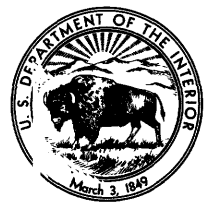
Magnitude and Frequency of Floods in the United States

Part 2-B. South Atlantic Slope and Eastern Gulf of Mexico Basins. Ogeechee River to Pearl River

By HARRY H. BARNES JR. *and* HAROLD G. GOLDEN

GEOLOGICAL SURVEY WATER-SUPPLY PAPER 1674



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CONTENTS

ILLUSTRATIONS

TABLES

MAGNITUDE AND FREQUENCY OF FLOODS IN THE UNITED STATES

PART 2–B. SOUTH ATLANTIC SLOPE AND EASTERN GULF OF MEXICO BASINS, OGEECHEE RIVER TO PEARL RIVER

By HARRY H. BARNES, JR., and HAROLD G. GOLDEN

ABSTRACT

This report presents a method by which the magnitude of floods of selected frequencies for most streams in the South Atlantic slope and eastern Gulf of Mexico basins can be determined.

Composite frequency curves shown for four regions define the relation of a flood of any recurrence interval from 1.1 to 50 years to the mean annual flood. Areal curves show the relation between drainage area and the mean annual flood in 19 hydrologic areas. A method is shown for adjusting the mean annual flood where the percentage of the drainage area in lakes and swamps is sufficient to cause attenuation of flood peaks. Some main-stem streams exhibit varying hydrologic characteristics, and individual flood-frequency curves are defined for use where the regional and areal curves are not applicable. A design concept is presented, and a method is given for determining the probability of a flood of a specified recurrence interval being exceeded in a designated period.

Maximum known flood stages and discharges at gaging stations and peak discharges at miscellaneous sites are given. The maximum discharges are plotted against drainage areas, and the 10- and 50-year flood-frequency curves are shown for each hydrologic area to provide a convenient means for evaluating the frequencies of the maximum known floods within each area. Flood peak discharge data and descriptions are given for all gaging stations in Part 2–B having 5 or more years of record except for those stations in the Florida Everglades south of Lake Okeechobee and those stations on canals and drainage ditches

INTRODUCTION

PURPOSE AND SCOPE

This report presents the results of an analysis of available flood record through September 1961 and describes methods by which the magnitude and frequency of floods can be determined for most streams in the South Atlantic slope and eastern Gulf of Mexico basins, Ogeechee River to Pearl River. In addition to the flood-frequency analysis, significant flood data are presented.

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Knowledge of the magnitude and frequency of floods is essential for the proper design of structures bordering on stream channels or encroaching on flood plains. Such structures include dams, levees, bridges, highways, railroads, and buildings. The design of these structures on any basis other than the maximum possible flood must be assumed to involve some risk. Where failure of a structure may result in the loss of human life or a large sum of money, the design is usually based on a flood of a magnitude that probably never will be exceeded; however, where the failure of a structure would cause only temporary inconvenience or relatively moderate property loss, it is often economically desirable to include an element of risk in the design. In the design of highways, for example, the optimum period for hydraulic consideration lies between two extremes: on the one hand, the low initial cost and high average annual maintenance cost associated with the highway that would be inundated and damaged by floods annually, and on the other hand, the high initial cost and low average maintenance cost of the highway designed to pass the flood that will rarely occur. A basis for determining the frequency with which a structure may be damaged or destroyed by floods is therefore essential for sound economic design.

Ideally, there would be available at the site of each proposed structure a long-term systematic record of flood events. Unfortunately, it is impracticable to maintain stream-gaging stations at all points where flood data might be desired. Even where the importance of the proposed structure would warrant the installation of a gaging station at the site, it is rarely possible to anticipate the need far enough in advance to obtain records of sufficient length to be of statistical value. There is thus a need not only for a method of relating flood magnitudes and frequencies at points where flood data are available but also for a method of transferring those data and relations to other points. One such method, the index-flood method, is used in this report.

The report was prepared under the direction of Tate Dalrymple, chief, Floods Section, U.S. Geological Survey Washington, D.C. Technical assistance was furnished by A. Rice Green. The flood records were collected and compiled under the immediate supervision of the following district engineers: A. N. Cameron, Atlanta, Ga.; A. O. Patterson, Ocala, Fla.; L. E. Carroon, Tuscaloosa, Ala., W. H. Robinson, Jackson, Miss.; F. N. Hansen, Baton Rouge, La.

ACKNOWLEDGMENTS

Unless otherwise noted in the individual station descriptions, the station data were collected by the U.S. Geological Survey with the

assistance of many other Federal and State agencies, municipalities, and corporations, credit for which is given in the annual series of Geological Survey water-supply papers entitled "Surface Water Supply of the United States" and, since 1960, in the annual Geological Survey surface-water reports of the various States.

DESCRIPTION OF THE AREA

The South Atlantic slope and eastern Gulf of Mexico basins embrace 37 river basins from the Ogeechee River in Georgia to the Pearl River in Mississippi and Louisiana. This particular area represents one of 18 subareas in the conterminous United States. These 18 areas, whose boundaries coincide with certain natural drainages, were delineated by the Geological Survey to facilitate publication of streamflow records. The area of this report is designated as Part 2–B and is indicated in figure 1.

PHYSIOGRAPHY

Part 2–B lies within two major physiographic divisions, the Appalachian Highlands and the Coastal Plains, whose common boundary is the so-called Fall Line extending from the northwest corner of Alabama approximately through Tuscaloosa, thence to Columbus, Macon, and Augusta, Ga. North of the Fall Line the topography is highly diversified and ranges in altitude from 200 to 4,400 feet above mean sea level. This higher terrain is the southern terminus of the Appalachian Mountain System and is a part of the Appalachian Highlands. Approximately one-fourth of Part 2–B lies in the Appalachian Highlands; the remainder is south of the Fall Line and lies in the Coastal Plain. The Coastal Plain is comparatively level, with altitudes ranging from sea level to about 1,000 feet in Franklin County of northeastern Alabama.

CLIMATE

The climate of the report area is determined by the geographic position and latitude. The area is in the temperate zone between lat 25°–35° N. and is bounded on the east by the Atlantic Ocean and on the south by the Gulf of Mexico. The climate is generally humid and mild.

Flood-producing rains are generally associated with two types of storms. Broad cyclonic disturbances, usually occurring between November and April, bring steady downpours over large areas Tropical hurricanes, occurring generally between June and October, are less frequent but often bring torrential rains when they move inland from the Atlantic Ocean or the Gulf of Mexico. Characteristically, these storms lose their intensity as they travel inland. This variation is illustrated by figures 2 and 3 which show the 24-hour rainfall to be expected once in 2 years and once in 50 years.

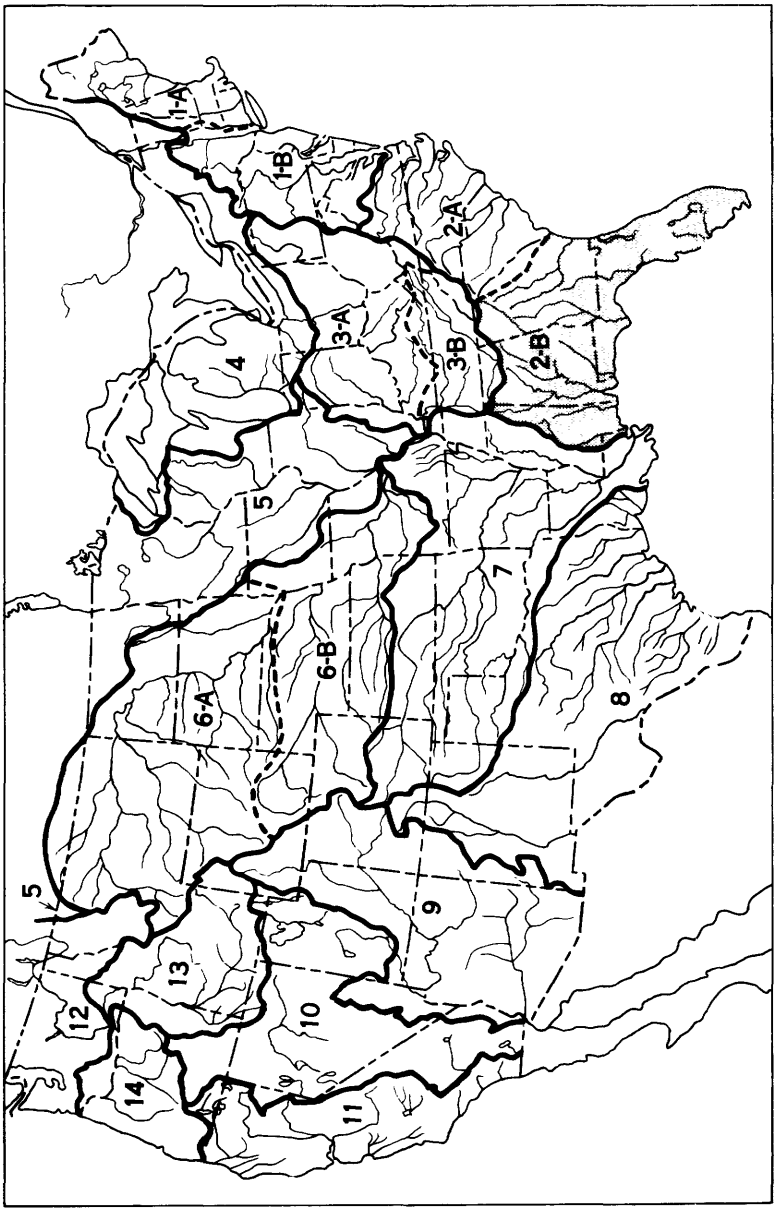

FIGURE 1.—Map of conterminous United States showing area covered by this report.

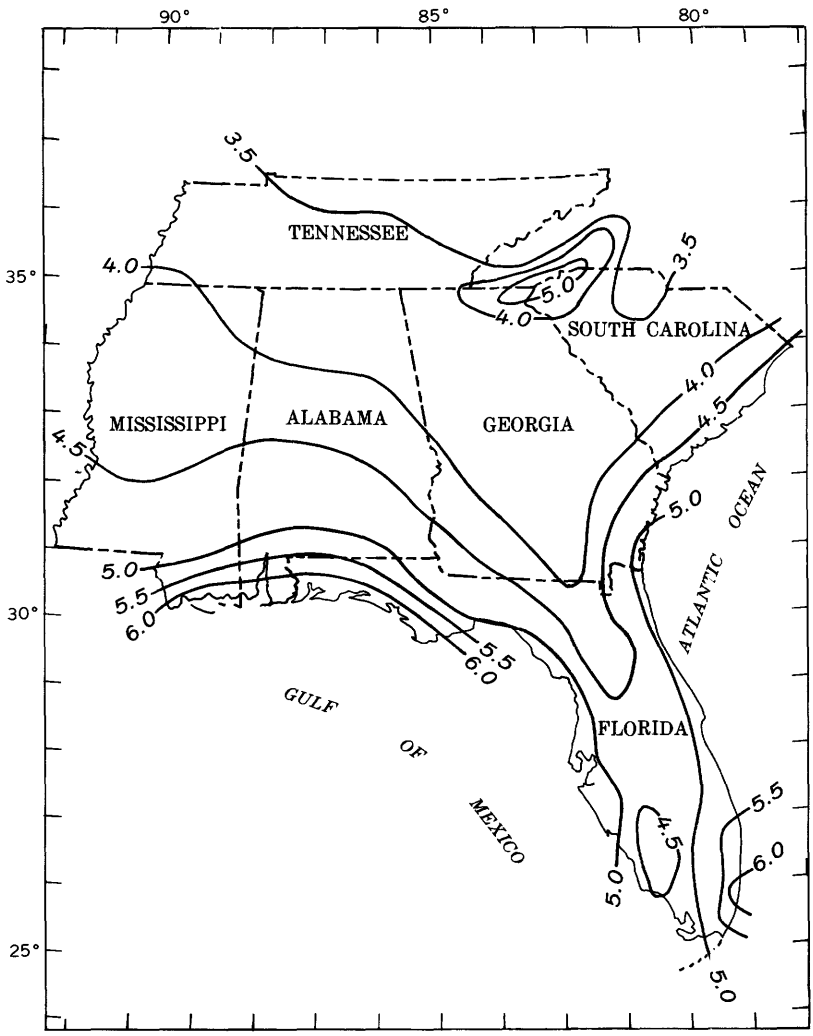

FIGURE 2.—Maximum 24-hour rainfall, in inches, to be expected once in 2 years (from U.S. Weather Bur. Tech. Paper 40).

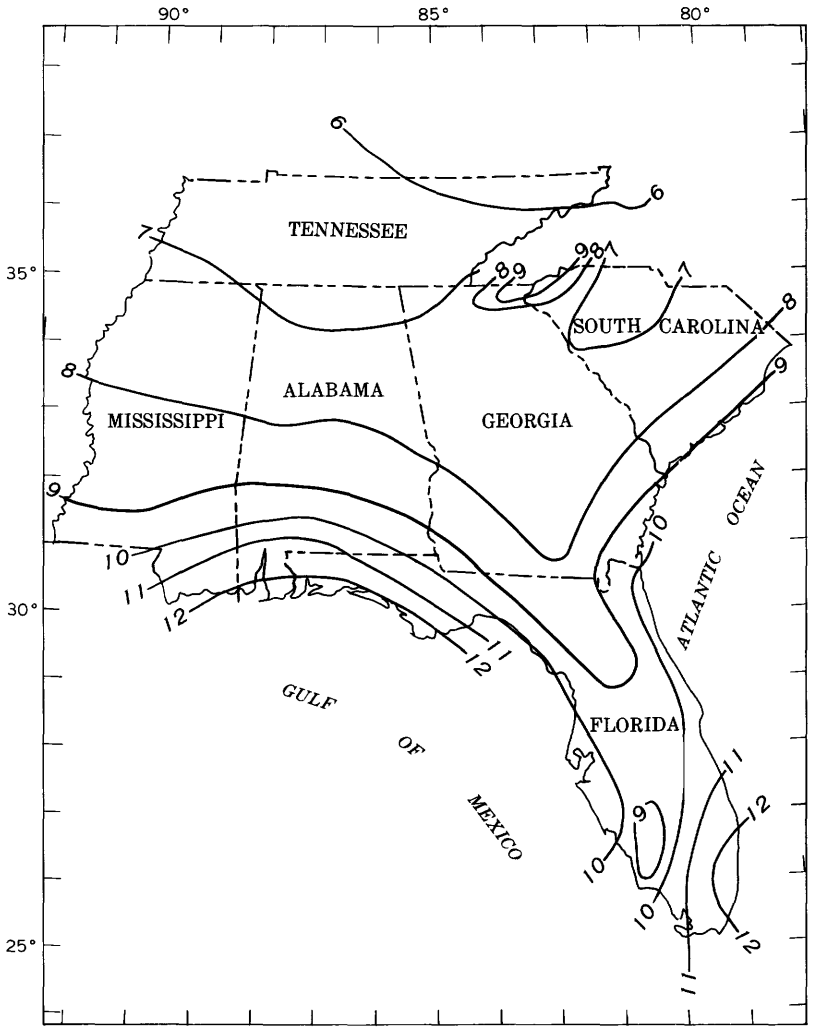

FIGURE 3.—Maximum 24-hour rainfall, in inches, to be expected once in 50 years (from U.S. Weather Bur. Tech. Paper 40).

Average annual rainfall ranges from 46 to 64 inches. The greatest annual precipitation occurs in the Gulf Coastal areas and the Florida peninsula. Annual precipitation decreases inland to about 48 inches in the central part of the report area and increases to about 52 inches in northern Mississippi, Alabama, and Georgia.

FLOOD-FREQUENCY ANALYSIS

FLOOD RECORDS

Annual peak discharge data for 485 gaging stations in Part 2–B having 5 or more years of record were used in the analysis. Data were also used for 64 gaging stations around the perimeter of the report area.

The locations of Part 2–B stations used in the analysis are shown on the map of plate 1.

Tabulations of dates, stages, and peak discharges for gaging stations having 5 or more years of record are presented in the concluding section of this report.

METHOD

The index-flood method of analysis is used in this report to define frequency relations on a regional basis. There are two major parts to such an analysis. The first is the construction of dimensionless frequency curves representing the ratio of a flood of any frequency to the mean annual flood for a region. The second is the formulation of relations between physical characteristics of the basins and the mean annual flood for predicting the mean annual flood at any point within the region. A flood-frequency relation for any location is obtained by combining the two parts. The index-flood method is described in detail by Dalrymple (1960) and is not repeated here.

