 for the ungaged site.

Ungaged Sites on an Ungaged Stream

The 7Q10 is estimated for ungaged sites on ungaged streams from unit-7Q10 values for the ungaged basins shown on plate 1. These unit-7Q10 values are based on the 7Q10 for nearby gaged sites and on the geology and topography of the ungaged basin. An estimate of the 7Q10 for the ungaged site is computed by multiplying the unit-7Q10 value for the basin by the drainage area for the site.

The map showing unit-7Q10 values for ungaged basins (plate 1) was developed for this study by first delineating the drainage basins for gages which have drainage areas less than 300 mi^2 from table 1. A 1:500,000 State map was used for delineation; therefore, approximate drainage boundaries

are shown. The area outside these gaged basins is considered to be the ungaged basins or areas in the State.

The estimates of unit-7Q10 were determined for these ungaged basins or areas. Unit 7Q10 was computed for nearby gaged basins for comparison. State and county geologic and topographic maps provided information about the potential base-flow yields in the area. Although this technique assumes the base-flow discharge per square mile of drainage area is uniform for basins, the streamflow yields actually may vary due to differences in surficial geology, topography, the degree of channel incisement, and other factors. Base-flow discharge data can provide information necessary for identifying these differences.

Main-stem streams in these ungaged areas may have gaged sites with drainage areas greater than 300 mi^2 (table 1). For ungaged sites on these main-stem gaged streams, the 7Q10 is estimated by transferring the 7Q10 for the gage to the ungaged site using equation 2 or equation 3 as described previously.

ASSUMPTIONS AND LIMITATIONS

The techniques described in this report are based on several important assumptions about the accuracy of the estimates of the 7Q10 for gages, the occurrence of the 7Q10 in a basin, the current hydrologic conditions in the basin, and the future climatic conditions.

Techniques for transferring the 7Q10 from gaged sites to ungaged sites and for estimating the 7Q10 from unit-7Q10 values on plate 1 are valid only for streams that flow during 7Q10 low-flow conditions. For gaged sites having the 7Q10 equal to zero in table 1, it is assumed that all stream reaches upstream cease flowing during 7Q10 conditions.

In addition, the 7Q10 is assumed to occur simultaneously at all sites in the basin. However, a reach of stream approaches 7Q10 conditions as a result of some combination of regional and local factors; therefore, this assumption probably is not valid for all sites in a basin.

For frequency analyses, the assumption is that hydrologic and climatic conditions in the past are characteristic of the current and future conditions; that is, these conditions are not changing with time. However, ongoing urbanization, which reduces infiltration rates, and large-scale ground-water pumping, which reduces ground-water levels in surficial aquifers, are examples of changing factors that result in decreased ground-water discharge to streams. Similarly, channelization can increase ground-water discharge to streams. Natural, long-term changes in climate would similarly violate the assumptions required for frequency analyses. Knowledge of past conditions and potential changes in the basin or of climate changes may provide

additional insight into the accuracy of low-flow characteristics estimated using the techniques in this report.

The techniques may be used only for natural, unregulated or partially regulated, and non-tidal streams outside the Mississippi River alluvial plain. The techniques for transferring the 7Q10 from gaged sites to ungaged sites are not considered to be representative for basins outside the range of characteristics used for developing the techniques.

SUMMARY

Mississippi State water laws require that the 7-day, 10-year low-flow characteristic of streams be used as a criterion for issuing waste-discharge permits to dischargers and for limiting withdrawals of water from streams. This report presents techniques for estimating the 7Q10 for ungaged sites on streams in Mississippi based on the availability of base-flow discharge measurements at the ungaged site, location of nearby gaged sites on the same stream, and drainage area of the ungaged site. These techniques may be used to estimate the 7Q10 at sites on natural, unregulated or partially regulated, and non-tidal streams. Low-flow characteristics for streams in the Mississippi River alluvial plain were not estimated because the annual low-flow data exhibit decreasing trends with time.

For ungaged sites with base-flow discharge measurements, the base-flow discharge data are related to concurrent discharge data at a selected gaged site. If more than one base-flow measurement is available, concurrent base-flow discharges at the ungaged site and at the gaged site can be used to determine graphically the 7Q10 for the ungaged site from the 7Q10 at the gaged site. If only one base-flow measurement is available, the discharge-ratio method is used to estimate the 7Q10 for the ungaged site. The discharge-ratio method is based on the assumption that the ratio of concurrent base flows at the ungaged site and at a selected gaged site is equal to the ratio of the 7Q10 for the sites. These techniques are generally more accurate than other methods of estimating the 7Q10 for an ungaged site because they are based directly on streamflow data at the site.

For ungaged sites on gaged streams, several methods of transferring the 7Q10 from a gaged site to an ungaged site were developed. The resulting estimates are based on drainage area prorations between the sites.

For ungaged sites on ungaged streams, the 7Q10 is estimated by multiplying the drainage area at the site by the unit-7Q10 values shown on a map in this report. The mapped values of unit-7Q10 are based on base-flow data for nearby gaged basins and the geology and topography of the ungaged basins. This method is the least accurate of those developed in this study.

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Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations

[Ref. no., reference number, refers to identification number on plate 1; Area refers to the location of the gaging station in figure 2; Station type refers to type of gaging station (C, continuous-record gaging station; p, partial-record gaging station); 7Q10, 7-day, 10-year low-flow characteristic; Error refers to the accuracy associated with estimates of 7Q10; mi, miles; mi^2, square miles; ft^3/s, cubic feet per second; %, percent; >, greater than]

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
1	02429900 Big Brown Creek near Booneville, MS	Lat. 34°37'07", long. 88°26'42", in NE¼ sec.27, T.5 S., R.8 E., Chickasaw Meridian, Prentiss County, Hydrologic Unit 03160101, on county highway, 7.3 mi east of Booneville.	27.1	B	C	0.2	20
2	02429949 Little Brown Creek near New Site, MS	Lat. 34°32'14", long. 88°24'02", in NW¼ sec.30, T.6 S., R.9 E., Chickasaw Meridian, Prentiss County, Hydrologic Unit 03160101, on State Highway 4, 1.8 mi southwest of New Site.	42.2	B	C	4.6	10
3	02429980 Pollard Mill Branch at Paden, MS	Lat. 34°39'10", long. 88°15'00", in SE¼ sec.9, T.5 S., R.10 E., Chickasaw Meridian, Tishomingo County, Hydrologic Unit 03160101, on State Highway 30, 0.8 mi east of Paden.	2.01	B	C	2.1	6
4	02430038 Rock Creek near Belmont, MS	Lat. 34°31'11", long. 88°16'12", in NW¼ sec.32, T.6 S., R.10 E., Chickasaw Meridian, Tishomingo County, Hydrologic Unit 03160101, on county road, 3.6 mi west of Belmont.	8.98	B	P	0.7	35

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
5	02430085 Red Bud Creek near Moores Mill, MS	Lat. 34°28'00", long. 88°17'00", in SE¼ sec.18, T.7 S., R.10 E., Chickasaw Meridian, Tishomingo County, Hydrologic Unit 03160101, on county road, 2.7 mi east-southeast of Moores Mill.	15.7	B	C	1.7	16
6	02430615 Mud Creek near Fairview, MS	Lat. 34°23'32", long. 88°21'17", in NE¼ sec.16, T.8 S., R.9 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, on county road, 3.0 mi northwest of Fairview.	11.1	B	C	1.9	13
7	02430680 Twentymile Creek near Guntown, MS	Lat. 34°37'11", long. 88°34'37", in SW¼ sec.21, T.7 S., R.7 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160101, on county road, 4.7 mi east of Guntown.	131	B	P	0.2	>40
8	02430690 Twentymile Creek near Mantachie, MS	Lat. 34°23'09", long. 88°27'39", in NE¼ sec.16, T.8 S., R.8 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, on State Highway 371, 4.6 mi north of Mantachie.	150	B	P	0.3	52
9	02430880 Cummings Creek near Fulton, MS	Lat. 34°18'16", long. 88°22'16", in NE¼ sec.17, T.9 S., R.9 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, on county road, 3.2 mi northeast of Fulton.	19.1	B	C	5.1	8

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
10	02431400 Mantachie Creek at Dorsey, MS	Lat. 34°15'07", long. 88°28'33", in SE¼ sec.32, T.9 S., R.8 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, on U.S. Highway 78, 0.5 mi east of Dorsey.	61.6	B	P	0.8	28
11	02432500 Bull Mountain Creek at Tremont, MS	Lat. 34°14'20", long. 88°16'15", in SW¼ sec.5, T.10, S., R.10 E., Chickasaw Meridian, Itawamba County, Hydrologic unit 03160101, on U.S. Highway 78, 0.7 mi northwest of Tremont.	136	B	C	9.6	12
12	02433000 Bull Mountain Creek near Smithville, MS	Lat. 34°05'18", long. 88°23'26", in SE¼ sec.30, T.11 S., R.9 E., Chickasaw Meridian, Itawamba County, Hydrologic Unit 03160101, on State Highway 25, 1.1 mi north of Smithville.	336	B	C	30	8
13	02433530 Burkett Creek at Amory, MS	Lat. 33°59'42", long. 88°29'27", in NW¼ sec.25, T.12 S., R.19 W., Huntsville Meridian, Monroe County, Hydrologic Unit 03160101, on State Highway 25, 0.5 mi north of Amory.	6.60	B	P	0.1	147
14	02434000 Town Creek at Tupelo, MS	Lat. 34°17'39", long. 88°42'32", in SE¼ sec.18, T.9 S., R.6 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, on U.S. Highway 45, 0.5 mi north of Tupelo.	111	B	C	0	(a)

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
15	02434250 Tishomingo Creek near Saltillo, MS	Lat. 34°24'36", long. 88°45'00", in NW¼ sec.11, T.8 S., R.5 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, on county road, 4.5 mi northwest of Saltillo.	30.1	B	P	0	(a)
16	02434500 Euclautubba Creek at Saltillo, MS	Lat. 34°22'20", long. 88°42'00", in NW¼ sec.20, T.8 S., R.6 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, on U.S. Highway 45, 0.8 mi west of Saltillo.	19.1	B	C	0	(a)
17	02435000 Mud Creek at Tupelo, MS	Lat. 34°15'25", long. 88°41'05", in NE¼ sec.32, T.9 S., R.6 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, on U.S. Highway 78, 0.8 mi east of Tupelo.	99.5	B	P	0.2	50
18	02435020 Town Creek at Eason Boulevard at Tupelo, MS	Lat. 34°14'08", long. 88°41'43", on line between secs.5 and 8, T.10 S., R.6 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, on Eason Bulevard, at Tupelo.	233	B	C	1.2	15
19	02435500 Town Creek near Verona, MS	Lat. 34°11'24", long. 88°40'47", in SW¼ sec.21, T.10 S., R.6 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, on county road, 2.2 mi east of Verona.	271	B	P	1.7	30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
20	02435600 Little Coonewar Creek near Tupelo, MS	Lat. 34°15'50", long. 88°47'23", in NE¼ sec.32, T.9 S., R.5 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, on county road, 4.0 mi west of Tupelo.	6.47	B	P	0	(a)
21	02435700 Little Coonewar Creek near Tupelo, MS	Lat. 34°14'52", long. 88°46'37", in NE¼ sec.4, T.10 S., R.5 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, on State Highway 6, 3.2 mi southwest of Tupelo.	9.09	B	P	0	(a)
22	02435800 Coonewah Creek at Shannon, MS	Lat. 34°08'23", long. 88°43'12", in SE¼ sec.12, T.11 S., R.5 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, on U.S. Highway 45, 1.0 mi north of Shannon.	53.1	B	P	0	(a)
23	02435900 Calloway Creek near Pontotoc, MS	Lat. 34°11'16", long. 88°57'50", in NW¼ sec.26, T.10 S., R.3 E., Chickasaw Meridian, Pontotoc County, Hydrologic Unit 03160102, on State Highway 41, 4.8 mi southeast of Pontotoc.	7.92	B	P	0.7	>40
24	02435980 Chiwapa Creek at Natchez Trace near Shannon, MS	Lat. 34°09'57", long. 88°48'39", in SE¼ sec.31, T.10 S., R.5 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, on Natchez Trace Parkway, 6.2 mi northwest of Shannon.	114	B	P	1.0	>40

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
25	02436000 Chiwapa Creek at Shannon, MS	Lat. 34°06'35", long. 88°43'20", in SE¼ sec.24, T.11 S., R.5 E., Chickasaw Meridian, Lee County, Hydrologic Unit 03160102, on U.S. Highway 45W, at Shannon.	145	B	C	1.5	21
26	02436300 Tallabinnela Creek near Okolona, MS	Lat. 34°02'41", long. 88°44'41", in SE¼ sec.11, T.12 S., R.5 E., Chickasaw Meridian, Chickasaw County, Hydrologic Unit 03160102, on U.S. Highway 45W, 2.0 mi north of Okolona.	33.5	B	P	0	(a)
27	02436500 Town Creek near Nettleton, MS	Lat. 34°03'32", long. 88°37'40", in NW¼ sec.12, T.12 S., R.6 E., Chickasaw Meridian, Monroe County, Hydrologic Unit 03160102, on U.S. Highway 45, 2.1 mi south of Nettleton.	620	B	C	4.6	13
28	02437300 Matubby Creek near Aberdeen, MS	Lat. 33°52'12", long. 88°36'00", in SE¼ sec.7, T.14 S., R.7 E., Chickasaw Meridian, Monroe County, Hydrologic Unit 03160101, on U.S. Highway 45, 4.0 mi northeast of Aberdeen.	92.2	B	P	0	(a)
29	02437600 James Creek at Aberdeen, MS	Lat. 33°48'35", long. 88°34'12", in SE¼ sec.33, T.14 S., R.7 E., Chickasaw Meridian, Monroe County, Hydrologic Unit 03160101, on State Highway 25, 0.8 mi southeast of Aberdeen.	28.4	B	P	0	(a)

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
30	02439333 Sipsey Creek near Splunge, MS	Lat. 33°56'56", long. 88°15'14", in SE¼ sec.7, T.13 S., R.16 W., Huntsville Meridian, Monroe County, Hydrologic Unit 03160103, on county road, 1.4 mi southeast of Splunge.	212	B	P	9.1	>40
31	02439400 Buttahatchee River near Aberdeen, MS	Lat. 33°47'24", long 88°18'53", in NW¼ sec.3, T.15 S., R.17 W., Huntsville Meridian, Monroe County, Hydrologic Unit 03160103, on county highway, 10.0 mi downstream from Sipsey Creek.	799	B	C	117	7
32	02439600 Buttahatchee River near Kolola Springs, MS	Lat. 33°40'22", long. 88°25'44", in SW¼ sec.16, T.16 S., R.18 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160103, on U.S. Highway 45, 2.0 mi northwest of Kolola Springs.	855	B	P	120	>40
33	02439980 Chuquatonchee Creek near Okolona, MS	Lat. 34°00'00", long. 88°52'48", in NE¼ sec.33, T.12 S., R.4 E., Chickasaw Meridian, Chickasaw County, Hydrologic Unit 03160104, on State Highway 32, 7.5 mi west of Okolona.	68.5	B	P	0	(a)
34	02440000 Chuquatonchee Creek near Egypt, MS	Lat. 33°50'24", long. 88°45'40", in NE¼ sec.27, T.14 S., R.5 E., Chickasaw Meridian, Chickasaw County, Hydrologic Unit 03160104, on State Highway 8, 4.5 mi southwest of Egypt.	167	B	C	0	(a)

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
35	02440250 Houlka Creek near Trebloc, MS	Lat. 33°50'31", long. 88°55'55", in SE¼ sec.24, T.14 S., R.3 E., Chickasaw Meridian, Chickasaw County, Hydrologic Unit 03160104, on State Highway 8, 6.0 mi west of Trebloc.	72.6	B	P	0	(a)
36	02440400 Houlka Creek near McCondy, MS	Lat. 33°46'47", long. 88°51'00", in SW¼ sec.11, T.15 S., R.4 E., Chickasaw Meridian, Clay County, Hydrologic Unit 03160104, on State Highway 47, 2.8 mi south of McCondy.	189	B	P	0	(a)
37	02440500 Chuquatonchee Creek near West Point, MS	Lat. 33°36'25", long. 88°42'30", in NE¼ sec.18, T.17 S., R.6 E., Chickasaw Meridian, Clay County, Hydrologic Unit 03160104, on State Highway 50, 3.0 mi west of West Point.	505	B	C	0	(a)
38	02440700 Line Creek near Cedar Bluff, MS	Lat. 33°35'31", long. 88°49'08", in NE¼ sec.22, T.20 N., R.14 E., Chickasaw Meridian, Clay County, Hydrologic Unit 03160104, on State Highway 50, 0.7 mi northeast of Cedar Bluff.	168	B	P	0	(a)
39	02440800 Trim Cane Creek near Starkville, MS	Lat. 33°28'12", long. 88°54'36", in W½ sec.35, T.19 N., R.13 E., Choctaw Meridian, Oktibbeha County, Hydrologic Unit 03160104, on U.S. Highway 82, 6.0 mi west of Starkville.	44.9	B	P	0	(a)

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
40	02441300 Catalpa Creek at Mayhew, MS	Lat. 33°28'48", long. 88°37'48", in SW¼ sec.28, T.19 N., R.16 E., Choctaw Meridian, Lowndes County, Hydrologic Unit 03160104, on U.S. Highway 82, 0.5 mi east of Mayhew.	98.0	B	P	0	(a)
41	02443000 Luxapallila Creek at Steens, MS	Lat. 33°33'35", long. 88°18'55", in NE¼ sec.27, T.17 S., R.17 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160105, on county road, 0.2 mi southeast of Steens.	309	B	C	36	10
42	02443500 Luxapallila Creek near Columbus, MS	Lat. 33°30'50", long. 88°23'44", in SW¼ sec.11, T.18 S., R.18 W., Huntsville Meridian, Lowndes County, Hydrologic Unit 03160105, at Columbus Water Works pumping plant, at Columbus.	715	B	C	59	9
43	02443710 Cedar Creek near Trinity, MS	Lat. 33°20'20", long. 88°26'27", in SW¼ sec.17, T.17 N., R.18 E., Choctaw Meridian, Lowndes County, Hydrologic Unit 03160106, on county road, 1.4 mi southeast of Trinity.	11.5	B	P	0	(a)
44	02447200 Noxubee River near Louisville, MS	Lat. 33°17'02", long. 88°53'56", in NE¼ sec.6, T.16 N., R.14 E., Choctaw Meridian, Winston County, Hydrologic Unit 03160108, on State Highway 25, 14 mi northeast of Louisville.	180	B	P	0	(a)

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
45	02447500 Noxubee River near Brooksville, MS	Lat. 33°13'12", long. 88°41'59", in NW¼ sec.19, T.16 N., R.16 E., Choctaw Meridian, Noxubee County, Hydrologic Unit 03160108, on county road, 7.0 mi west of Brooksville.	446	B	C	0[b]	(a)
46	02447800 Hashuqua Creek near Macon, MS	Lat. 33°05'59", long. 88°40'47", in SE¼ sec.32, T.15 N., R.16 E., Choctaw Meridian, Noxubee County, Hydrologic Unit 03160108, on State Highway 14, 7.6 mi west of Macon.	96.2	B	P	31	20
47	02448000 Noxubee River at Macon, MS	Lat. 33°06'08", long. 88°33'40", in NE¼ sec.4, T.14 N., R.17 E., Choctaw Meridian, Noxubee County, Hydrologic Unit 03160108, on U.S. Highway 45, at Macon.	768	B	C	32[c]	9
48	02448200 Macedonia Creek at Macon, MS	Lat. 33°02'13", long. 88°33'46", in SE¼ sec.28, T.14 N., R.17 E., Choctaw Meridian, Noxubee County, Hydrologic Unit 03160108, on U.S. Highway 45, 3.7 mi south of Macon.	52.4	B	P	2.9	53
49	02448340 Wahalak Creek near Willington, MS	Lat. 32°54'39", long. 88°27'53", in NW¼ sec.9, T.12 N., R.18 E., Choctaw Meridian, Kemper County, Hydrologic Unit 03160108, on county road, 3.5 mi northwest of Willington.	52.6	B	P	0	(a)

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
50	02448500 Noxubee River near Geiger, AL	Lat. 32°55'57", long. 88°17'52", in NE¼ sec.33, T.23 N., R.3 W., Choctaw Meridian, Sumter County, Hydrologic Unit 03160108, on State Highway 17, 5.0 mi north of Geiger.	1,097	B	C	34[d]	10
51	02448600 Scooba Creek near Scooba, MS	Lat. 32°47'56", long. 88°27'21", in SE¼ sec.16, T.11 N., R.18 E., Choctaw Meridian, Kemper County, Hydrologic Unit 03160108, on U.S. Highway 45, 2.1 mi south of Scooba.	22.6	B	P	0	(a)
52	02467200 Sucarnoochee River near Porterville, MS	Lat. 33°06'19", long. 90°03'12", in SE¼ sec.19, T.10 N., R.18 E., Choctaw Meridian, Kemper County, Hydrologic Unit 03160202, on U.S. Highway 45, 1.0 mi northwest of Porterville.	135	G	P	19	21
53	02467244 Pawticfaw Creek near Cullum, MS	Lat. 32°39'46", long. 88°38'45", in NE¼ sec.3, T.9 N., R.16 E., Choctaw Meridian, Kemper County, Hydrologic Unit 03160202, on county road, 2.4 mi northwest of Cullum.	38.9	G	P	4.7	>30
54	02467250 Yazoo Creek near Kipling, MS	Lat. 32°40'48", long. 88°38'56", in SW¼ sec.27, T.10 N., R.16 E., Choctaw Meridian, Kemper County, Hydrologic Unit 03160202, on county road, 0.4 mi north of Kipling.	16.6	G	P	6.0	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
55	02467300 Pawticfaw Creek near Porterville, MS	Lat. 32°38'41", long. 88°29'49", in NW¼ sec.7, T.9 N., R.18 E., Choctaw Meridian, Kemper County, Hydrological Unit 03160202, on U.S. Highway 45, 3.5 mi southwest of Porterville.	98.1	G	P	22	>30
56	02467400 Blackwater Creek near Porterville, MS	Lat. 32°38'38", long. 88°29'49", in NW¼ sec.7, T.9 N., R.18 E., Choctaw Meridian, Kemper County, Hydrological Unit 03160202, on U.S. Highway 45, 3.6 mi south of Porterville.	56.6	G	P	11	>30
57	02467450 Ponta Creek at Lauderdale, MS	Lat. 32°31'47", long. 88°30'43", in NW¼ sec.24, T.8 N., R.17 E., Choctaw Meridian, Lauderdale County, Hydrologic Unit 03160202, on U.S. Highway 45, 0.5 mi north of Lauderdale.	64.6	G	P	6.8	>30
58	02467500 Sucarnoochee River at Livingston, AL	Lat. 31°34'25", long. 88°11'36", in SW¼ sec.33, T.19 N., R.2 W., Choctaw Meridian, Sumter County, Hydrologic Unit 03160202, on U.S. Highway 11, 0.8 mi southwest of Livingston.	607	G	C	68	8
59	02468000 Alamuchee Creek near Cuba, AL	Lat. 32°26'22", long. 88°20'31", in NE¼ sec.24, T.17 N., R.4 W., Choctaw Meridian, Sumter County, Hydrologic Unit 03160202, on U.S. Highway 80, 2.5 mi northeast of Cuba.	62.3	G	C	3.2	11

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
60	02471100 Leaf River near Raleigh, MS	Lat. 32°00'36", long. 89°25'47", in NW¼ sec.13, T.2 N., R.8 E., Choctaw Meridian, Smith County, Hydrologic Unit 03170004, on State Highway 18, 6 mi east of Raleigh.	143	G	P	0.5	>30
61	02471150 Ichusa Creek near Sylvarena, MS	Lat. 32°00'43", long. 89°23'59", in NW¼ sec.17, T.2 N., R.9 E., Choctaw Meridian, Smith County, Hydrologic Unit 03170004, on State Highway 18, 1.2 mi west of Sylvarena.	46.3	G	P	0.05	>30
62	02471200 West Tallahala Creek near Sylvarena, MS	Lat. 31°59'49", long. 89°21'32", in NE¼ sec.22, T.2 N., R.9 E., Choctaw Meridian, Smith County, Hydrologic Unit 03170004, on State Highway 18, 2.0 mi southeast of Sylvarena.	149	G	P	0.1	127
63	02471250 Leaf River near Taylorsville, MS	Lat. 31°49'40", long. 89°24'25", in SE¼ sec.16, T.10 N., R.14 W., St. Stephens Meridian, Smith County, Hydrologic Unit 03170004, on State Highway 28, 1.1 mi east of Taylorsville.	459	G	P	20	18
64	02471400 Oakohay Creek near Raleigh, MS	Lat. 32°02'49", long. 89°34'15", in NW¼ sec.3, T.2 N., R.7 E., Choctaw Meridian, Smith County, Hydrologic Unit 03170004, on State Highway 18, 3.0 miles west of Raleigh.	60.9	G	P	<0.05	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
65	02471500 Oakohay Creek at Mize, MS	Lat. 31°52'11", long. 89°32'49", in NW¼ sec.6, T.10 N., R.15 W., St. Stephens Meridian, Smith County, Hydrologic Unit 03170004, on State Highway 28, 0.4 mi east of Mize.	185	G	P	14	22
66	02471900 Oakohay Creek at Hot Coffee, MS	Lat. 31°44'31", long. 89°26'34", in SE¼ sec.18, T.9 N., R.14 W., St. Stephens Meridian, Covington County, Hydrologic Unit 03170004, on State Highway 37, at Hot Coffee.	244	G	P	41	>30
67	02472000 Leaf River near Collins, MS	Lat. 31°42'25", long. 89°24'25", in NE¼ sec.33, T.9 N., R.14 W., St. Stephens Meridian, Covington County, Hydrologic Unit 03170004, on U.S. Highway 84, 9.5 mi northeast of Collins.	743	G	C	72	6
68	02472100 Big Creek near Laurel, MS	Lat. 31°40'55", long. 89°18'43", in SW¼ sec.4, T.8 N., R.13 W., St. Stephens Meridian, Jones County, Hydrologic Unit 03170004, on U.S. Highway 84, 10 mi west of Laurel.	102	G	P	15	14
69	02472170 Leaf River near Ellisville, MS	Lat. 31°37'08", long. 89°19'37", in NW¼ sec.32, T.8 N., T.13 W., St. Stephens Meridian, Jones County, Hydrologic Unit 03170004, on State Highway 588, 8.0 mi west of Ellisville.	896	G	P	105	7