FLOOD REGIONS

Part 2–B is divided into four flood-frequency regions: A, B, C, and D, as shown in plate 1. Statistical tests of records used indicate that each of the regions is homogeneous with respect to flood-frequency characteristics. The composite frequency curve for each region is shown in figure 4.

The curves for regions A, B, and D were adjusted to the period 1929–61. The curve for region C was adjusted to the period 1892–1961.

HYDROLOGIC AREAS

Part 2–B is divided into 19 hydrologic areas (pl. 1). For each area the mean annual flood is correlated with drainage area. The mean annual flood curves are shown in figures 5–8. Each curve represents the combined influence of topographic and meteorologic characteristics prevalent in the designated hydrologic area.

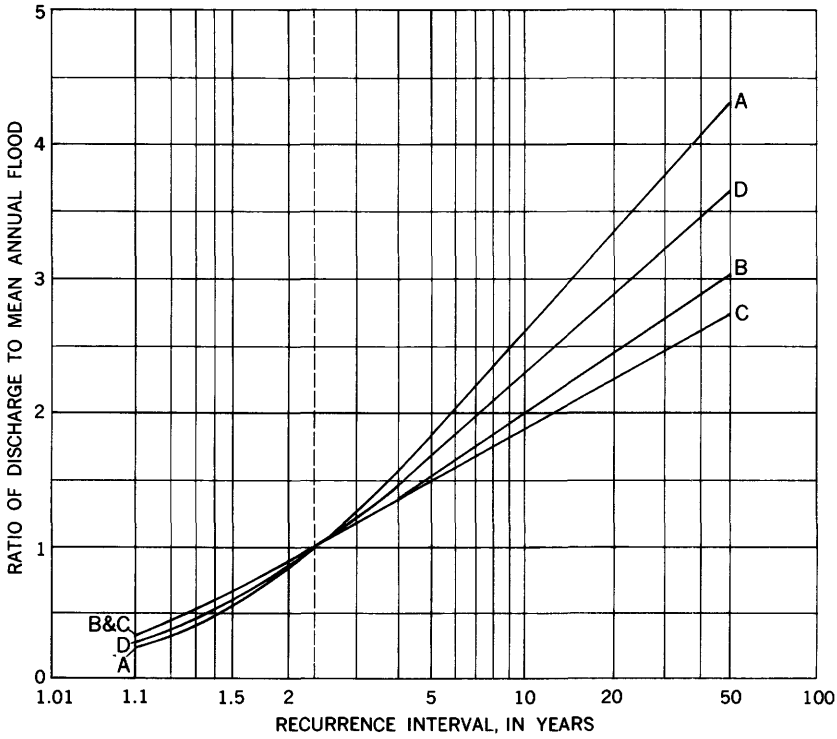

FIGURE 4.—Frequency of annual floods for regions A–D.

Attenuation adjustment.—A drainage basin containing lakes and swamps will have lower flood peaks than an otherwise equivalent basin because of the temporary storage of flood runoff. Discharge records from streams draining lakes and swamps in central Florida (hydrologic areas 1–7) have been analyzed to determine the effect of storage on the attenuation of flood peaks. This effect was found to be significant only if the lakes and swamps covered as much as 3 percent of the total drainage basin. The reduction in the mean annual flood discharge for drainage basins containing lakes and swamps is indi-

EXPLANATION FOR FIGURES 5 AND 6

FIGURE 5.—Variation of mean annual flood with drainage area in hydrologic areas 1–4 (region A). Use figure 9 to adjust mean annual flood for attenuation by storage in lakes and swamps. Use figure 11 for St. Johns River below station 2320. Use figure 13 for Kissimmee River below station 2690.

FIGURE 6.—Variation of mean annual flood with drainage area in hydrologic areas 5–7 (region B). Use figure 9 to adjust mean annual flood for attenuation by storage in lakes and swamps. Use figure 11 for St. Johns River, Withlacoochee River below station 3120, and Suwannee River below station 3195. Use figure 12 for Oklawaha River below station 2385.

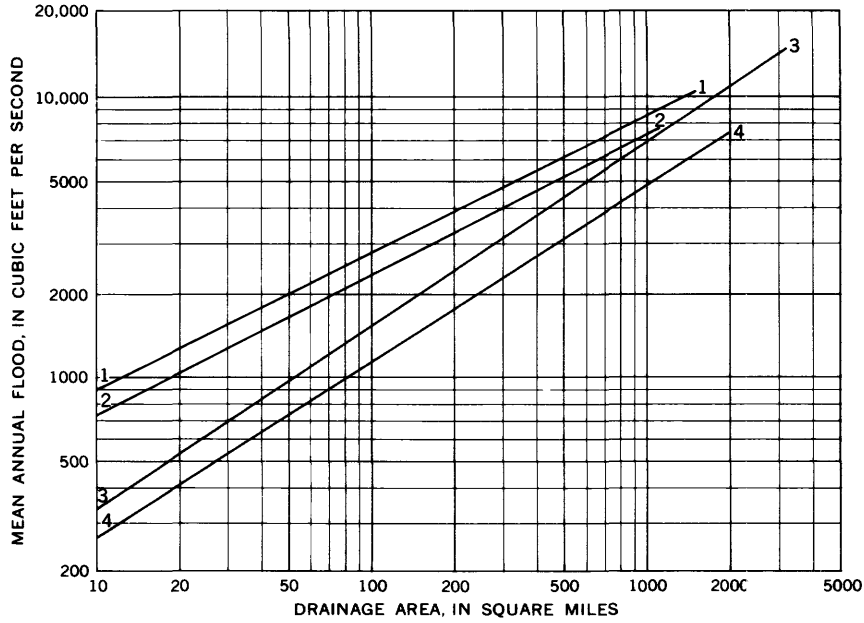

FIGURE 5.

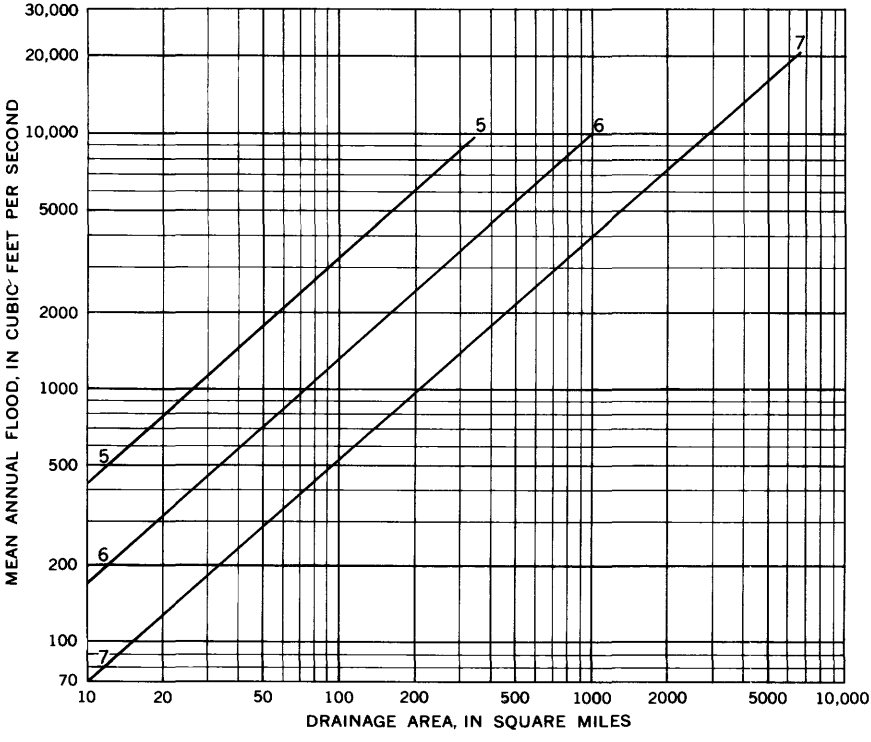

FIGURE 6.

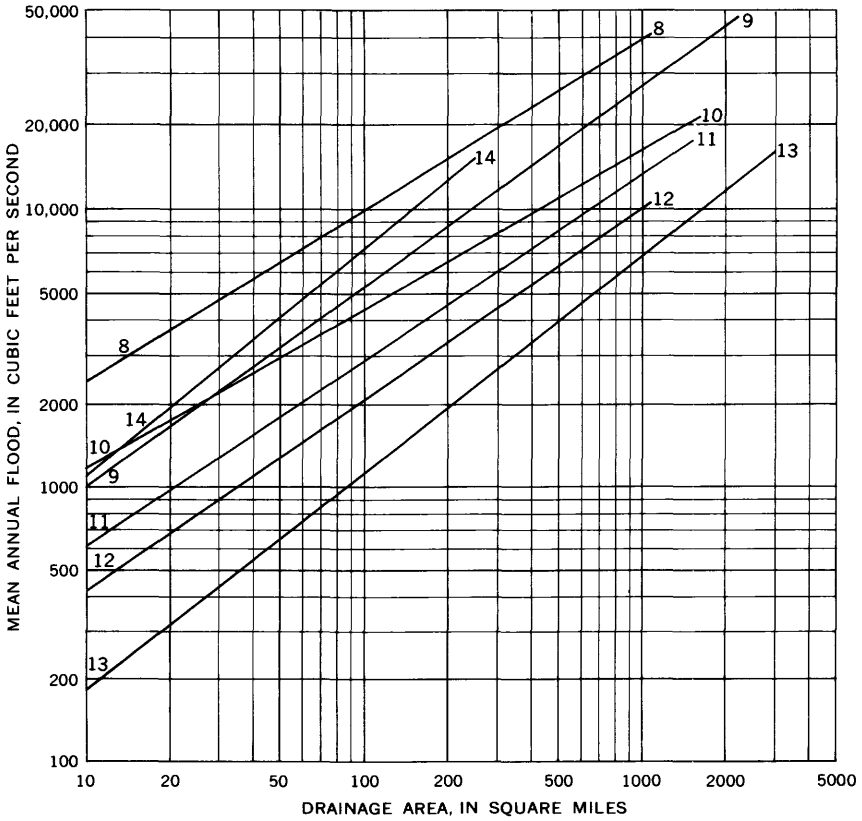

FIGURE 7.—Variation of mean annual flood with drainage area in hydrologic areas 8–14 (region C). Use figure 10 for Oconee River below station 2165, South River below station 2045, Ocmulgee River, and Altamaha River. Use figure 20 for Chattahoochee and Apalachicola Rivers. Use figure 14 for Flint River below station 3450. Use figure 15 for Choctawhatchee River below mouth of Pea River, Conecuh River below station 3740, and Escambia River below mouth of Conecuh River. Use figure 16 for Conasauga, Coosawattee, and Oostanaula Rivers. Use figure 17 for Etowah River below station 3890. Use figure 21 for Coosa River. Use figure 23 for Tombigbee River. Use figure 24 for Black Warrior River.

cated in figure 9. In Part 2–B, most drainage basins having significant percentages of lake and swamp areas are in hydrologic areas 1–7; however, the adjustment factor for attenuation is applicable to streams of any hydrologic area except those streams which have been given main-stem treatment.

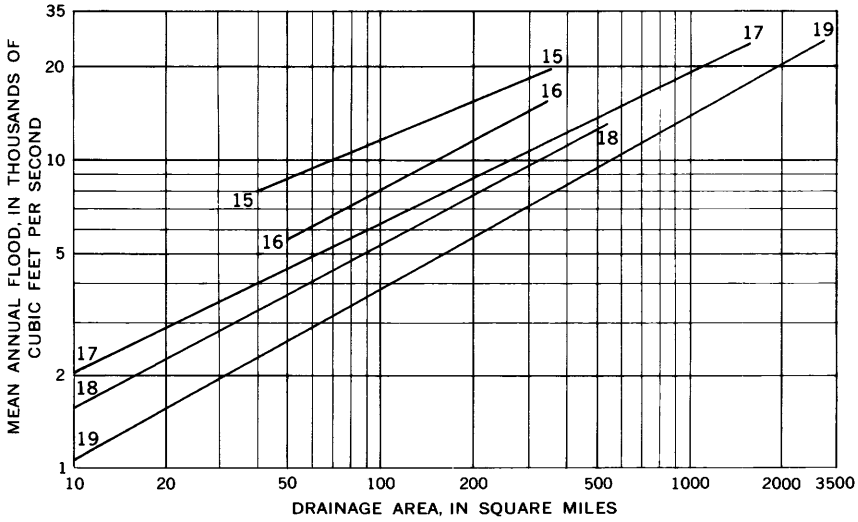

FIGURE 8.—Variation of mean annual flood with drainage area in hydrologic areas 15–19 (region D). Use figure 21 for Coosa River. Use figure 22 for Alabama River. Use figure 18 for Cahaba River in hydrologic area 18 and Sipsey River below station 4455. Use figure 23 for Tombigbee River. Use figure 24 for Black Warrior River. Use figure 19 for Leaf River below station 4720 and Pascagoula River. Use figure 25 for Pearl River below station 4820.

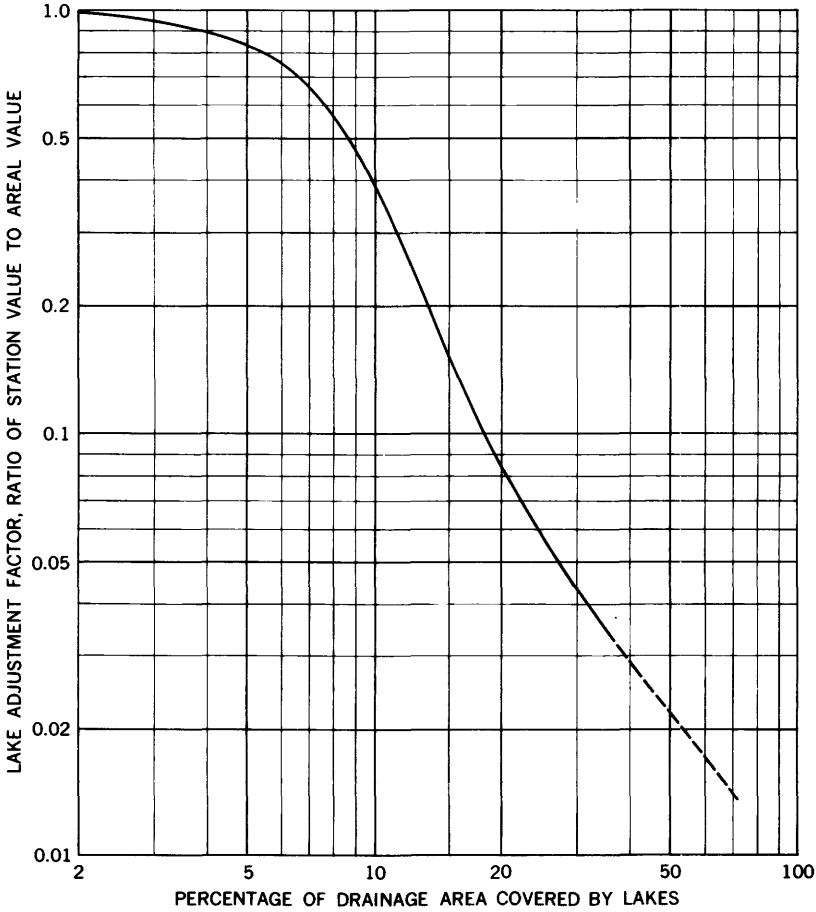

FIGURE 9.—Attenuation adjustment to mean annual flood due to lake and swamp storage. Adjustment factor applicable in hydrologic areas 1–7 is not applicable to main-stem streams.

APPLICATION OF FREQUENCY RELATIONS

LIMITATIONS

Composite frequency curves shown in figure 4 are defined between 1.1- and 50-year recurrence intervals. The range of drainage basin sizes for which the mean annual flood is defined in each hydrologic area is indicated by the mean annual flood curves shown in figures 5–8. Extrapolation of data beyond the limits indicated by regional and areal curves is not recommended.

Some streams do not lend themselves readily to regional analysis and require special treatment. These streams are designated as main-stem streams and are subject to the same general restrictions applicable to regional streams.