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
70	02472200 Oakey Woods Creek near Collins, MS	Lat. 31°41'02", long. 89°27'50", in SE¼ sec.1, T.8 N., R.15 W., St. Stephens Meridian, Covington County, Hydrologic Unit 03170004, on U.S. Highway 84, 6.0 mi northeast of Collins.	14.4	G	P	0.8	57
71	02472300 Station Creek near Collins, MS	Lat. 31°39'57", long. 89°30'25", in NE¼ sec.16, T.8 N., R.15 W., St. Stephens Meridian, Covington County, Hydrologic Unit 03170004, on U.S. Highway 84, 3.1 mi northeast of Collins.	6.40	G	P	0.6	60
72	02472370 Leaf River at Moselle, MS	Lat. 31°30'00", long. 89°18'32", in NW¼ sec.9, T.6 N., R.13 W., St. Stephens Meridian, Jones County, Hydrologic Unit 03170004, on U.S. Highway 59, 2.0 mi west of Moselle.	1,017	G	P	140	>30
73	02472380 Bowie Creek near Prentiss, MS	Lat. 31°38'31", long. 89°45'14", in SW¼ sec.19, T.8 N., R.17 W., St. Stephens Meridian, Covington County, Hydrologic Unit 03170004, on U.S. Highway 84, 7.0 mi northeast of Prentiss.	61.7	G	P	31	>30
74	02472500 Bowie Creek near Hattiesburg, MS	Lat. 31°25'32", long 89°24'53", in SW¼ sec.4, T.5 N., R.14 W., St. Stephens Meridian, Forrest County, Hydrologic Unit 03170004, on U.S. Highway 49, 10.2 mi northwest of Hattiesburg.	304	G	C	100	4

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
75	02472600 Okatoma Creek at Mount Olive, MS	Lat. 31°45'43", long. 89°38'42", in NW¼ sec.7, T.9 N., R.16 W., St. Stephens Meridian, Covington County, Hydrologic Unit 03170004, on State Highway 35, 0.5 mi east of Mount Olive.	99.3	G	P	39	15
76	02472800 Okatoma Creek at Collins, MS	Lat. 31°38'56", long. 89°33'07", in NW¼ sec.19, T.8 N., R.15 W., St. Stephens Meridian, Covington County, Hydrologic Unit 03170004, on U.S. Highway 84, at Collins.	168	G	P	45	9
77	02472850 Okatoma Creek at Sanford, MS	Lat. 31°29'20", long. 89°26'02", in NW¼ sec.17, T.6 N., R.14 W., St. Stephens Meridian, Covington County, Hydrologic Unit 03170004, on State Highway 598, 0.2 mi west of Sanford.	257	G	P	90	>30
78	02472900 Big Creek near Hattiesburg, MS	Lat. 31°23'20", long. 89°22'33", in NW¼ sec.23, T.5 N., R.14 W., St. Stephens Meridian, Forrest County, Hydrologic Unit 03170004, on U.S. Highway 49, 5.5 mi northwest of Hattiesburg.	31.9	G	P	2.0	>30
79	02472940 Bowie Creek near Hattiesburg, MS	Lat. 31°22'01", long. 89°20'09", in SE¼ sec.30. T.5 N., T.13 W., St. Stephens Meridian, Forrest County, Hydrologic Unit 03170004, on U.S. Highway 59, 2.5 mi north of Hattiesburg.	646	G	P	182	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
80	02473000 Leaf River at Hattiesburg, MS	Lat. 31°20'33", long. 89°16'46", in NW¼ sec.2, T.4 N., R.13 W., St. Stephens Meridian, Forrest County, Hydrologic Unit 03170005, on U.S. Highway 11, at Hattiesburg.	1,748	G	C	374	6
81	02473320 Leaf River near McCallum, MS	Lat. 31°14'38", long. 89°11'38", in NW¼ sec.10, T.3 N., R.12 W., St. Stephens Meridian, Forrest County, Hydrologic Unit 03170005, on county road, 1.0 mi east of McCallum.	1,833	G	P	407	>30
82	02473360 Leaf River near Mahned, MS	Lat. 31°13'37", long. 89°05'13", in NE¼ sec.15, T.3 N., R.11 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170005, on county road, 1.5 mi north of Mahned.	1,889	G	P	471	>30
83	02473460 Tallahala Creek at Waldrup, MS	Lat. 31°57'58", long. 89°06'55", in SW¼ sec.31, T.2 N., R.12 E., Choctaw Meridian, Jasper County, Hydrologic Unit 03170005, on State Highway 528, 0.8 mi west of Waldrup.	102	G	P	1.6	44
84	02473480 Tallahattah Creek near Waldrup, MS	Lat. 31°51'36", long. 89°05'23", in SE¼ sec.3, T.10 N., R.11 W., St. Stephens Meridian, Jasper County, Hydrologic Unit 03170005, on county road, 8.7 mi south of Waldrup.	30.4	G	P	0.08	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
85	02473500 Tallahala Creek at Laurel, MS	Lat. 31°40'50", long 89°06'55", in NE¼ sec.8, T.8 N., R.11 W., St. Stephens Meridian, Jones County, Hydrologic Unit 03170005, on State Highway 15, at Laurel.	238	G	C	4.4	12
86	02473600 Tallahala Creek at Brown Street Ext. at Laurel, MS	Lat. 31°39'21", long. 89°08'20", in SW¼ sec.18, T.8 N., R.11 W., St. Stephens Meridian, Jones County, Hydrologic Unit 03170005, on county road, 0.5 mi south of Laurel.	243	G	P	9.6[e]	>30
87	02473950 Tallahoma Creek near Moss, MS	Lat. 31°49'58", long. 89°09'28", in SW¼ sec.13, T.10 N., R.11 E., Choctaw Meridian, Jasper County, Hydrologic Unit 03170005, on county road, 1.7 mi northeast of Moss.	110	G	P	1.4	>30
88	02474000 Tallahoma Creek near Laurel, MS	Lat. 31°46'47", long. 89°10'47", in NE¼ sec.10, T.9 N., R.12 W., St. Stephens Meridian, Jones County, Hydrologic Unit 03170005, on State Highway 15, 7.0 mi northwest of Laurel.	139	G	P	2.1	>30
89	02474100 Tallahoma Creek near Laurel, MS	Lat. 31°42'46", long. 89°09'53", in SE¼ sec.26, T.9 N., R.12 W., St. Stephens Meridian, Jones County, Hydrologic Unit 03170005, on county road, 2.0 mi northwest of Laurel.	166	G	P	2.5	54

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
90	02474500 Tallahala Creek near Runnelstown, MS	Lat. 31°19'57", long 89°06'46", in SE¼ sec.5, T.4 N., R.11 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170005, on county highway, 3.0 mi south of Runnelstown.	612	G	C	41	11
91	02474520 Garraway Creek at Belleville, MS	Lat. 31°12'21", long. 89°07'40", in SW¼ sec.20, T.3 N., R.11 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170005, on county road, 0.4 mi south of Belleville.	6.39	G	P	5.2	>30
92	02474540 Tallahala Creek near Mahned, MS	Lat. 31°13'51", long. 89°04'51", in SE¼ sec.10, T.3 N., R.11 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170005, on county road, 2.0 mi north of Mahned.	638	G	P	57	>30
93	02474550 Denham Creek near Augusta, MS	Lat. 31°12'25", long. 89°04'48", in SE¼ sec.22, T.3 N., R.11 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170005, on U.S. Highway 98, 2.2 mi west of New Augusta.	6.17	G	P	3.2	30
94	02474560 Leaf River near New Augusta, MS	Lat. 31°13'17", long. 89°03'11", in SW¼ sec.13, T.3 N., R.11 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170005, on State Highway 29, 1.4 mi north of New Augusta.	2,542	G	P	497	15

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
95	02474596 West Tiger Creek near Ovett, MS	Lat. 31°28'15", long. 89°00'00", in NE¼ sec.21, T.6 N., R.10 W., St. Stephens Meridian, Jones County, Hydrologic Unit 03170005, on State Highway 15, 2.1 mi southeast of Ovett.	49.6	G	P	0	(a)
96	02474600 Bogue Homo near Richton, MS	Lat. 31°24'12", long 89°01'18", in NW¼ sec.17, T.5 N., R.10 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170005, on county highway, 6.0 mi northwest of Richton.	344	G	C	5.7[f]	21
97	02474650 Buck Creek near Runnelstown, MS	Lat. 31°21'36", long. 89°03'00", in SE¼ sec.25, T.5 N., R.11 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170005, on State Highway 42, 3.7 mi east of Runnelstown.	20.8	G	P	1.2	>30
98	02474700 Dickeys Creek near Beaumont, MS	Lat. 31°10'55", long. 88°56'38", in NE¼ sec.36, T.3 N., R.9 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170005, on U.S. Highway 98, 1.5 mi northwest of Beaumont.	11.4	G	P	0.8	>30
99	02474750 Carters Creek at Beaumont, MS	Lat. 31°09'50", long. 88°54'53", in NW¼ sec.5, T.2 N., R.9 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170005, on U.S. Highway 98, 0.5 mi southeast of Beaumont.	6.49	G	P	0.7	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
100	02474780 Thompson Creek near Mulberry, MS	Lat. 31°29'13", long. 88°52'15", in NW¼ sec.14, T.6 N., R.9 W., St. Stephens Meridian, Wayne County, Hydrologic Unit 03170005, on county road, 1.6 mi northwest of Mulberry.	117	G	P	0.4	>30
101	02474800 Thompson Creek near Richton, MS	Lat. 31°21'21", long. 88°55'26", in NW¼ sec.32, T.5 N., R.9 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170005, on State Highway 42, 0.5 mi east of Richton.	183	G	P	4.6	30
102	02474820 Thompson Creek near Hintonville, MS	Lat. 31°15'39", long. 88°54'07", in SW¼ sec.33, T.4 N., R.9 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170005, on county road, 1.5 mi east of Hintonville.	211	G	P	11	>30
103	02474850 Little Creek near Belmont, MS	Lat. 31°07'44", long. 88°51'10", in SW¼ sec.13, T.2 N., R.9 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170005, on U.S. Highway 98, 5.0 mi southeast of Belmont.	14.1	G	P	2.3	>30
104	02474900 Piney Woods Creek near Richton, MS	Lat. 31°20'20", long. 88°50'52", in NE¼ sec.1, T.4 N., R.9 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170005, on county road, 5.0 mi east of Richton.	54.8	G	P	0.2	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
105	02474960 Gaines Creek near Beaumont, MS	Lat. 31°11'13", long. 88°50'52", in SE¼ sec.25, T.3 N., R.9 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170005, on county road, 5.0 mi east of Beaumont.	137	G	P	0.4	>30
106	02475000 Leaf River near McLain, MS	Lat. 31°06'10", long. 88°48'30", in SE¼ sec.29, T.2 N., R.8 W., St. Stephens Meridian, Greene County, Hydrologic Unit 03170005, on U.S. Highway 98, 1.2 mi east of McLain.	3,495	G	C	598	6
107	02475230 Tallashua Creek near Center Ridge, MS	Lat. 32°24'57", long. 88°59'13", in SE¼ sec.29, T.7 N., R.13 E., Choctaw Meridian, Newton County, Hydrologic Unit 03170001, on county road, 2.0 mi west of Center Ridge.	94.1	G	P	0.1	>30
108	02475290 Porterchitto Creek near Newton, MS	Lat. 32°19'51", long. 89°10'47", in SW¼ sec.28, T.6 N., R.11 E., Choctaw Meridian, Newton County, Hydrologic Unit 03170001, on county road, 1.0 mi northwest of Newton.	6.59	G	P	0.6	>30
109	02475350 Tarlow Creek near Newton, MS	Lat. 32°17'24", long. 89°08'59", in NW¼ sec.11, T.5 N., R.11 E., Choctaw Meridian, Newton County, Hydrologic Unit 03170001, on State Highway 15, 2.5 mi south of Newton.	16.1	G	P	0.06	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
110	02475390 Bethel Creek near Hickory, MS	Lat. 32°19'48", long. 89°02'52", in SW¼ sec.26, T.6 N., R.12 E., Choctaw Meridian, Newton County, Hydrologic Unit 03170001, on U.S. Highway 80, 1.7 mi west of Hickory.	2.62	G	P	0.2	>30
111	02475500 Chunky River near Chunky, MS	Lat. 32°19'35", long. 88°54'35", in SW¼ sec.30, T.6 N., R.14 E., Choctaw Meridian, Lauderdale County, Hydrologic Unit 03170001, on U.S. Highway 80, 1.2 mi east of Chunky.	369	G	C	5.2	14
112	02475580 Tallahatta Creek near Little Rock, MS	Lat. 32°30'03", long. 88°55'04", in SE¼ sec.25, T.8 N., R.13 E., Choctaw Meridian, Newton County, Hydrologic Unit 03170001, on State Highway 494, 6.5 mi east of Little Rock.	20.4	G	P	0.2	>30
113	02475600 Tallahatta Creek at Meehan Junction, MS	Lat. 32°19'37", long. 88°52'22", in SW¼ sec.28, T.6 N., R.14 E., Choctaw Meridian, Lauderdale County, Hydrologic Unit 03170001, on U.S. Highway 80, 0.5 mi west of Meehan Junction.	70.2	G	P	0.4	54
114	02476500 Sowashee Creek at Meridian, MS	Lat. 32°22'08", long. 88°40'35", in NE¼ sec.17, T.6 N., R.16 E., Choctaw Meridian, Lauderdale County, Hydrologic Unit 03170001, on U.S. Highway 45, at Meridian.	52.1	G	C	0.5	22

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
115	02476530 Sowashee Creek at Meridian, MS	Lat. 32°20'38", long. 88°43'37", in SW¼ sec.24, T.6 N., R.15 E., Choctaw Meridian, Lauderdale County, Hydrologic Unit 03170001, on 49th Avenue, 1.0 mi south of Meridian.	75.6	G	P	2.1	50
116	02476600 Okatibbee Creek at Arundel, MS	Lat. 32°17'55", long 88°45'15", in SW¼ sec.3, T.5 N., R.15 E., Choctaw Meridian, Lauderdale County, Hydrologic Unit 03170001, on county road, 0.6 mi southeast of Arundel.	342	G	C	12[g]	16
117	02477000 Chickasawhay River at Enterprise, MS	Lat. 32°10'32", long. 88°49'10", in NW¼ sec.24, T.4 N., R.14 E., Choctaw Meridian, Clarke County, Hydrologic Unit 03170002, on State Highway 513, at Enterprise.	918	G	C	29	12
118	02477070 Souenlovie Creek near Rose Hill, MS	Lat. 32°10'15", long. 88°55'51", in SE¼ sec.23, T.4 N., R.13 E., Choctaw Meridian, Jasper County, Hydrologic unit 03170002, on State Highway 513, 4.3 mi northeast of Rose Hill.	91.4	G	P	0.3	>30
119	02477100 Souenlovie Creek near Pachuta, MS	Lat. 32°03'46", long. 88°52'48", in NE¼ sec.32, T.3 N., R.14 E., Choctaw Meridian, Clarke County, Hydrologic Unit 03170002, on U.S. Highway 11, 1.7 mi north of Pachuta.	174	G	P	2.2	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
120	02477150 Pachuta Creek near Pachuta, MS	Lat. 32°01'47", long. 88°53'23", in NE¼ sec.8, T.2 N., R.14 E., Choctaw Meridian, Clarke County, Hydrologic Unit 03170002, on U.S. Highway 11, 0.5 mi south of Pachuta.	23.2	G	P	1.9	>30
121	02477200 Archusa Creek near Quitman, MS	Lat. 32°02'20", long. 88°42'39", in SE¼ sec.1, T.2 N., R.15 E., Choctaw Meridian, Clarke County, Hydrologic Unit 03170002, on State Highway 18, 1.0 mi east of Quitman.	54.6	G	P	16	15
122	02477330 Shubuta Creek near Shubuta, MS	Lat. 31°52'48", long. 88°44'24", in NW¼ sec.35, T.1 N., R.15 E., Choctaw Meridian, Clarke County, Hydrologic Unit 03170002, on county road, 1.5 mi northwest of Shubuta.	75.5	G	P	8.2	24
123	02477350 Chickasawhay River at Shubuta, MS	Lat. 31°51'25", long. 88°41'11", in NW¼ sec.10, T.10 N., R.7 W., St. Stephens Meridian, Clarke County, Hydrologic Unit 03170002, on county road, 0.5 mi southest of Shubuta.	1,458	G	P	85	>30
124	02477360 Eucutta Creek near Shubuta, MS	Lat. 31°50'20", long. 88°43'30", in NE¼ sec.18, T.10 N., R.7 W., St. Stephens Meridian, Wayne County, Hydrologic Unit 03170002, on county road, 2.0 mi southwest of Shubuta.	69.6	G	P	10	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
125	02477490 Yellow Creek at Waynesboro, MS	Lat. 31°41'49", long. 88°40'15", in SW¼ sec.35, T.9 N., R.7 W., St. Stephens Meridian, Wayne County, Hydrologic Unit 03170002, on county road, 0.5 mi northwest of Waynesboro.	54.7	G	P	17	>30
126	02477500 Chickasawhay River near Waynesboro, MS	Lat. 31°40'46", long. 88°41'00", in NW¼ sec.10, T.8 N., R.7 W., St. Stephens Meridian, Wayne County, Hydrologic Unit 03170002, on U.S. Highway 84, 2.3 mi west of Waynesboro.	1,650	G	C	121	13
127	02477700 Buckatunna Creek at Sykes, MS	Lat. 32°05'31", long. 88°34'55", in NW¼ sec.20, T.3 N., R.17 E., Choctaw Meridian, Clarke County, Hydrologic Unit 03170002, on State Highway 18, 0.5 mi east of Sykes.	122	G	P	0.5	59
128	02477800 Long Creek near Quitman, MS	Lat. 32°05'42", long. 88°36'39", in NE¼ sec.24, T.3 N., R.16 E., Choctaw Meridian, Clarke County, Hydrologic Unit 03170002, on State Highway 18, 8.0 mi northeast of Quitman.	76.8	G	P	1.3	>30
129	02477850 Rocky Creek near Sykes, MS	Lat. 32°05'02", long. 88°32'20", in SE¼ sec.22, T.3 N., R.17 E., Choctaw Meridian, Clarke County, Hydrologic Unit 03170002, on State Highway 18, 3.0 mi east of Sykes.	24.8	G	P	0	(a)

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
130	02477900 Buckatunna Creek near Carmichael, MS	Lat. 31°55'48", long. 88°30'21", in NE¼ sec.13, T.1 N., R.17 E., Choctaw Meridian, Clarke County, Hydrologic Unit 03170002, on county road, 5.0 mi east of Carmichael.	331	G	P	2.0	>30
131	02477990 Buckatunna Creek near Denham, MS	Lat. 31°41'38", long. 88°31'10", in NE¼ sec.6, T.8 N., R.5 W., St. Stephens Meridian, Wayne County, Hydrologic Unit 03170002, on county road, 3.5 mi north of Denham.	494	G	C	12	18
132	02478030 Buckatunna Creek near Buckatunna, MS	Lat. 31°31'15", long. 88°30'43", in NW¼ sec.5, T.6 N., R.5 W., St. Stephens Meridian, Wayne County, Hydrologic Unit 03170002, on U.S. Highway 45, 1.5 mi southeast of Buckatunna.	601	G	P	34	>30
133	02478100 Big Creek at Clara, MS	Lat. 31°34'51", long. 88°41'52", in SE¼ sec.9, T.7 N., R.7 W., St. Stephens Meridian, Wayne County, Hydrologic Unit 03170003, on State Highway 63, 0.1 mi west of Clara.	44.9	G	P	3.0	30
134	02478140 Big Creek near Buckatunna, MS	Lat. 31°28'01", long. 88°34'19", in SE¼ sec.22, T.6 N., R.6 W., St. Stephens Meridian, Wayne County, Hydrologic Unit 03170003, on county road, 10.0 mi southwest of Buckatunna.	140	G	P	7.6	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
135	02478500 Chickasawhay River at Leakesville, MS	Lat. 31°08'54", long. 88°33'52", in SW¼ sec.12, T.2 N., R.6 W., St. Stephens Meridian, Green County, Hydrologic Unit 03170003, on State Highway 63, 0.5 mi southeast of Leakesville.	2,690	G	C	246	9
136	02478680 Big Creek near Jonathan, MS	Lat. 31°12'32", long. 88°38'27", in NE¼ sec.24, T.3 N., R.7 W., St. Stephens Meridian, Greene County, Hydrologic Unit 03170003, on State Highway 63, 1.0 mi south of Jonathan.	120	G	P	5.1	>30
137	02478700 Big Creek near Leakesville, MS	Lat. 31°07'40", long. 88°39'14", in NW¼ sec.24, T.2 N., R.7 W., St. Stephens Meridian, Greene County, Hydrologic Unit 03170003, on State Highway 57, 6.5 mi west of Leakesville.	152	G	P	8.4	>30
138	02478750 Brushy Creek near Leakesville, MS	Lat. 31°07'40", long. 88°40'08", in NW¼ sec.23, T.2 N., R.7 W., St. Stephens Meridian, Greene County, Hydrologic Unit 03170003, on State Highway 57, 7.0 mi west of Leakesville.	18.3	G	P	0.8	>30
139	02478760 Big Creek near Hillman, MS	Lat. 31°04'19", long. 88°38'27", in SE¼ sec.1, T.1 N., R.7 W., St. Stephens Meridian, Greene County, Hydrologic Unit 03170003, on county road, 4.0 mi south of Hillman.	184	G	P	9.4	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
140	02479000 Pascagoula River at Merrill, MS	Lat. 30°58'40", long. 88°43'35", in SW¼ sec.18, T.1 S., R.7 W., St. Stephens Meridian, George County, Hydrologic Unit 03170006, on highway between Merrill and Avent, 0.5 mi west of Merrill.	6,590	G	C	917	8
141	02479010 Whisky Creek near Merrill, MS	Lat. 30°55'33", long. 88°44'52", in SE¼ sec.28, T.1 S., R.8 W., St. Stephens Meridian, George County, Hydrologic Unit 03170006, on State Highway 57, 5.5 mi southwest of Merrill.	42.0	G	P	4.7	>30
142	02479040 Big Creek near Lucedale, MS	Lat. 30°56'23", long. 88°37'11", in SE¼ sec.19, T.1 S., R.6 W., St. Stephens Meridian, George County, Hydrologic Unit 03170006, on U.S. Highway 98, 2.1 mi northwest of Lucedale.	21.0	G	P	14	20
143	02479050 Big Creek near Crossroads, MS	Lat. 30°53'02", long. 88°41'42", in SW¼ sec.9, T.2 S., R.7 W., St. Stephens Meridian, George County, Hydrologic Unit 03170006, on State Highway 26, 1.0 mi east of Crossroads.	43.1	G	P	16	22
144	02479070 Big Cedar Creek near Wade, MS	Lat. 30°42'39", long. 88°35'56", in NE¼ sec.37, T.4 S., R.6 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170006, on county road, 5.2 mi north of Wade.	64.9	G	P	40	11

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
145	02479090 Black Creek North near Wade, MS	Lat. 30°41'20", long. 88°34'37", in NW¼ sec.22, T.4 S., R.6 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170006, on State Highway 63, 3.5 mi north of Wade.	15.9	G	P	0.7	>30
146	024790912 Black Creek near Sumrall, MS	Lat. 31°23'16", long. 89°37'19", in NE¼ sec.20, T.5 N., R.16 W., St. Stephens Meridian, Lamar County, Hydrologic Unit 03170007, on State Highway 44, 5 mi southwest of Sumrall.	19.0	G	P	1.8	>30
147	02479093 Black Creek near Hattiesburg, MS	Lat. 31°18'03", long. 89°31'29", in NE¼ sec.20, T.4 N., R.15 W., St. Stephens Meridian, Lamar County, Hydrologic Unit 03170007, on U.S. Highway 98, 10.0 mi west of Hattiesburg.	60.4	G	P	3.7	>30
148	02479100 Black Creek near Purvis, MS	Lat. 31°11'23", long. 89°22'48", in SW¼ sec.26, T.3 N., R.14 W., St. Stephens Meridian, Lamar County, Hydrologic Unit 03170007, on U.S. Highway 11, 4.0 mi northeast of Purvis.	171	G	P	23	21
149	02479105 Little Black Creek near Lumberton, MS	Lat. 31°04'19", long. 89°25'15", in SE¼ sec.5, T.1 N., R.14 W., St. Stephens Meridian, Lamar County, Hydrologic Unit 03170007, on U.S. Highway 11, 5.0 mi north of Lumberton.	27.7	G	P	10	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
150	02479110 Boggy Hollow Creek near Lumberton, MS	Lat. 31°05'05", long. 89°25'01", in SW¼ sec.33, T.2 N., R.14 W., St. Stephens Meridian, Lamar County, Hydrologic Unit 03170007, on U.S. Highway 11, 5.9 mi north of Lumberton.	22.6	G	P	3.2	>30
151	02479120 Big Creek near Brooklyn, MS	Lat. 31°03'57", long. 89°16'08", in NE¼ sec.11, T.1 N., R.13 W., St. Stephens Meridian, Forrest County, Hydrologic Unit 03170007, on county road, 5.0 mi west of Brooklyn.	30.6	G	P	2.6	46
152	02479130 Black Creek near Brooklyn, MS	Lat 31°03'06", long. 89°12'16", in NE¼ sec.16, T.1 N., R.12 W., St. Stephens Meridian, Forrest County, Hydrologic Unit 03170007, on U.S. Highway 49, 1.1 mi southwest of Brooklyn.	355	G	C	57	10
153	02479146[h] Beaverdam Creek at Maxie, MS	Lat. 30°59'09", long. 89°13'04", in SW¼ sec.4, T.1 S., R.12 W., St. Stephens Meridian, Forrest County, Hydrologic Unit 03170007, on U.S. Highway 49, .8 mi north of Maxie.	4.21	G	P	1.5	>30
154	02479153 Beaverdam Creek near Janice, MS	Lat. 30°58'15", long. 89°03'21", in SE¼ sec.11, T.1 S., R.11 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170007, on State Highway 29, 3.0 mi south of Janice.	65.5	G	P	24	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
155	02479155 Cypress Creek near Janice, MS	Lat. 31°01'30", long 89°01'00", in NE¼ sec.29, T.1 N., R.10 W., St. Stephens Meridian, Perry County, Hydrologic Unit 03170007, on State Highway 29, 1.2 mi east of Janice.	52.6	G	C	5.1	12
156	02479160 Black Creek near Wiggins, MS	Lat. 30°51'12", long 88°54'49", in SW¼ sec.20, T.2 S., R.9 W., St. Stephens Meridian, Stone County, Hydrologic Unit 03170007, on State Highway 26, 13.4 mi east of Wiggins.	701	G	C	96	13
157	02479170 Black Creek near Benndale, MS	Lat. 30°46'47", long. 88°45'35", in SW¼ sec.14, T.3 S., R.8 W., St. Stephens Meridian, George County, Hydrologic Unit 03170007, on State Highway 57, 7.6 mi south of Benndale.	753	G	P	114	23
158	02479190 Red Creek near Wiggins, MS	Lat. 30°50'59", long. 89°12'36", in NW¼ sec.28, T.2 S., R.12 W., St. Stephens Meridian, Stone County, Hydrologic Unit 03170007, on Old State Highway 26, 4.0 mi west of Wiggins.	177	G	P	14	34
159	02479191 Red Creek at Perkinston, MS	Lat. 30°47'31", long. 89°08'09", in NW¼ sec.18, T.3 S., R.11 W., St. Stephens Meridian, Stone County, Hydrologic Unit 03170007, on U.S. Highway 49, 0.5 mi north of Perkinston.	222	G	P	38	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
160	02479200 Flint Creek near Wiggins, MS	Lat. 30°50'40", long. 89°04'30", in SE¼ sec.27, T.2 S., R.11 W., St. Stephens Meridian, Stone County, Hydrologic Unit 03170007, on State Highway 26, 3.8 mi east of Wiggins.	24.9	G	C	12	17
161	02479250 Bluff Creek near Wiggins, MS	Lat. 30°51'14", long. 88°58'01", in SW¼ sec.23, T.2 S., R.10 W., St. Stephens Meridian, Stone County, Hydrologic Unit 03170007, on State Highway 26, 12.1 mi east of Wiggins.	24.9	G	P	3.7	>30
162	02479300 Red Creek at Vestry, MS	Lat. 30°44'10", long. 88°46'50", in SW¼ sec.34, T.3 S., R.8 W., St. Stephens Meridian, George County, Hydrologic Unit 03170007, on county highway, 0.5 mi north of Vestry.	441	G	C	108	9
163	024793425[i] Four Mile Creek near Escatawpa, MS	Lat. 30°28'51", long. 88°30'28", in NW¼ sec.32, T.6 S., R.5 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170008, on county road, 2.7 mi northeast of Escatawpa.	(j)	G	P	0	(a)
164	02479500 Escatawpa River near Wilmer, AL	Lat. 30°51'44", long 88°25'04", in NW¼ sec.19, T.2 S., R.4 W., St. Stephens Meridian, Mobile County, Hydrologic Unit 03170008, on U.S. Highway 98, 4.0 mi northwest of Wilmer.	511	G	C	63	10

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
165	02479550 Rocky Creek near Lucedale, MS	Lat. 30°55'29", long. 88°31'51", in NE¼ sec.36, T.1 S., R.6 W., St. Stephens Meridian, George County, Hydrolgic Unit 03170008, on U.S. Highway 98, 3.0 mi east of Lucedale.	5.81	G	P	3.9	>30
166	02479560 Escatawpa River near Agricola, MS	Lat. 30°48'32", long. 88°27'41", in SW¼ sec.2, T.3 S., R.5 W., St. Stephens Meridian, George County, Hydrologic Unit 03170008, on county road 612, 3.7 mi east of Agricola.	562	G	C	81	11
167	02479600 Escatawpa River near Hurley, MS	Lat. 30°37'48", long. 88°25'47", in NE¼ sec.12, T.5 S., R.5 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170008, on county road, 4.2 mi southeast of Hurley.	646	G	P	121	20
168	02480050 Big Creek near Big Point, MS	Lat. 30°32'38", long. 88°24'43", in NW¼ sec.8, T.6 S., R.4 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170008, off county road, 5.0 mi southeast of Big Point.	215	G	P	62	>30
169	02480100 Jackson Creek near Orange Grove, MS	Lat. 30°30'28", long. 88°25'01", in NE¼ sec.19, T.6 S., R.4 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170008, on county road, 6.8 mi north of Orange Grove.	37.1	G	P	20	21

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
170	02480150 Franklin Creek near Grand Bay, AL	Lat. 30°28'12", long. 88°23'23", in NW¼ sec.4, T.7 S., R.4 W. ,St. Stephens Meridian, Mobile County, Hydrologic Unit 03170008, on county road, 2.6 mi west of Grand Bay.	16.7	G	P	16	19
171	02480260 Moungers Creek near Vancleave, MS	Lat. 30°34'48", long. 88°40'15", in SE¼ sec.27, T.5 S., R.7 W., St. Stephens Meridian, Jackson County, Hydrologic Unit 03170006, on county road, 3.4 mi north of Vancleave.	30.2	G	P	0.4	66
172	02480350 Tchoutacabouffa River near Biloxi, MS	Lat. 30°33'36", long. 88°53'56", in SE¼ sec.33, T.5 S., R.9 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, on county road, 10.0 mi north of Biloxi.	57.3	G	P	5.8	34
173	02480400 Hester Creek near Biloxi, MS	Lat. 30°32'59", long. 88°57'25", in SE¼ sec.2, T.6 S., R.10 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, on county road, 10.0 mi north of Biloxi.	10.9	G	P	1.4	>30
174	02480450 Hog Branch near Biloxi, MS	Lat. 30°32'20", long. 88°57'14", in NE¼ sec.11, T.6 S., R.10 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, on county road, 9.0 mi north of Biloxi.	8.29	G	P	0.4	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
175	02480500 Tuxachanie Creek near Biloxi, MS	Lat. 30°30'36", long. 88°54'40", in NW¼ sec.20, T.6 S., R.9 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, on Old State Highway 15, 7.0 mi north of Biloxi.	92.4	G	C	3.2	21
176	02481000 Biloxi River at Wortham, MS	Lat. 30°33'30", long. 89°07'20", in SE¼ sec.31, T.5 S., R.11 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, on U.S. Highway 49, 0.8 mi east of Wortham.	96.2	G	C	2.3	20
177	02481050 Saucier Creek near Wortham, MS	Lat. 30°34'08", long. 89°06'00", in NW¼ sec.33, T.5 S., R.11 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, on county road, 2.2 mi east of Wortham.	41.2	G	P	2.2	>30
178	02481100 Little Biloxi River near Lyman, MS	Lat. 30°31'19", long. 89°06'32", in NE¼ sec.17, T.6 S., R.11 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, on U.S. Highway 49, 2.0 mi north of Lyman.	68.5	G	P	2.6	>30
179	02481130 Biloxi River near Lyman, MS	Lat. 30°29'16", long. 89°02'09", in SE¼ sec.25, T.6 S., R.11 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, on county road, 4.6 mi east of Lyman.	251	G	P	20	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
180	02481250 Turkey Creek near Gulfport, MS	Lat. 30°24'43", long. 89°05'42", in NW¼ sec.28, T.7 S., R.11 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, on U.S. Highway 49, 2.5 mi north of Gulfport.	24.3	G	P	0.08	>30
181	02481400 Wolf River near Poplarville, MS	Lat. 30°50'59", long. 89°28'12", in NW¼ sec.26, T.2 S., R.15 W., St. Stephens Meridian, Pearl River County, Hydrologic Unit 03170009, on State Highway 26, 3.9 mi east of Poplarville.	71.0	G	P	3.2	>30
182	02481500 Wolf River near Lyman, MS	Lat. 30°35'24", long. 89°20'23", in SW¼ sec.19, T.5 S., R.13 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, on State Highway 53, 15 mi northwest of Lyman.	253	G	P	25	>30
183	02481510 Wolf River near Landon, MS	Lat. 30°29'00", long. 89°16'28", in NE¼ sec.34, T.6 S., R.13 W., St. Stephens Meridian, Harrison County, Hydrologic Unit 03170009, on county highway, 11.2 mi northwest of Landon.	308	G	C	40	11
184	02481550 Hickory Creek near Kiln, MS	Lat. 30°30'21", long. 89°29'45", in SE¼ sec.21, T.6 S., R.15 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 03170009, on State Highway 43, 8.5 mi northwest of Kiln.	60.5	G	P	2.6	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
185	02481570 Catahoula Creek near Santa Rosa, MS	Lat. 30°24'25", long. 89°32'16", in NW¼ sec.30, T.7 S., R.15 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 03170009, on county road, 7.0 mi southeast of Santa Rosa.	155	G	P	11	>30
186	02481600 Bayou Bacon near Kiln, MS	Lat. 30°27'32", long. 89°29'34", in NW¼ sec.3, T.7 S., R.15 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 03170009, on county road, 5.5 mi northwest of Kiln.	16.4	G	P	0.7	>30
187	02481650 Orphan Creek near Kiln, MS	Lat. 30°26'38", long. 89°28'58", in SE¼ sec.10, T.7 S., R.15 W., St. Stephens Meridian, Hancock County, Hydrologic Unit 03170009, on county road, 3.8 mi northwest of Kiln.	13.7	G	P	0.5	>30
188	02481750 Nanawaya Creek at Handle, MS	Lat. 32°57'50", long. 88°52'58", in NE¼ sec.20, T.13 N., R.14 E., Choctaw Meridian, Winston County, Hydrologic Unit 03180001, on State Highway 397, 0.5 mi west of Handle.	92.4	D	P	0	(a)
189	02481810 Tallahaga Creek near Noxapater, MS	Lat. 33°01'11", long. 89°03'35", in NE¼ sec.4, T.13 N., R.12 E., Choctaw Meridian, Winston County, Hydrologic Unit 03180001, on State Highway 15, 1.2 mi north of Noxapater.	58.6	D	P	0	(a)

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
190	02481820 Bogue Chitto Creek near Bond, MS	Lat. 32°52'51", long. 88°56'20", in NW¼ sec.23, T.12 N., R.13 E., Choctaw Meridian, Neshoba County, Hydrologic Unit 03180001, on old State Highway 21, 3.0 mi northeast of Bond.	89.7	D	P	0	(a)
191	02481840 Noxapater Creek near Noxapater, MS	Lat. 32°57'35", long. 89°04'48", in NE¼ sec.20, T.13 N., R.12 E., Choctaw Meridian, Winston County, Hydrologic Unit 03180001, on State Highway 15, 2.0 mi south of Noxapater.	35.3	D	P	0	(a)
192	02481880 Pearl River at Burnside, MS	Lat. 32°50'27", long. 89°05'51", in NE¼ sec.6, T.11 N., R.12 E., Choctaw Meridian, Neshoba County, Hydrologic Unit 03180001, on State Highway 15, 0.9 mi south of Burnside.	520	D	P	0.8	41
193	02481930 Lonsilocka Creek near Philadelphia, MS	Lat. 32°42'46", long. 89°08'59", in SE¼ sec.15, T.10 N., R.11 E., Choctaw Meridian, Neshoba County, Hydrologic Unit 03180001, on State Highway 15, 4.5 mi south of Philadelphia.	16.7	D	P	0.1	>50
194	02481950 Kentawka Creek near Philadelphia, MS	Lat. 32°45'43", long. 89°08'20", in NW¼ sec.35, T.11 N., R.11 E., Choctaw Meridian, Neshoba County, Hydrologic Unit 03180001, on State Highway 16, 1.5 mi west of Philadelphia.	141	D	P	1.3	36

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
195	02482000 Pearl River at Edinburg, MS	Lat. 32°47'55", long. 89°20'10", in SW¼ sec.13, T.11 N., R.9 E., Choctaw Meridian, Leake County, Hydrologic Unit 03180001, on State Highway 16, at Edinburg.	904	D	C	5.4	14
196	02482290 Standing Pine Creek near Freeny, MS	Lat. 32°42'25", long. 89°27'25", in NE¼ sec.22, T.10 N., R.8 E., Choctaw Meridian, Leake County, Hydrologic Unit 03180001, on State Highway 488, 1.3 mi east of Freeny.	57.3	D	P	9.3	25
197	02482300 Lobutcha Creek at Zama, MS	Lat. 32°58'44", long. 89°22'58", in SW¼ sec.16, T.13 N., R.9 E., Choctaw Meridian, Attala County, Hydrologic Unit 03180001, on State Highway 19, 0.3 mi northwest of Zama.	139	D	P	<0.05	169
198	02482500 Lobutcha Creek near Carthage, MS	Lat. 32°45'39", long. 89°27'38", in NE¼ sec.34, T.11 N., R.8 E., Choctaw Meridian, Leake County, Hydrologic Unit 03180001, on State Highway 16, 5 mi northeast of Carthage.	309	D	C	9.2	10
199	02482550 Pearl River near Carthage, MS	Lat. 32°42'25", long. 89°31'35", in NE¼ sec.24, T.10 N., R.7 E., Choctaw Meridian, Leake County, Hydrologic Unit 03180001, on State Highway 35, 2.1 mi south of Carthage.	1,346	D	C	44	10

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
200	02482700 Tuscolameta Creek near Steel, MS	Lat. 32°31'37", long. 89°22'40", in NE¼ sec.21, T.8 N., R.9 E., Choctaw Meridian, Scott County, Hydrologic Unit 03180001, on State Highway 21, 3.5 mi northeast of Steel.	174	D	P	0	(a)
201	02482760 Hontokalo Creek near Steel, MS	Lat. 32°31'04", long. 89°23'52", in SW¼ sec.20, T.8 N., R.9 E., Choctaw Meridian, Scott County, Hydrologic Unit 03180001, on State Highway 21, 2.5 mi northeast of Steel.	59.8	D	P	0	(a)
202	02482850 Tallabogue Creek near Harperville, MS	Lat. 32°29'20", long. 89°27'32", in SE¼ sec.34, T.8 N., R.8 E., Choctaw Meridian, Scott County, Hydrologic Unit 03180001, on county road, 2.0 mi east of Harperville.	40.7	D	P	0.2	>50
203	02483000 Tuscolameta Creek at Walnut Grove, MS	Lat. 32°35'18", long. 89°27'54", in NW¼ sec.34, T.9 N., R.8 E., Choctaw Meridian, Leake County, Hydrologic Unit 03180001, on State Highway 35, 0.4 mi southwest of Walnut Grove.	411	D	C	5.0	14
204	02483100 Shockaloo Creek near Lillian, MS	Lat. 32°29'49", long. 89°32'16", in NW¼ sec.36, T.8 N., R.7 E., Choctaw Meridian, Scott County, Hydrologic Unit 03180001, on county road, at Lillian.	26.5	D	P	0	(a)

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
205	02483500 Pearl River near Lena, MS	Lat 32°39'55", long 89°38'30", in SW¼ sec.36, T.10 N., R.6 E., Choctaw Meridian, Leake County, Hydrologic Unit 03180001, on county road, 6.0 mi north of Lena.	1,981	D	C	66	12
206	02483800 Yockanookany River at McCool, MS	Lat. 33°12'10", long. 89°21'10", in SW¼ sec.34, T.16 N., R.9 E., Choctaw Meridian, Attala County, Hydrologic Unit 03180001, on State Highway 411, 0.2 mi west of McCool.	133	D	P	3.4	46
207	02483900 Cole Creek near Ethel, MS	Lat. 33°09'07", long. 89°26'38", in SE¼ sec.14, T.15 N., R.8 E., Choctaw Meridian, Attala County, Hydrologic Unit 03180001, on State Highway 12, 2.0 ni northeast of Ethel.	28.9	D	P	0	(a)
208	02483950 Hurricane Creek near Kosciusko, MS	Lat. 33°05'27", long. 89°31'37", in NE¼ sec.12, T.14 N., R.7 E., Choctaw Meridian, Attala County, Hydrologic Unit 03180001, on State Highway 12, 4.0 mi northeast of Kosciusko.	16.6	D	P	<0.05	>50
209	02484000 Yockanookany River near Kosciusko, MS	Lat. 33°01'55", long 89°34'40", in NE¼ sec.33, T.14 N., R.7 E., Choctaw Meridian, Attala County, Hydrologic Unit 03180001, on State Highway 35, 2.0 mi south of Kosciusko.	303	D	C	5.5	8

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
210	02484500 Yockanookany River near Ofahoma, MS	Lat. 32°42'20, long. 89°40'20", in NW¼ sec.22, T.10 N., R.6 E., Choctaw Meridian, Leake County, Hydrologic Unit 03180001, on State Highway 16, 1.5 mi east of Ofahoma.	469	D	C	9.8	10
211	02484752 Red Cane Creek near Pisgah, MS	Lat. 32°28'40", long. 89°47'20", in NE¼ sec.4, T.7 N., R.5 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on county road, 5.0 mi east of Pisgah.	7.97	D	P	0	(a)
212	02484760 Fannegusha Creek near Sand Hill, MS	Lat. 32°30'21", long. 89°48'46", in SW¼ sec.29, T.8 N., R.5 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on county road, 4.5 mi east of Sand Hill.	52.3	D	P	0	(a)
213	02484763 Rollison Creek near Sand Hill, MS	Lat. 32°29'45", long. 89°49'01", in NE¼ sec.31, T.8 N., R.5 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on county road, 4.2 mi east of Sand Hill.	7.03	D	P	0	(a)
214	02485286 Mulberry Creek Tributary near Pelahatchie, MS	Lat. 32°19'55", long. 89°44'49", in SW¼ sec.24, T.6 N., R.5 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on county road, 3.5 mi east of Pelahatchie.	1.99	D	P	0	(a)

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
215	02485288 Mulberry Creek near Pelahatchie, MS	Lat. 32°19'19", long. 89°44'34", in NW¼ sec.36, T.6 N., R.6 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on U.S. Highway 80, 3.0 mi east of Pelahatchie.	9.81	D	P	0	(a)
216	02485292 Ashlog Creek near Pelahatchie, MS	Lat. 32°17'24", long. 89°45'21", in NE¼ sec.11, T.5 N., R.5 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on U.S. Highway 20, 2.5 mi southeast of Pelahatchie.	9.13	D	P	0	(a)
217	02485294 Pierce Creek at Pelahatchie, MS	Lat. 32°19'01", long. 89°46'51", in NW¼ sec.34, T.6 N., R.5 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on U.S. Highway 80, at Pelahatchie.	4.17	D	P	0	(a)
218	02485300 Pelahatchie Creek at Pelahatchie, MS	Lat. 32°18'43", long. 89°48'32", in SW¼ sec.32, T.6 N., R.5 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on U.S. Highway 80, 0.6 mi west of Pelahatchie.	66.7	D	P	0	(a)
219	02485340 Eutacutachee Creek at Gulde, MS	Lat. 32°17'16", long. 89°51'50", in SW¼ sec.11, T.5 N., R.4 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on county road, 0.6 mi south of Gulde.	14.4	D	P	0	(a)

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
220	02485350 Eutacutachee Creek near Pelahatchie, MS	Lat. 32°18'28", long. 89°50'20", in NE¼ sec.1, T.5 N., R.4 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on U.S. Highway 80, 3.0 mi west of Pelahatchie.	26.0	D	P	0	(a)
221	02485365 Dry Creek near Leesburg, MS	Lat. 32°24'50", long. 89°47'23", in SW¼ sec.28, T.7 N., R.5 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on county road, 3.0 mi southwest of Leesburg.	5.45	D	P	0	(a)
222	02485390 Hollybush Creek near Pelahatchie, MS	Lat. 32°23'45", long. 89°49'55", in SW¼ sec.31, T.7 N., R.5 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on county road, 6.0 mi northwest of Pelahatchie.	7.08	D	P	0	(a)
223	02485415 Bakers Creek near Pisgah, MS	Lat. 32°26'24", long. 89°52'58", in SW¼ sec.15, T.7 N., R.4 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on county road, 2.3 mi southeast of Pisgah.	1.70	D	P	0	(a)
224	02485420 Riley Creek near Fannin, MS	Lat. 32°23'49", long. 89°52'55", in NW¼ sec.3, R.6 N., R.4 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on county road, 4.5 mi east of Fannin.	15.9	D	P	0	(a)

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
225	02485430 Brush Creek near Langford, MS	Lat. 32°20'49", long. 89°55'26", in NE¼ sec.19, T.6 N., R.4 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on county road, 3.0 mi east of Langford.	5.81	D	P	0	(*a*)
226	02485470 Clark Creek near Fannin, MS	Lat. 32°23'49", long. 89°55'26", in SE¼ sec.31, T.7 N., R.4 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on county road, 2.5 mi southeast of Fannin.	7.61	D	P	0	(*a*)
227	02485500 Pelahatchie Creek near Fannin, MS	Lat. 32°23'23", long. 89°58'12", in SW¼ sec.2, T.6 N., R.3 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on State Highway 471, 2.2 mi south of Fannin.	206	D	P	0	(*a*)
228	02485650 Purple Creek at Jackson, MS	Lat. 32°22'47", long. 90°07'19", in NW¼ sec.8, T.6 N., R.2 E., Choctaw Meridian, Hinds County, Hydrologic Unit 03180002, at Old Canton Road, at Jackson.	6.12	D	P	0	(*a*)
229	02485700 Hanging Moss Creek at Jackson, MS	Lat. 32°21'57", long. 90°08'57", in NE¼ sec.13, T.6 N., R.1 E., Choctaw Meridian, Hinds County, Hydrologic Unit 03180002, at Parham Bridges Park, at Jackson.	16.8	D	P	0	(*a*)

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
230	02485730 Hog Creek near Jackson, MS	Lat. 32°19'58", long. 90°05'02", in SW¼ sec.27, T.6 N., R.2 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on State Highway 468, 2.5 mi east of Jackson.	11.2	D	P	0	(a)
231	02486140 Richland Creek near Brandon, MS	Lat. 32°16'44", long. 89°56'16", in NE¼ sec.13, T.5 N., R.3 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on U.S. Highway 80, 3.0 mi east of Brandon.	5.20	D	P	0	(a)
232	02486180 Richland Creek near Whitfield, MS	Lat. 32°12'57", long. 90°00'21", in SE¼ sec.5, T.4 N., R.3 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on county road, 4.5 mi east of Whitfield.	28.1	D	P	0	(a)
233	02486200 Tumbaloo Creek near Brandon, MS	Lat. 32°11'16", long. 90°00'03", in NW¼ sec.16, T.4 N., R.3 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on county road, 5.2 mi south of Brandon.	28.3	D	P	0	(a)
234	02486220 Richland Creek near Florence, MS	Lat. 32°12'21", long. 90°03'17", in NW¼ sec.12, T.4 N., R.2 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on State Highway 469, 5.5 mi northeast of Florence.	80.1	D	P	0	(a)

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
235	02486300 Richland Creek near Jackson, MS	Lat. 32°15'21", long. 90°10'26", in SW¼ sec.23, T.5 N., R.1 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on old U.S. Highway 49, 3.0 mi south of Jackson.	126	D	P	0.9	56
236	02486550 Big Creek at Byram, MS	Lat. 32°10'37", long. 90°16'22", in NW¼ sec.23, T.4 N., R.1 W., Choctaw Meridian, Hinds County, Hydrologic Unit 03180002, on old U.S. Highway 51, 1.0 mi southwest of Byram.	25.0	D	P	0	(a)
237	02486600 Steen Creek at Florence, MS	Lat. 32°08'49", long. 90°06'39", in NE¼ sec.32, T.4 N., R.2 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on U.S. Highway 49, 1.0 mi south of Florence.	18.4	D	P	0.05	77
238	02486610 Indian Creek at Florence, MS	Lat. 32°09'17", long. 90°07'15", in SW¼ sec.29, T.4 N., R.2 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on State Highway 469, at Florence.	5.02	D	P	0	(a)
239	02486640 Hominey Creek near Florence, MS	Lat. 32°04'55", long. 90°07'55", in S½ sec.19, T.3 N., R.2 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on State Highway 469, 5.0 mi south of Florence.	7.94	D	P	0	(a)

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
240	02486650 Steen Creek near Florence, MS	Lat. 32°06'46", long. 90°11'20", in SW¼ sec.10, T.3 N., R.1 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on county road, 5.0 mi southwest of Florence.	82.1	D	P	0.6	96
241	02486690 Rhodes Creek near Terry, MS	Lat. 32°07'12", long. 90°18'00", in NE¼ sec.9, T.3 N., R.1 W., Choctaw Meridian, Hinds County, Hydrologic Unit 03180002, on old U.S. Highway 51, 1.2 mi north of Terry.	21.0	D	P	0.2	>50
242	02487280 Purvis Creek near Johns, MS	Lat. 32°11'41", long. 89°45'57", in SW¼ sec.11, T.4 N., R.5 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on State Highway 43, 8.0 mi northeast of Johns.	7.89	D	P	0	(a)
243	02487287 Purvis Creek near Puckett, MS	Lat. 32°06'39", long. 89°43'51", in SE¼ sec.12, T.3 N., R.5 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on State Highway 13, 3.5 mi northeast of Puckett.	29.8	D	P	0.3	>50
244	02487300 Strong River near Puckett, MS	Lat. 32°03'35", long. 89°45'00", in SE¼ sec.26, T.3 N., R.5 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on State Highway 18, 2.0 mi southeast of Puckett.	248	D	P	1.9	41