PROCEDURE

A procedure for determining the magnitude of floods having recurrence intervals ranging from 1.1 to 50 years is outlined in this section. This procedure is applicable to any stream in Part 2–B except those streams cited for special treatment under "Main-stem streams" and those streams having restrictions described under "Exceptions":

1. Determine from plate 1 the flood region and hydrologic area in which the site is located.
2. Determine the drainage area above the selected site.
3. Determine the discharge of the mean annual flood from the appropriate hydrologic area curve (figs. 5–8). If the percentage of the drainage area in lakes and swamps is more than 2 percent, multiply the mean annual flood by the lake adjustment factor selected from figure 9.
4. Determine the ratio of the mean annual flood for the flood of the selected recurrence interval from the appropriate curve in figure 4.
5. Multiply the discharge of the mean annual flood (step 3) by the ratio (step 4) to obtain the discharge for the flood of the selected frequency.
6. A complete discharge-frequency curve for the site can be constructed by repeating steps 4 and 5 for several selected recurrence intervals and drawing a smooth curve through the plotted points.

MAIN-STEM STREAMS

Some main-stem streams drain several hydrologic areas and exhibit varying hydrologic characteristics uncommon to any particular area. For these streams, separate curves relating mean annual flood to drainage area have been constructed and are shown as figures 10–19.

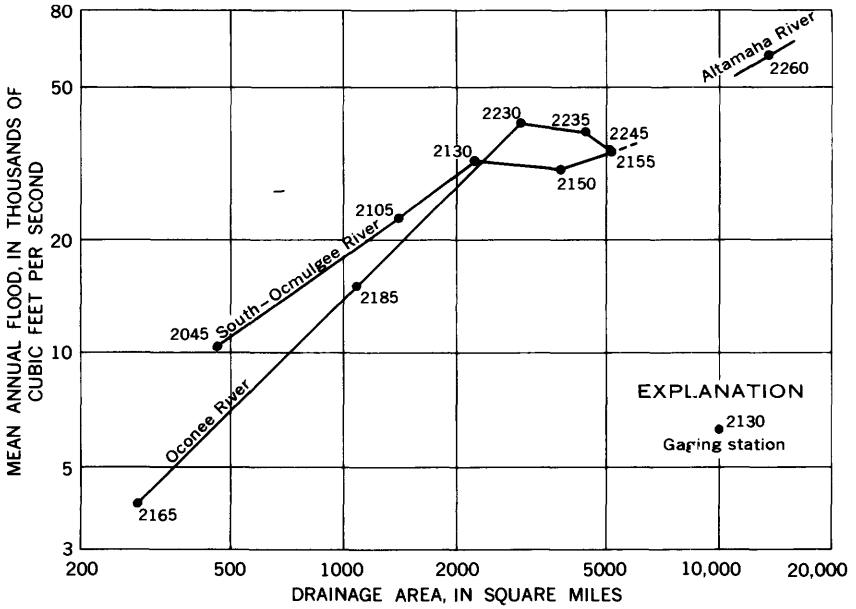

FIGURE 10.—Variation of mean annual flood with drainage area on main stems of Ocmulgee, Oconee, and Altamaha Rivers (region C).

The regional frequency curve is not applicable to a few main-stem streams because of a lack of homogeneity with other streams in the same region. Separate curves for selected flood frequencies have been constructed for these main-stem streams and are shown in figures 20–25. The streams requiring additional special treatment for flood frequency are the Chattahoochee, Apalachicola, Coosa, Alabama, Tombigbee, Black Warrior, and Pearl Rivers.

EXCEPTIONS

UNDEFINED AREAS

Flood-frequency relations are not defined for the limestone sinkhole area in north-central Florida and the Florida Everglades south of Lake Okeechobee. The limestone areas in the Aucilla and St. Marks Rivers and Lost Creek basins are characterized by numerous subterranean channels which reduce flood discharges; streams in these basins are not subject to analysis by the index-flood method. The Everglades region of the Florida peninsula is drained by interconnected canal systems which are being improved. The continuing variation in drainage systems influences flood peaks to such an extent that flood-frequency definition of the region is indeterminate.

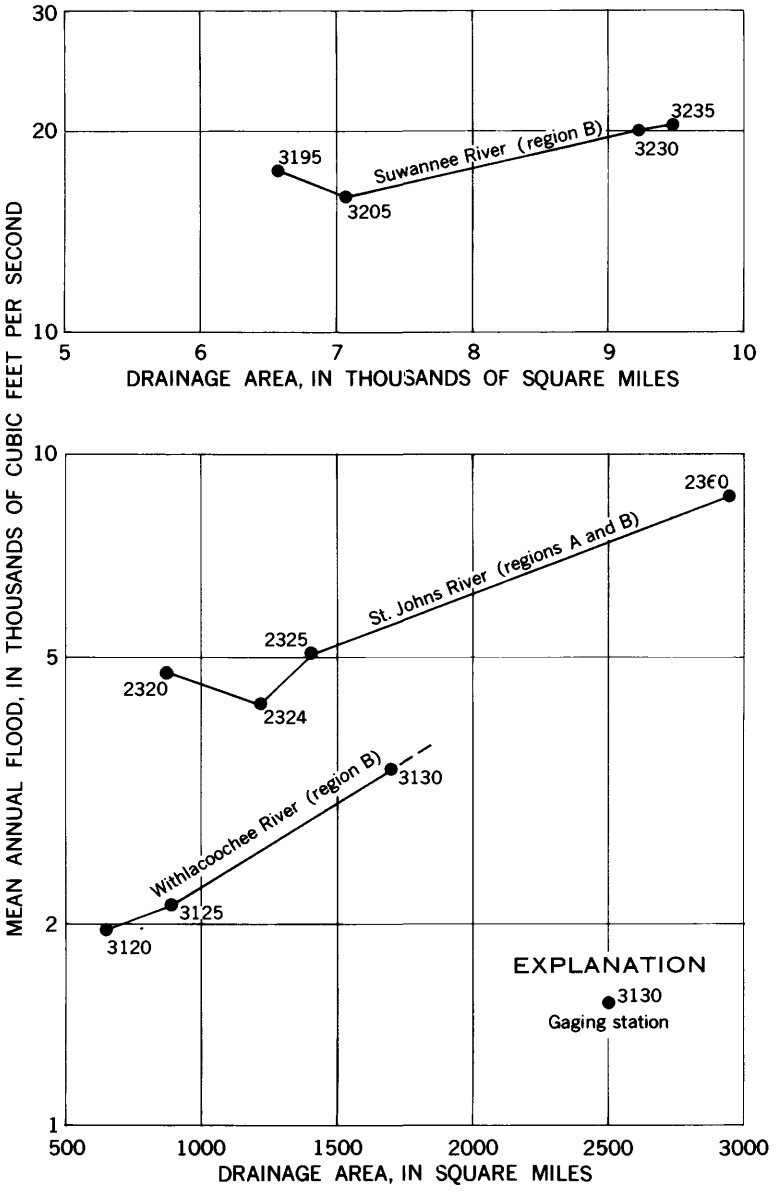

FIGURE 11.—Variation of mean annual flood with drainage area on main stems of St. Johns, Withlacoochee, and Suwannee Rivers.

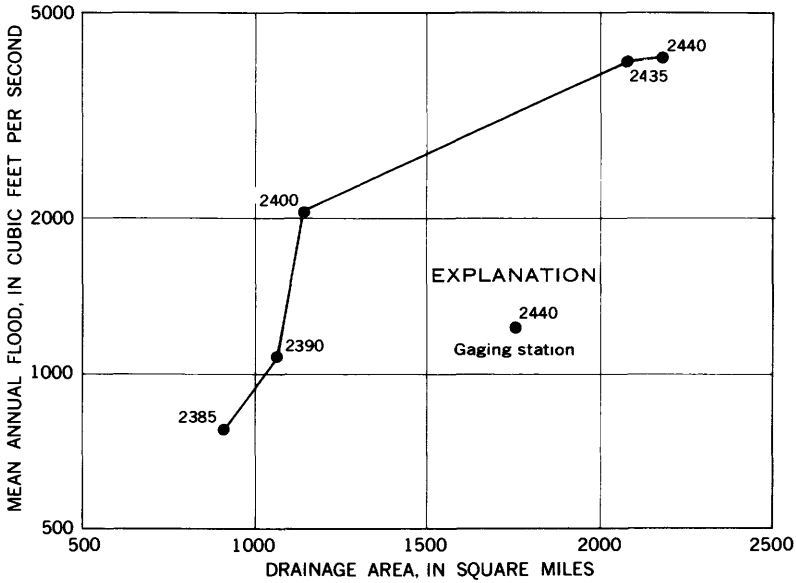

FIGURE 12.—Variation of mean annual flood with drainage area on main stem of Oklawaha River (region B).

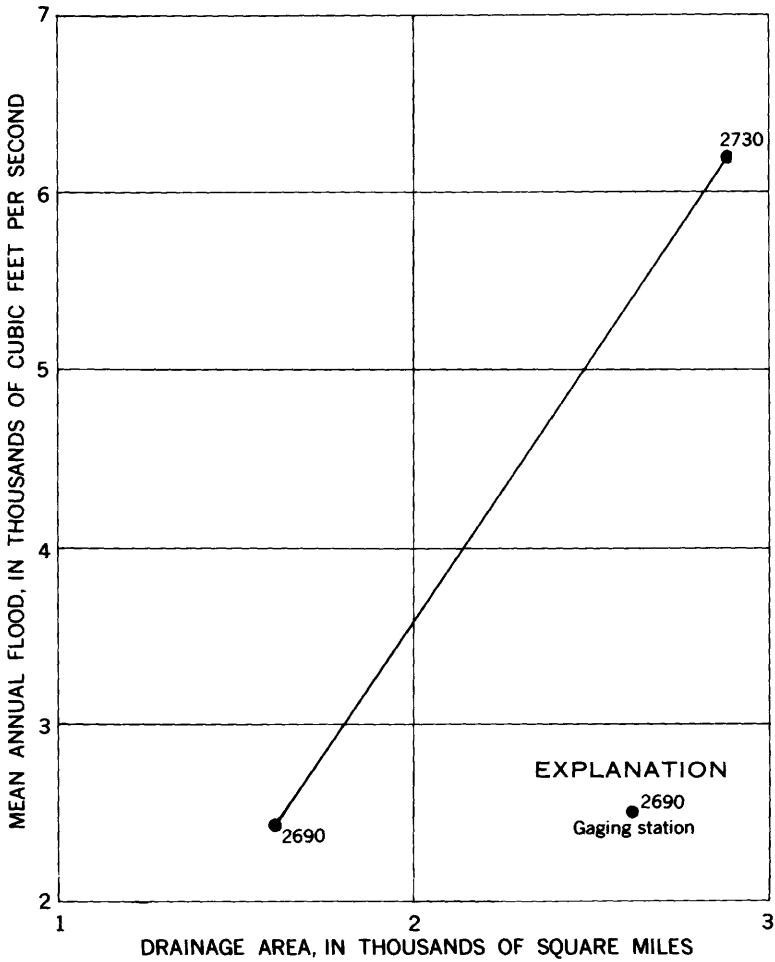

FIGURE 13.—Variation of mean annual flood with drainage area on main stem of Kissimmee River (region A).

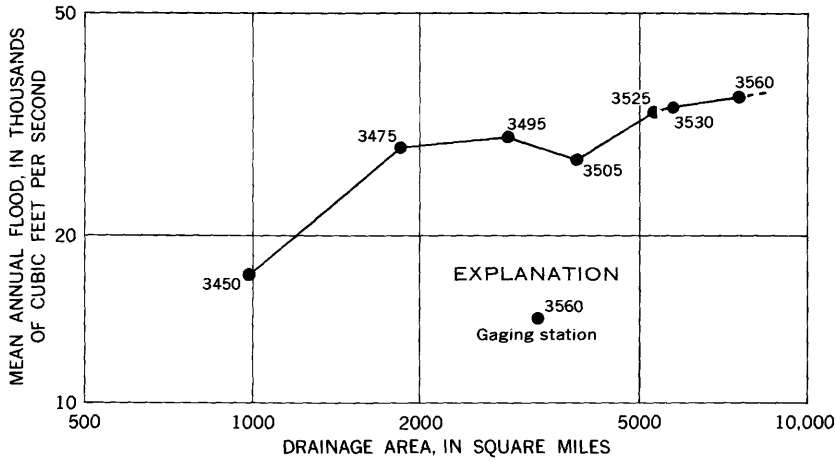

FIGURE 14.—Variation of mean annual flood with drainage area on main stem of Flint River (region C).

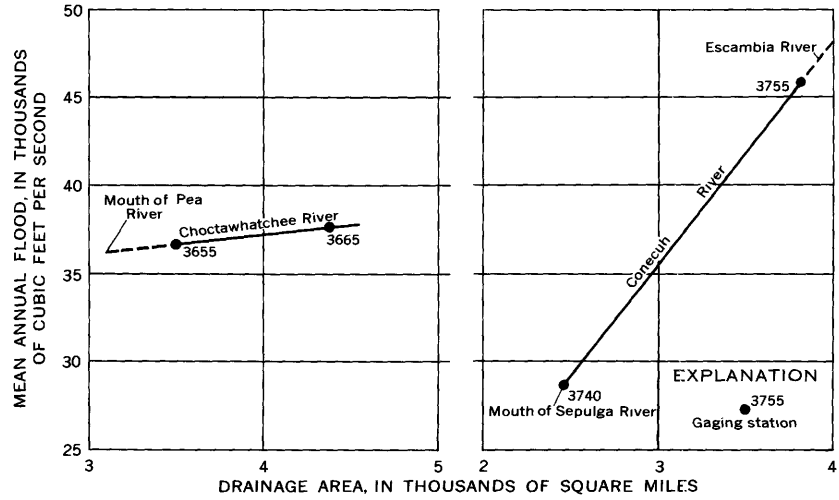

FIGURE 15.—Variation of mean annual flood with drainage area on main stems of Choctawhatchee, Conecuh, and Escambia Rivers (region C).

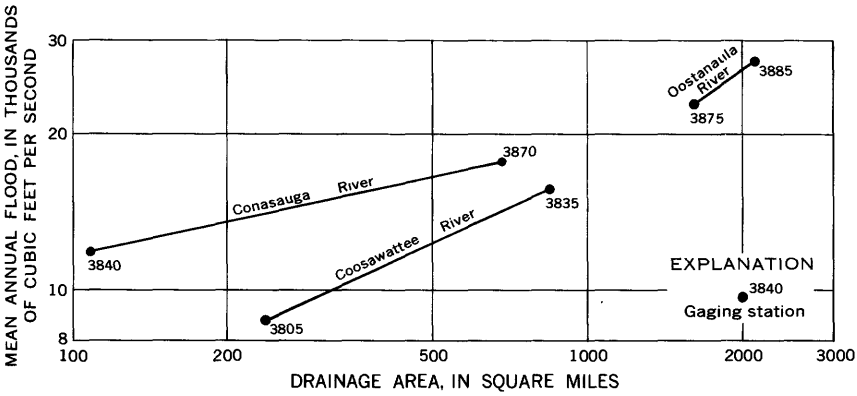

FIGURE 16.—Variation of mean annual flood with drainage area on main stems of Conasauga, Coosawattee, and Oostanaula Rivers (region C).

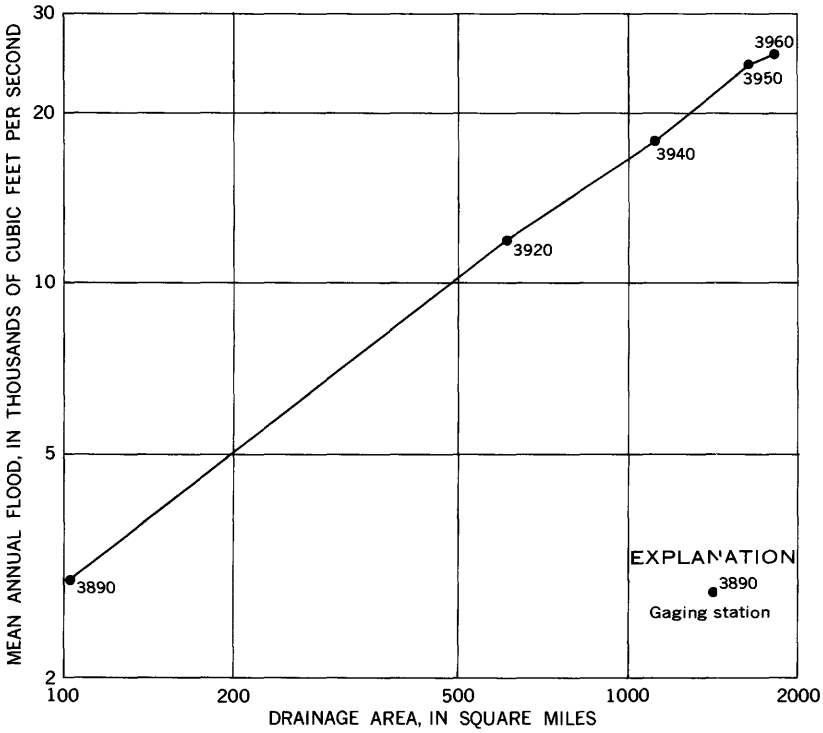

FIGURE 17.—Variation of mean annual flood with drainage area on main stem of Etowah River (region C).

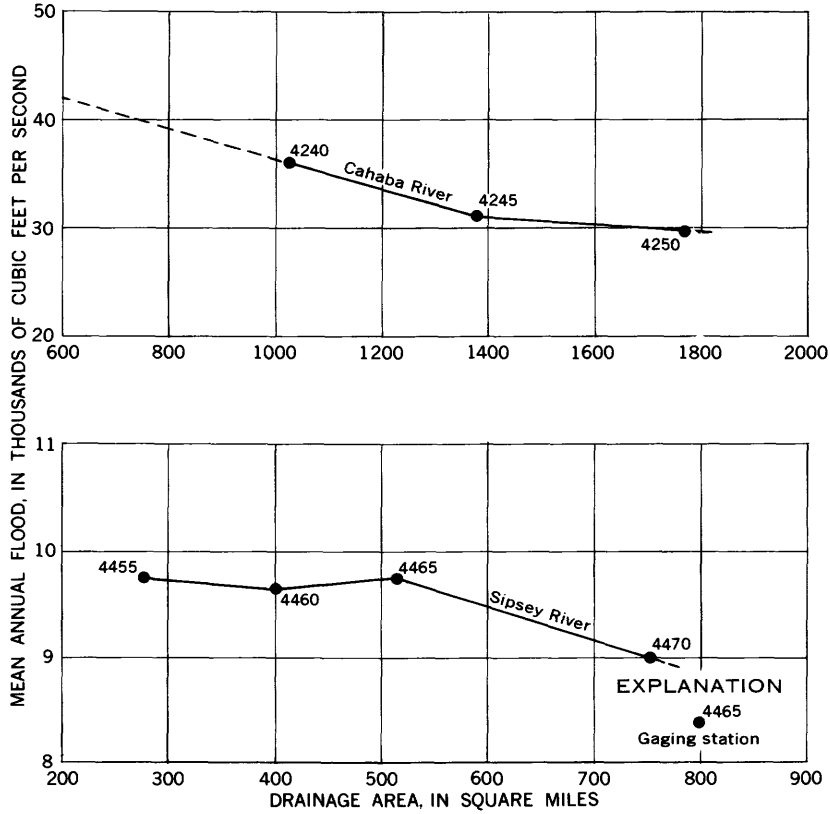

FIGURE 18.—Variation of mean annual flood with drainage area on main stems of Cahaba and Sipsey Rivers (region D).

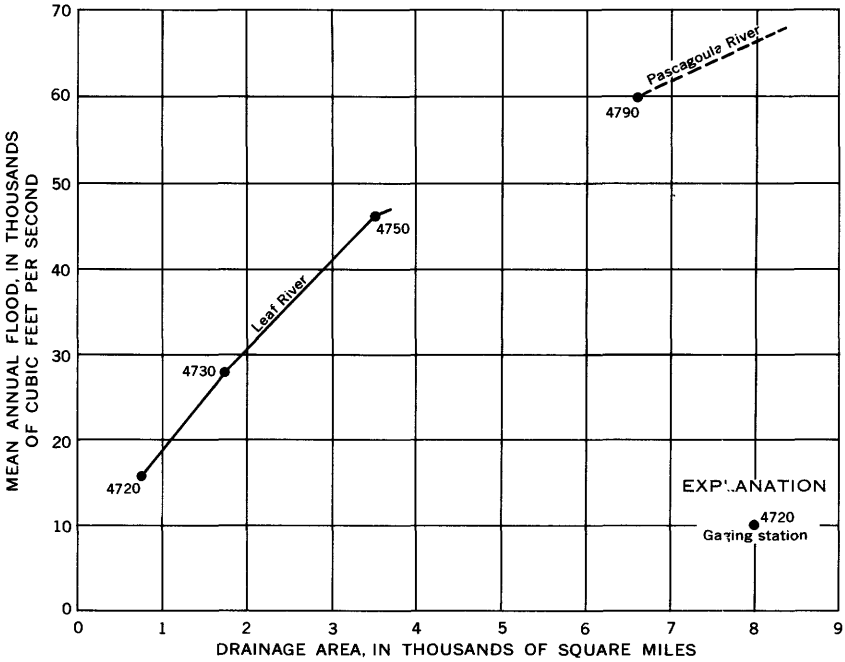

FIGURE 19.—Variation of mean annual flood with drainage area on main stems of Leaf and Pascagoula Rivers (region D).

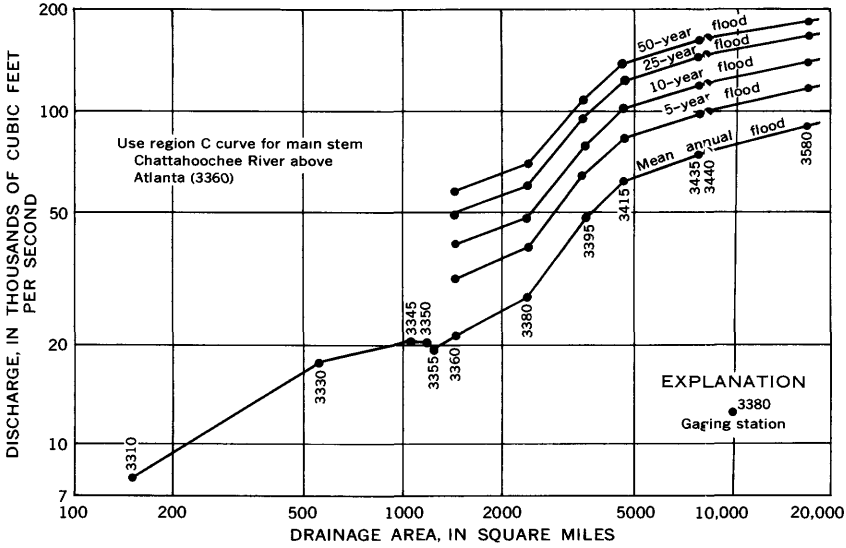

FIGURE 20.—Relation of selected flood frequencies to drainage area, main stems of Chattahoochee and Apalachicola Rivers.

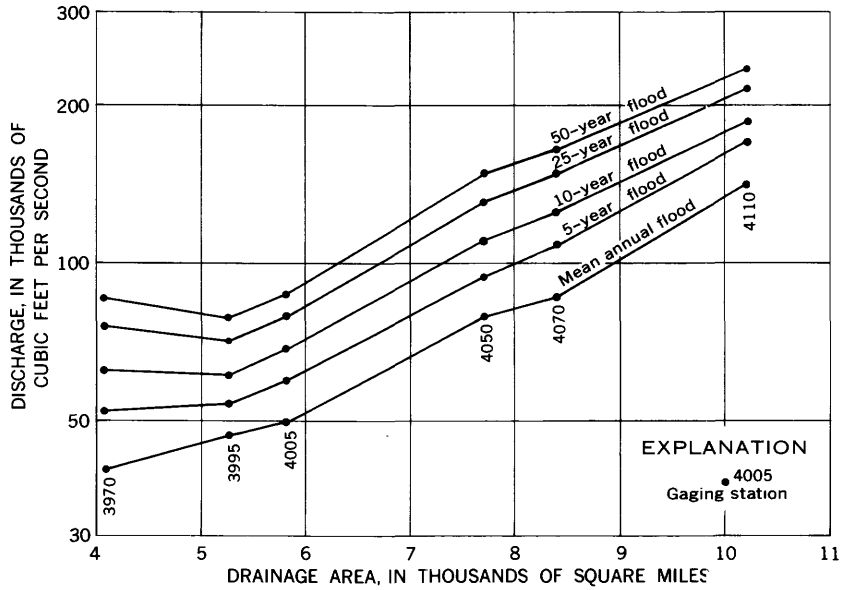

FIGURE 21.—Relation of selected flood frequencies to drainage area, main stem of Coosa River.

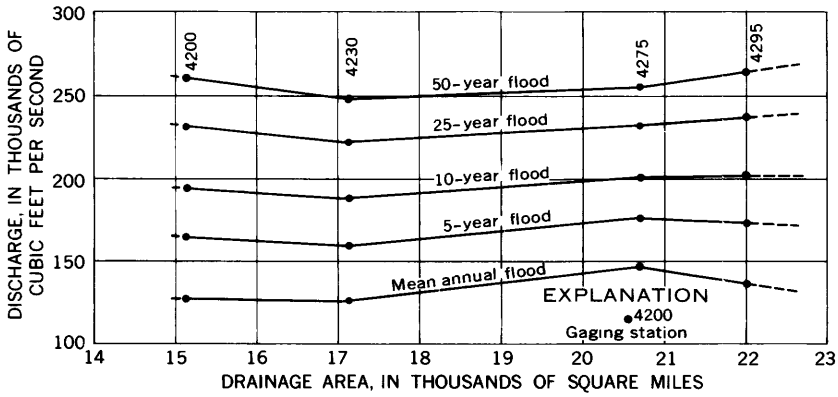

FIGURE 22.—Relation of selected flood frequencies to drainage area, main stem of Alabama River.

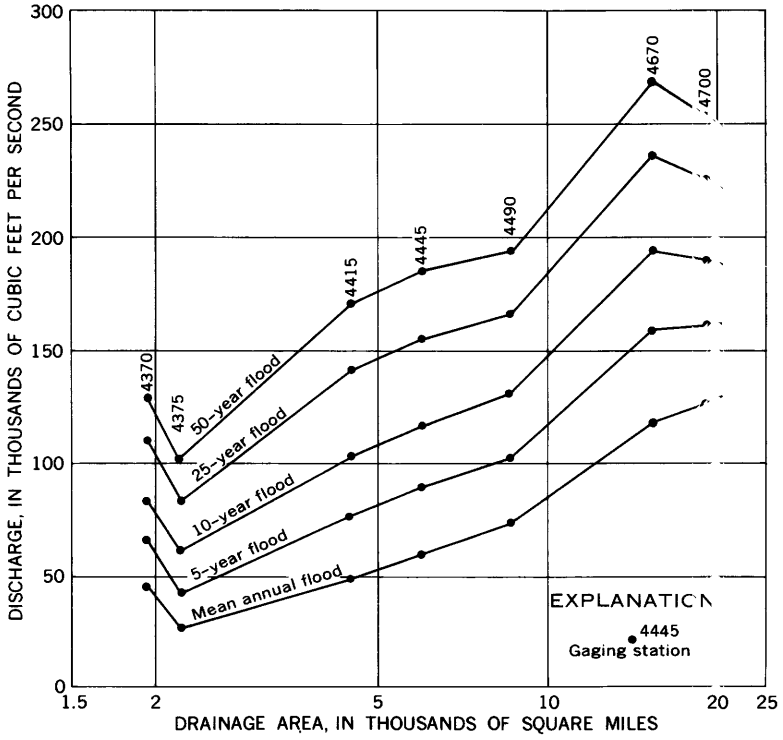

FIGURE 23.—Relation of selected flood frequencies to drainage area, main stem of Tombigbee River.

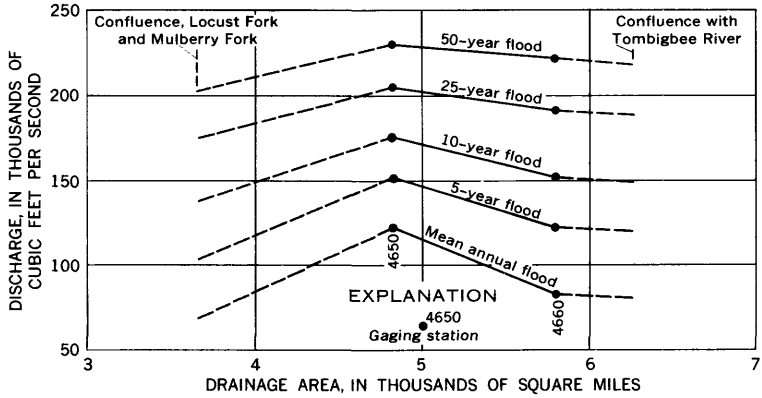

FIGURE 24.—Relation of selected flood frequencies to drainage area, main stem of Black Warrior River.

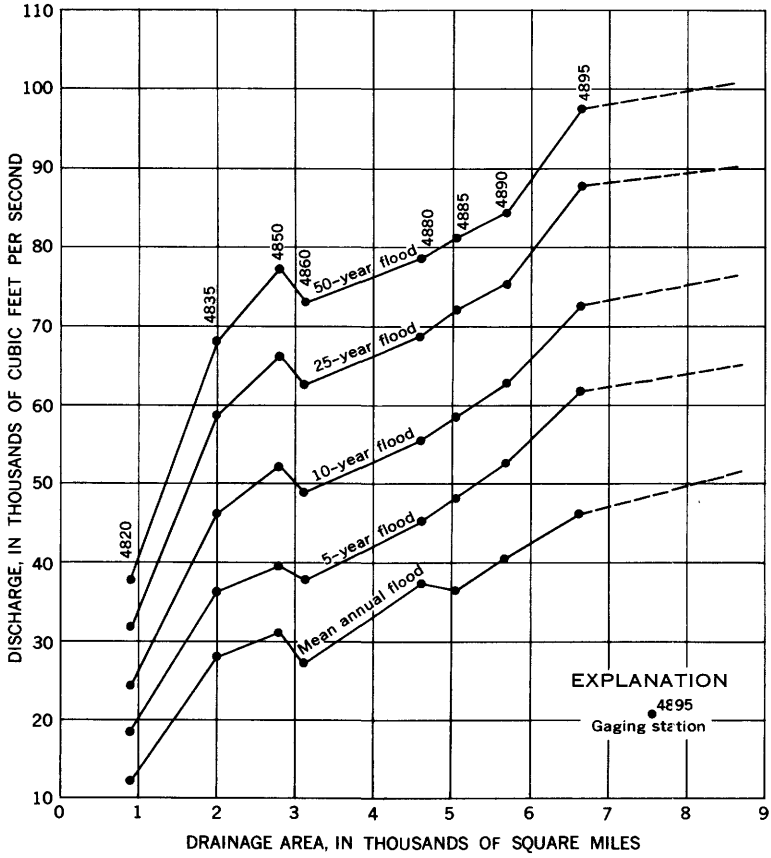

FIGURE 25.—Relation of selected flood frequencies to drainage area, main stem of Pearl River.

REGULATED STREAMS

The flood-frequency relations presented herein are not applicable to streams where natural flood discharges have been altered significantly because of storage by manmade structures. Floods on an increasing number of both large and small streams are being regulated. The effect of regulation must be considered in predicting flood-frequency relations on streams defined in this report.

URBAN AREAS

Flood discharges are generally increased by urban development. Pilot studies in several metropolitan areas of the United States indicate that urbanization increases the flood peak discharges as much as twice that experienced in comparable undeveloped drainage basins. The effect of urbanization on the slope of the frequency curve is not known. The flood-frequency relations shown herein are not applicable to urbanized areas.

DESIGN CONCEPT

Recurrence interval as used in this report is the average interval of time within which the given flood will be exceeded once. Thus, during a given 50-year period, a 50-year flood discharge may be exceeded several times or not at all, but on a long-time basis the discharge will be exceeded on an average of once in 50 years. The recurrence interval is a measure of the average time interval between flood exceedences but does not indicate probability of exceedence within any specific period.

Design of projects which might be damaged by floods requires knowledge as to probability of occurrence of floods. Riggs (1961) formulated the design concept—the probability of the n-year flood event being exceeded in an n-year period. For example, the probability of a 50-year flood discharge occurring in a given 50-year period is about 0.64. The following table shows the probability of floods of various recurrence intervals being exceeded during various time periods:

Recurrence interval of flood (years)	Probability of a flood of indicated recurrence interval being exceeded during indicated time period (years)		
	10	25	50
10	0.65	0.93	0.99
25	.34	.64	.87
50	.18	.40	.64

MAXIMUM KNOWN FLOODS

Maximum known flood stages and discharges at gaging stations for which records are included in this report are shown in table 1. The annual flood record for a period of 5 or more years is available for each gaging station. The maximum known stage is given as a separate entry if the corresponding peak discharge could not be determined; also, the highest known discharge and corresponding stage is shown. The periods of known floods correspond to the period during which the peak stage and discharge is known to be the maximum. Peak discharges at miscellaneous sites and unusual floods at gaging stations having less than 5 years record are shown in table 2.