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
245	02487400 Campbell Creek at Johns, MS	Lat. 32°07'55", long. 89°50'27", in NE¼ sec.1, T.3 N., R.4 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on State Highway 18, 0.2 mi northwest of Johns.	17.9	D	P	0.4	35
246	02487500 Strong River at D'Lo, MS	Lat. 31°58'40", long. 89°53'53", in SW¼ sec.28, T.2 N., R.4 E., Choctaw Meridian, Simpson County, Hydrologic Unit 03180002, on old U.S. Highway 49, 0.2 mi south of D'Lo.	425	D	C	19	8
247	02487520 Dabbs Creek near Johns, MS	Lat. 32°08'09", long. 89°55'08", in SW¼ sec.32, T.4 N., R.4 E., Choctaw Meridian, Rankin County, Hydrologic Unit 03180002, on county road, 4.5 mi west of Johns.	16.6	D	P	0	(a)
248	02487600 Dabbs Creek near D'Lo, MS	Lat. 32°00'43", long. 89°56'13", in SW¼ sec.18, T.2 N., R.4 E., Choctaw Meridian, Simpson County, Hydrologic Unit 03180002, on U.S. Highway 49, 2.5 mi northwest of D'Lo.	57.2	D	P	0	(a)
249	02487601 Dabbs Creek at D'Lo, MS	Lat. 31°59'49", long. 89°55'26", in NE¼ sec.19, T.2 N., R.4 E., Choctaw Meridian, Simpson County, Hydrologic Unit 03180002, on county road, 1.7 mi northwest of D'Lo.	57.6	D	P	0	(a)

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
250	02487620 Rials Creek near Mendenhall, MS	Lat. 31°55'48", long. 89°54'36", in NE¼ sec.17, T.1 N., R.4 E., Choctaw Meridian, Simpson County, Hydrologic Unit 03180002, on State Highway 43, 3.0 mi southwest of Mendenhall.	25.5	D	P	22	>50
251	02487650 Sanders Creek at Braxton, MS	Lat. 32°01'22", long. 89°58'40", in SE¼ sec.10, T.2 N., R.3 E., Choctaw Meridian, Simpson County, Hydrologic Unit 03180002, on county road, at Braxton.	11.5	D	P	0	(a)
252	02487750 Big Creek near Pinola, MS	Lat. 31°52'48", long. 90°03'00", in SW¼ sec.36, T.1 N., R.2 E., Choctaw Meridian, Simpson County, Hydrologic Unit 03180002, on State Highway 28, 5.5 mi west of Pinola.	45.9	D	P	0.06	>50
253	02487760 Strong River near Rockport, MS	Lat. 31°50'45", long. 90°05'34", in SW¼ sec.11, T.10 N., R.21 W., St. Stephens Meridian, Simpson County, Hydrologic Unit 03180002, on county road, 6.0 mi northeast of Rockport.	678	D	P	74	>50
254	02487900 Copiah Creek near Hazlehurst, MS	Lat. 31°53'23", long. 90°17'23", in SE¼ sec.27, T.1 N., R.1 W., Choctaw Meridian, Copiah County, Hydrologic Unit 03180003, on State Highway 28, 6.2 mi east of Hazlehurst.	47.4	F	P	7.1	8

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
255	02488100 Bahala Creek near Oma, MS	Lat. 31°42'03", long. 90°08'34", in SE¼ sec.36, T.9 N., R.10 E., Washington Meridian, Lawrence, County, Hydrologic Unit 03180003, on State Highway 27, 1.5 mi south of Oma.	150	F	P	14	17
256	02488350 Fair River near Monticello, MS	Lat. 31°37'01", long. 90°07'48", in SE¼ sec.31, T.8 N., R.11 E., Washington Meridian, Lawrence County, Hydrologic Unit 03180003, on State Highway 27, 4.5 mi north of Monticello.	103	F	P	24	21
257	02488351 Bear Creek at Wanilla, MS	Lat. 31°38'16", long. 90°07'58", in NE¼ sec.30, T.8 N., R.11 E., Washington Meridian, Lawrence County, Hydrologic Unit 03180003, on State Highway 27, 0.5 mi southwest of Wanilla.	25.1	F	P	0.2	>30
258	02488520 Halls Creek at Monticello, MS	Lat. 31°31'55", long. 90°06'32", in NE¼ sec.32, T.7 N., R.21 E., Washington Meridian, Lawrence County, Hydrologic Unit 03180003, on State Highway 27, 1.2 mi south of Monticello.	42.6	F	P	17	>30
259	02488555 East Prong Silver Creek at Gwinville, MS	Lat. 31°44'27", long. 89°54'14", in SW¼ sec.15, T.9 N., R.19 W., St. Stephens Meridian, Jefferson Davis County, Hydrologic Unit 03180003, on county road, 0.5 mi south of Gwinville.	26.4	F	P	14	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
260	02488600 Silver Creek at Silver Creek, MS	Lat. 31°36'17", long. 89°59'38", in NE¼ sec.3, T.7 N., R.20 W., St. Stephens Meridian, Lawrence County, Hydrologic Unit 03180003, on U.S.Highway 84, at Silver Creek.	123	F	P	71	9
261	02488630 Silver Creek near Arm, MS	Lat. 31°30'57", long. 90°02'06", in SW¼ sec.5, T.6 N., R.20 W., St. Stephens Meridian, Lawrence County, Hydrologic Unit 03180003, on State Highway 43, 2.0 mi northwest of Arm.	163	F	P	82	>30
262	02488650 White Sand Creek near Prentiss, MS	Lat. 31°34'04", long. 89°53'27", in SW¼ sec.14, T.7 N., R.19 W., St. Stephens Meridian, Jefferson Davis County, Hydrologic Unit 03180003, on State Highway 13, 2.0 mi south of Prentiss.	43.1	F	P	7.0	16
263	02488660 Jaybird Creek near Prentiss, MS	Lat. 31°31'44", long. 89°53'27", in SE¼ sec.34, T.7 N., R.19 W., St. Stephens Meridian, Jefferson Davis County, Hydrologic Unit 03180003, on State Highway 13, 5.0 mi south of Prentiss.	43.8	F	P	19	>30
264	02488700 White Sand Creek near Oakvale, MS	Lat. 31°28'14", long 89°58'25", in SW¼ sec.24, T.6 N., R.20 W., St. Stephens Meridian, Lawrence County, Hydrologic Unit 03180003, on State Highway 43, 2.3 mi north of Oakvale.	130	F	C	67	5

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
265	02488720 Tilton Creek near Oak Vale, MS	Lat. 31°24'32", long. 90°01'08", in SW¼ sec.8, T.5 N., R.12 E., Washington Meridian, Lawrence County, Hydrologic Unit 03180003, on county road, 4.0 mi southwest of Oak Vale.	40.0	F	P	30	>30
266	02488750 East Fork Greens Creek near Goss, MS	Lat. 31°25'40", long. 89°53'31", in NE¼ sec.3, T.5 N., R.19 W., St. Stephens Meridian, Jefferson Davis County, Hydrologic Unit 03180003, on State Highway 13, 5.2 ni north of Goss.	18.7	F	P	1.0	>30
267	02488770 Morgan Creek at Morgantown, MS	Lat. 31°18'50", long. 89°55'26", in SE¼ sec.18, T.4 N., R.13 E., Washington Meridian, Marion County, Hydrologic Unit 03180003, on county road, at Morgantown.	18.5	F	P	18	>30
268	02488850 Holiday Creek at Goss, MS	Lat. 31°20'45", long. 89°52'48", in NE¼ sec.2, T.5 N., R.19 W., St. Stephens Meridian, Marion County, Hydrologic Unit 03180003, on State Highway 13, 0.8 mi southeast of Goss.	75.8	F	P	38	11
269	02488950 Jones Creek at Columbia, MS	Lat. 31°16'22", long. 89°50'09", in NW¼ sec.32, T.4 N., R.18 W., St. Stephens Meridian, Marion County, Hydrologic Unit 03180004, on State Highway 13, 1.5 mi north of Columbia.	4.63	F	P	0.05	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
270	02489060 Silver Creek at Foxworth, MS	Lat. 31°14'02", long. 89°52'19", in NE¼ sec.15, T.3 N., R.13 E., Washington Meridian, Marion County, Hydrologic Unit 03180004, on county road, at Foxworth.	37.2	F	P	27	>30
271	02489100 Graves Creek near Columbia, MS	Lat. 31°16'01", long. 89°42'53", in NW¼ sec.33, T.4 N., R.17 W., St. Stephens Meridian, Marion County, Hydrologic Unit 03180004, on U.S. Highway 98, 5.5 mi east of Columbia.	18.1	F	P	8.7	>30
272	02489130 Upper Little Creek at Lampton, MS	Lat. 31°11'16", long. 89°47'31", in SE¼ sec.27, T.3 N., R.18 W., St. Stephens Meridian, Marion County, Hydrologic Unit 03180004, on State Highway 13, 0.5 mi south of Lampton.	115	F	P	28	>30
273	02489200 Ten Mile Creek near Columbia, MS	Lat. 31°09'35", long. 89°51'00", in NW¼ sec.12, T.2 N., R.13 E., St. Stephens Meridian, Marion County, Hydrologic Unit 03180004, on State Highway 35, 9.0 mi south of Columbia.	38.5	F	P	49	>30
274	02489225 Half Moon Creek near Baxterville, MS	Lat. 31°09'46", long. 89°35'02", in SW¼ sec.2, T.2 N., R.16 W., St. Stephens Meridian, Lamar County, Hydrologic Unit 03180004, at confluence with Hurricane Creek, 5.5 mi north of Baxterville.	23.3	F	P	10	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
275	02489230 Hurricane Creek near Baxterville, MS	Lat. 31°09'50", long. 89°34'58", in SW¼ sec.2, T.2 N., R.16 W., St. Stephens Meridian, Lamar County, Hydrologic Unit 03180004, at confluence with Half Moon Creek, 5.5 mi north of Baxterville.	39.7	F	P	6.7	>30
276	02489235 Bay Creek near Baxterville, MS	Lat. 31°10'01", long. 89°35'06", in NW¼ sec.2, T.2 N., R.16 W., St. Stephens Meridian, Lamar County, Hydrologic Unit 03180004, at mouth, 5.5 mi north of Baxterville.	11.2	F	P	1.3	57
277	02489239 Gully Creek near Baxterville, MS	Lat. 31°09'28", long. 89°37'33", in SE¼ sec.5, T.2 N., R.16 W., St. Stephens Meridian, Lamar County, Hydrologic Unit 03180004, at mouth, 6.0 mi northwest of Baxterville.	23.2	F	P	4.2	>30
278	02489240 Lower Little Creek near Baxterville, MS	Lat. 31°09'35", long. 89°37'48", in SE¼ sec.5, T.2 N., R.16 W., St. Stephens Meridian, Lamar County, Hydrologic Unit 03180004, on county road, 5.0 mi northwest of Baxterville.	81.5	F	P	24	24
279	02489250 Lower Little Creek at Hub, MS	Lat. 31°08'31", long. 89°45'28", in SE¼ sec.12, T.2 N., R.18 W., St. Stephens Meridian, Marion County, Hydrologic Unit 03180004, on State Highway 13, 0.5 mi southwest of Hub.	122	F	P	25	25

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
280	02489262 Hurricane Creek near Sandy Hook, MS	Lat. 31°05'42", long. 89°49'40", in SW¼ sec.31, T.2 N., R.14 E., Washington Meridian, Marion County, Hydrologic Unit 03180004, on State Highway 35, 4.0 mi north of Sandy Hook.	15.8	F	P	2.9	>30
281	02489263 Sweetwater Creek near Sandy Hook, MS	Lat. 31°04'11", long. 89°49'12", in NW¼ sec.7, T.1 N., R.14 E., Washington Meridian, Marion County, Hydrologic Unit 03180004, on State Highway 35, 2.7 mi north of Sandy Hook.	3.02	F	P	6.8	>30
282	024892693 Clear Creek southwest of Baxterville, MS	Lat. 31°04'01", long. 89°38'23", in NE¼ sec.7, T.1 N., R.16 W., St. Stephens Meridian, Lamar County, Hydrologic Unit 03180004, on county road, 3.2 mi southwest of Baxterville.	12.6	F	P	5.5	>30
283	02489270 Clear Creek near Sandy Hook, MS	Lat. 31°02'16", long. 89°44'27", in NE¼ sec.19, T.1 N., R.17 W., St. Stephens Meridian, Marion County, Hydrologic Unit 03180004, on State Highway 43, 3.5 mi east of Sandy Hook.	40.8	F	P	11	27
284	02490000 Bogue Lusa Creek near Franklinton, LA	Lat. 30°52'05", long.90°00'10", in NW¼ sec.39, T.2 S., R.12 E., St. Helena Meridian, Washington Parish, Hydrologic Unit 03180004, on State Highway 10, 9.0 mi east of Franklinton.	12.1	F	C	1.2	22

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
285	02490250 Bogue Chitto near Brookhaven, MS	Lat. 31°32'24", long. 90°28'47", in SW¼ sec.26, T.7 N., R.7 E., Washington Meridian, Lincoln County, Hydrologic Unit 03180005, on U.S. Highway 84, 2.5 mi southwest of Brookhaven.	28.3	F	P	0.6	49
286	02490300 Big Creek at Bogue Chitto, MS	Lat. 31°27'00", long. 90°27'36", in NW¼ sec.36, T.6 N., R.7 E., Washington Meridian, Lincoln County, Hydrologic Unit 03180005, on U.S. Highway 51, 0.5 mi north of Bogue Chitto.	55.1	F	P	10	>30
287	02490310 Bogue Chitto at Bogue Chitto, MS	Lat. 31°26'16", long. 90°26'45", in SW¼ sec.31, T.6 N., R.8 E., Choctaw Meridian, Lincoln County, Hydrologic Unit 03180005, on county road, 0.3 mi east of Bogue Chitto.	161	F	P	23	>30
288	02490350 Albritton Creek near Bogue Chitto, MS	Lat. 31°22'48", long. 90°28'19", in SW¼ sec.23, T.5 N., R.7 E., Washington Meridian, Lincoln County, Hydrologic Unit 03180005, on U.S. Highway 51, 4.0 mi south of Bogue Chitto.	6.00	F	P	1.7	>30
289	02490448 East Fork Topisaw Creek near Pricedale, MS	Lat. 31°19'33", long. 90°18'07", in SE¼ sec.9, T.4 N., R.9 E., Washington Meridian, Pike County, Hydrologic Unit 03180005, on county road, 3.5 mi northwest of Pricedale.	57.6	F	P	15	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
290	02490449 West Fork Topisaw Creek near Pricedale, MS	Lat. 31°19'08", long. 90°19'12", in NW¼ sec.17, T.4 N., R.9 E., Washington Meridian, Pike County, Hydrologic Unit 03180005, on State Highway 591, 2.6 mi northwest of Pricedale.	43.4	F	P	11	>30
291	02490450 Topisaw Creek at Pricedale, MS	Lat. 31°17'13", long. 90°18'00", in NE¼ sec.28, T.4 N., R.9 E., Washington Meridian, Pike County, Hydrologic Unit 03180005, on State Highway 44, 0.25 mi west of Pricedale.	110	F	P	21	>30
292	02490480 Leatherwood Creek near Holmesville, MS	Lat. 31°11'56", long. 90°16'19", in NW¼ sec.26, T.3 N., R.9 E., Washington Meridian, Pike County, Hydrologic Unit 03180005, on county road, 2.2 mi southeast of Holmesville.	32.4	F	P	3.7	>30
293	02490500 Bogue Chitto near Tylertown, MS	Lat. 31°10'37", long90°16'48", in SE¼ sec.34, T.3 N., R.9 E., Washington Meridian, Pike County, Hydrologic Unit 03180005, on U.S. Highway 98, 9.2 mi northwest of Tylertown.	492	F	C	192	5
294	02490700 Union Creek near Tylertown, MS	Lat. 31°09'35", long. 90°07'48", in SE¼ sec.6, T.2 N., R.11 E., Washington Meridian, Walthall County, Hydrologic Unit 03180005, on State Highway 27, 3.2 mi north of Tylertown.	12.4	F	P	2.9	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
295	02490750 McGees Creek at Tylertown, MS	Lat. 31°06'36", long. 90°07'48", in NE¼ sec.30, T.2 N., R.11 E., Washington Meridian, Walthall County, Hydrologic Unit 03180005, on U.S. Highway 98, 0.6 mi east of Tylertown.	152	F	P	39	9
296	02491500 Bogue Chitto at Franklinton, LA	Lat. 30°50'35", long.90°09'45", in S½ sec.46, T.2 S., R.10 E., Washington Meridian, Washington Parish, Hydrologic Unit 03180005, on State Highway 10, 0.8 mi west of Franklinton.	985	F	C	411	5
297	02492000 Bogue Chitto near Bush, LA	Lat. 30°37'45", long. 89°53'50", in NE¼ lot 42, T.5 S., R.13 E., Washington Meridian, St. Tammany Parish, Hydrologic Unit 03180005, on State Highway 21, 1.4 mi north of Bush.	1,210	F	C	464	4
298	02492350 East Hobolochitto Creek at Picayune, MS	Lat. 30°31'47", long. 89°40'11", in SW¼ sec.11, T.6 S., R.17 W., St. Stephens Meridian, Pearl River County, Hydrologic Unit 03180004, on U.S. Highway 11, at Picayune.	114	F	P	6.6	80
299	02492355 West Hobolochitto Creek near Poplarville, MS	Lat. 30°47'59", long. 89°39'14", in SW¼ sec.12, T.3 S., R.17 W., St. Stephens Meridian, Pearl River County, Hydrologic Unit 03180004, on State Highway 26, 7.5 mi southwest of Poplarville.	95.3	F	P	7.4	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
300	02492360 West Hobolochitto Creek near McNeill, MS	Lat. 30°39'35", long. 89°41'24", in NE¼ sec.34, T.4 S., R.17 W., St. Stephens Meridian, Pearl River County, Hydrologic Unit 03180004, on county road, 3.1 mi west of McNeill.	175	F	P	22	29
301	02492370 West Hobolochitto Creek near Picayune, MS	Lat. 30°34'40", long. 89°41'20", in SW¼ sec.27, T.5 S., R.17 W., St. Stephens Meridian, Pearl River County, Hydrologic Unit 03180004, 0.2 mi upstream from George Branch, 2.2 mi north of Picayune.	209	F	P	23	>30
302	03592100 Bear Creek near Tishomingo, MS	Lat. 34°37'47", long. 88°09'32", in SE¼ sec.20, T.5 S., R.11 E., Chickasaw Meridian, Tishomingo County,Hydrologic Unit 06030006, on State Highway 30, 4.0 mi east of Tishomingo.	329	B	P	17	>40
303	03592550 Cripple Deer Creek near Tishomingo, MS	Lat. 34°41'52", long. 88°13'15", in SW¼ sec.26, T.4 S., R.10 E., Chickasaw Meridian, Tishomingo County, Hydrologic Unit 06030006, on State Highway 25, 4.2 mi north of Tishomingo.	10.6	B	P	0.2	>40
304	03592700 Yellow Creek Drainage Canal at Burnsville, MS	Lat. 34°49'44", long. 88°18'14", in S½ sec.12, T.3 S., R.9 E., Chickasaw Meridian, Tishomingo County, Hydrologic Unit 06030005, on State Highway 72, 0.8 mi southeast of Burnsville.	46.3	B	P	0.1	>40

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
305	03592710 Little Yellow Creek near Burnsville, MS	Lat. 34°49'08", long. 88°16'55", in SE¼ sec.18, T.3 S., R.10 E., Chickasaw Meridian, Tishomingo County, Hydrologic Unit 06030005, on U.S. Highway 72, 3.0 mi southeast of Burnsville.	11.5	B	P	1.3	36
306	03592718 Little Yellow Creek East near Burnsville, MS	Lat. 34°50'05", long. 88°17'14", in SE¼ sec.7, T.3 S., R.10 E., Chickasaw Meridian, Tishomingo County, Hydrologic Unit 06030005, on county road, 2.0 mi east of Burnsville.	24.7	B	C	3.1	6
307	03592720 Yellow Creek near Burnsville, MS	Lat. 34°51'03", long. 88°18'10", in NE¼ sec.1, T.3 S., R.9 E., Chickasaw Meridian, Tishomingo County, Hydrologic Unit 06030005, on county road, 1.0 mi northeast of Burnsville.	75.5	B	P	4.0	>40
308	03592750 Little Yellow Creek Drainage Canal near Burnsville, MS	Lat. 34°51'03", long. 88°20'38", in NW¼ sec.3, T.3 S., R.9 E., Chickasaw Meridian, Tishomingo County, Hydrologic Unit 06030005, on State Highway 72, 1.5 mi northwest of Burnsville.	15.5	B	P	1.4	>40
309	03592800 Yellow Creek at Moser Bridge at Doskie, MS	Lat. 34°54'02", long. 88°17'35", in SW¼ sec.18, T.2 S., R.10 E., Chickasaw Meridian, Tishomingo County, Hydrologic Unit 06030005, on county road, 0.4 mi south of Doskie.	143	B	C	11	16

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
310	03593010 Chambers Creek at Kendrick, MS	Lat. 34°58'48", long. 88°22'48", in SE¼ sec.19, T.1 S., R.9 E., Chickasaw Meridian, Alcorn County, Hydrologic Unit 06040001, on county road, 0.5 mi north of Kendrick.	21.1	B	P	0.7	60
311	07029250 Hatchie River near Ripley, MS	Lat. 34°43'26", long. 88°52'37", in NW¼ sec.22, T.4 S., R.5 E., Chickasaw Meridian, Tippah County, Hydrologic Unit 08010207, on State Highway 4, 10.5 mi east of Ripley.	36.2	B	P	1.4	>40
312	07029260 Little Hatchie River near Ripley, MS	Lat. 34°45'03", long. 88°50'02", in NW¼ sec.12, T.4 S., R.4 E., Chickasaw Meridian, Tippah County, Hydrologic Unit 08010207, on county road, 6.5 mi east of Ripley.	29.3	B	P	2.1	>40
313	07029267 Hatchie River near Kossuth, MS	Lat. 34°49'04", long. 88°43'44", in SW¼ sec.13, T.3 S., R.5 E., Chickasaw Meridian, Alcorn County, Hydrologic Unit 08010207, on State Highway 2, 6.3 mi southwest of Kossuth.	129	B	P	8.4	>40
314	07029270 Hatchie River near Walnut, MS	Lat. 34°56'37", long. 88°47'08", in NW¼ sec.4, T.2 S., R.5 E., Chickasaw Meridian, Alcorn County, Hydrologic Unit 08010207, on U.S. Highway 72, 6.5 mi east of Walnut.	272	B	C	25	11

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
315	07029277 Hinkle Creek near Reinzi, MS	Lat. 34°46'26", long. 88°33'35", in SE¼ Sec.33, T.3S., R.7 E., Chickasaw Meridian, Alcorn County, Hydrologic Unit 08010207, on U.S. Highway 45, 45, 2 mi northwest of Rienzi.	15.2	B	P	0	(a)
316	070292784 Tuscumbia River near Biggersville, MS	Lat. 34°50'31", long. 88°30'57", in NE¼ sec.12, T.3 S., R.7 E., Chickasaw Meridian, Alcorn County, Hydrologic Unit 08010207, on county road, 2.5 mi northeast of Biggersville.	248	B	P	5.0	>40
317	07029279 Mays Creek near Biggersville, MS	Lat. 34°51'03", long. 88°33'32", in E½ sec.9, T.3 S., R.7 E., Chickasaw Meridian, Alcorn County, Hydrologic Unit 08010207, on U.S. Highway 45, 0.9 mi north of Biggersville.	7.21	B	P	0	(a)
318	07029300 Tuscumbia River near Corinth, MS	Lat. 34°55'51", long. 88°35'52", in SE¼ sec.6, T.2 S., R.7 E., Chickasaw Meridian, Alcorn County, Hydrologic Unit 08010207, on U.S. Highway 72, 4.0 mi west of Cornith.	278	B	P	5.8	43
319	07029411 Muddy Creek near Tiplersville, MS	Lat. 34°53'41", long. 88°53'52", in NE¼ sec.20, T.2 S., R.4 E., Chickasaw Meridian, Tippah County, Hydrologic Unit 08010207, on county road, 0.5 mi east of Tiplersville.	86.1	B	P	0	(a)

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
320	07029415 Muddy Creek at Walnut, MS	Lat. 34°57'14", long. 88°52'40", in NE¼ sec.33, T.1 S., R.4 E., Chickasaw Meridian, Tippah County, Hydrologic Unit 08010207, on U.S. Highway 72, 1.0 mi east of Walnut.	88.3	B	P	0.4	>40
321	07030360 Wolf River near Brody, MS	Lat. 34°54'14", long. 89°04'44", in SW¼ sec.15, T.2 S., R.2 E., Chickasaw Meridian, Benton County, Hydrologic Unit 08010210, on county road, 1.6 mi south of Brody.	20.3	A	P	0.9	>40
322	07030364 Grogg Creek at Canaan, MS	Lat. 34°55'33", long. 89°06'39", in NE¼ sec.8, T.2 S., R.2 E., Chickasaw Meridian, Benton County, Hydrologic Unit 08010210, on county road, 0.1 mi southeast of Canaan.	14.8	A	P	1.8	>40
323	07030370 Wolf River at Springhill, MS	Lat. 34°56'45", long. 89°11'49", in SE¼ sec.33, T.1 S., R.1 E., Chickasaw Meridian, Benton County, Hydrologic Unit 08010210, on U.S. Highway 72, 1.0 mi northeast of Springhill.	104	A	P	3.3	>40
324	07030380 Grays Creek near Springhill, MS	Lat. 34°56'49", long. 89°16'22", in NE¼ sec.2, T.2 S., R.1 W., Chickasaw Meridian, Benton County, Hydrologic Unit 08010210, on U.S. Highway 72, 3.5 mi northwest of Springhill.	21.9	A	P	2.7	>40