The recurrence interval, in years, of the maximum discharge is given in tables 1 and 2. Whenever the recurrence interval is greater than 50 years, the ratio of the maximum discharge to the 50-year discharge is shown instead of the recurrence interval.

The maximum discharge for gaging stations and miscellaneous sites in each hydrologic area are plotted in figures 26–31. Curves representing the 10- and 50-year floods in each hydrologic area are also shown.

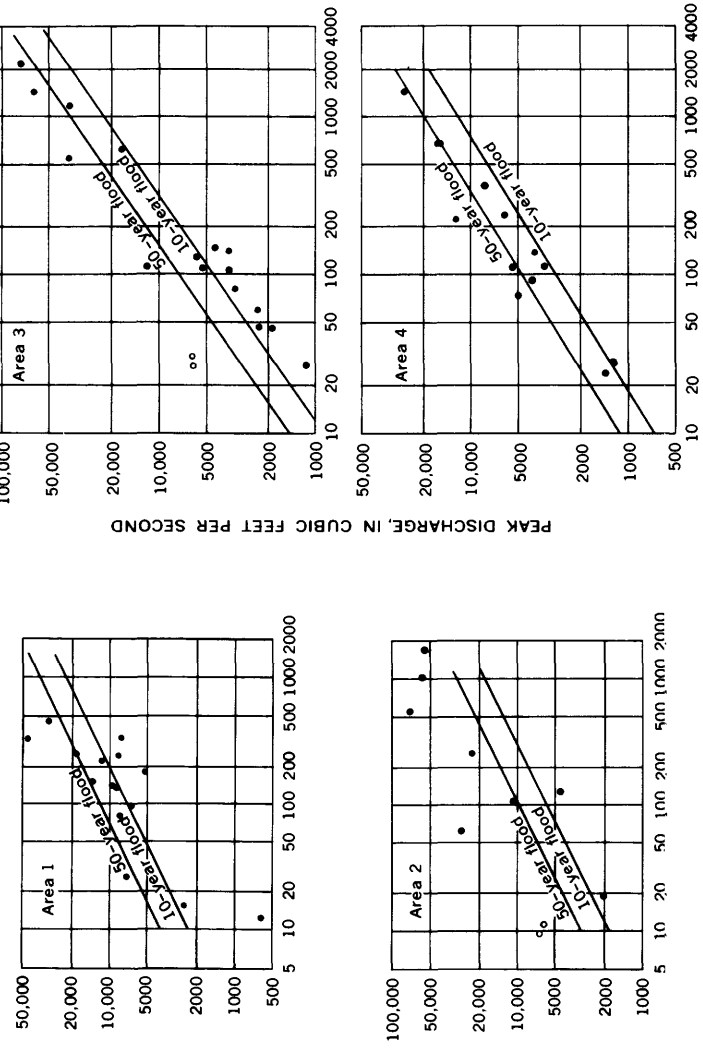

FIGURE 26.—Relation of maximum discharge to 10- and 50-year floods in region A. A solid circle indicates discharge at gaging station; open circle, at miscellaneous site.

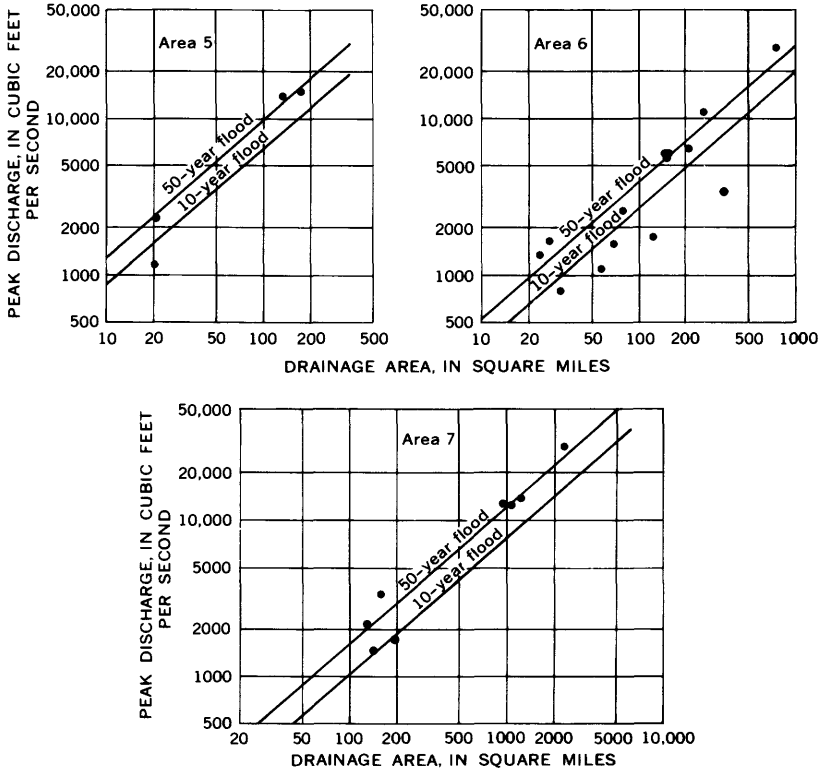

FIGURE 27.—Relation of maximum discharge to 10- and 50-year floods in region B. Circle indicates discharge at gaging station.

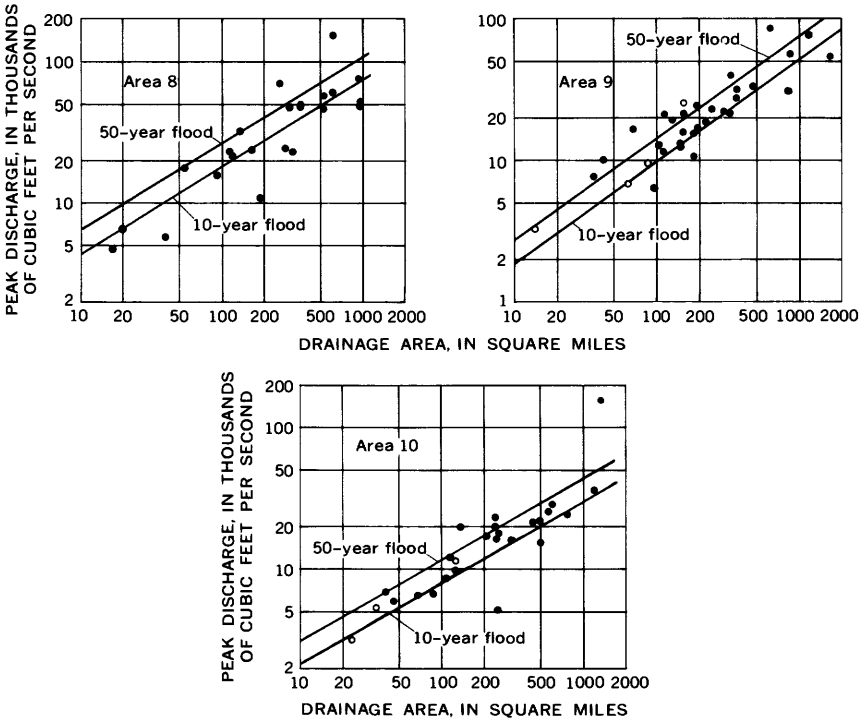

FIGURE 28.—Relation of maximum discharge to 10- and 50-year floods in region C, areas 8–10. A solid circle indicates discharge at gaging station; open circle, at miscellaneous site.

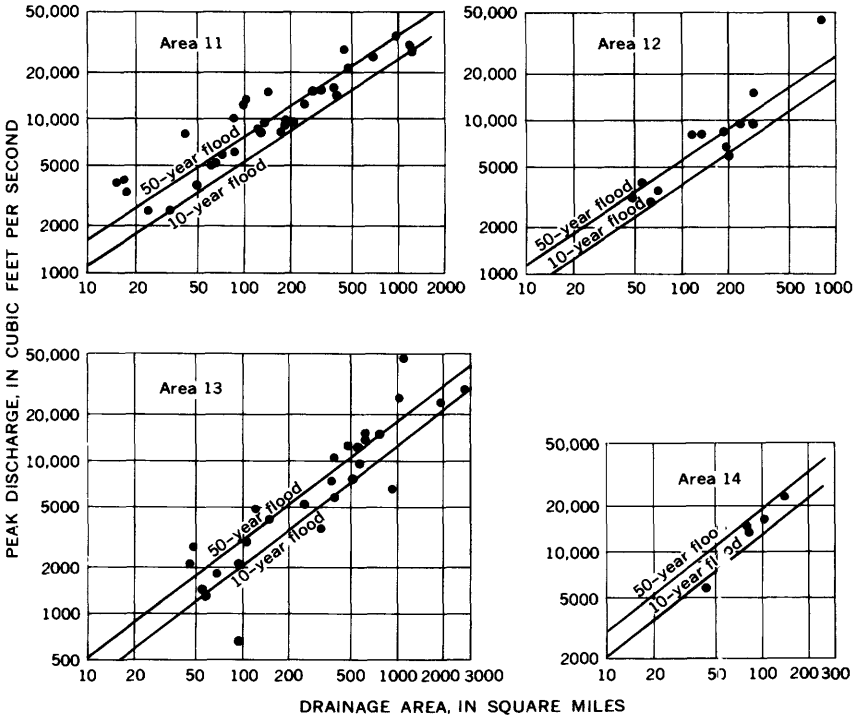

FIGURE 29.—Relation of maximum discharge to 10- and 50-year floods in region C, areas 11–14. Circle indicates discharge at gaging station.

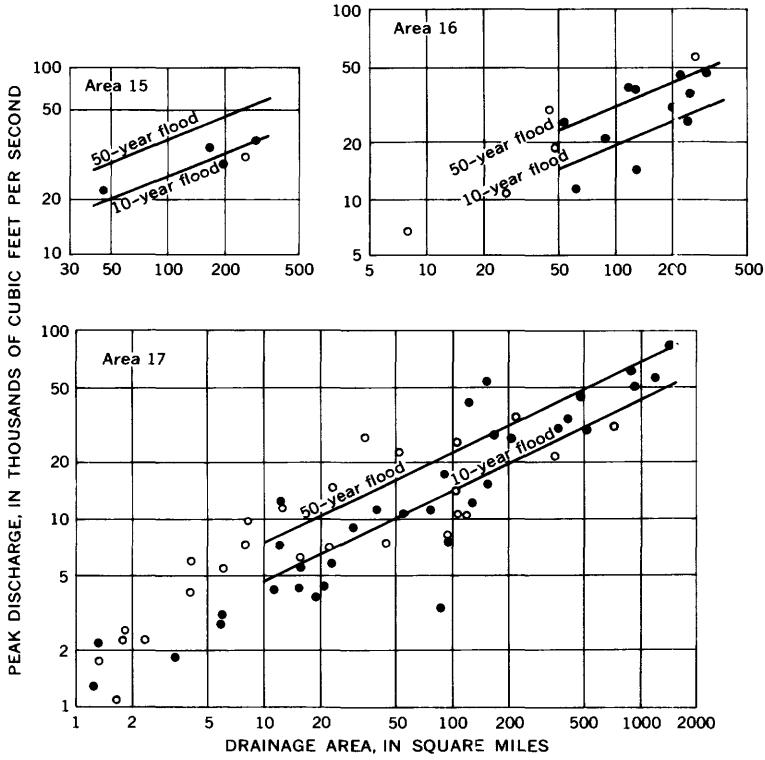

FIGURE 30.—Relation of maximum discharge to 10- and 50-year floods in region D, areas 15–17. A solid circle indicates discharge at gaging station; open circle, at miscellaneous site.

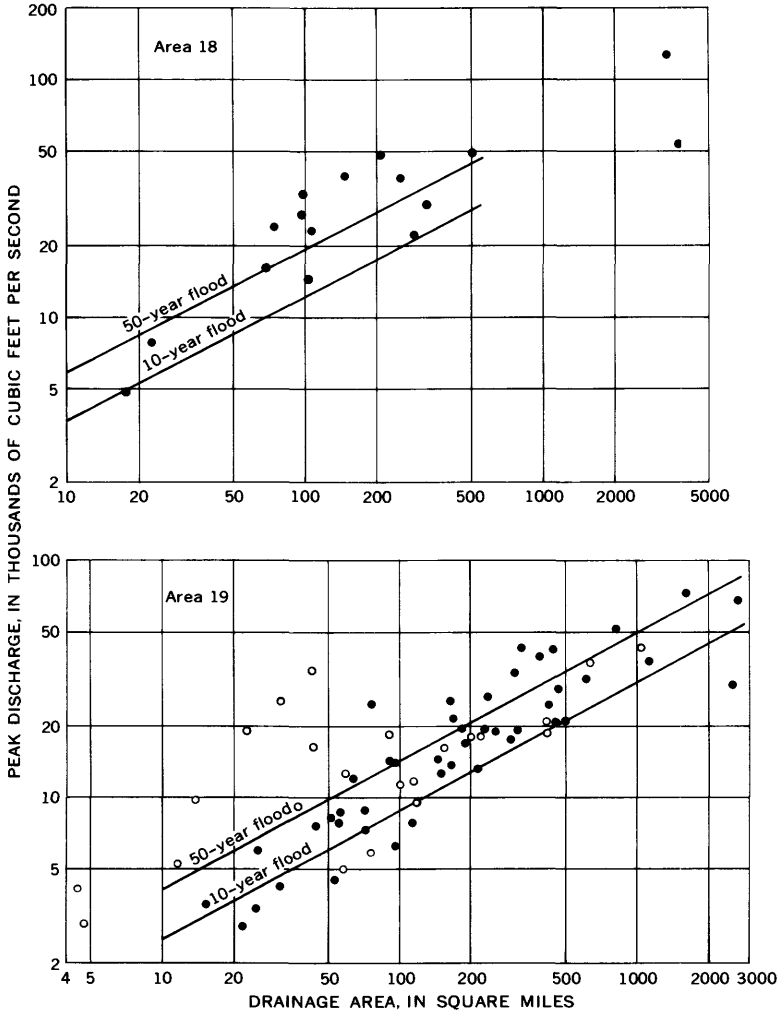

FIGURE 31.—Relation of maximum discharge to 10- and 50-year floods in region D, areas 18, 19. A solid circle indicates discharge at gaging station; open circle, at miscellaneous site.

FLOOD RECORDS AT GAGING STATIONS

This section contains a description of all gaging stations for which flood data are given in this report. A tabulation of all floods above a selected base is shown for most stations; only the annual floods are given for some stations.

Station records are presented in downstream order corresponding to the system used in other U.S. Geological Survey water-supply papers since 1951, and reference numbers used are the same as those used since 1958. The prefix 2–B has been omitted from the station numbers.

The peaks are arranged by water year unless otherwise noted. The water year begins October 1 and ends September 30 and is identified by the calendar year in which it ends. Thus, a peak that occurred in December 1942 would be listed in the 1943 water year.

Both peak stages and peak discharges are usually listed, but rarely only peak discharges are given. Only peak stages are shown for stations where the stage-discharge relation has not been defined. Peak stages are often as important as peak discharges. The date indicates the day on which the peak discharge occurred. If the peak stage occurred on a different date, this fact is indicated either in the table or by a footnote.

Peak discharges, unless otherwise noted, are the instantaneous peaks in cubic feet per second. Some records consist of only maximum daily discharges which are listed in lieu of instantaneous peaks, with an appropriate explanation in the "Remarks" paragraph of the station description or in the footnotes.

Underlines in the tables of peak stages and discharges have the following significance:

1. Line in water-year column means a discontinuous record.
2. Line beginning at date column and continuing through discharge column means a change in site and datum.
3. Line in date and discharge column means a change in site without a change in datum.
4. Line in gage-height column means a change in datum.
5. No underlines are used for changes in site or datum if records have been adjusted to present conditions.

Gaging-station records less than 5 years in length or records on irrigation or diversion ditches are not included in this report.

218-731 O - 66 - 4

MAXIMUM FLOODS AT GAGING STATIONS

Table 1.--Maximum stages and discharges at gaging stations

No.	Gaging station	Flood region and hydrologic area	Drainage area (sq mi)	Period of known floods (water years)	Areal $Q_{2.33}$ (cfs)	Maximum flood				
						Date	Gage height (feet)	Discharge		
								Cfs	Recurrence interval (years)	Ratio to areal Q_{50}
	Ogeechee River basin									
1997	South Fork Ogeechee River near Crawfordville, Ga.	C11	33	1949-61	1,350	November 1948	17.1	-	-	-
				1951-61		Feb. 25, 1961	14.2	2,580	11	-
2001	Little Ogeechee River at Hamburg, Ga.....	C12	55	1951-61	1,350	Feb. 25, 1961	7.4	4,070	-	1.11
2005	Ogeechee River near Louisville, Ga.....	C12	800	1840-1961	8,600	October 1929	21.3	46,000	-	1.97
2009	Big Creek near Lousiville, Ga.....	C13	95.8	1951-61	1,080	Apr. 16, 1961	5.4	670	1	-
2020	Ogeechee River at Scarboro, Ga.....	C13	1,940	1840-1961	11,400	October 1929	17	-	-	-
				1937-61		Aug. 17, 1940	12.8	24,600	17	-
						Mar. 27, 1944	12.8	24,600	17	-
2025	Ogeechee River near Eden, Ga.....	C13	2,650	1840-1961	14,500	October 1929	20	-	-	-
				1936-61		April 1936	15.2	30,000	15	-
2028	Canoochee Creek near Swainsboro, Ga.....	C13	55	1951-61	700	Apr. 5, 1960	7.0	1,440	14	-
2030	Canoochee Creek near Claxton, Ga.....	C13	555	1938-61	4,250	Apr. 2, 1948	13.9	12,100	-	1.05
2035	Canoochee Creek near Groveland, Ga.....	C13	921	1903-8	6,300	Sept.17, 1903	18.2	6,500	2	-
	Altamaha River basin									
2038	South River at Atlanta, Ga.....	C11	41.5	1951-61	1,580	Feb. 25, 1961	11.1	8,000	-	1.86
2039	South River near Atlanta, Ga.....	C11	99	1951-61	2,800	Feb. 25, 1961	23.1	12,500	-	1.64
2043	Indian Creek near Stockbridge, Ga.....	C11	50	1951-61	1,780	Feb. 25, 1961	12.4	3,640	14	-
2045	South River near McDonough, Ga.....	MS	456	1940-61	10,300	Jan. 7, 1946	24.7	34,500	-	1.23
						Feb. 25, 1961	25.4	29,500	-	-
2050	Wildcat Creek near Lawrenceville, Ga.....	C11	1.59	1954-61	-	May 6, 1956	8.2	806	-	-
2055	Pew Creek near Lawrenceville, Ga.....	C11	2.23	1954-61	-	July 15, 1956	7.0	615	-	-
2060	Shetley Creek near Norcross, Ga.....	C11	.98	1954-61	-	Feb. 21, 1961	10.4	a 2,320	-	-
2065	Yellow River near Snellville, Ga.....	C11	134	1943-61	3,400	Nov. 29, 1948	19.4	9,500	-	1.03
2070	Garner Creek near Snellville, Ga.....	C11	5.54	1954-61	-	Feb. 25, 1961	4.3	1,630	-	-
2075	Yellow River near Covington, Ga.....	C11	378	1936-61	6,800	Apr. 7, 1936	29.9	-	-	-
				1945-61		Nov. 29, 1948	20.3	16,200	26	-
2090	Alcovy River below Covington, Ga.....	C11	244	1887-1961	5,100	July 30, 1887	27.2	12,400	29	-
2105	Ocmulgee River near Jackson, Ga.....	MS	1,420	1906-61	22,600	Dec. 11, 1919	26.8	69,000	-	1.12
2115	Towaliga River near Forsyth, Ga.....	C11	315	1929-61	6,000	Mar. 15, 1929	-	15,900	44	-
				1945-61		Nov. 27, 1948	20.9	13,200	19	-
2125	Ocmulgee River at Juliette, Ga.....	MS	1,960	1886,1916-21	29,000	May 1886	32	55,800	11	-
2130	Ocmulgee River at Macon, Ga.....	MS	2,240	1893-1961	32,000	Nov. 29, 1948	28.0	83,500	41	-
2135	Tobesofkee Creek near Macon Ga.....	C11	182	1938-61	4,200	Mar. 2, 1944	23.2	9,830	24	-
2140	Echeconnee Creek near Macon, Ga.....	C11	147	1938-43, 1951-61	3,630	May 1, 1953	15.0	15,000	-	1.52
2145	Big Indian Creek at Perry, Ga.....	C13	108	1944-61	1,190	Mar. 23, 1944	8.6	3,000	34	-
						Apr. 23, 1944	8.6	3,000	34	-
2150	Ocmulgee River at Hawkinsville, Ga.....	MS	3,800	1841-1961	30,500	Jan. 21, 1925	36.5	79,000	39	-
2155	Ocmulgee River at Lumber City, Ga.....	MS	5,180	1841-1961	34,000	Jan. 21, 1925	26.3	98,400	-	1.06
2160	Little Ocmulgee River at Towns, Ga.....	C13	379	1925-61	1,830	January 1925	20.4	-	-	-
				1938-61		Dec. 27, 1941	16.0	7,480	-	1.50

2161	Alligator Creek near Alamo, Ga.....	C13	255	1950-61	2,310	Apr. 6, 1960	16.2	5,500	27	-
2165	Oconee River at Athens, Ga.....	MS	283	1929-61	4,020	Mar. 5, 1929	23.0	9,000	20	-
2170	Allen Creek at Talmo, Ga.....	C11	17.3	1952-61	885	Feb. 21, 1961	12.6	3,320	-	1.38
2172	Middle Oconee River near Jefferson, Ga....	C11	128	1951-61	3,320	Feb. 25, 1961	13.9	8,130	30	-
2175	Middle Oconee River near Athens, Ga.....	C11	398	1902	7,000	Feb. 28, 1902	-	19,600	-	1.03
				1929-30, 1938-61		Nov. 30, 1948	19.6	14,200	14	-
2185	Oconee River near Greensboro, Ga.....	MS	1,090	1904-61	15,000	Aug. 26, 1908	35.4	66,800	-	1.64
2190	Apalachee River near Bostwick, Ga.....	C11	176	1945-49	4,100	Jan. 6, 1946	8.9	8,500	15	-
2195	Apalachee River near Buckhead, Ga.....	C11	436	1901-8	7,450	Aug. 25, 1908	-	28,900	-	1.43
				1938-61		Nov. 29, 1948	26.8	23,800	-	1.17
2210	Murder Creek near Monticello, Ga.....	C11	24	1952-61	1,100	June 2, 1959	7.6	2,510	22	-
2230	Oconee River at Milledgeville, Ga.....	MS	2,950	1886-1961	40,000	1886	46.7	-	-	-
				1904-61		Feb. 25, 1961	42.9	122,000	-	1.12
2232	Commissioner Creek at Toomsboro, Ga.....	C12	191	1928-61	3,200	1928 or 1929	22.5	-	-	-
				1949-61		November 1948	19.5	5,950	10	-
2235	Oconee River at Dublin, Ga.....	MS	4,400	1894-1961	38,000	Apr. 12, 1936	33.0	96,700	35	-
2240	Rocky Creek near Dudley, Ga.....	C12	62.9	1952-61	1,480	Apr. 5, 1960	10.0	2,930	12	-
2245	Oconee River near Mount Vernon, Ga.....	MS	5,110	1930-61	34,000	April 1936	25.5	-	-	-
				1938-61		Dec. 5, 1948	22.6	66,300	12	-
2251	Cobb Creek near Lyons, Ga.....	C13	69	1951-61	835	Dec. 20, 1959	7.1	1,820	18	-
2252	Little Ohoopee River near Wrightsville, Ga.	C12	63	1951-61	1,480	Apr. 16, 1961	9.3	-	-	-
2253	Ohoopee River near Oak Park, Ga.....	C13	620	1951-61	4,650	Apr. 6, 1960	12.6	14,000	-	1.11
2255	Ohoopee River near Reidsville, Ga.....	C13	1,110	1904-61	7,400	January 1925	28.4	47,000	-	2.33
2260	Altamaha River at Doctortown, Ga.....	MS	13,600	1800-1961	61,200	Jan. 23, 1925	14.6	300,000	-	1.80
				Satilla River basin						
2262	Satilla River near Douglas, Ga.....	A4	235	1948-61	1,920	April 1948	15.4	-	-	-
				1951-61		Apr. 5, 1960	10.6	6,040	17	-
2263	Satilla River near Pearson, Ga.....	A4	355	1948-61	2,500	April 1948	20.6	-	-	-
				1953-61		Apr. 5, 1960	16.6	8,200	19	-
2265	Satilla River near Waycross, Ga.....	A3	1,200	1862-1961	7,800	Apr. 4, 1948	22.4	39,000	-	1.16
2267	Whitehead Creek near Denton, Ga.....	A3	28	1957-61	655	Mar. 6, 1959	6.2	1,160	5	-
2269	Hurricane Creek near Hazelhurst, Ga.....	A3	102	1957-61	1,540	Mar. 7, 1959	8.2	3,580	8	-
2270	Hurricane Creek near Alma, Ga.....	A3	150	1952-61	1,980	Sept.29, 1953	9.4	4,450	7	-
2271	Little Hurricane Creek near Alma, Ga.....	A3	61	1948-61	1,100	April 1948	10	-	-	-
				1950-61		Sept.27, 1953	7.0	2,400	7	-
2272	Little Hurricane Creek below Alma, Ga.....	A3	111	1948-61	1,620	April 1948	11	-	-	-
				1949-61		Apr. 15, 1961	9.3	5,140	17	-
2274	Big Satilla Creek near Alma, Ga.....	A3	112	1948-61	1,640	April 1948	13.8	12,000	-	1.70
2274.3	Little Satilla Creek at Odum, Ga.....	A3	49	1949-61	950	November 1948	9	-	-	-
				1950-61		Apr. 16, 1961	7.2	2,300	9	-
2274.7	Little Satilla Creek near Jesup, Ga.....	A3	83	1949-61	1,340	November 1948	11.8	-	-	-
				1950-61		September 1950	9.9	3,320	9	-
2275	Little Satilla River near Offerman, Ga....	A3	646	1951-61	5,200	Sept.29, 1953	13.5	17,200	20	-
2280	Satilla River at Atkinson, Ga.....	A3	2,790	1862-1961	13,600	September 1929	27.2	110,000	-	1.87
				St. Marys River basin						
2285	North Prong St. Marys River at Moniac, Ga.	B6	160	1921-23, 1927-34, 1951-61	2,020	Sept.19, 1928	16.7	6,060	50	-

See footnotes at end of table.

Table 1.--Maximum stages and discharges at gaging stations--Continued

No.	Gaging station	Flood region and hydrologic area	Drainage area (sq mi)	Period of known floods (water years)	Areal $Q_{2.33}$ (cfs)	Maximum flood				
						Date	Gage height (feet)	Discharge		
								Cfs	Recurrence interval (years)	Ratio to areal Q_{50}
				St. Marys River basin--Continued						
2290	Middle Prong St. Marys River at Taylor, Fla.	B6	125	1956-61	1,650	Apr. 10, 1958	12.0	1,790	3	-
2295	South Prong St. Marys River near Sanderson, Fla.	B6	58	1956-60	820	June 10, 1957	6.2	1,060	4	-
2300	Turkey Creek at Macclenny, Fla.....	B5	20.9	1956-61	820	May 21, 1959	6.9	1,160	4	-
2305	South Prong St. Marys River at Glenn St. Mary, Fla.	B6	150	1947	1,910	September 1947	13.0	6,000	-	1.05
				1950-61		Sept. 7, 1952	12.7	5,680	48	-
2310	St. Marys River near Macclenny, Fla.....	B6	720	1927-61	7,600	Sept.25, 1947	22.3	28,100	-	1.23
				St. Johns River basin						
2315	Jane Green Creek near Deer Park, Fla.....	A1	248	1954-61	4,300	Oct. 17, 1956	11.0	18,400	48	-
2320	St. Johns River near Melbourne, Fla.....	MS	874	1940-61	4,720	Oct. 18, 1956	9.7	18,000	31	-
2322	Wolf Creek near Deer Park, Fla.....	A1	26.3	1956-61	1,440	Oct. 16, 1956	-	7,700	-	1.24
						Mar. 17, 1960	8.0	-	-	-
2324	St. Johns River near Cocoa, Fla.....	MS	1,237	1954-61	4,260	Oct. 11, 1953	17.0	10,700	23	-
2325	St. Johns River near Christmas, Fla.....	MS	1,418	1934-61	5,050	Oct. 12, 1953	-	11,700	17	-
						Sept.28, 1960	10.8	-	-	-
2335	Econlockhatchee River near Chuluota, Fla..	B6	260	1936-61	3,100	Mar. 18, 1960	18.7	11,000	-	1.18
2350	Wekiva River near Sanford, Fla.....	B6	(b)	1936-61	-	Sept.17, 1945	-	2,060	-	-
						Sept.12, 1960	6.1	-	-	-
2360	St. Johns River near DeLand, Fla.....	MS	2,960	1934-61	8,610	Oct. 15, 1953	-	17,100	10	-
						Oct.11,12,1953	7.2	-	-	-
2369	Palatlakaha Creek at Cherry Lake Outlet, near Groveland, Fla.	-	160	1957-61	(c)	Apr. 5, 1960	-	584	-	-
2370	Palatlakaha Creek near Mascotte, Fla.....	B6	180	1945-61	d 540	Oct.4,5, 1945	-	458	2	-
				1926-61		1926	65.3	-	-	-
2380	Haines Creek at Lisbon, Fla.....	B6	640	1942-61	d 585	Mar.13,14,16, 1958	-	1,330	16	-
						Apr.5,7,8,1960	64.5	-	-	-
2385	Oklawaha River at Moss Bluff, Fla.....	MS	910	1944-60	790	Jan.11,12,1954	50.8	1,630	12	-
2390	Oklawaha River near Ocala, Fla.....	MS	1,070	1930-61	1,080	Mar. 18, 1960	5.7	2,270	12	-
2400	Oklawaha River near Conner, Fla.....	MS	1,140	1930-46	2,050	Sept. 6, 1933	9.1	3,700	8	-
2405	Oklawaha River at Eureka, Fla.....	MS	1,480	1930-34, 1944-52	2,950	Feb. 2, 1933	11.0	6,260	12	-
2415	Orange Lake Outlet near Citra, Fla.....	-	325	1947-54	(c)	Mar. 17, 1948	7.8	677	-	-
2425	Lochloosa Lake Outlet near Lochloosa, Fla.	-	325	1947-55	(c)	Mar. 12, 1948	6.04	341	-	-
2430	Orange Creek at Orange Springs, Fla.....	B6	435	1942-52, 1956-61	d 1,060	October 1941	10.6	2,400	15	-
2435	Oklawaha River near Orange Springs, Fla...	MS	2,075	1930-52	4,000	Sept. 9, 1933	12.0	9,760	20	-
2440	Oklawaha River at Riverside Landing, near Orange Springs, Fla.	MS	2,165	1944-61	4,100	Mar. 20, 1960	9.8	7,830	9	-