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
325	07030390 Grays Creek near Michigan City, MS	Lat. 34°58'01", long. 89°16'26", in SW¼ sec.26, T.1 S., R.1 W., Chickasaw Meridian, Benton County, Hydrologic Unit 08010210, on State Highway 7, 1.8 mi southwest of Michigan City.	23.3	A	P	4.9	>40
326	07265500 Little Tallahatchie River near New Albany, MS	Lat. 34°34'37", long. 88°53'38", in NE¼ sec.8., T.6 S., R.4 E., Chickasaw Meridian, Union County, Hydrologic Unit 08030201, on county road, 9.0 mi northeast of New Albany.	23.5	A	P	8.9	>40
327	07266000 Cane Creek near New Albany, MS	Lat. 34°34'20", long 88°57'20", in SW¼ sec.11, T.6 S., R.3 E., Chickasaw Meridian, Union County, Hydrologic Unit 08030201, on county road, 6.2 mi northeast of New Albany.	22.2	A	C	0.6	22
328	07266500 Jasper Creek at Cotton Plant, MS	Lat. 34°35'38", long. 89°00'35", in NW¼ sec.5, T.6 S., R.3 E., Chickasaw Meridian, Union County, Hydrologic Unit 08030201, on county road, 0.5 mi west of Cotton Plant.	11.4	A	P	0	(a)
329	07267000 Hell Creek near New Albany, MS	Lat. 34°31'04", long. 89°03'03", in SW¼ sec.36, T.6 S., R.2 E., Chickasaw Meridian, Union County, Hydrologic Unit 08030201, on U.S. Highway 78, 3.0 mi northwest of New Albany.	26.8	A	P	0	(a)

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
330	07267095 Cherry Creek near Ecru, MS	Lat. 34°20'27", long. 88°59'02", in SE¼ sec.33, T.8 S., R.3 E., Chickasaw Meridian, Pontotoc County, Hydrologic Unit 08030201, on State Highway 345,02.4 mi south-east of Ecru.	8.97	A	P	0.08	>40
331	07267100 Lappatubby Creek at Ecru, MS	Lat. 34°20'59", long. 89°02'02", in NE¼ sec.36, T.8 S., R.2 E., Chickasaw Meridian, Pontotoc County, Hydrologic Unit 08030201, on State High-way 15, 0.5 mi west of Ecru.	47.4	A	P	0.7	>40
332	07267500 Lockes Creek near Etta, MS	Lat. 34°28'01", long. 89°08'20", in SE¼ sec.13, T.7 S., R.1 E., Chickasaw Meridian, Union County, Hydrologic Unit 08030201, on State Highway 30, 4.0 mi east of Etta.	29.0	A	P	0.2	>40
333	07268000 Little Tallahatchie River at Etta, MS	Lat. 34°29'00", long 89°13'30", in SW¼ sec.8, T.7 S., R.1 E., Chickasaw Meridian, Union County, Hydrologic Unit 08030201, on State Highway 30, 0.8 mi northeast of Etta.	526	A	C	9.8	13
334	07268200 Fice Creek at Etta, MS	Lat. 34°28'19", long. 89°14'20", in SW¼ sec.18, T.7 S., R.1 E., Chickasaw Meridian, Union County, Hydrologic Unit 08030201, on State Highway 30, 0.8 mi west of Etta.	8.78	A	P	0.2	69

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
335	07268500 Cypress Creek near Etta, MS	Lat. 34°26'31", long. 89°17'23", in SE¼ sec.27, T.7 S., R.1 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 08030201, on State Highway 30, 4.5 mi southwest of Etta.	28.5	A	P	1.9	>40
336	07269000 North Tippah Creek near Ripley, MS	Lat. 34°43'58", long. 89°01'29", in SW¼ sec.18, T.4 S., R.3 E., Chickasaw Meridian, Tippah County, Hydrologic Unit 08030201, on State Highway 4, 5.5 mi west of Ripley.	19.3	A	P	0	(a)
337	07269500 Tippah Drainage Canal near Blue Mountain, MS	Lat. 34°41'27", long. 89°00'03", in SE¼ sec.32, T.4 S., R.3 E., Chickasaw Meridian, Tippah County, Hydrologic Unit 08030201, on State Highway 15, 2.2 mi north of Blue Mountain.	19.4	A	P	0.5	>40
338	07269700 Yellow Rabbit Creek near Ashland, MS	Lat. 34°45'21", long. 89°08'49", in N½ sec.12, T.4 S., R.1 E., Chickasaw Meridian, Benton County, Hydrologic Unit 08030201, on State Highway 4, 5 mi south of Ashland.	16.2	A	P	3.4	30
339	07269790 Rhoden Creek near Pine Grove, MS	Lat. 34°45'21", long. 89°10'08", in NW¼ sec.11, T.4 S., R.1 E., Chickasaw Meridian, Benton County, Hydrologic Unit 08030201, on State Highway 4, 4.3 mi north of Pine Grove.	7.73	A	P	2.5	>40

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
340	07269800 Tippah Creek near Ashland, MS	Lat. 34°44'38", long. 89°10'51", in NE¼ sec.15, T.4 S., R.1 E., Chickasaw Meridian, Benton County, Hydrologic Unit 08030201, on State Highway 5, 6.0 mi south of Ashland.	142	A	P	13	>40
341	07269815 Snow Creek near Pine Grove, MS	Lat. 34°43'22", long. 89°14'06", in NE¼ sec.19, T.4 S., R.1 E., Chickasaw Meridian, Benton County, Hydrologic Unit 08030201, on county road, 3.5 mi northwest of Pine Grove.	48.7	A	P	38	>40
342	07269880 Tippah River near Potts Camp, MS	Lat. 34°39'39", long. 89°18'50", in NW¼ sec.9, T.6 S., R.1 W., Chickasaw Meridian, Marshall County, Hydrologic Unit 08030201, on U.S. Highway 78, 1.3 mi north of Potts Camp.	248	A	P	52	>40
343	07269970 Chewalla Creek near Potts Camp, MS	Lat. 34°40'40", long. 89°19'51", in SW¼ sec.5, T.5 S., R.1 W., Chickasaw Meridian, Marshall County, Hydrologic Unit 08030201, on U.S. Highway 78, 1.8 mi northwest of Potts Camp.	43.2	A	P	50	>40
344	07270000 Potts Creek near Potts Camp, MS	Lat. 34°35'42", long. 89°20'02", in NE¼ sec.6, T.6 S., R.1 W., Chickasaw Meridian, Marshall County, Hydrologic Unit 08030201, on State Highway 349, 3.9 mi south of Potts Camp.	9.14	A	P	0	(a)

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
345	07270500 Bagley Creek near Abbeville, MS	Lat. 34°30'17", long. 89°24'53", in SW¼ sec.4, T.7 S., R.2 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 08030201, on county road, 5.0 mi east of Abbeville.	9.96	A	P	0.3	44
346	07270540 Big Spring Creek near Waterford, MS	Lat. 34°38'02", long. 89°23'45", in NW¼ sec.22, T.5 S., R.2 W., Chickasaw Meridian, Marshall County, Hydrologic Unit 08030201, on county road, 3.5 mi east of Waterford.	37.8	A	P	16	>40
347	07270600 Little Spring Creek at Malone, MS	Lat. 34°34'33", long. 89°28'30", in SE¼ sec.11, T.6 S., R.3 W., Chickasaw Meridian, Marshall County, Hydrologic Unit 08030201, east of State Highway 7, at Malone.	23.2	A	P	35	>40
348	07270800 Hurricane Creek near Oxford, MS	Lat. 34°26'27", long. 89°30'43", in NE¼ sec.28, T.7 S., R.3 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 08030201, on State Highway 7, 6 mi north of Oxford.	11.0	A	P	6.3	61
349	07271000 Clear Creek near Oxford, MS	Lat.34°21'20", long 89°39'30", in SE¼ sec.30, T.8 S., R.4 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 08030201, on State Highway 6, 8.3 mi west of Oxford.	10.4	A	C	4.2	6

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
350	07271500 Hudson Creek near Oxford, MS	Lat. 34°21'14", long. 89°40'33", in SE¼ sec.25, T.8 S., R.5 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 08030201, on State Highway 6, 9.5 mi west of Oxford.	9.12	A	P	0.1	60
351	07273000 Tallahatchie River near Sardis, MS	Lat. 34°23'13", long. 89°52'55", in SE¼ sec.13, T.8 S., R.7 W., Chickasaw Meridian, Panola County, Hydrologic Unit 08030201, on old U.S. Highway 51, 4.0 mi southeast of Sardis.	1,595	A	P	274	17
352	07273100 Hotopha Creek near Batesville, MS	Lat. 34°21'50", long. 89°52'40", in NW¼ sec.30, T.8 S., R.6 W., Panola County, Hydrologic Unit 08030201, on State Highway 35, 4.4 mi northeast of Batesville.	35.1	A	P	2.1	>40
353	07273800 Yocona River near Tula, MS	Lat. 34°15'32", long. 89°21'32", in NE¼ sec.36, T.9 S., R.2 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 08030203, on State Highway 331, 1.9 mi north of Tula.	121	A	P	0.3	>40
354	07274000 Yocona River near Oxford, MS	Lat. 34°16'23", long. 89°31'11", in NW¼ sec.28, T.9 S., R.3 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 08030203, on State Highway 7, 6 mi south of Oxford.	254	A	C	8.3	15

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
355	07274100 Humphreys Creek near Taylor, MS	Lat. 34°14'34", long. 89°34'01", in NE¼ sec.1, T.10 S., R.4 W., Chickasaw Meridian, Lafayette County, Hydrologic Unit 08030203, on State Highway 7,02.4 mi southeast of Taylor.	5.12	A	P	1.1	>40
356	07274250 Otoucalofa Creek at Water Valley, MS	Lat. 34°08'27", long. 89°38'13", in NE¼ sec.8, T.11 S., R.4 W., Chickasaw Meridian, Yalobusha County, Hydrologic Unit 08030203, on State Highway 7, 0.9 mi south of Water Valley.	84.1	A	P	5.3	19
357	07275500 Long Creek at Courtland, MS	Lat. 34°13'40", long. 89°56'20", in SE¼ sec.9, T.10 S., R.7 W., Chickasaw Meridian, Panola County, Hydrologic Unit 08030203, on U.S. Highway 51, 1.0 mi south of Courtland.	62.3	A	P	1.3	60
358	07275530 Peters (Long) Creek near Pope, MS	Lat. 34°12'50", long. 89°58'55", in SW¼ sec.18, T.10 S., R.7 W., Chickasaw Meridian, Panola County, Hydrologic Unit 08030203, on county road,02.0 mi west of Pope.	79.2	A	P	5.0	>40
359	07275950 Coldwater River near Lewisburg, MS	Lat. 34°51'39", long. 89°48'25", in SW¼ sec.35, T.2 S., R.6 W., Chickasaw Meridian, DeSoto County, Hydrologic Unit 08030204, on county road, 1.5 mi east of Lewisburg.	210	A	P	24	>40

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
360	07276000 Coldwater River near Lewisburg, MS	Lat. 34°50'27", long. 89°49'33", in NW¼ sec.10, T.3 S., R.6 W., Chickasaw Meridian, De Soto County, Hydrologic Unit 08030204, on State Highway 305, 1.6 mi south of Lewisburg.	213	A	C	24	15
361	07276440 Pigeon Roost Creek near Holly Springs, MS	Lat. 34°44'16", long. 89°32'16", in NW¼ sec.17, T.4 S., R.3 W., Chickasaw Meridian, Marshall County, Hydrologic Unit 08030204, on county road, 5 mi southwest of Holly Springs.	35.1	A	P	0.3	>40
362	07276460 Pigeon Roost Creek near Red Banks, MS	Lat. 34°45'10", long. 89°34'55", in NE¼ sec.11, T.4 S., R.4 W., Chickasaw Meridian, Marshall County, Hydrologic Unit 08030204, on county road, 5.3 mi south of Red Banks.	50.1	A	P	5.4	>40
363	07276500 Pigeon Roost Creek near Byhalia, MS	Lat. 34°45'36", long. 89°41'45", in SE¼ sec.2, T.4 S., R,5 W., Chickasaw Meridian, Marshall County, Hydrologic Unit 08030204, on county road, 8 mi south of Byhalia.	117	A	P	18	38
364	07277000 Pigeon Roost Creek near Lewisburg, MS	Lat. 34°49'49", long. 89°49'20", in NW¼ sec.15, T.3 S., R.6 W., Chickasaw Meridian, De Soto County, Hydrologic Unit 08030204, on county road, 2.4 mi south of Lewisburg.	229	A	C	33	8

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
365	07277100 Camp Creek near Pleasant Hill, MS	Lat. 34°55'04", long. 89°52'19", in SE¼ sec.7, T.2 S., R.6 W., Chickasaw Meridian, DeSoto County, Hydrologic Unit 08030204, on county road, 1.3 mi northeast of Pleasant Hill.	32.0	A	P	0	(*a*)
366	07277200 Camp Creek near Lewisburg, MS	Lat. 34°51'36", long. 89°52'58", in SE¼ sec.36, T.2 S., R.7 W., Chickasaw Meridian, DeSoto County, Hydrologic Unit 08030204, on county road, 3.0 mi west of Lewisburg.	55.6	A	P	0	(*a*)
367	07277500 Coldwater River near Coldwater, MS	Lat. 34°43'16", long. 89°59'19", in SE¼ sec.24, T.4 S., R.7 W., Chickasaw Meridian, Tate County, Hydrologic Unit 08030204, on U.S. Highway 51, 1.2 mi northwest of Coldwater.	634	A	C	78	8
368	07277700 Hickahala Creek near Senatobia, MS	Lat. 34°37'51", long. 89°55'33", in NW¼ sec.22, T.5 S., R.7 W., Chickasaw Meridian, Tate County, Hydrologic Unit 08030204,on county road, 1.7 mi east of Senatobia.	122	A	P	6.5	>40
369	07277760 Hickhala Creek near Coldwater, MS	Lat. 34°39'14", long. 89°58'26", in NE¼ sec.18, T.5 S., R.7 W., Chickasaw Meridian, Tate County, Hydrologic Unit 08030204, on U.S. Highway 51, 2.2 mi south of Coldwater.	213	A	P	9.9	>40

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
370	07279550 Arkabutla Creek near Senatobia, MS	Lat. 34°37'08", long. 90°01'58", in NW¼ sec.27, T.5 S., R.8 W., Chickasaw Meridian, Tate County, Hydrologic Unit 08030204, on State Highway 4, 3.5 mi west of Senatobia.	18.9	A	P	1.1	>40
371	07279647 Strayhorn Creek near Savage, MS	Lat. 34°36'14", long. 90°12'25", in SW¼ sec.36, T.5 S., R.10 W., Chickasaw Meridian, Tate County, Hydrologic Unit 08030204, on State Highway 3, 2.2 mi southeast of Savage.	48.4	A	P	0.2	>40
372	07280270 Tillatoba Creek below Oakland, MS	Lat. 33°59'42", long. 89°57'10", in NE¼ sec.35, T.25 N., R.3 E., Choctaw Meridian, Tallahatchie County, Hydrologic Unit 08030202, on county road, 4.6 mi southwest of Oakland.	37.1	A	P	0.5	60
373	07280340 South Fork Tillatoba Creek near Charleston, MS	Lat. 33°58'42", long. 89°58'45", in NE¼ sec.4, T.24 N., R.3 E., Choctaw Meridian, Tallahatchie County, Hydrologic Unit 08030202, on county road, 4.8 mi southeast of Charleston.	53.9	A	C	1.6	15
374	07280400 Tillatoba Creek at Charleston, MS	Lat. 34°00'00", long. 90°03'54", in NW¼ sec.35, T.25 N., R.2 E., Choctaw Meridian, Tallahatchie County, Hydrologic Unit 08030202, on State Highway 35, 0.1 mi south of Charleston.	115	A	P	1.8	>40

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
375	07280500 North Fork Tillatoba Creek near Charleston, MS	Lat. 34°02'13", long. 90°03'00", in NE¼ sec.14, T.25 N., R.2 E., Choctaw Meridian, Tallahatchie County, Hydrologic Unit 08030202, on county road, 02.3 mi north of Charleston.	44.8	A	P	2.8	>40
376	07282000 Yalobusha River at Calhoun City, MS	Lat. 33°50'20", long. 89°18'55", in SE¼ sec.23, T.23 N., R.9 E., Choctaw Meridian, Calhoun County, Hydrologic Unit 08030205, on State Highway 9, 1.2 mi south of Calhoun City. Records include flow Topashaw Creek Canal and all supplemental channels.	305	A	C	0	(a)
377	07282200 Shutispear Creek near Slate Springs, MS	Lat. 33°46'30", long. 89°21'50", in NW¼ sec.16, T.22 N., R.9 E., Choctaw Meridian, Calhoun County, Hydrologic Unit, 08030205, on State Highway 9, 2.5 mi north of Slate Springs.	35.5	A	P	0.9	>40
378	07283000 Skuna River at Bruce, MS	Lat. 33°58'25", long. 89°20'50", in SW¼ sec.6, T.13 S., R.1 W., Chickasaw Meridian, Calhoun County, Hydrologic Unit 08030205, on State Highway 9, 1.0 mi south of Bruce.	254	A	C	2.5	13
379	07283200 Brushy Creek near Bruce, MS	Lat. 34°01'40", long. 89°24'50", in NW¼ sec.21, T.12 S., R.2 W., Chickasaw Meridian, Calhoun County, Hydrologic Unit 08030205, on State Highway 32, 4.7 mi northwest of Bruce.	19.6	A	P	0.1	>40

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
380	07283725 Turkey Creek near Velma, MS	Lat. 34°00'50", long. 89°36'28", in SW¼ sec.19, T.25 N., R.7 E., Choctaw Meridian, Yalobusha County, Hydrologic Unit 08030205, on county road, 3.6 mi southeast of Velma.	41.3	A	P	1.7	>40
381	07284000 Cypress Creek near Coffeeville, MS	Lat. 33°57'14", long. 89°41'34", in SW¼ sec.8, T.24 N., R.6 E., Choctaw Meridian, Yalobusha County, Hydrologic Unit 08030205, on State Highway 7, 1.8 mi southwest of Coffeeville.	22.3	A	P	1.9	>40
382	07285080 Little Bogue Creek near Duck Hill, MS	Lat. 33°40'30", long. 89°40'51", in NE¼ sec.20, T.21 N., R.6 E., Choctaw Meridian, Montgomery County, Hydrologic Unit 08030205, on county road, 3.5 mi northeast of Duck Hill.	78.9	A	P	2.8	>40
383	07285400 Batupan Bogue at Grenada, MS	Lat. 33°46'26", long. 89°47'13", in NE¼ sec.17, T.22 N., R.5 E., Choctaw Meridian, Grenada County, Hydrologic Unit 08030205, on State Highway 8, 0.5 mi southeast of Grenada.	240	A	P	13	20
384	07285880 O'Neil Creek near Tinsley, MS	Lat. 32°44'56", long. 90°29'13", in NE¼ sec.3, T.10 N., R.3 W., Choctaw Meridian, Yazoo County, Hydrologic Unit 08030206, on State Highway 3, 2.1 mi northwest of Tinsley.	43.4	A	P	0.7	>40

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
385	07286000 Ascalmore Creek near Charleston, MS	Lat. 33°54'50", long. 90°04'08", in SE¼ sec.27, T.24 N., R.2 E., Choctaw Meridian, Tallahatchie County, Hydrologic Unit 08030205, on State Highway 35, 6.5 mi south of Charleston.	31.3	A	P	2.1	21
386	07286300 Potacocowa Creek at Avalon, MS	Lat. 33°40'08", long. 90°04'22", in NE¼ sec.22, T.21 N., R.2 E., Choctaw Meridian, Carroll County, Hydrologic Unit 08030205, on State Highway 7, 1 mi northeast of Avalon.	65.2	A	P	5.1	>40
387	07286500 Thompson Creek near McCarley, MS	Lat. 33°31'26", long. 89°50'38", in SE¼ sec.11, T.19 N., R.4 E., Choctaw Meridian, Carroll County, Hydrologic Unit 08030205, on county road, 0.6 mi west of McCarley.	14.4	A	P	1.3	32
388	07286700 Big Sand Creek at Carrollton, MS	Lat. 33°30'46", long. 89°55'08", in NW¼ sec.18, T.19 N., R.4 E., Choctaw Meridian, Carroll County, Hydrologic Unit 08030205, on county road, at Carrollton.	74.1	A	P	6.4	>40
389	07287047 Pelucia Creek near Carrollton, MS	Lat. 33°27'43", long. 89°57'21", in SW¼ sec.35, T.19 N., R.3 E., Choctaw Meridian, Carroll County, Hydrologic Unit 08030205, on State Highway 17, 3.8 mi southwest of Carrollton.	42.5	A	P	10	>40

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
390	07287100 Pelucia Creek at Rising Sun, MS	Lat. 33°27'35", long. 90°12'32", in SE¼ sec.32, T.19 N., R.1 E., Choctaw Meridian, Leflore County, Hydrologic Unit 08030206, on U.S. Highway 49E, 0.3 mi south of Rising Sun.	64.5[k]	A	P	11	>40
391	07287160 Abiacha Creek at Cruger, MS	Lat. 33°20'27", long. 90°14'13", in NW¼ sec.18, T.17 N., R.1 E., Choctaw Meridian, Holmes County, Hydrologic Unit 08030206, on U.S. Highway 49E, 1.0 mi north of Cruger.	95.0[k]	A	P	8.7	>40
392	07287350 Fannegusha Creek near Tchula, MS	Lat. 33°10'01", long. 90°10'11", in NW¼ sec.14, T.15 N., R.1 E., Choctaw Meridian, Holmes County, Hydrologic Unit 08030206, on State Highway 12, 3.0 mi east of Tchula.	100	A	P	3.6	>40
393	07287400 Black Creek at Lexington, MS	Lat. 33°06'18", long. 90°03'10", in SW¼ sec.36, T.15 N., R.2 E., Choctaw Meridian, Holmes County, Hydrologic Unit 08030206, on State Highway 17, at Lexington.	87.6	A	P	11	27
394	07287430 Tesheva Creek near Eden, MS	Lat. 32°58'40", long. 90°17'56", in NE¼ sec.16, T.13 N., R.1 W., Choctaw Meridian, Yazoo County, Hydrologic Unit 08030206, on county road, 1.3 mi east of Eden.	59.2	A	P	0.3	>40

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
395	07287480 Piney Creek near Yazoo City, MS	Lat. 32°54'25", long. 90°22'58", in NE¼ sec.10, T.12 N., R.2 W., Choctaw Meridian, Yazoo County, Hydrologic Unit 08030206, on U.S. Highway 49 E, 3.0 mi northeast of Yazoo City.	70.3	A	P	0.8	>40
396	07287550 Short Creek near Yazoo City, MS	Lat. 32°48'57", long. 90°26'56", in NW¼ sec.7, T.11 N., R.2 W., Choctaw Meridian, Yazoo County, Hydrologic Unit 08030206, on State Highway 3, 3.0 mi southwest of Yazoo City.	36.6	A	P	0.6	>40
397	07289110 Salt Creek near Eupora, MS	Lat. 33°30'57", long. 89°19'04", in NE¼ sec.14, T.19 N., R.9 E., Choctaw Meridian, Webster County, Hydrologic Unit 08060201, on State Highway 82, 3.0 mi southwest of Eupora.	6.90	C	P	0	(a)
398	07289140 Calabrella Creek near Tomnolen, MS	Lat. 33°28'12", long. 89°23'13", in NE¼ sec.31, T.19 N., R.9 E., Choctaw Meridian, Webster County, Hydrologic Unit 08060201, on U.S. Highway 82, 1.8 mi southwest of Tomnolen.	52.0	C	P	1.6	21
399	07289170 Mulberry Creek at Kilmichael, MS	Lat. 33°26'16", long. 89°32'45", in NE¼ sec.10, T.18 N., R.7 E., Choctaw Meridian, Montgomery County, Hydrologic Unit 08060201, on U.S. Highway 82, 0.5 mi east of Kilmichael.	43.2	C	P	0.2	>40

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
400	07289180 Big Black River near Kilmichael, MS	Lat. 33°25'19", long. 89°33'25", in SE¼ sec.15, T.18 N., R.7 E., Choctaw Meridian, Montgomery County, Hydrologic Unit 08060201, on State Highway 413, 1.1 mi southeast of Kilmichael.	564	C	P	2.5	>40
401	07289210 Big Bywy Ditch near Mathiston, MS	Lat. 33°26'31", long. 89°09'07", in NW¼ sec.9, T.18 N., R.11 E., Choctaw Meridian, Choctaw County, Hydrologic Unit 08060201, on State Highway 15, 5.7 mi southwest of Mathiston.	21.6	C	P	<0.05	63
402	07289215 Big Bywy Ditch near Pellez, MS	Lat. 33°27'21", long. 89°21'57", in NW¼ sec.4, T.18 N., R.9 E., Choctaw Meridian, Choctaw County, Hydrologic Unit 08060201, on county road, 1.2 mi south of Pellez.	114	C	P	0.3	>40
403	07289260 Big Black River near Vaiden, MS	Lat. 33°18'00", long. 89°41'45", in SW¼ sec.29, T.17 N., R.6 E., Choctaw Meridian, Carroll County, Hydrologic Unit 08060201, on State Highway 35, 3.5 mi southest of Vaiden.	746	C	P	15	23
404	07289270 Hayes Creek near Vaiden, MS	Lat. 33°18'18", long. 89°42'21", in SE¼ sec.30, T.17 N., R.6 E., Choctaw Meridian, Carroll County, Hydrologic Unit 08060201, on State Highway 35, 2.5 mi southeast of Vaiden.	89.0	C	P	0.2	69

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
405	07289300 Peachahala Creek near Vaiden, MS	Lat. 33°15'43", long. 89°44'31", in SW¼ sec.12, T.16 N., R.5 E., Choctaw Meridian, Carroll County, Hydrologic Unit 08060201, on U.S. Highway 51, 5.0 mi south of Vaiden.	50.2	C	P	<0.05	>40
406	07289340 Zilpha Creek near Hesterville, MS	Lat. 33°14'02", long. 89°41'42", in NW¼ sec.21, T.16 N., R.6 E., Choctaw Meridian, Attala County, Hydrologic Unit 08060201, on county road, 5.8 mi northwest of Hesterville.	98.2	C	P	1.2	>40
407	07289350 Big Black River at West, MS	Lat. 33°11'39", long. 89°46'15", in NW¼ sec.3, T.15 N., R.5 E., Choctaw Meridian, Attala County, Hydrologic Unit 08060201, on State Highway 19, 0.2 mi east of West.	1,027	C	C	26	10
408	07289466 Seneasha Creek near Pickens, MS	Lat. 32°55'04", long. 89°53'13", in NE¼ sec.4, T.12 N., R.4 E., Choctaw Meridian, Attala County, Hydrologic Unit 08060201, on county road, 6.0 mi northeast of Pickens.	102	C	P	3.9	>40
409	07289480 Tacketts Creek near Pickens, MS	Lat. 32°54'10", long. 89°57'39", in NW¼ sec.11, T.12 N., R.3 E., Choctaw Meridian, Holmes County, Hydrologic Unit 07060201, on U.S. Highway 51, 2.0 mi north of Pickens.	12.8	C	P	0	(a)

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
410	07289500 Big Black River at Pickens, MS	Lat. 32°52'50", long. 89°57'58", in SW¼ sec.14, T.12 N., R.3 E., Choctaw Meridian, Holmes County, Hydrologic Unit 08060201, on old U.S. Highway 51, 0.5 mi southeast of Pickens.	1,493	C	C	51	8
411	07289505 Big Cypress Creek near Vaughn, MS	Lat. 32°49'58", long. 90°02'13", in NW¼ sec.6, T.11 N., R.3 E., Choctaw Meridian, Yazoo County, Hydrologic Unit 08060202, on county road, 1.8 mi north of Vaughn.	86.6	C	P	0.1	>40
412	07289530 Doaks Creek near Canton, MS	Lat. 32°43'55", long. 89°59'34", in NW¼ sec.9, T.10 N., R.3 E., Choctaw Meridian, Madison County, Hydrologic Unit 08060202, on State Highway 51, 8.5 mi northeast of Canton.	164	C	P	8.7	26
413	07289560 Bear Creek near Madison, MS	Lat. 32°30'50", long. 90°05'02", in NW¼ sec.27, T.8 N., R.2 E., Choctaw Meridian, Madison County, Hydrologic Unit 08060202, on U.S. Highway 51, 2.2 mi north of Madison.	24.4	C	P	0	(*a*)
414	07289580 Bear Creek at Canton, MS	Lat. 32°35'23", long. 90°05'31", in SE¼ sec.25, T.9 N., R.2 E., Choctaw Meridian, Madison County, Hydrologic Unit 08060202, on U.S. Highway 51, 0.8 mi south of Canton.	87.0	C	P	0	(*a*)

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
415	07289600 Tilda Bogue near Canton, MS	Lat. 32°39'14", long. 90°00'50", in SW¼ sec.5, T.9 N., R.3 E., Choctaw Meridian, Madison County, Hydrologic Unit 08060202, on U.S. Highway 51, 3.0 mi north of Canton.	24.8	C	P	0	(a)
416	07289650 Panther Creek at Virlilia, MS	Lat. 32°37'51", long. 90°08'42", in NE ¼ sec.13, T.9 N., R.1 E., Choctaw Meridian, Madison County, Hydrologic Unit 08060202, on county road, at Virlilia.	25.8	C	P	0	(a)
417	07289680 Persimmon Creek near Flora, MS	Lat. 32°37'51", long. 90°15'35", in NW¼ sec.13, T.9 N., R.1 W., Choctaw Meridian, Madison County, Hydrologic Unit 08060202, on county road, 6.5 mi northeast of Flora.	25.7	C	P	0	(a)
418	07289686 Cypress Creek near Bentonia, MS	Lat. 32°40'51", long. 90°15'25", in SW¼ sec.25, T.10 N., R.1 W., Choctaw Meridian, Yazoo County, Hydrologic Unit 08060202, on county road, 7.1 mi northeast of Bentonia.	32.4	C	P	0	(a)
419	07289700 Burnt Corn Creek near Flora, MS	Lat. 32°35'56", long. 90°18'46", in NE¼ sec.29, T.9 N., R.1 W., Choctaw Meridian, Madison County, Hydrologic Unit 08060202, on county road, 3.5 mi north of Flora.	16.0	C	P	0	(a)

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
420	07289730 Big Black River near Bentonia, MS	Lat. 32°36'10", long. 90°21'46", in NW¼ sec.25, T.9 N., R.2 W., Choctaw Meridian, Yazoo County, Hydrologic Unit 08060202, on U.S. Highway 49, 2.5 mi south of Bentonia.	2,336	C	P	66	>40
421	07289760 Bogue Chitto at Tinnin, MS	Lat. 32°25'55", long. 90°20'02", in SE¼ sec.19, T.7 N., R.1 W., Choctaw Meridian, Hinds County, Hydrologic Unit 08060202, on county road, 1.0 mi northeast of Tinnin.	33.7	C	P	0	(*a*)
422	07289790 Limekiln Creek at Pocahontas, MS	Lat. 32°27'53", long. 90°17'23", in W½ sec.10, T.7 N., R.1 W., Choctaw Meridian, Hinds County, Hydrologic Unit 08060202, on U.S. Highway 49, 0.5 mi south of Pocahontas.	34.5	C	P	0	(*a*)
423	07289820 Straight Fence Creek at Tinnin, MS	Lat. 32°25'19", long. 90°21'07", in SE¼ sec.25, T.7 N., R.2 W., Choctaw Meridian, Hinds County, Hydrologic Unit 08060202, on county road, 0.5 mi west of Tinnin.	12.6	C	P	0	(*a*)
424	07289850 Bogue Chitto near Flora, MS	Lat. 32°30'03", long. 90°21'39", in NW¼ sec.36, T.8 N., R.2 W., Choctaw Meridian, Madison County, Hydrologic Unit 08060202, on State Highway 22, 4.6 mi southwest of Flora.	126	C	P	0	(*a*)

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
425	07290000 Big Black River near Bovina, MS	Lat. 32°20'51", long.90°41'48", in SE¼ sec.22, T.16 N., R.5 E., Washington Meridian, Hinds County, Hydrologic Unit 08060202, on U.S. Highway 80 (old), 2.3 mi east of Bovina.	2,812	C	C	85	11
426	07290005 Clear Creek near Bovina, MS	Lat. 32°21'43", long. 90°43'40", in SE¼ sec.17, T.6 N., R.5 E., Washington Meridian, Warren County, Hydrologic Unit 08060202, on county road, 1.0 mi northeast of Bovina.	32.0	C	P	1.5	>40
427	07290030 Fourteen Mile Creek at Oakley, MS	Lat. 32°13'40", long. 90°30'57", in SW¼ sec.33, T.5 N., R.3 W., Choctaw Meridian, Hinds County, Hydrologic Unit 08060202, on county road, 1.0 mi northwest of Oakley.	26.9	C	P	0	(a)
428	07290040 Terrell Creek near Learned, MS	Lat. 32°12'35", long. 90°31'33", in NE¼ sec.8, T.4 N., R.3 W., Choctaw Meridian, Hinds County, Hydrologic Unit 08060202, on county road, 1.5 mi northeast of Learned.	10.5	C	P	0	(a)
429	07290110 Fleetwood Creek near Bolton, MS	Lat. 32°21'39", long. 90°28'26", in SE¼ sec.14, T.6 N., R.3 W., Choctaw Meridian, Hinds County, Hydrologic Unit 08060202, on U.S. Highway 20, 1.7 mi northwest of Bolton.	13.0	C	P	0	(a)

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
430	07290119 Fourteen Mile Creek south of Edwards, MS	Lat. 32°15'46", long. 90°37'19", in NW¼ sec.21, T.5 N., R.4 W., Choctaw Meridian, Hinds County, Hydrologic Unit 08060202, on county road, 4.8 mi south of Edwards.	238	C	P	0.2	>40
431	07290140 Fivemile Creek near Utica, MS	Lat. 32°09'57", long. 90°38'20", in NW¼ sec.29, T.4 N., R.4 W., Choctaw Meridian, Hinds County, Hydrologic Unit 08060202, on State Highway 27, 4.0 mi north of Utica.	18.2	C	P	0	(a)
432	07290210 Big Black River near Port Gibson, MS	Lat. 32°04'51", long. 90°55'37", in SE¼ sec.42, T.13 N., R.3 E., Washington Meridian, Claiborne County, Hydrologic Unit 08060202, on U.S. Highway 61, 9.0 mi north of Port Gibson.	3,334	C	P	102	27
433	07290250 Bayou Pierre near Glancy, MS	Lat. 31°49'40", long. 90°28'55", in NE¼ sec.22, T.10 N., R.7 E., Washington Meridian, Copiah County, Hydrologic Unit 08060203, on State Highway 28, 1.0 mi northeast of Glancy.	122	E	P	4.3	>30
434	07290300 Long Creek near Hazlehurst, MS	Lat. 31°55'33", long. 90°29'38", in NW¼ sec.15, T.1 N., R.3 W., Choctaw Meridian, Copiah County, Hydrologic Unit 08060203, on county road, 7.5 mi northwest of Hazlehurst.	14.3	E	P	2.2	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
435	07290350 Turkey Creek near Dentville, MS	Lat. 31°56'56", long. 90°31'15", in SE¼ sec.5, T.1 N., R.3 W., Choctaw Meridian, Copiah County, Hydrologic Unit 08060203, on State Highway 472, 2.0 mi southeast of Dentville.	39.8	E	P	5.2	26
436	07290420 Foster Creek near Smyrna, MS	Lat. 31°52'30", long. 90°37'22", in SE¼ sec.32, T.1 N., R.4 W., Washington Meridian, Copiah County, Hydrologic Unit 08060203, on county road, 6.5 mi west of Smyrna.	49.8	E	P	0.8	>30
437	07290440 Foster Creek near Myles, MS	Lat. 31°55'51", long. 90°37'15", in NE1.4 sec.17, T.1 N., R.4 W., Choctaw Meridian, Copiah County, Hydrologic Unit 08060203, on county road, 8.0 mi southeast of Myles.	73.3	E	P	0.9	>30
438	07290500 Bayou Pierre near Carpenter, MS	Lat. 32°00'00", long. 90°40'47", in NE¼ sec.22, T.12 N., R.5 E., Washington Meridian, Copiah County, Hydrologic Unit 08060203, on State Highway 18, 2.0 mi south of Carpenter.	375	E	P	23	26
439	07290510 White Oak Creek near Crystal Springs, MS	Lat. 32°01'33", long. 90°25'26", in SE¼ sec.8, T.2 N., R.2 W., Choctaw Meridian, Copiah County, Hydrologic Unit 08060203, on county road, 4.0 mi northwest of Crystal Springs.	21.5	E	P	0.1	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
440	07290549 Tallahalla Creek near Utica, MS	Lat. 32°07'58", long. 90°32'38", in NW¼ sec.6, T.3 N., R.3 W., Choctaw Meridian, Hinds County, Hydrologic Unit 08060203, on county road, 4.7 mi northeast of Utica.	57.0	E	P	0	(a)
441	07290550 White Oak Creek near Utica, MS	Lat. 32°03'35", long. 90°37'26", in NE¼ sec.32, T.3 N., R.4 W., Choctaw Meridian, Hinds County, Hydrologic Unit 08060203, on State Highway 18, 3.5 mi south of Utica.	173	E	P	1.1	>30
442	07290568 White Oak Creek at Carpenter, MS	Lat. 32°01'44", long. 90°40'44", in NW¼ sec.11, T.12 N., R.5 E., Washington Meridian, Copiah County, Hydrologic Unit 08060203, on county road, 0.3 mi southeast of Carpenter.	198	E	P	2.9	>30
443	07290600 Storm Creek at Carlisle, MS	Lat. 31°59'45", long. 90°47'20", in SE¼ sec.28, T.12 N., R.4 E., Washington Meridian, Claiborne County, Hydrologic Unit 08060203, on State Highway 18, 0.2 mi southwest of Carlisle.	8.28	E	P	0.1	>30
444	07290650 Bayou Pierre near Willows, MS	Lat. 32°00'55", long.90°53'00", in lot 16, T.12 N., R.3 E., Washington Meridian, Claiborne County, Hydrologic Unit 08060203, on county highway, 1.7 mi southeast of Willows.	654	E	C	25	9

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
445	07290680 Little Bayou Pierre near Hermanville, MS	Lat. 31°54'21", long. 90°50'09", in SW¼ sec.25, T.11 N., R.4 E., Washington Meridian, Claiborne County, Hydrologic Unit 08060203, on county road, 4.0 mi south of Hermanville.	92.1	E	P	2.7	>30
446	07290688 Clarks Creek near Peyton, MS	Lat. 31°51'32", long. 90°50'49", in SE¼ sec.7, T.10 N., R.4 E., Washington Meridian, Claiborne County, Hydrologic Unit 08060203, on State Highway 547, 2.5 mi northwest of Peyton.	59.4	E	P	1.1	60
447	07290690 Clarks Creek near Pattison, MS	Lat. 31°53'34", long. 90°50'31", in SW¼ sec.35, T.11 N., R.4 E., Washington Meridian, Claiborne County, Hydrologic Unit 08060203, on county road, 2.5 mi east of Pattison.	75.0	E	P	1.2	23
448	07290700 Willis Creek near Port Gibson, MS	Lat. 31°54'57", long. 90°55'47", in NE¼ sec.28, T.11 N., R.3 E., Washington Meridian, Claiborne County, Hydrologic Unit 08060203, on State Highway 547, 4.0 mi southeast of Port Gibson.	49.6	E	P	1.6	17
449	07290710 Bakers Creek at Russum, MS	Lat. 31°52'26", long. 91°00'35", in SW¼ lot 64, T.11 N., R.2 E., Washington Meridian, Claiborne County, Hydrologic Unit 08060203, on county road, 0.1 mi southeast of Russum.	11.8	E	P	0	(a)

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
450	07290725 Little Bayou Pierre at Port Gibson, MS	Lat. 31°57'54", long. 90°58'47", in S½ sec.18, T.12 N., R.2 E., Washington Meridian, Claiborne County, Hydrologic Unit 08060203, on State Highway 61, at Port Gibson.	298	E	P	14	15
451	07290800 North Fork Coles Creek at Melton, MS	Lat. 31°46'33", long. 91°03'07", in NE¼ sec.13, T.9 N., R.2 E., Washington Meridian, Jefferson County, Hydrologic Unit 08060204, on U.S. Highway 61, 0.5 mi south of Melton.	70.0	E	P	0.4	101
452	07290840 South Fork Coles Creek near Cannonsburg, MS	Lat. 31°38'34", long. 91°10'55", in NW¼ sec.35, T.8 N., R.1 W., Washington Meridian, Jefferson County, Hydrologic Unit 08060204, on U.S. Highway 61, 1.5 mi northeast of Cannonsburg.	40.6	E	P	1.2	48
453	07290850 Folkes Creek near Cannonsburg, MS	Lat. 31°38'45", long. 91°09'32", in NW¼ sec.33, T.8 N., R.1 W., Washington Meridian, Jefferson County, Hydrologic Unit 08060204, on U.S. Highway 61, 3.1 miles northeast of Cannonsburg.	31.0	E	P	1.0	48
454	07290860 South Fork Coles Creek near Fayette, MS	Lat. 31°44'52", long. 91°10'47", in NW¼ sec.32, T.9 N., R.1 W., Washington Meridian, Jefferson County, Hydrologic Unit 08060204, on State Highway 553, 8.0 mi west of Fayette.	108	E	P	5.3	27

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
455	07290870 Coles Creek near Fayette, MS	Lat. 31°46'12", long. 91°11'24", in S½ sec.10, T.9 N., R.1 W., Washington Meridian, Jefferson County, Hydrologic Unit 08060204, on county road, 10 mi northwest of Fayette.	260	E	P	5.9	33
456	07290893 St. Catherine Creek at Washington, MS	Lat. 31°34'51", long. 91°17'34", in S½ sec.28, T.7 N., R.2 W., Washington Meridian, Adams County, Hydrologic Unit 08060204, on U.S. Highway 61, 0.5 northeast of Washington.	8.55	E	P	0.4	>30
457	07290895 St. Catherine Creek at Foster, MS	Lat. 31°35'49", long. 91°19'40", in S½ sec.20, T.7 N., R.2 W., Washington Meridian, Adams County, Hydrologic Unit 08060204, on county road, 0.5 mi south of Foster.	19.4	E	P	0	(a)
458	07290900 St. Catherine Creek near Natchez, MS	Lat. 31°31'15", long. 91°23'20", in W½ sec.3, T.6 N., R.3 W., Washington Meridian, Adams County, Hydrologic Unit 08060204, on U.S. Highway 61, 2.5 mi south of Natchez.	63.1	E	P	2.1[1]	>30
459	07291000 Homochitto River at Eddiceton, MS	Lat. 31°30'10", long. 90°46'35", in NE¼ sec.11, T.6 N., R.4 E., Washington Meridian, Franklin County, Hydrologic Unit 08060205, on U.S. Highway 84, 0.8 mi east of Eddiceton.	181	E	C	33	4

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
460	07291250 McCall Creek at Lucien, MS	Lat. 31°30'53", long. 90°38'52", in SW¼ sec.6, T.6 N., R.6 E., Washington Meridian, Franklin County, Hydrologic Unit 08060205, on U.S. Highway 84, 0.8 mi east of Lucien.	60.8	E	P	7.8	>30
461	07291450 Porter Creek near Bude, MS	Lat. 31°26'09", long. 90°50'49", in SW¼ sec.31, T.6 N., R.4 E., Washington Meridian, Franklin County, Hydrologic Unit 08060205, on county road, 2.6 mi south of Bude.	15.8	E	P	2.8	22
462	07291500 Homochitto River near Bude, MS	Lat. 31°26'23", long. 90°51'21", in NE¼ lot 45, T.6 N., R.3 E., Washington Meridian, Franklin County, Hydrologic Unit 08060205, on U.S. Highway 98, 1.6 mi south of Bude.	407	E	P	102	11
463	07291750 Middle Fork Creek at Meadville, MS	Lat. 31°28'04", long. 90°54'32", in E½ sec.27, T.6 N., R.3 E., Washington Meridian, Franklin County, Hydrologic Unit 08060205, on U.S. Highway 84, 0.6 mi west of Meadville.	156	E	P	20	16
464	07291800 Middleton Creek near Meadville, MS	Lat. 31°24'10", long. 90°54'46", in NE¼ sec.22, T.5 N., R.3 E., Washington Meridian, Franklin County, Hydrologic Unit 08060205, on county road, 5.0 mi south of Meadville.	27.7	E	P	4.9	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
465	07292000 Brushy Creek near Gloster, MS	Lat. 31°17'27", long. 90°58'01", in SW¼ sec.27, T.4 N., R.2 E., Washington Meridian, Amite County, Hydrologic Unit 08060205, on county road, 8.0 mi northeast of Gloster.	30.9	E	P	9.2	18
466	07292500 Homochitto River at Rosetta, MS	Lat. 31°19'30", long 91°06'24" in sec.12, T.4 N., R.1 E., Washington Meridian, Franklin County, Hydrologic Unit 08060205, on State Highway 33, at Rosetta.	787	E	C	152	8
467	07293000 Dry Creek near Knoxville, MS	Lat. 31°22'58", long. 91°05'02", in SW¼ sec.34, T.5 N., R.1 E., Washington Meridian, Franklin County, Hydrologic Unit 08060205, on county road, 2.0 mi east of Knoxville.	13.2	E	P	0	(a)
468	07293200 Wells Creek at Roxie, MS	Lat. 31°30'25", long. 91°03'50", in NE¼ sec.19, T.6 N., R.1 E., Washington Meridian, Franklin County, Hydrologic Unit 08060205, on U.S. Highway 84, 0.1 mi northeast of Roxie.	11.2	E	P	0.6	38
469	07293490 Sandy Creek near Kingston, MS	Lat. 31°22'55", long. 91°14'41", in SW¼ sec.28, T.5 N., R.1 W., Washington Meridian, Adams County, Hydrologic Unit 08060205, on county road, 3.1 mi southeast of Kingston.	50.1	E	P	7.1	31

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
470	07293500 Homochitto River near Kingston, MS	Lat. 31°21'36", long. 91°15'25", in S½ sec.27, T.5 N., R.1 W., Washington Meridian, Adams County, Hydrologic Unit 08060205, on old U.S. Highway 61, 3.5 mi southeast of Kingston.	1,023	E	P	199	15
471	07293800 Second Creek near Kingston, MS	Lat. 31°28'01", long. 91°20'34", in NW¼ lot 41, T.6 N., R.2 W., Washington Meridian, Adams County, Hydrologic Unit 08060205, on county road, 5.6 mi northwest of Kingston.	32.0	E	P	4.0	>30
472	07294000 Second Creek at Sibley, MS	Lat. 31°23'20", long. 91°23'16", in SE¼ sec.13, T.5 N., R.3 W., Washington Meridian, Adams County, Hydrologic Unit 08060205, on county road, 0.7 mi east of Sibley.	55.3	E	P	4.4	>30
473	07294500 Homochitto River near Dolorosa, MS	Lat. 31°19'48", long. 91°21'36", in SW¼ sec.10, T.4 N., R.2 E., Washington Meridian, Wilkinson County, Hydrologic Unit 08060205, on U.S. Highway 61,02.2 mi north of Dolorosa.	1,140	E	P	221	>30
474	07294870 Buffalo River near Wilkinson, MS	Lat. 31°06'14", long. 91°09'36", in SE¼ sec.25, T.2 N., R.1 W., Washington Meridian, Wilkinson County, Hydrologic Unit 08060206, on county road, 10.2 mi southeast of Wilkinson.	26.4	E	P	9.7	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
475	07294950 Fords Creek near Woodville, MS	Lat. 31°11'38", long. 91°17'45", in SE¼ lot 41, T.3 N., R.2 W., Washington Meridian, Wilkinson County, Hydrologic Unit 08060206, on U.S. Highway 61, 6 mi north of Woodville.	17.3	E	P	0.3	>30
476	07295000 Buffalo River near Woodville, MS	Lat. 31°13'35", long. 91°17'45", in SW¼ sec.21, T.3 N., R.2 W., Washington Meridian, Wilkinson County, Hydrologic Unit 08060206, on U.S. Highway 61, 8.5 mi north of Woodville.	180	E	C	21	8
477	07295050 Big Piney Creek near Woodville, MS	Lat. 31°15'25", long. 91°14'16", in sec.6, T.3 N., R.2 W., Washington Meridian, Wilkinson County, Hydrologic Unit 08060206, on U.S. Highway 61, 11 miles north of Woodville.	14.6	E	P	0	(a)
478	07375234 Tangipahoa River near McComb, MS	Lat. 31°12'39", long. 90°31'19", in NE¼ sec.20, T.3 N., R.7 E., Washington Meridian, Pike County, Hydrologic Unit 08070205, on State Highway 24, 3.1 mi southwest of McComb.	44.3	E	P	10	>30
479	07375247 Little Tangipahoa River at Fernwood, MS	Lat. 31°11'16", long. 90°26'38", in NW¼ sec.31, T.3 N., R.8 E., Washington Meridian, Pike County, Hydrologic Unit 08070205, on county road, 0.5 mi northeast of Fernwood.	21.6	E	P	2.0	>30

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
480	07375250 Little Tangipahoa River at Magnolia, MS	Lat. 31°08'31", long. 90°27'21", in NW¼ sec.13, T.2 N., R.7 E., Washington Meridian, Pike County, Hydrologic Unit 08070205, on U.S. Highway 48, in Magnolia.	39.8	E	P	7.4	26
481	07375260 Minnehaha Creek at Magnolia, MS	Lat. 31°08'31", long. 90°27'46", in NW¼ sec.13, T.2 N., R.7 E., Washington Meridian, Pike County, Hydrologic Unit 08070205, on U.S. Highway 51, 0.5 mi south of Magnolia.	6.28	E	P	2.3	>30
482	07375285 Bala Chitto Creek near Osyka, MS	Lat. 31°01'44", long. 90°24'03", in NE¼ sec.28, T.1 N., R.8 E., Washington Meridian, Pike County, Hydrologic Unit 08070205, on county road, 4.0 mi northeast of Osyka.	46.5	E	P	6.7	>30
483	07375750 Tickfaw River at Gillsburg, MS	Lat. 31°01'22", long. 90°38'49", in NW¼ sec.30, T.1 N., R.6 E., Washington Meridian, Amite County, Hydrologic Unit 08070203, on State Highway 584, 0.4 mi east of Gillsburg.	43.6	E	P	7.8	>30
484	07376640 East Fork Amite River at Mars Hill, MS	Lat. 31°18'25", long. 90°38'02", in NE¼ sec.19, T.4 N., R.6 E., Washington Meridian, Amite County, Hydrologic Unit 08070202, on State Highway 570, 0.4 mi northwest of Mars Hill.	39.1	E	P	6.6	33

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
485	07376648 East Fork Amite River near Thompson, MS	Lat. 31°12'18", long. 90°40'19", in SE¼ sec.23, T.3 N., R.5 E., Washington Meridian, Amite County, Hydrologic Unit 08070202, on county road, 4.5 mi southwest of Thompson.	86.5	E	P	29	>30
486	07376655 Love Creek near Liberty, MS	Lat. 31°10'01", long. 90°45'43", in W½ sec.1, T.2 N., R.4 E., Washington Meridian, Amite County, Hydrologic Unit 08070202, on State Highway 24 and 48, 3 mi northeast of Liberty.	4.89	E	P	0	(a)
487	07376685 East Fork Amite River near Gillsburg, MS	Lat. 31°01'15", long. 90°47'38", in NW¼, sec.27, T.1 N., R.4 E., Washington Meridian, Amite County, Hydrologic Unit 08070202, on county road, 8.0 mi west of Gillsburg.	224	E	P	93	>30
488	07376700 West Fork Amite River near Liberty, MS	Lat. 31°09'50", long. 90°50'42", in SW¼ sec.6, T.2 N., R.4 E., Washington Meridian, Amite County, Hydrologic Unit 08070202, on State Highway 24, 2 mi west of Liberty.	103	E	P	23	>30
489	07376720 Tanyard Creek at Liberty, MS	Lat. 31°09'28", long. 90°48'57", in NW¼ sec.9, T.2 N., R.4 E., Washington Meridian, Amite County, Hydrologic Unit 08070202, on State Highway 24, 0.2 mi west of Liberty.	9.92	E	P	1.8	23

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
490	07376740 Waggoner Creek near Liberty, MS	Lat. 31°07'26", long. 90°51'17", in E½ sec.26, T.2 N., R.3 E., Washington Meridian, Amite County, Hydrologic Unit 08070202, on State Highway 48, 3.5 mi southwest of Liberty.	28.8	E	P	5.9	>30
491	07376775 Beaver Creek near Beechwood, MS	Lat. 31°00'25", long. 90°55'15", in SW¼ lot 47, T.1 N., R.3 E., Washington Meridian, Amite County, Hydrologic Unit 08070202, on State Highway 569, 7.9 mi south of Beechwood.	101	E	P	18	>30
492	07377000 Amite River near Darlington, LA	Lat. 30°53'20", long. 90°50'40", in NW¼ lot 72, T.2 S., R.4 E., St. Helena Meridian, St. Helena Parish, Hydrologic Unit 08070202, on State Highway 10, 4.0 mi west of Darlington.	580	E	C	200	6

Table 1.--Estimates of 7-day, 10-year low-flow characteristics for gaging stations--Continued

Ref. no.	Station number and station name	Station location	Drainage area (mi^2)	Area	Station type	7Q10 (ft^3/s)	Error (%)
493	07377500 Comite River near Olive Branch, LA	Lat. 30°45'21", long. 91°02'38", in lot 41, T.3 S., R.2 E., St. Helena Meridian, East Feliciana Parish, Hydrologic Unit 08070202, on State Highway 67, 1.3 mi northeast of Olive Branch.	145	E	C	34	4

a Could not be determined because of zero values of 7Q10; there is relatively little uncertainty in estimate of 7Q10.
b Approximately 38 percent of basin has been regulated by Bluff Lake since 1950; figure based on discharge data for regulated and unregulated conditions.
c Approximately 22 percent of basin has been regulated by Bluff Lake since 1950; figure based on discharge data for regulated and unregulated conditions.
d Approximately 16 percent of basin has been regulated by Bluff Lake since 1950; figure based on discharge data for regulated and unregulated conditions.
e Figure based on discharge measurements possibly affected by municipal discharge upstream.
f Approximately 35 percent of basin has been regulated by Lake Bogue Homo since 1939; figure based on regulated conditions only.
g Approximately 45 percent of basin has been regulated by Okatibbee Lake since 1968; figure based on regulated conditions only.
h Site previously published as station number 02479150.
i Site previously published as station number 02480268.
j Drainage area not determined because of undefined drainage boundaries.
k Approximate drainage area.
l Figure based on discharge measurements possibly affected by industrial and municipal discharge upstream.