2445	Little Haw Creek near Seville, Fla.....	B6	120	1951-61	d 1,120	Sept.24, 1953	8.7	-	-	-
						Mar. 19, 1960	-	1,600	5	-
2455	South Fork Black Creek near Penney Farms, Fla.	B5	134	1940-61	4,200	Oct. 19, 1944	26.3	13,900	-	1.10
2460	North Fork Black Creek near Middleburg, Fla.	B5	174	1919-61	5,250	June 1919	25.3	15,000	40	-
	Coastal basins between St. Johns River and Lake Okeechobee and the Everglades									
2470	Moultrie Creek near St. Augustine, Fla....	B6	23.3	1919-61	366	Feb. 9, 1919	13	-	-	-
				1940-61		Oct. 21, 1941	9.3	1,370	-	1.24
2475	Tomoka River near Daytona Beach, Fla.....	-	(b)	1942-46	-	Sept.17, 1945	11.5	2,260	-	-
2480	Spruce Creek near Samsula, Fla.....	B6	32	1951-61	490	Oct. 8, 1953	15.5	798	6	
2495	Crane Creek at Melbourne, Fla.....	A1	12.6	1951-61	1,000	Oct. 16, 1956	10.0	608	2	-
2500	Turkey Creek near Palm Bay, Fla.....	A1	95.5	1956-61	(c)	Oct. 16, 1956	13.7	1,310	-	-
2520	Fellsmere Canal near Fellsmere, Fla.....	A1	78.4	1955-61	(c)	Oct. 16, 1956	8.5	904	-	-
2525	North Canal near Vero Beach, Fla.....	A1	(b)	1951-61	(c)	June 18, 1959	11.8	-	-	-
						Sept.23, 1960	-	1,790	-	-
2530	Main Canal at Vero Beach, Fla.....	A1	(b)	1949-61	(c)	Sept.23, 1960	14.2	1,900	-	-
2535	South Canal near Vero Beach, Fla.....	A1	(b)	1951-61	(c)	Sept.23, 1960	10.6	1,670	-	-
	Lake Okeechobee and the Everglades basins									
2560	Fisheating Creek near Venus, Fla.....	A1	188	1955-61	3,750	June 18, 1959	-	5,120	3	-
						Sept.11, 1960	17.0	-	-	-
2565	Fisheating Creek near Palmdale, Fla.....	A1	436	1931-61	5,650	Oct. 3, 1951	12.4	31,400	-	1.29
2595	Indian Prairie Canal near Okeechobee, Fla.	-	(b)	1939-50	-	Oct. 12, 1947	19.1	-	-	-
						Oct. 5, 1948	-	1,880	-	-
2615	Myrtle-Mary-Jane Canal near Narcoossee, Fla.	A1	111	1950-61	d 580	Sept. 26,27, 1960	8.3	-	-	-
						Sept.27, 1960	-	990	5	-
2635	St. Cloud Canal near St. Cloud, Fla.....	A1	300	1942-61	d 705	Sept.30, 1960	62.3	1,600	8	-
2640	Cypress Creek at Vineland, Fla.....	A1	30.3	1946-61	d 78	Sept.11, 1960	4.7	354	-	1.05
2650	South Port Canal near St. Cloud, Fla.....	A1	540	1942-61	d 750	Sept.24, 1960	10.6	3,400	-	1.05
2660	Canoe Creek near St. Cloud, Fla.....	A1	86.5	-	d 2,240	1935	-	-	-	-
				1950-59		Oct. 16, 1956	12.2	2,190	-	-
2665	Reedy Creek near Loughman, Fla.....	A1	-	1940-59	(c)	Aug. 30, 1953	4.1	-	-	-
						Oct. 18, 1956	4.1	-	-	-
						Mar. 21, 1959	4.0	534	-	-
2670	Catfish Creek near Lake Wales, Fla.....	A1	58.9	1948-61	d 511	Sept.15, 1960	6.0	-	-	-
						Sept. 17,18, 1960	-	235	1	-
2690	Kissimmee River below Lake Kissimmee, Fla.	MS	1,609	1934-61	2,440	Oct. 5 or 6, 1948	-	8,820	26	-
						Oct. 9, 1953	13.2	-	-	-
2695	Reedy Creek near Frostproof, Fla.....	A1	62.2	1947-61	d 132	Oct.2-6, 1958	-	166	3	-
						Oct. 7, 1960	4.7	-	-	-
2700	Carter Creek near Sebring, Fla.....	A1	38.8	1955-61	c 261	Sept.11, 1960	11.0	552	7	-
2705	Arbuckle Creek near De Soto City, Fla.....	A1	379	1939-61	d 3,180	Sept.23, 1948	8.7	7,380	8	-
2710	Sterns Creek near Lake Placid, Fla.....	A1	44.0	1955-61	(c)	Sept.10, 1960	10.3	-	-	-
						Sept.17, 1960	-	431	-	-
2715	Josephine Creek near De Soto City, Fla....	A1	109	1947-61	d 288	Sept.23, 1948	11.6	1,780	-	1.44
2720	Istokpoga Canal near Cornwall, Fla.....	A1	-	1933-61	d 1,010	Oct. 12, 1953	11.4	-	-	-
						Sept.25,26,1960	-	2,240	7	-

See footnotes at end of table.

Table 1.--Maximum stages and discharges at gaging stations--Continued

No.	Gaging station	Flood region and hydrologic area	Drainage area (sq mi)	Period of known floods (water years)	Areal $Q_{2.33}$ (cfs)	Maximum flood				
						Date	Gage height (feet)	Discharge		
								Cfs	Recurrence interval (years)	Ratio to areal Q_{50}
	Lake Okeechobee and the Everglades--Continued									
2730	Kissimee River near Okeechobee, Fla.....	MS	2,892	1928-61	6,200	August 1928	30.3	20,000	18	-
2740	Taylor Creek near Basinger, Fla.....	Al	15.7	1955-61	1,120	Oct. 15, 1956	7.9	2,540	8	-
2745	Taylor Creek above Okeechobee, Fla.....	Al	98.7	1955-61	2,750	Oct. 16, 1956	9.2	6,930	10	-
2890	Tamiami Canal outlets, Miami to Monroe, Fla.	-	(b)	1940-61	-	Oct. 12, 1947	11.2	17,000	-	-
2915	Imperial River near Bonita Springs, Fla...	Al	(b)	1936	-	June 15, 1936	13.4	-	-	-
				1940-55	-	Sept.12, 1940	-	2,890	-	-
						Oct. 2, 1951	12.74	-	-	-
2930	Orange River near Fort Myers, Fla.....	(e)	60	1936-46	-	June 15, 1936	13.4	5,300	-	-
	Peace River basin									
2935	Peace Creek drainage Canal near Dundee, Fla.	Al	50	1947-59	d265	Sept.22, 1948	7.4	231	2	-
2940	Peace Creek drainage canal near Alturas, Fla.	Al	160	1928-61	d 1,390	1928	13.3	2,540	5	-
2945	Lake Lulu Outlet at Eloise, Fla.....	Al	23	1946-61	d 54	Aug. 25, 1948	11.2	-	-	-
						June 21, 1959	-	218	15	-
2950	Peace River at Barton, Fla.....	Al	390	1940-61	d1,710	Sept.24, 1947	-	2,900	5	-
						Sept. 13, 14, 1960	8.0	-	-	-
2960	Peace River at Zolfo Springs, Fla.....	Al	826	1934-61	d 6,080	Sept. 6, 1933	20.0	26,300	50	-
2962	Little Charlie Bowlegs Creek near Sebring, Fla.	Al	41.9	1952-61	(c)	Sept.27, 1960	17.6	874	-	-
2965	Charlie Creek near Gardner, Fla.....	Al	330	1950-61	4,930	Apr. 1, 1960	18.8	8,160	4	-
2970	Peace River at Arcadia, Fla.....	Al	1,367	1912-61	d 9,150	1912	18.3	43,000	-	1.09
2975	Joshua Creek at Nocatee, Fla.....	Al	132	1950-61	3,140	Oct. 10, 1953	18.8	8,670	12	-
2980	Horse Creek near Arcadia, Fla.....	Al	218	1950-61	4,020	Aug. 1, 1960	17.9	11,700	14	-
	Myakka River basin									
2990	Myakka River near Sarasota, Fla.....	Al	235	1937-61	d3,840	Aug. 1 1960	11.6	8,760	8	-
	Coastal basins between Myakka River and Alafia River									
3000	Manatee River near Bradenton, Fla.....	Al	80	1939-61	2,480	Sept.11, 1960	25.7	8,410	21	-
3005	Little Manatee River near Wimauma, Fla....	Al	149	1939-61	3,350	Sept.11, 1960	17.6	14,000	44	-
	Alafia River basin									
3010	North Prong Alafia River at Keysville, Fla.	Al	135	1950-61	3,600	Sept.11, 1960	15.9	9,570	11	-
3015	Alafia River at Lithia, Fla.....	Al	335	1933-61	4,950	Sept. 7, 1933	25.6	45,900	-	2.15

	Coastal basins between Alafia River and Hillsborough River									
3018	Sixmile Creek at Tampa, Fla.....	A4	28	1957-61	505	Sept.11, 1960	11.5	1,290	10	-
	Hillsborough River basin									
3025	Blackwater Creek near Knights, Fla.....	A4	110	1951-61	1,190	Mar. 18, 1960	9.7	5,400	-	1.05
3030	Hillsborough River near Zephyrhills, Fla..	A4	220	1940-61	1,850	Mar. 18, 1960	15.3	12,600	-	1.58
3032	Pemberton Creek near Dover, Fla.....	A4	24	1957-61	460	Mar. 17, 1960	8.8	1,400	15	-
3040	Hillsborough River near Harvey, Fla.....	-	630	1934-39	(c)	June 20, 1934	13.4	11,700	-	-
3045	Hillsborough River near Tampa, Fla.....	A4	650	1933-61	3,640	Sept. 9, 1933	25.6	16,500	-	1.05
	Coastal basins between Hillsborough River and Withlacoochee River									
3065	Sweetwater Creek near Sulphur Springs, Fla.	-	6.4	1952-61	(c)	Mar. 17, 1960	4.2	438	-	-
3070	Rocky Creek near Sulphur Springs, Fla.....	A4	35	1953-61	d 505	July 29, 1960	17.0	2,840	-	1.31
3075	Alligator Creek at Safety Harbor, Fla.....	A4	9.0	1950-59,1961	-	Sept. 6, 1960	9.3	490	-	-
3085	Seminole Lake Outlet near Largo, Fla.....	A4	14	1950-61	(c)	Sept. 5, 1950	7.4	539	-	-
3090	Brooker Creek near Odessa, Fla.....	-	10	1946-56	(c)	Aug. 23, 1949	13.2	180	-	-
3095	Brooker Creek near Tarpon Springs, Fla....	A4	30	1951-61	d 265	Mar. 17, 1960	13.3	1,600	-	1.40
3100	Anclote River near Elfers, Fla.....	A4	72.5	1955-61	920	Aug. 8, 1945	27.7	5,000	-	1.26
	Withlacoochee River basin									
3115	Withlacoochee River near Dade City, Fla...	-	390	1930-33,1959-61	(c)	Mar. 21, 1960	14.3	5,900	-	-
3120	Withlacoochee River at Trilby, Fla.....	MS	580	1930-61	1,950	June 21, 1934	20.5	8,840	-	1.51
3125	Withlacoochee River at Croom, Fla.....	MS	880	1934		June 1934	15.2	-	-	-
				1940-61	2,130	May 23, 1960	13.8	8,650	-	1.35
3130	Withlacoochee River near Holder, Fla.....	MS	1,710	1929,1932-61	3,400	Apr. 5, 1960	13.3	8,660	24	-
3135	Waccasassa River near Otter Creek, Fla....	-	(b)	1945-53	(c)	Sept. 7, 1950	7.2	1,210	-	-
3140	Otter Creek at Otter Creek, Fla.....	-	(b)	1945-53	(c)	Sept. 6, 1950	7.9	3,000	-	-
	Suwannee River basin									
3145	Suwannee River at Fargo, Ga.....	B7	1,260	1928-31,	4,900	Oct.1,5,6,1928	-	13,800	37	-
				1938-61		Oct. 3, 1929	19.6	-	-	-
3146	Suwanoochee Creek at Du Pont, Ga.....	B7	143	1930-61	725	October 1929	11.2	-	-	-
				1948-61		Mar. 9, 1959	8.2	1,480	11	-
3155	Suwannee River at White Springs, Fla.....	B7	2,360	1906-8,1927-61	8,600	Apr. 5,6,1948	36.6	28,500	-	1.10
3157	Alapaha River at Rebecca, Ga.....	A4	112	1951-61	1,200	Apr. 6, 1960	6.5	3,400	13	-
3159	Deep Creek near Ashburn, Ga.....	A4	137	1951-61	1,360	Apr. 5, 1960	13.0	3,880	13	-
3160	Alapaha River near Alapaha, Ga.....	A4	663	1900-61	3,700	April 1928	18.0	16,000	-	1.01
3162	Withlacoochee River near Ocilla, Ga.....	A4	90	1950-61	1,050	April 1948	11.9	-	-	-
				1949-61		Apr. 16, 1961	9.0	4,050	33	-
3175	Alapaha River at Statenville, Ga.....	A4	1,400	1862-1961	5,930	Apr. 6, 1948	29.8	27,300	-	1.07
3177	Withlacoochee River near Nashville, Ga....	A3	132	1948-61	1,820	April 1948	14.8	-	-	-
				1951-61		Mar. 8, 1959	11.5	5,300	13	-
3178	Little River near Tifton, Ga.....	A3	145	1951-61	1,940	Apr. 16, 1961	9.9	3,630	5	-
3179	Ty Ty Creek at Ty Ty, Ga.....	A3	47	1948-61	920	April 1948	9.3	-	-	-
				1951-61		Apr. 16, 1961	7.3	1,880	6	-
3180	Little River near Adel, Ga.....	A3	547	1928-61	4,630	Apr. 2, 1948	21.0	38,000	-	1.90
3185	Withlacoochee River near Quitman, Ga.....	A3	1,480	1928-61	9,000	Apr. 4, 1948	31.7	66,000	-	1.70
3190	Withlacoochee River near Pinetta, Fla.....	A3	2,120	1928-61	11,300	Apr. 5, 1948	38.6	79,400	-	1.64

See footnotes at end of table.

Table 1.--Maximum stages and discharges at gaging stations--Continued

No.	Gaging station	Flood region and hydrologic area	Drainage area (sq mi)	Period of known floods (water years)	Areal $Q_{2.33}$ (cfs)	Maximum flood				
						Date	Gage height (feet)	Discharge		
								Cfs	Recurrence interval (years)	Ratio to areal Q_{50}
				Suwannee River basin--Continued						
3195	Suwannee River at Ellaville, Fla.....	MS	6,850	1927-61	17,500	Apr.7,8, 1948	40.9	95,300	-	1.81
3200	Suwannee River at Luraville, Fla.....	MS	7,280	1927-48	16,500	April 1948	37.0	-	-	-
				1927-37		Aug. 24, 1928	33.7	66,000	-	1.33
3205	Suwannee River at Branford, Fla.....	MS	7,720	1928-61	16,000	Apr. 11, 1948	34.1	83,900	-	1.75
3210	New River near Lake Butler, Fla.....	B6	212	1950-61	2,600	Sept. 8, 1950	12.0	6,470	22	-
3215	Santa Fe River at Worthington, Fla.....	B6	630	1932-61	d 6,550	June 17, 1934	-	17,500	29	-
						Oct. 21, 1944	24.9	-	-	-
3220	Santa Fe River near High Springs, Fla.....	B7	950	1931-61	3,800	Mar. 14, 1948	15.7	12,700	-	1.11
3225	Santa Fe River near Fort White, Fla.....	B7	1,080	1928-30,	4,300	Mar. 14, 1948	-	12,300	40	-
				1932-61		Apr. 12, 1948	13.7	-	-	-
3230	Suwannee River near Bell, Fla.....	MS	9,390	1862-1957	20,000	Apr. 13, 1948	27.4	82,300	-	1.37
3235	Suwannee River near Wilcox, Fla.....	MS	9,630	1928-61	20,200	Apr. 14, 1948	22.3	84,700	-	1.39
				Steinhatchee River basin						
3240	Steinhatchee River near Cross City, Fla...	B6	350	1950-61	4,020	Oct. 4, 1957	15.8	4,320	2	-
				Coastal basins between Steinhatchee River and Aucilla River						
3244	Fenholloway River near Foley, Fla.....	B6	70	1956-61	975	June 9, 1957	14.1	1,620	6	-
3245	Fenholloway River at Foley, Fla.....	B6	80	1947-61	1,100	Mar. 10, 1948	16.0	2,640	20	-
						June 9, 1957	16.6	1,620	5	-
3260	Econfina River near Perry, Fla.....	B7	192	1950-61	1,100	Sept.17, 1957	12.8	2,540	17	-
				Aucilla River basin						
3265	Aucilla River at Lamont, Fla.....	(e)	680	1950-61	-	Sept.18, 1957	14.9	6,580	-	-
				Coastal basins between Aucilla River and Ochlockonee River						
3269	St. Marks River near Newport, Fla.....	(e)	540	1957-61	-	Sept.18, 1957	10.0	4,010	-	-
				Ochlockonee River basin						
3272	Ochlockonee River at Moultrie, Ga.....	A3	96	1948-61	1,470	April 1948	15.5	-	-	-
				1951-61		Apr. 16, 1961	9.5	3,250	7	-
3275	Ochlockonee River near Thomasville, Ga...	A2	550	1937-61	5,400	Apr. 2, 1948	29.1	72,000	-	3.10
3277	Barnetts Creek near Thomasville, Ga.....	A2	104	1951-61	2,350	Mar. 6, 1959	16.8	10,400	-	1.03
3279	Wolf Creek near Whigham, Ga.....	A2	19	1929-61	1,000	April 1948	15	-	-	-
				1951-61		Mar. 6, 1959	8.2	2,000	6	-
3280	Tired Creek near Cairo, Ga.....	A2	60	1948-61	1,780	Apr. 1, 1948	16.3	28,100	-	3.67
3290	Ochlockonee River near Havana, Fla.....	A2	1,020	1926-61	7,400	Apr. 4, 1948	35.1	55,900	-	1.75
3295	Little River near Quincy, Fla.....	A2	250	1950-61	3,620	Sept.27, 1960	20.4	23,200	-	1.50
3300	Ochlockonee River near Bloxham, Fla.....	A2	1,660	1926-61	(c)	Apr. 5, 1948	28.5	50,200	-	-
						Sept.30, 1957	32.6	a 55,000	-	-
3301	Telogia Creek near Bristol, Fla.....	A2	126	1950-61	2,640	Mar. 7, 1959	9.4	-	-	-
						Apr. 3, 1960	-	4,640	5	-