Table 2.--Index of streamflow-gaging stations listed alphabetically by station name

[Ref. no. refers to identification number on plate 1 and in table 1]

Station name	Station number	County or Parish	Ref. no.
Abiacha Creek at Cruger, MS	07287160	Holmes	391
Alamuchee Creek near Cuba, AL	02468000	Sumter	59
Albritton Creek near Bogue Chitto, MS	02490350	Lincoln	288
Amite River near Darlington, LA	07377000	St. Helena	492
Archusa Creek near Quitman, MS	02477200	Clarke	121
Arkabutla Creek near Senatobia, MS	07279550	Tate	370
Ascalmore Creek near Charleston, MS	07286000	Tallahatchie	385
Ashlog Creek near Pelahatchie, MS	02485292	Rankin	216
Bagley Creek near Abbeville, MS	07270500	Lafayette	345
Bahala Creek near Oma, MS	02488100	Lawrence	255
Bakers Creek at Russum, MS	07290710	Claiborne	449
Bakers Creek near Pisgah, MS	02485415	Rankin	223
Bala Chitto Creek near Osyka, MS	07375285	Pike	482
Batupan Bogue at Grenada, MS	07285400	Grenada	383
Bay Creek near Baxterville, MS	02489235	Lamar	276
Bayou Bacon near Kiln, MS	02481600	Hancock	186
Bayou Pierre near Carpenter, MS	07290500	Copiah	438
Bayou Pierre near Glancy, MS	07290250	Copiah	433
Bayou Pierre near Willows, MS	07290650	Claiborne	444
Bear Creek at Canton, MS	07289580	Madison	414
Bear Creek at Wanilla, MS	02488351	Lawrence	257
Bear Creek near Madison, MS	07289560	Madison	413
Bear Creek near Tishomingo, MS	03592100	Tishomingo	302
Beaver Creek near Beechwood, MS	07376775	Amite	491
Beaverdam Creek at Maxie, MS	02479146	Forrest	153
Beaverdam Creek near Janice, MS	02479153	Perry	154
Bethel Creek near Hickory, MS	02475390	Newton	110
Big Black River at Pickens, MS	07289500	Holmes	410
Big Black River at West, MS	07289350	Attala	407
Big Black River near Bentonia, MS	07289730	Yazoo	420
Big Black River near Bovina, MS	07290000	Hinds	425
Big Black River near Kilmichael, MS	07289180	Montgomery	400
Big Black River near Port Gibson, MS	07290210	Claiborne	432
Big Black River near Vaiden, MS	07289260	Carroll	403
Big Brown Creek near Booneville, MS	02429900	Prentiss	1
Big Bywy Ditch near Mathiston, MS	07289210	Choctaw	401
Big Bywy Ditch near Pellez, MS	07289215	Choctaw	402
Big Cedar Creek near Wade, MS	02479070	Jackson	144
Big Creek at Bogue Chitto, MS	02490300	Lincoln	286
Big Creek at Byram, MS	02486550	Hinds	236

Table 2.--Index of streamflow-gaging stations listed alphabetically by station name--Continued

Station name	Station number	County or Parish	Ref. no.
Big Creek at Clara, MS	02478100	Wayne	133
Big Creek near Big Point, MS	02480050	Jackson	168
Big Creek near Brooklyn, MS	02479120	Forrest	151
Big Creek near Buckatunna, MS	02478140	Wayne	134
Big Creek near Crossroads, MS	02479050	George	143
Big Creek near Hattiesburg, MS	02472900	Forrest	78
Big Creek near Hillman, MS	02478760	Greene	139
Big Creek near Jonathan, MS	02478680	Greene	136
Big Creek near Laurel, MS	02472100	Jones	68
Big Creek near Leakesville, MS	02478700	Greene	137
Big Creek near Lucedale, MS	02479040	George	142
Big Creek near Pinola, MS	02487750	Simpson	252
Big Cypress Creek near Vaughn, MS	07289505	Yazoo	411
Big Piney Creek near Woodville, MS	07295050	Wilkinson	477
Big Sand Creek at Carrollton, MS	07286700	Carroll	388
Big Spring Creek near Waterford, MS	07270540	Marshall	346
Biloxi River at Wortham, MS	02481000	Harrison	176
Biloxi River near Lyman, MS	02481130	Harrison	179
Black Creek at Lexington, MS	07287400	Holmes	393
Black Creek near Benndale, MS	02479170	George	157
Black Creek near Brooklyn, MS	02479130	Forrest	152
Black Creek near Hattiesburg, MS	02479093	Lamar	147
Black Creek near Purvis, MS	02479100	Lamar	148
Black Creek near Sumrall, MS	024790912	Lamar	146
Black Creek near Wiggins, MS	02479160	Stone	156
Black Creek north near Wade, MS	02479090	Jackson	145
Blackwater Creek near Porterville, MS	02467400	Kemper	56
Bluff Creek near Wiggins, MS	02479250	Stone	161
Boggy Hollow Creek near Lumberton, MS	02479110	Lamar	150
Bogue Chitto at Bogue Chitto, MS	02490310	Lincoln	287
Bogue Chitto at Franklinton, LA	02491500	Washington	296
Bogue Chitto at Tinnin, MS	07289760	Hinds	421
Bogue Chitto near Bond, MS	02481820	Neshoba	190
Bogue Chitto near Brookhaven, MS	02490250	Lincoln	285
Bogue Chitto near Bush, LA	02492000	St. Tammany	297
Bogue Chitto near Flora, MS	07289850	Madison	424
Bogue Chitto near Tylertown, MS	02490500	Pike	293
Bogue Homo near Richton, MS	02474600	Perry	96
Bogue Lusa Creek near Franklinton, LA	02490000	Washington	284
Bowie Creek near Hattiesburg, MS	02472940	Forrest	79

Table 2.--Index of streamflow-gaging stations listed alphabetically by station name--Continued

Station name	Station number	County or Parish	Ref. no.
Bowie Creek near Hattiesburg, MS	02472500	Forrest	74
Bowie Creek near Prentiss, MS	02472380	Covington	73
Brush Creek near Langford, MS	02485430	Rankin	225
Brushy Creek near Bruce, MS	07283200	Calhoun	379
Brushy Creek near Gloster, MS	07292000	Amite	465
Brushy Creek near Leakesville, MS	02478750	Greene	138
Buck Creek near Runnelstown, MS	02474650	Perry	97
Buckatunna Creek at Sykes, MS	02477700	Clarke	127
Buckatunna Creek near Buckatunna, MS	02478030	Wayne	132
Buckatunna Creek near Carmichael, MS	02477900	Clarke	130
Buckatunna Creek near Denham, MS	02477990	Wayne	131
Buffalo River near Wilkinson, MS	07294870	Wilkinson	474
Buffalo River near Woodville, MS	07295000	Wilkinson	476
Bull Mountain Creek at Tremont, MS	02432500	Itawamba	11
Bull Mountain Creek near Smithville, MS	02433000	Itawamba	12
Burkett Creek at Amory, MS	02433530	Monroe	13
Burnt Corn Creek near Flora, MS	07289700	Madison	419
Buttahatchee River near Aberdeen, MS	02439400	Monroe	31
Buttahatchee River near Kolola Springs, MS	02439600	Lowndes	32
Calabrella Creek near Tomnolen, MS	07289140	Webster	398
Calloway Creek near Pontotoc, MS	02435900	Pontotoc	23
Camp Creek near Lewisburg, MS	07277200	De Soto	366
Camp Creek near Pleasant Hill, MS	07277100	De Soto	365
Campbell Creek at Johns, MS	02487400	Rankin	245
Cane Creek near New Albany, MS	07266000	Union	327
Carters Creek at Beaumont, MS	02474750	Perry	99
Catahoula Creek near Santa Rosa, MS	02481570	Hancock	185
Catalpa Creek at Mayhew, MS	02441300	Lowndes	40
Cedar Creek near Trinity, MS	02443710	Lowndes	43
Chambers Creek at Kendrick, MS	03593010	Alcorn	310
Cherry Creek near Ecru, MS	07267095	Pontotoc	330
Chewalla Creek near Potts Camp, MS	07269970	Marshall	343
Chickasawhay River at Enterprise, MS	02477000	Clarke	117
Chickasawhay River at Leakesville, MS	02478500	Greene	135
Chickasawhay River at Shubuta, MS	02477350	Clarke	123
Chickasawhay River near Waynesboro, MS	02477500	Wayne	126
Chiwapa Creek at Natchez Trace near Shannon, MS	02435980	Lee	24
Chiwapa Creek at Shannon, MS	02436000	Lee	25
Chunky River near Chunky, MS	02475500	Lauderdale	111
Chuquatonchee Creek near Egypt, MS	02440000	Chickasaw	34

Table 2.--Index of streamflow-gaging stations listed alphabetically by station name--Continued

Station name	Station number	County or Parish	Ref. no.
Chuquatonchee Creek near Okolona, MS	02439980	Chickasaw	33
Chuquatonchee Creek near West Point, MS	02440500	Clay	37
Clark Creek near Fannin, MS	02485470	Rankin	226
Clarks Creek near Pattison, MS	07290690	Claiborne	447
Clarks Creek near Peyton, MS	07290688	Claiborne	446
Clear Creek near Bovina, MS	07290005	Warren	426
Clear Creek near Oxford, MS	07271000	Lafayette	349
Clear Creek near Sandy Hook, MS	02489270	Marion	283
Clear Creek southwest of Baxterville, MS	024892693	Lamar	282
Coldwater River near Coldwater, MS	07277500	Tate	367
Coldwater River near Lewisburg, MS	07276000	De Soto	360
Coldwater River near Lewisburg, MS	07275950	De Soto	359
Cole Creek near Ethel, MS	02483900	Attala	207
Coles Creek near Fayette, MS	07290870	Jefferson	455
Comite River near Olive Branch, LA	07377500	East Feliciana	493
Coonewah Creek at Shannon, MS	02435800	Lee	22
Copiah Creek near Hazlehurst, MS	02487900	Copiah	254
Cripple Deer Creek near Tishomingo, MS	03592550	Tishomingo	303
Cummings Creek near Fulton, MS	02430880	Itawamba	9
Cypress Creek near Bentonia, MS	07289686	Yazoo	418
Cypress Creek near Coffeeville, MS	07284000	Yalobusha	381
Cypress Creek near Etta, MS	07268500	Lafayette	335
Cypress Creek near Janice, MS	02479155	Perry	155
Dabbs Creek at D'Lo, MS	02487601	Simpson	249
Dabbs Creek near D'Lo, MS	02487600	Simpson	248
Dabbs Creek near Johns, MS	02487520	Rankin	247
Denham Creek near Augusta, MS	02474550	Perry	93
Dickeys Creek near Beaumont, MS	02474700	Perry	98
Doaks Creek near Canton, MS	07289530	Madison	412
Dry Creek near Knoxville, MS	07293000	Franklin	467
Dry Creek near Leesburg, MS	02485365	Rankin	221
East Fork Amite River at Mars Hill, MS	07376640	Amite	484
East Fork Amite River near Gillsburg, MS	07376685	Amite	487
East Fork Amite River near Thompson, MS	07376648	Amite	485
East Fork Greens Creek near Goss, MS	02488750	Jefferson Davis	266
East Fork Topisaw Creek near Pricedale, MS	02490448	Pike	289
East Hobolochitto Creek at Picayune, MS	02492350	Pearl River	298
East Prong Silver Creek at Gwinville, MS	02488555	Jefferson Davis	259
Escatawpa River near Agricola, MS	02479560	George	166
Escatawpa River near Hurley, MS	02479600	Jackson	167

Table 2.--Index of streamflow-gaging stations listed alphabetically by station name--Continued

Station name	Station number	County or Parish	Ref. no.
Escatawpa River near Wilmer, AL	02479500	Mobile	164
Euclautubba Creek at Saltillo, MS	02434500	Lee	16
Eucutta Creek near Shubuta, MS	02477360	Wayne	124
Eutacutachee Creek at Gulde, MS	02485340	Rankin	219
Eutacutachee Creek near Pelahatchie, MS	02485350	Rankin	220
Fair River near Monticello, MS	02488350	Lawrence	256
Fannegusha Creek near Sand Hill, MS	02484760	Rankin	212
Fannegusha Creek near Tchula, MS	07287350	Holmes	392
Fice Creek at Etta, MS	07268200	Union	334
Fivemile Creek near Utica, MS	07290140	Hinds	431
Fleetwood Creek near Bolton, MS	07290110	Hinds	429
Flint Creek near Wiggins, MS	02479200	Stone	160
Folkes Creek near Cannonsburg, MS	07290850	Jefferson	453
Fords Creek near Woodville, MS	07294950	Wilkinson	475
Foster Creek near Myles, MS	07290440	Copiah	437
Foster Creek near Smyrna, MS	07290420	Copiah	436
Four Mile Creek near Escatawpa, MS	02479342	Jackson	163
Fourteen Mile Creek at Oakley, MS	07290030	Hinds	427
Fourteen Mile Creek south of Edwards, MS	07290119	Hinds	430
Franklin Creek near Grand Bay, AL	02480150	Mobile	170
Gaines Creek near Beaumont, MS	02474960	Perry	105
Garraway Creek at Belleville, MS	02474520	Perry	91
Graves Creek near Columbia, MS	02489100	Marion	271
Grays Creek near Michigan City, MS	07030390	Benton	325
Grays Creek near Springhill, MS	07030380	Benton	324
Grogg Creek at Canaan, MS	07030364	Benton	322
Gully Creek near Baxterville, MS	02489239	Lamar	277
Half Moon Creek near Baxterville, MS	02489225	Lamar	274
Halls Creek at Monticello, MS	02488520	Lawrence	258
Hanging Moss Creek at Jackson, MS	02485700	Hinds	229
Hashuqua Creek near Macon, MS	02447800	Noxubee	46
Hatchie River near Kossuth, MS	07029267	Alcorn	313
Hatchie River near Ripley, MS	07029250	Tippah	311
Hatchie River near Walnut, MS	07029270	Alcorn	314
Hayes Creek near Vaiden, MS	07289270	Carroll	404
Hell Creek near New Albany, MS	07267000	Union	329
Hester Creek near Biloxi, MS	02480400	Harrison	173
Hickahala Creek near Coldwater, MS	07277760	Tate	369
Hickahala Creek near Senatobia, MS	07277700	Tate	368
Hickory Creek near Kiln, MS	02481550	Hancock	184

Table 2.--Index of streamflow-gaging stations listed alphabetically by station name--Continued

Station name	Station number	County or Parish	Ref. no.
Hinkle Creek near Reinzi, MS	07029277	Alcorn	315
Hog Branch near Biloxi, MS	02480450	Harrison	174
Hog Creek near Jackson, MS	02485730	Rankin	230
Holiday Creek at Goss, MS	02488850	Marion	268
Hollybush Creek near Pelahatchie, MS	02485390	Rankin	222
Hominey Creek near Florence, MS	02486640	Rankin	239
Homochitto River at Eddiceton, MS	07291000	Franklin	459
Homochitto River at Rosetta, MS	07292500	Franklin	466
Homochitto River near Bude, MS	07291500	Franklin	462
Homochitto River near Dolorosa, MS	07294500	Wilkinson	473
Homochitto River near Kingston, MS	07293500	Adams	470
Hontokalo Creek near Steel, MS	02482760	Scott	201
Hotopha Creek near Batesville, MS	07273100	Panola	352
Houlka Creek near McCondy, MS	02440400	Clay	36
Houlka Creek near Trebloc, MS	02440250	Chickasaw	35
Hudson Creek near Oxford, MS	07271500	Lafayette	350
Humphreys Creek near Taylor, MS	07274100	Lafayette	355
Hurricane Creek near Baxterville, MS	02489230	Lamar	275
Hurricane Creek near Kosciusko, MS	02483950	Attala	208
Hurricane Creek near Oxford, MS	07270800	Lafayette	348
Hurricane Creek near Sandy Hook, MS	02489262	Marion	280
Ichusa Creek near Sylvarena, MS	02471150	Smith	61
Indian Creek at Florence, MS	02486610	Rankin	238
Jackson Creek near Orange Grove, MS	02480100	Jackson	169
James Creek at Aberdeen, MS	02437600	Monroe	29
Jasper Creek at Cotton Plant, MS	07266500	Union	328
Jaybird Creek near Prentiss, MS	02488660	Jefferson Davis	263
Jones Creek at Columbia, MS	02488950	Marion	269
Kentawka Creek near Philadelphia, MS	02481950	Neshoba	194
Lappatubby Creek at Ecru, MS	07267100	Pontotoc	331
Leaf River at Hattiesburg, MS	02473000	Forrest	80
Leaf River at Moselle, MS	02472370	Jones	72
Leaf River near Collins, MS	02472000	Covington	67
Leaf River near Ellisville, MS	02472170	Jones	69
Leaf River near Mahned, MS	02473360	Perry	82
Leaf River near McCallum, MS	02473320	Forrest	81
Leaf River near McLain, MS	02475000	Greene	106
Leaf River near New Augusta, MS	02474560	Perry	94
Leaf River near Raleigh, MS	02471100	Smith	60
Leaf River near Taylorsville, MS	02471250	Smith	63

Table 2.--Index of streamflow-gaging stations listed alphabetically by station name--Continued

Station name	Station number	County or Parish	Ref. no.
Leatherwood Creek near Holmesville, MS	02490480	Pike	292
Limekiln Creek at Pocahontas, MS	07289790	Hinds	422
Line Creek near Cedar Bluff, MS	02440700	Clay	38
Little Bayou Pierre at Port Gibson, MS	07290725	Claiborne	450
Little Bayou Pierre near Hermanville, MS	07290680	Claiborne	445
Little Biloxi River near Lyman, MS	02481100	Harrison	178
Little Black Creek near Lumberton, MS	02479105	Lamar	149
Little Bogue Creek near Duck Hill, MS	07285080	Montgomery	382
Little Brown Creek near New Site, MS	02429949	Prentiss	2
Little Coonewar Creek near Tupelo, MS	02435600	Lee	20
Little Coonewar Creek near Tupelo, MS	02435700	Lee	21
Little Creek near Belmont, MS	02474850	Perry	103
Little Hatchie River near Ripley, MS	07029260	Tippah	312
Little Spring Creek at Malone, MS	07270600	Marshall	347
Little Tallahatchie River at Etta, MS	07268000	Union	333
Little Tallahatchie River near New Albany, MS	07265500	Union	326
Little Tangipahoa River at Fernwood, MS	07375247	Pike	479
Little Tangipahoa River at Magnolia, MS	07375250	Pike	480
Little Yellow Creek Drainage Canal near Burnsville, MS	03592750	Tishomingo	308
Little Yellow Creek East near Burnsville, MS	03592718	Tishomingo	306
Little Yellow Creek near Burnsville, MS	03592710	Tishomingo	305
Lobutcha Creek at Zama, MS	02482300	Attala	197
Lobutcha Creek near Carthage, MS	02482500	Leake	198
Locks Creek near Etta, MS	07267500	Union	332
Long Creek at Courtland, MS	07275500	Panola	357
Long Creek near Hazlehurst, MS	07290300	Copiah	434
Long Creek near Quitman, MS	02477800	Clarke	128
Lonsilocka Creek near Philadelphia, MS	02481930	Neshoba	193
Love Creek near Liberty, MS	07376655	Amite	486
Lower Little Creek at Hub, MS	02489250	Marion	279
Lower Little Creek near Baxterville, MS	02489240	Lamar	278
Luxapallila Creek at Steens, MS	02443000	Lowndes	41
Luxapallila Creek near Columbus, MS	02443500	Lowndes	42
Macedonia Creek at Macon, MS	02448200	Noxubee	48
Magees Creek at Tylertown, MS	02490750	Walthall	295
Mantachie Creek at Dorsey, MS	02431400	Itawamba	10
Matubby Creek near Aberdeen, MS	02437300	Monroe	28
Mays Creek near Biggersville, MS	07029279	Alcorn	317
McCall Creek at Lucien, MS	07291250	Franklin	460
Middle Fork Creek at Meadville, MS	07291750	Franklin	463

Table 2.--Index of streamflow-gaging stations listed alphabetically by station name--Continued

Station name	Station number	County or Parish	Ref. no.
Middleton Creek near Meadville, MS	07291800	Franklin	464
Minnehaha Creek at Magnolia, MS	07375260	Pike	481
Morgan Creek at Morgantown, MS	02488770	Marion	267
Moungers Creek near Vancleave, MS	02480260	Jackson	171
Mud Creek at Tupelo, MS	02435000	Lee	17
Mud Creek near Fairview, MS	02430615	Itamba	6
Muddy Creek at Walnut, MS	07029415	Tippah	320
Muddy Creek near Tiplersville, MS	07029411	Tippah	319
Mulberry Creek at Kilmichael, MS	07289170	Montgomery	399
Mulberry Creek near Pelahatchie, MS	02485288	Rankin	215
Mulberry Creek Tributary near Pelahatchie, MS	02485286	Rankin	214
Nanawaya Creek at Handle, MS	02481750	Winston	188
North Fork Coles Creek at Melton, MS	07290800	Jefferson	451
North Fork Tillatoba Creek near Charleston, MS	07280500	Tallahatchie	375
North Tippah Creek near Ripley, MS	07269000	Tippah	336
Noxapater Creek near Noxapater, MS	02481840	Winston	191
Noxubee River at Macon, MS	02448000	Noxubee	47
Noxubee River near Brooksville, MS	02447500	Noxubee	45
Noxubee River near Geiger, AL	02448500	Sumter	50
Noxubee River near Louisville, MS	02447200	Winston	44
O'Neil Creek near Tinsley, MS	07285880	Yazoo	384
Oakey Woods Creek near Collins, MS	02472200	Covington	70
Oakohay Creek at Hot Coffee, MS	02471900	Covington	66
Oakohay Creek at Mize, MS	02471500	Smith	65
Oakohay Creek near Raleigh, MS	02471400	Smith	64
Okatibbee Creek at Arundel, MS	02476600	Lauderdale	116
Okatoma Creek at Collins, MS	02472800	Covington	76
Okatoma Creek at Mount Olive, MS	02472600	Covington	75
Okatoma Creek at Sanford, MS	02472850	Covington	77
Orphan Creek near Kiln, MS	02481650	Hancock	187
Otoucalofa Creek at Water Valley, MS	07274250	Yalobusha	356
Pachuta Creek near Pachuta, MS	02477150	Clarke	120
Panther Creek at Virlilia, MS	07289650	Madison	416
Pascagoula River at Merrill, MS	02479000	George	140
Pawticfaw Creek near Cullum, MS	02467244	Kemper	53
Pawticfaw Creek near Porterville, MS	02467300	Kemper	55
Peachahala Creek near Vaiden, MS	07289300	Carroll	405
Pearl River at Burnside, MS	02481880	Neshoba	192
Pearl River at Edinburg, MS	02482000	Leake	195
Pearl River near Carthage, MS	02482550	Leake	199

Table 2.--Index of streamflow-gaging stations listed alphabetically by station name--Continued

Station name	Station number	County or Parish	Ref. no.
Pearl River near Lena, MS	02483500	Leake	205
Pelahatchie Creek at Pelahatchie, MS	02485300	Rankin	218
Pelahatchie Creek near Fannin, MS	02485500	Rankin	227
Pelucia Creek at Rising Sun, MS	07287100	Leflore	390
Pelucia Creek near Carrollton, MS	07287047	Carroll	389
Persimmon Creek near Flora, MS	07289680	Madison	417
Peters (Long) Creek near Pope, MS	07275530	Panola	358
Pierce Creek at Pelahatchie, MS	02485294	Rankin	217
Pigeon Roost Creek near Byhalia, MS	07276500	Marshall	363
Pigeon Roost Creek near Holly Springs, MS	07276440	Marshall	361
Pigeon Roost Creek near Lewisburg, MS	07277000	De Soto	364
Pigeon Roost Creek near Red Banks, MS	07276460	Marshall	362
Piney Creek near Yazoo City, MS	07287480	Yazoo	395
Piney Woods Creek near Richton, MS	02474900	Perry	104
Pollard Mill Branch at Paden, MS	02429980	Tishomingo	3
Ponta Creek at Lauderdale, MS	02467450	Lauderdale	57
Porter Creek near Bude, MS	07291450	Franklin	461
Porterchitto Creek near Newton, MS	02475290	Newton	108
Potacocowa Creek at Avalon, MS	07286300	Carroll	386
Potts Creek near Potts Camp, MS	07270000	Marshall	344
Purple Creek at Jackson, MS	02485650	Hinds	228
Purvis Creek near Johns, MS	02487280	Rankin	242
Purvis Creek near Puckett, MS	02487287	Rankin	243
Red Bud Creek near Moores Mill, MS	02430085	Tishomingo	5
Red Cane Creek near Pisgah, MS	02484752	Rankin	211
Red Creek at Perkinston, MS	02479191	Stone	159
Red Creek at Vestry, MS	02479300	George	162
Red Creek near Wiggins, MS	02479190	Stone	158
Rhoden Creek near Pine Grove, MS	07269790	Benton	339
Rhodes Creek near Terry, MS	02486690	Hinds	241
Rials Creek near Mendenhall, MS	02487620	Simpson	250
Richland Creek near Brandon, MS	02486140	Rankin	231
Richland Creek near Florence, MS	02486220	Rankin	234
Richland Creek near Jackson, MS	02486300	Rankin	235
Richland Creek near Whitfield, MS	02486180	Rankin	232
Riley Creek near Fannin, MS	02485420	Rankin	224
Rock Creek near Belmont, MS	02430038	Tishomingo	4
Rocky Creek near Lucedale, MS	02479550	George	165
Rocky Creek near Sykes, MS	02477850	Clarke	129
Rollison Creek near Sand Hill, MS	02484763	Rankin	213

Table 2.--Index of streamflow-gaging stations listed alphabetically by station name--Continued

Station name	Station number	County or Parish	Ref. no.
St. Catherine Creek at Foster, MS	07290895	Adams	457
St. Catherine Creek at Washington, MS	07290893	Adams	456
St. Catherine Creek near Natchez, MS	07290900	Adams	458
Salt Creek near Eupora, MS	07289110	Webster	397
Sanders Creek at Braxton, MS	02487650	Simpson	251
Sandy Creek near Kingston, MS	07293490	Adams	469
Saucier Creek near Wortham, MS	02481050	Harrison	177
Scooba Creek near Scooba, MS	02448600	Kemper	51
Second Creek at Sibley, MS	07294000	Adams	472
Second Creek near Kingston, MS	07293800	Adams	471
Seneasha Creek near Pickens, MS	07289466	Attala	408
Shockaloo Creek near Lillian, MS	02483100	Scott	204
Short Creek near Yazoo City, MS	07287550	Yazoo	396
Shubuta Creek near Shubuta, MS	02477330	Clarke	122
Shutispear Creek near Slate Springs, MS	07282200	Calhoun	377
Silver Creek at Foxworth, MS	02489060	Marion	270
Silver Creek at Silver Creek, MS	02488600	Lawrence	260
Silver Creek near Arm, MS	02488630	Lawrence	261
Sipsey Creek near Splunge, MS	02439333	Monroe	30
Skuna River at Bruce, MS	07283000	Calhoun	378
Snow Creek near Pine Grove, MS	07269815	Benton	341
Souenlovie Creek near Pachuta, MS	02477100	Clarke	119
Souenlovie Creek near Rose Hill, MS	02477070	Jasper	118
South Fork Coles Creek near Cannonsburg, MS	07290840	Jefferson	452
South Fork Coles Creek near Fayette, MS	07290860	Jefferson	454
South Fork Tillatoba Creek near Charleston, MS	07280340	Tallahatchie	373
Sowashee Creek at Meridian, MS	02476530	Lauderdale	115
Sowashee Creek at Meridian, MS	02476500	Lauderdale	114
Standing Pine Creek near Freeny, MS	02482290	Leake	196
Station Creek near Collins, MS	02472300	Covington	71
Steen Creek at Florence, MS	02486600	Rankin	237
Steen Creek near Florence, MS	02486650	Rankin	240
Storm Creek at Carlisle, MS	07290600	Claiborne	443
Straight Fence Creek at Tinnin, MS	07289820	Hinds	423
Strayhorn Creek near Savage, MS	07279647	Tate	371
Strong River at D'Lo, MS	02487500	Simpson	246
Strong River near Puckett, MS	02487300	Rankin	244
Strong River near Rockport, MS	02487760	Simpson	253
Sucarnoochee River at Livingston, AL	02467500	Sumter	58
Sucarnoochee River near Porterville, MS	02467200	Kemper	52

Table 2.–Index of streamflow-gaging stations listed alphabetically by station name--Continued

Station name	Station number	County or Parish	Ref. no.
Sweetwater Creek near Sandy Hook, MS	02489263	Marion	281
Tacketts Creek near Pickens, MS	07289480	Holmes	409
Tallabinnela Creek near Okolona, MS	02436300	Chickasaw	26
Tallabogue Creek near Harperville, MS	02482850	Scott	202
Tallahaga Creek near Noxapater, MS	02481810	Winston	189
Tallahala Creek at Brown Street Ext. at Laurel, MS	02473600	Jones	86
Tallahala Creek at Laurel, MS	02473500	Jones	85
Tallahala Creek at Waldrup, MS	02473460	Jasper	83
Tallahala Creek near Mahned, MS	02474540	Perry	92
Tallahala Creek near Runnelstown, MS	02474500	Perry	90
Tallahalla Creek near Utica, MS	07290549	Hinds	440
Tallahatchie River near Sardis, MS	07273000	Panola	351
Tallahatta Creek at Meehan Junction, MS	02475600	Lauderdale	113
Tallahatta Creek near Little Rock, MS	02475580	Newton	112
Tallahattah Creek near Waldrup, MS	02473480	Jasper	84
Tallahoma Creek near Laurel, MS	02474000	Jones	88
Tallahoma Creek near Laurel, MS	02474100	Jones	89
Tallahoma Creek near Moss, MS	02473950	Jasper	87
Tallashua Creek near Center Ridge, MS	02475230	Newton	107
Tangipahoa River near McComb, MS	07375234	Pike	478
Tanyard Creek at Liberty, MS	07376720	Amite	489
Tarlow Creek near Newton, MS	02475350	Newton	109
Tchoutacabouffa River near Biloxi, MS	02480350	Harrison	172
Ten Mile Creek near Columbia, MS	02489200	Marion	273
Terrell Creek near Learned, MS	07290040	Hinds	428
Tesheva Creek near Eden, MS	07287430	Yazoo	394
Thompson Creek near Hintonville, MS	02474820	Perry	102
Thompson Creek near McCarley, MS	07286500	Carroll	387
Thompson Creek near Mulberry, MS	02474780	Wayne	100
Thompson Creek near Richton, MS	02474800	Perry	101
Tickfaw River at Gillsburg, MS	07375750	Amite	483
Tilda Bogue near Canton, MS	07289600	Madison	415
Tillatoba Creek at Charleston, MS	07280400	Tallahatchie	374
Tillatoba Creek below Oakland, MS	07280270	Tallahatchie	372
Tilton Creek near Oak Vale, MS	02488720,	Lawrence	265
Tippah Creek near Ashland, MS	07269800	Benton	340
Tippah Drainage Canal near Blue Mountain, MS	07269500	Tippah	337
Tippah River near Potts Camp, MS	07269880	Marshall	342
Tishomingo Creek near Saltillo, MS	02434250	Lee	15
Topisaw Creek at Pricedale, MS	02490450	Pike	291

Table 2.--Index of streamflow-gaging stations listed alphabetically by station name--Continued

Station name	Station number	County or Parish	Ref. no.
Town Creek at Eason Boulevard at Tupelo, MS	02435020	Lee	18
Town Creek at Tupelo, MS	02434000	Lee	14
Town Creek near Nettleton, MS	02436500	Monroe	27
Town Creek near Verona, MS	02435500	Lee	19
Trim Cane Creek near Starkville, MS	02440800	Oktibbeha	39
Tumbaloo Creek near Brandon, MS	02486200	Rankin	233
Turkey Creek near Dentville, MS	07290350	Copiah	435
Turkey Creek near Gulfport, MS	02481250	Harrison	180
Turkey Creek near Velma, MS	07283725	Yalobusha	380
Tuscolameta Creek at Walnut Grove, MS	02483000	Leake	203
Tuscolameta Creek near Steel, MS	02482700	Scott	200
Tuscumbia River near Biggersville, MS	070292784	Alcorn	316
Tuscumbia River near Corinth, MS	07029300	Alcorn	318
Tuxachanie Creek near Biloxi, MS	02480500	Harrison	175
Twentymile Creek near Guntown, MS	02430680	Lee	7
Twentymile Creek near Mantachie, MS	02430690	Itawamba	8
Union Creek near Tylertown, MS	02490700	Walthall	294
Upper Little Creek at Lampton, MS	02489130	Marion	272
Waggoner Creek near Liberty, MS	07376740	Amite	490
Wahalak Creek near Willington, MS	02448340	Kemper	49
Wells Creek at Roxie, MS	07293200	Franklin	468
West Fork Amite River near Liberty, MS	07376700	Amite	488
West Fork Topisaw Creek near Pricedale, MS	02490449	Pike	290
West Hobolochitto Creek near McNeill, MS	02492360	Pearl River	300
West Hobolochitto Creek near Picayune, MS	02492370	Pearl River	301
West Hobolochitto Creek near Poplarville, MS	02492355	Pearl River	299
West Tallahala Creek near Sylvarena, MS	02471200	Smith	62
West Tiger Creek near Ovett, MS	02474596	Jones	95
Whisky Creek near Merrill, MS	02479010	George	141
White Oak Creek at Carpenter, MS	07290568	Copiah	442
White Oak Creek near Crystal Springs, MS	07290510	Copiah	439
White Oak Creek near Utica, MS	07290550	Hinds	441
White Sand Creek near Oak Vale, MS	02488700	Lawrence	264
White Sand Creek near Prentiss, MS	02488650	Jefferson Davis	262
Willis Creek near Port Gibson, MS	07290700	Claiborne	448
Wolf River at Spring Hill, MS	07030370	Benton	323
Wolf River near Brody, MS	07030360	Benton	321
Wolf River near Landon, MS	02481510	Harrison	183
Wolf River near Lyman, MS	02481500	Harrison	182
Wolf River near Poplarville, MS	02481400	Pearl River	181

Table 2.--Index of streamflow-gaging stations listed alphabetically by station name--Continued

Station name	Station number	County or Parish	Ref. no.
Yalobusha River at Calhoun City, MS	07282000	Calhoun	376
Yazoo Creek near Kipling, MS	02467250	Kemper	54
Yellow Creek at Moser Bridge at Doskie, MS	03592800	Tishomingo	309
Yellow Creek at Waynesboro, MS	02477490	Wayne	125
Yellow Creek Drainage Canal at Burnsville, MS	03592700	Tishomingo	304
Yellow Creek near Burnsville, MS	03592720	Tishomingo	307
Yellow Rabbit Creek near Ashland, MS	07269700	Benton	338
Yockanookany River at McCool, MS	02483800	Attala	206
Yockanookany River near Kosciusko, MS	02484000	Attala	209
Yockanookany River near Ofahoma, MS	02484500	Leake	210
Yocona River near Oxford, MS	07274000	Lafayette	354
Yocona River near Tula, MS	07273800	Lafayette	353
Zilpha Creek near Hesterville, MS	07289340	Attala	406

APPENDIX

Gaging station pairs on the same stream

[Drainage-area ratio is the drainage area at the upstream station divided by the drainage area at the downstream station; discharge ratio is the 7Q10 for the upstream station divided by the 7Q10 for the downstream station; Used in analysis? identifies station pairs used to compute the transfer exponent in equation 2 and relates to data used in figure 5; Exponent for this pair refers to the exponent of the drainage area ratio based on data for this station pair only]

Upstream station number	Downstream station number	Drainage-area ratio	Discharge ratio	Used in analysis?	Exponent for this pair
02430500	02431000	0.503	0.734	Y	0.450
02430500	02431500	0.436	0.563	Y	0.692
02430500	02432000	0.412	0.457	Y	0.883
02430680	02430690	0.873	0.857	Y	1.136
02430680	02431000	0.214	0.009	N	3.055
02430690	02431000	0.245	0.010	N	3.274
02431000	02431500	0.867	0.768	Y	1.850
02431000	02432000	0.819	0.623	Y	2.370
02431000	02433500	0.499	0.418	Y	1.255
02431000	02437000	0.317	0.311	Y	1.017
02431000	02437500	0.282	0.232	Y	1.154
02431500	02432000	0.945	0.811	Y	3.703
02431500	02433500	0.576	0.544	Y	1.104
02431500	02437000	0.366	0.406	Y	0.897
02431500	02437500	0.325	0.303	Y	1.062
02432500	02433000	0.405	0.317	Y	1.271
02435000	02435020	0.427	0.175	N	2.048
02435000	02435500	0.367	0.127	N	2.059
02435020	02435500	0.860	0.723	Y	2.151
02435020	02436500	0.376	0.259	Y	1.381
02435980	02436000	0.786	0.653	Y	1.770
02436000	02436500	0.234	0.317	Y	0.791
02437500	02441500	0.486	0.518	Y	0.912
02437500	02444500	0.365	0.350	Y	1.042
02439333	02439500	0.255	0.090	N	1.762
02439333	02439600	0.248	0.089	N	1.735
02439500	02439600	0.972	0.990	Y	0.354
02441500	02444500	0.751	0.677	Y	1.362
02443000	02443500	0.432	0.609	Y	0.591
02447200	02448000	0.234	0.054	N	2.010

Gaging station pairs on the same stream--Continued

Upstream station number	Downstream station number	Drainage-area ratio	Discharge ratio	Used in analysis?	Exponent for this pair
02467244	02467300	0.397	0.216	Y	1.659
02471100	02471250	0.312	0.023	N	3.239
02471100	02472000	0.192	0.007	N	3.007
02471200	02471250	0.325	0.006	N	4.552
02471200	02472000	0.201	0.002	N	3.873
02471250	02472000	0.618	0.284	N	2.616
02471400	02471500	0.329	0.003	N	5.225
02471400	02471900	0.250	0.001	N	4.983
02471500	02471900	0.758	0.326	N	4.045
02471500	02472000	0.249	0.188	Y	1.202
02471500	02472170	0.206	0.129	N	1.296
02471900	02472000	0.328	0.577	Y	0.493
02471900	02472170	0.272	0.394	Y	0.715
02471900	02472370	0.240	0.296	Y	0.853
02472000	02472170	0.829	0.684	Y	2.025
02472000	02472370	0.731	0.513	Y	2.130
02472000	02473000	0.425	0.192	N	1.929
02472170	02472370	0.881	0.750	Y	2.271
02472170	02473000	0.513	0.281	Y	1.902
02472370	02473000	0.582	0.374	Y	1.817
02472380	02472500	0.203	0.314	Y	0.726
02472600	02472800	0.591	0.850	Y	0.309
02472600	02472850	0.386	0.428	Y	0.891
02472800	02472850	0.654	0.503	Y	1.618
02472800	02472940	0.260	0.249	Y	1.032
02472850	02472940	0.398	0.496	Y	0.761
02472940	02473000	0.370	0.487	Y	0.724
02473000	02473320	0.954	0.919	Y	1.794
02473000	02473360	0.925	0.794	Y	2.959
02473000	02474560	0.688	0.753	Y	0.759
02473000	02475000	0.500	0.625	Y	0.678
02473000	02479000	0.265	0.408	Y	0.675
02473320	02473360	0.970	0.864	Y	4.799
02473320	02474560	0.721	0.819	Y	0.610
02473320	02475000	0.524	0.681	Y	0.594
02473320	02479000	0.278	0.444	Y	0.634
02473360	02474560	0.743	0.948	Y	0.180
02473360	02475000	0.540	0.788	Y	0.387
02473360	02479000	0.287	0.514	Y	0.533
02473460	02473500	0.429	0.375	Y	1.159

Gaging station pairs on the same stream--Continued

Upstream station number	Downstream station number	Drainage-area ratio	Discharge ratio	Used in analysis?	Exponent for this pair
02473460	02473600	0.420	0.171	N	2.036
02473500	02473600	0.979	0.455	N	37.103
02473600	02474500	0.397	0.232	Y	1.581
02473600	02474540	0.381	0.167	N	1.855
02473950	02474000	0.791	0.688	Y	1.595
02473950	02474100	0.663	0.574	Y	1.351
02474000	02474100	0.837	0.835	Y	1.013
02474500	02474540	0.959	0.719	Y	7.880
02474560	02475000	0.727	0.831	Y	0.581
02474560	02479000	0.386	0.542	Y	0.643
02474780	02474800	0.639	0.089	N	5.402
02474780	02474820	0.555	0.038	N	5.554
02474800	02474820	0.867	0.426	N	5.979
02474900	02474960	0.400	0.583	Y	0.589
02475000	02479000	0.530	0.652	Y	0.674
02475230	02475500	0.255	0.025	N	2.700
02475500	02477000	0.402	0.180	N	1.882
02475580	02475600	0.291	0.429	Y	0.686
02476000	02476600	0.687	0.145	N	5.144
02476500	02476530	0.689	0.245	N	3.776
02476530	02476600	0.221	0.178	Y	1.143
02477000	02477350	0.630	0.344	Y	2.310
02477000	02477500	0.556	0.241	N	2.424
02477000	02478500	0.341	0.119	N	1.979
02477070	02477100	0.525	0.127	N	3.203
02477350	02477500	0.884	0.701	Y	2.881
02477350	02478500	0.542	0.345	Y	1.738
02477500	02478500	0.613	0.492	Y	1.449
02477500	02479000	0.250	0.132	N	1.461
02477800	02477900	0.232	0.673	N	0.271
02477900	02477990	0.673	0.172	N	4.445
02477900	02478030	0.551	0.059	N	4.749
02477990	02478030	0.819	0.341	N	5.388
02478100	02478140	0.321	0.395	Y	0.817
02478500	02479000	0.408	0.268	Y	1.469
02478700	02478760	0.826	0.902	Y	0.540
02479040	02479050	0.487	0.851	Y	0.224
024790912	02479093	0.315	0.487	Y	0.623
02479093	02479100	0.353	0.163	N	1.742
02479100	02479130	0.482	0.403	Y	1.245

Gaging station pairs on the same stream--Continued

Upstream station number	Downstream station number	Drainage-area ratio	Discharge ratio	Used in analysis?	Exponent for this pair
02479100	02479160	0.244	0.241	Y	1.009
02479100	02479170	0.227	0.202	Y	1.079
02479130	02479160	0.506	0.597	Y	0.757
02479130	02479170	0.471	0.501	Y	0.918
02479160	02479170	0.931	0.839	Y	2.455
02479190	02479191	0.797	0.371	N	4.370
02479190	02479300	0.401	0.130	N	2.233
02479191	02479300	0.503	0.349	Y	1.532
02479560	02479600	0.870	0.668	Y	2.897
02481000	02481130	0.383	0.118	N	2.227
02481100	02481130	0.273	0.132	N	1.560
02481400	02471500	0.384	0.239	Y	1.495
02481400	02481510	0.231	0.081	N	1.715
02481500	02481510	0.821	0.633	Y	2.319
02481550	02481570	0.390	0.239	Y	1.520
02481880	02482000	0.575	0.150	N	3.428
02482300	02482500	0.450	0.004	N	6.915
02482500	02482550	0.230	0.211	Y	1.059
02482550	02483500	0.679	0.658	Y	1.081
02482550	02485000	0.489	0.448	Y	1.122
02483000	02483500	0.207	0.076	N	1.636
02483500	02485000	0.719	0.680	Y	1.169
02483800	02484000	0.439	0.632	Y	0.557
02483800	02484500	0.284	0.350	Y	0.834
02484000	02484500	0.646	0.554	Y	1.352
02486000	02487000	0.847	0.557	Y	3.524
02486000	02488000	0.696	0.343	N	2.953
02486000	02488500	0.635	0.287	N	2.749
02486000	02489000	0.554	0.135	N	3.391
02486600	02486650	0.224	0.088	N	1.624
02487000	02488000	0.822	0.617	Y	2.464
02487000	02488500	0.750	0.515	Y	2.307
02487000	02489000	0.655	0.242	N	3.353
02487300	02487500	0.584	0.097	N	4.338
02487300	02487760	0.366	0.025	N	3.670
02487500	02487760	0.627	0.261	N	2.877
02488000	02488500	0.912	0.836	Y	1.945
02488000	02489000	0.797	0.392	N	4.127
02488500	02489000	0.873	0.469	Y	5.575
02488500	02489500	0.760	0.311	N	4.256

Gaging station pairs on the same stream--Continued

Upstream station number	Downstream station number	Drainage-area ratio	Discharge ratio	Used in analysis?	Exponent for this pair
02489000	02489500	0.870	0.662	Y	2.962
02489225	02489240	0.286	0.439	Y	0.658
02489225	02489250	0.191	0.417	N	0.528
02489230	02489240	0.487	0.280	Y	1.769
02489230	02489250	0.325	0.266	Y	1.178
02489239	02489240	0.285	0.174	Y	1.393
02489239	02489250	0.190	0.165	N	1.085
02489240	02489250	0.668	0.948	Y	0.132
024892693	02489200	0.327	0.112	N	1.959
02490310	02490500	0.327	0.120	N	1.897
02490448	02490450	0.524	0.701	Y	0.550
02490449	02490450	0.395	0.523	Y	0.698
02490450	02490500	0.224	0.111	N	1.469
02490500	02491500	0.499	0.467	Y	1.095
02490500	02492000	0.407	0.414	Y	0.981
02491500	02492000	0.814	0.886	Y	0.588
02492355	02492360	0.545	0.342	Y	1.768
02492355	02492370	0.456	0.321	Y	1.447
02492360	02492370	0.837	0.939	Y	0.354
03592100	03592500	0.493	0.621	Y	0.674
03592700	03592720	0.613	0.045	N	6.337
03592700	03592800	0.324	0.011	N	4.002
03592710	03592718	0.466	0.412	Y	1.161
03592718	03592720	0.327	0.765	N	0.240
03592720	03592800	0.528	0.238	N	2.248
07029250	07029267	0.281	0.171	Y	1.391
07029267	07029270	0.474	0.339	Y	1.449
070292784	07029300	0.892	0.859	Y	1.330
07030360	07030370	0.195	0.278	Y	0.783
07030370	07030500	0.207	0.026	N	2.317
07030380	07030390	0.940	0.545	Y	9.810
07269800	07269880	0.573	0.244	N	2.533
07269815	07269880	0.196	0.726	N	0.196
07273000	07273500	0.900	0.806	Y	2.047
07273800	07274000	0.476	0.040	N	4.336
07273800	07275000	0.200	0.009	N	2.927
07274000	07275000	0.419	0.237	Y	1.655
07275500	07275530	0.787	0.257	N	5.672
07275950	07276000	0.986	0.768	Y	18.722
07275950	07277500	0.331	0.308	Y	1.065

Gaging station pairs on the same stream--Continued

Upstream station number	Downstream station number	Drainage-area ratio	Discharge ratio	Used in analysis?	Exponent for this pair
07276000	07277500	0.336	0.401	Y	0.838
07276440	07276460	0.701	0.052	N	8.322
07276440	07276500	0.300	0.015	N	3.488
07276460	07276500	0.428	0.296	Y	1.435
07276460	07277000	0.219	0.165	N	1.186
07276500	07277000	0.511	0.558	Y	0.869
07277700	07277760	0.573	0.656	Y	0.757
07280270	07280400	0.323	0.289	Y	1.098
07280340	07280400	0.469	0.917	Y	0.114
07282500	07285500	0.392	0.067	N	2.886
07283000	07283500	0.584	0.288	N	2.314
07283200	07283209	0.916	0.106	N	25.579
07285080	07285400	0.329	0.210	Y	1.404
07285500	07287000	0.208	0.056	N	1.836
07286500	07286700	0.194	0.198	Y	0.988
07289180	07289260	0.756	0.163	N	6.485
07289180	07289350	0.549	0.097	N	3.891
07289180	07289500	0.378	0.049	N	3.100
07289260	07289350	0.726	0.593	Y	1.632
07289260	07289500	0.500	0.302	Y	1.727
07289350	07289500	0.688	0.509	Y	1.806
07289500	07289730	0.639	0.768	Y	0.589
07289500	07290000	0.539	0.599	Y	0.829
07289500	07290210	0.448	0.631	Y	0.573
07289730	07290000	0.843	0.780	Y	1.455
07289730	07290210	0.701	0.821	Y	0.555
07290000	07290210	0.831	0.829	Y	1.013
07290250	07290500	0.325	0.190	Y	1.478
07290420	07290440	0.679	0.933	Y	0.179
07290500	07290650	0.573	0.908	Y	0.173
07290550	07290568	0.874	0.385	N	7.088
07290680	07290725	0.309	0.192	Y	1.405
07290688	07290690	0.792	0.870	Y	0.597
07290688	07290725	0.199	0.075	N	1.604
07290690	07290725	0.252	0.086	N	1.780
07290800	07290870	0.269	0.077	N	1.953
07290840	07290860	0.376	0.218	Y	1.557
07290850	07290860	0.287	0.197	Y	1.301
07290860	07290870	0.415	0.898	N	0.122
07291000	07291500	0.445	0.320	Y	1.407

Gaging station pairs on the same stream--Continued

Upstream station number	Downstream station number	Drainage-area ratio	Discharge ratio	Used in analysis?	Exponent for this pair
07291000	07292500	0.230	0.214	Y	1.049
07291500	07292500	0.517	0.671	Y	0.605
07291500	07293500	0.398	0.513	Y	0.724
07291500	07294500	0.357	0.523	Y	0.629
07292500	07293500	0.769	0.764	Y	1.025
07292500	07294500	0.690	0.779	Y	0.673
07293500	07294500	0.897	0.900	Y	0.969
07293800	07294000	0.579	0.920	Y	0.153
07375247	07375250	0.543	0.274	Y	2.120
07376640	07376648	0.452	0.229	Y	1.856
07376648	07376685	0.386	0.309	Y	1.234
07376685	07377000	0.386	0.467	Y	0.800
07376720	07376740	0.344	0.309	Y	1.101

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