Apalachicola River basin

3310	Chattahoochee River near Leaf, Ga.....	MS	150	1940-61	7,830	Jan. 7, 1946	13.6	14,100	9	-
3315	Soque River near Demorest, Ga.....	C9	156	1870-1961	7,200	June 16, 1949	28.5	21,000	-	1.07
3330	Chattahoochee River near Gainesville, Ga..	MS	559	1939-55	17,500	Jan. 7, 1946	26.2	45,800	42	-
3335	Chestatee River near Dahlonega, Ga.....	C9	153	1907-61	7,100	Aug. 12, 1907	a25	-	-	-
				1940-61		Jan. 7, 1946	22.1	15,300	17	-
3345	Chattahoochee River near Buford, Ga.....	MS	1,060	1921-61	20,400	Jan. 8, 1946	32.6	55,000	48	-
3350	Chattahoochee River near Norcross, Ga.....	MS	1,170	1896-1961	20,200	Jan. 8, 1946	27.7	55,000	50	-
3355	Chattahoochee River near Roswell, Ga.....	MS	1,230	1921-61	19,600	Jan. 8, 1946	23.4	56,000	-	1.05
3360	Chattahoochee River at Atlanta, Ga.....	MS	1,450	1896-1961	20,900	December 1919	29	64,000	-	1.12
3365	Chattahoochee River at Oakdale, Ga.....	MS	1,600	1896-1910	22,000	Dec. 30, 1901	27.0	48,800	21	-
				1921-61		Jan. 8, 1946	29.4	-	-	-
3370	Sweetwater Creek near Austell, Ga.....	C11	246	1916-61	5,100	July 8, 1916	20.0	12,600	31	-
3374	Dog River near Douglasville, Ga.....	C9	43	1951-61	2,870	Feb. 25, 1961	16.2	9,910	-	1.27
3375	Snake Creek near Whitesburg, Ga.....	C9	37	1955-61	2,580	Feb. 25, 1961	14.4	7,690	-	1.10
3380	Chattahoochee River near Whitesburg, Ga...	MS	2,430	1921-61	27,600	Jan. 10, 1946	25.1	59,000	25	-
3385	Chattahoochee River at Franklin, Ga.....	MS	2,680	1896-1961	32,000	December 1919	28.4	105,000	-	1.35
3390	Yellowjacket Creek near La Grange, Ga.....	C11	182	1951-61	4,180	Feb. 25, 1961	22.5	21,600	-	1.90
3395	Chattahoochee River at West Point, Ga.....	MS	3,550	1827-1961	46,500	Dec. 10, 1919	30.0	134,000	-	1.24
3405	Mountain Creek near Hamilton, Ga.....	C11	61.7	1944-61	2,050	July 11, 1948	16.6	11,800	-	2.12
3407.5	Osanippa Creek near Fairfax, Ala.....	C9	101	1953-61	5,300	Feb. 25, 1961	16.1	12,800	28	-
3415	Chattahoochee River at Columbus, Ga.....	MS	4,670	1827-1961	61,000	Mar. 15, 1929	b53.2	198,000	-	1.44
3421.5	Uchee Creek near Seale, Ala.....	-	134	1951-61	-	Mar. 8, 1958	13.1	-	-	-
3425	Uchee Creek near Fort Mitchell, Ala.....	C9	325	1947-61	12,200	Mar. 8, 1958	22.0	21,100	8	-
3430	Barbour Creek near Eufaula, Ala.....	C9	93.3	1954-58	5,000	Sept.25, 1956	20.2	6,250	3	-
3432	Pataula Creek near Lumpkin, Ga.....	C12	70	1950-61	1,600	May 3, 1953	7.0	3,500	18	-
3432.25	Pataula Creek near Georgetown, Ga.....	C12	295	1951-61	4,300	May 3, 1953	8.0	9,200	16	-
3432.75	Abbie Creek near Abbeville, Ala.....	C12	46.7	1951-61	1,210	May 4, 1953	10.3	-	-	-
3435	Chattahoochee River at Columbia, Ala.....	MS	8,040	1827-1961	75,500	Mar. 18, 1929	56.0	203,000	-	1.23
3440	Chattahoochee River at Alaga, Ala.....	MS	8,340	1827-1961	76,000	Mar. 18, 1929	46.0	207,000	-	1.25
3445	Flint River near Griffin, Ga.....	C11	272	1929-61	5,470	Mar. 14, 1929	17.9	15,300	-	1.03
3450	Flint River near Molena, Ga.....	MS	990	1939-53	17,100	Nov. 27, 1948	25.9	31,100	9	-
3455	Flint River near Woodbury, Ga.....	MS	1,090	1900-27	18,500	Dec. 11, 1919	17.1	38,400	15	-
3465	Potato Creek near Thomaston, Ga.....	C11	186	1938-61	4,250	Nov. 27, 1948	8.8	9,240	18	-
3475	Flint River near Culloden, Ga.....	MS	1,850	1913-61	28,900	Mar. 15, 1929	38.4	92,000	-	1.17
3490	Whitewater Creek near Butler, Ga.....	C13	93.4	1944-61	1,060	May 4, 1957	7.0	2,160	14	-
3495	Flint River at Montezuma, Ga.....	MS	2,900	1897-1961	30,000	Mar. 2, 1897	26	97,000	-	1.19
						Mar. 17, 1929	27.4	92,000	-	-
3499	Turkey Creek at Byromville, Ga.....	C13	45	1951-61	600	Apr. 5, 1960	11.5	2,140	-	1.31
3500	Flint River near Vienna, Ga.....	MS	3,390	1898-1961	28,500	January 1925	31.2	89,000	-	1.15
3505	Flint River at Oakfield, Ga.....	MS	3,860	1898-1961	27,500	Jan. 20, 1925	35.1	90,000	-	1.20
3506	Kinchafoonee Creek at Preston, Ga.....	C12	197	1900-61	3,250	January 1943	11.4	-	-	-
				1952-61		May 4, 1953	8.8	6,000	10	-
3509	Kinchafoonee Creek near Dawson, Ga.....	C13	527	1900-61	4,100	January 1943	23	-	-	-
				1949-61		Apr. 6, 1960	19.4	7,800	11	-
3517	Muckalee Creek near Smithville, Ga.....	C13	265	1945-61	2,400	April 1948	14	-	-	-
				1951-61		Apr. 4, 1960	9.2	5,400	20	-
3518	Muckaloochee Creek at Smithville, Ga.....	C13	47	1943-61	620	January 1943	10.8	-	-	-
				1950-61		Apr. 4, 1960	5.9	2,670	-	1.58
3519	Muckalee Creek near Leesburg, Ga.....	C13	405	1945-61	3,330	April 1948	19.7	-	-	-
				1951-61		Apr. 6, 1960	14.8	5,860	8	-

See footnotes at end of table.

Table 1.--Maximum stages and discharges at gaging stations--Continued

No.	Gaging station	Flood region and hydrologic area	Drainage area (sq mi)	Period of known floods (water years)	Areal $Q_{2.33}$ (cfs)	Maximum flood				
						Date	Gage height (feet)	Discharge		
								Cfs	Recurrence interval (years)	Ratio to areal Q_{50}
	Apalachicola River basin--Continued									
3525	Flint River at Albany, Ga.....	MS	5,310	1893-1961	33,700	Jan. 21, 1925	37.8	92,000	50	-
3530	Flint River at Newton, Ga.....	MS	5,740	1893-1961	34,200	Jan. 25, 1925	41.3	94,000	-	1.01
3532	Nochaway Creek near Shellman, Ga.....	C13	52	1951-61	670	May 3, 1953	6.9	-	-	-
3534	Pachitla Creek near Edison, Ga.....	C12	188	1950-61	3,150	Apr. 5, 1960	9.2	8,500	48	-
3535	Ichawaynochaway Creek at Milford, Ga.....	C13	620	1916-61	4,630	July 1916	17.2	15,500	-	1.23
3545	Chickasawhatchee Creek at Elmodel, Ga.....	C13	320	1940-61	2,780	Mar. 10, 1948	11.9	3,630	4	-
						Apr. 4, 1948	11.9	3,630	-	-
3550	Ichawaynochaway Creek near Newton, Ga.....	C13	1,020	1916-61	6,850	July 1916	35	26,000	-	1.40
3560	Flint River at Bainbridge, Ga.....	MS	7,570	1893-1961	36,000	Jan. 24, 1925	40.9	101,000	-	1.03
3561	Spring Creek near Arlington, Ga.....	C12	49	1951-61	1,250	Apr. 5, 1960	8.5	3,120	33	-
3570	Spring Creek near Iron City, Ga.....	C13	485	1938-61	3,820	Apr. 2, 1948	19.9	12,600	-	1.21
3580	Apalachicola River at Chattahoochee, Fla..	MS	17,100	1929-61	91,800	Mar. 20, 1929	34.7	293,000	-	1.56
3585	Mosquito Creek at Chattahoochee, Fla.....	C13	57.9	1936-42	730	Sept. 1, 1937	11.5	1,310	9	-
3590	Chipola River near Altha, Fla.....	C13	781	1913, 1922-27, 1930-31, 1943-61	5,600	Sept.20, 1926	33.6	25,000	-	1.64
						Apr.4,5, 1948	32.2	19,100	-	1.25
	Econfina Creek basin									
3595	Econfina Creek near Bennett, Fla.....	C13	122	1936-61	1,300	Apr. 2, 1948	12.5	4,860	-	1.37
	Choctawhatchee River basin									
3600	West Fork Choctawhatchee River at Blue Springs, Ala.	C11	84.7	1943-61	2,530	Sept.26, 1956	11.5	9,800	-	1.43
3605	East Fork Choctawhatchee River near Midland City, Ala.	C12	297	1953-61	4,300	May 4, 1953	23.8	15,700	-	1.34
3610	Choctawhatchee River near Newton, Ala.....	C11	683	1929-61	10,000	Mar. 15, 1929	42	-	-	-
				1922-27, 1935-61		Jan. 20, 1936	29.5	25,800	38	-
						May 4, 1953	29.6	-	-	-
3630	Pea River near Ariton, Ala.....	C10	492	1929-61	10,700	March 1929	25	-	-	-
				1939-61		Apr. 4, 1960	20.4	22,000	15	-
3640	Pea River at Elba, Ala.....	C11	966	1929	12,600	March 1929	43.5	-	-	-
				1935-47		Mar. 17, 1938	35.0	35,000	-	1.02
3645	Pea River near Samson, Ala.....	C11	1,187	1905-13, 1923-25, 1936-61	14,400	Jan. 20, 1925	42.0	30,000	15	-
						Mar. 15, 1929	45.3	-	-	-
3655	Choctawhatchee River at Caryville, Fla....	MS	3,499	1929-61	36,700	Mar. 17, 1929	27.1	206,000	-	2.06
3660	Holmes Creek at Vernon, Fla.....	C13	333	1950-61	3,200	Apr. 4, 1960	23.4	10,900	-	1.25
3685	Choctawhatchee River near Bruce, Fla.....	MS	4,384	1929-61	37,700	March 1929	25.0	220,000	-	2.14
	Coastal basins between Choctawhatchee River and Yellow River									
3670	Alaqua Creek near De Funiak Springs, Fla..	C11	65.6	1951-61	2,130	Sept.26, 1953	18.5	5,160	28	-
	Yellow River basin									
3675	Lightwood Knot Creek at Babbie, Ala.....	C10	113	1944-61	4,600	Sept.11, 1944	11.9	12,100	42	-

3680	Yellow River at Milligan, Fla.....	C10	624	1929	12,200	1929	26.2	-	-	-
				1938-61		Dec. 6, 1953	15.1	28,000	22	-
3685	Shoal River near Mossy Head, Fla.....	C11	123	1951-61	3,220	Sept.27, 1953	21.9	8,690	48	-
3690	Shoal River near Crestview, Fla.....	C11	474	1938-61	7,900	July 7, 1940	14.3	21,700	-	1.01
3695	Yellow River near Holt, Fla.....	C10	1,210	1929	17,800	March 1929	25.4	-	-	-
				1933-41		July 9, 1940	15.6	35,100	12	-
				Blackwater River basin						
3700	Blackwater River near Bailer, Fla.....	C10	205	1950-61	6,450	Dec. 4, 1953	20.8	17,200	45	-
3705	Big Coldwater Creek near Milton, Fla.....	C10	237	1939-61	7,000	Aug. 17, 1939	17.3	23,100	-	1.21
				Escambia River basin						
3710	Conecuh River near Troy, Ala.....	C10	253	1944-61	7,300	Nov. 28, 1948	16.1	18,000	31	-
3715	Conecuh River at Brantley, Ala.....	C10	492	1938-61	10,700	Nov. 29, 1948	23.0	15,800	5	-
3720	Patsaliga Creek at Luverne, Ala.....	C10	249	1944-61	7,200	Nov. 28, 1948	16.8	16,700	24	-
3725	Conecuh River near Andalusia, Ala.....	C10	1,344	1905-61	18,900	Mar. 15, 1929	47.6	154,000	-	3.01
3730	Sepulga River near McKenzie, Ala.....	D19	464	1929-61	9,070	March 1929	33	-	-	-
				1938-61		Mar. 17, 1938	-	28,100	26	-
						Feb. 26, 1961	24.7	23,300	14	-
3735	Pigeon Creek near Thad, Ala.....	D19	296	1929-61	7,050	March 1929	30	-	-	-
				1938-61		Nov. 29, 1948	-	17,100	12	-
3740	Conecuh River near Brooklyn, Ala.....	MS	2,460	1929-61	28,700	Mar. 15, 1929	47	-	-	-
				1935-57		Dec. 1, 1948	38.6	67,300	24	-
3745	Murder Creek near Evergreen, Ala.....	D19	170	1929-61	5,210	March 1929	26.6	-	-	-
				1938-61		Mar. 16, 1938	16.6	-	-	-
						Feb. 25, 1961	16.1	22,000	-	1.16
3750	Escambia Creek at Flomation, Ala.....	D19	323	1929-61	7,450	March 1929	25.9	-	-	-
				1939-61		Apr. 14, 1955	19.4	42,400	-	1.57
3755	Escambia River near Century, Fla.....	MS	3,817	1929-61	45,900	March 1929	37.8	315,000	-	2.52
3760	Pine Barren Creek near Barth, Fla.....	D19	75.3	1953-61	3,350	Apr. 14, 1955	18.0	24,800	-	2.03
				Perdido River basin						
3765	Perdido River at Barrineau Park, Fla.....	D19	394	1929	8,300	Mar. 15, 1929	25.7	-	-	-
				1941-61		Apr. 15, 1955	23.9	39,000	-	1.29
3775	Styx River near Loxley, Ala.....	D19	93.2	1926	3,750	September 1926	22.2	-	-	-
				1951-61		Dec. 6, 1953	19.7	14,000	-	1.02
				Fish River basin						
3785	Fish River near Silver Hill, Ala.....	D19	55.1	1954-61	2,820	Dec. 6, 1953	17.0	8,570	24	-
				Mobile River basin						
3795	Cartecay River near Ellijay, Ga.....	C10	135	1938-61	5,100	Apr. 8, 1938	13.0	20,000	-	1.44
3805	Coosawattee River near Ellijay, Ga.....	MS	238	1939-61	8,750	Mar. 29, 1951	20.7	25,000	-	1.05
3830	Rock Creek near Fairmount, Ga.....	C10	5.61	1952-61	(e)	Jan. 16, 1954	4.2	820	-	-
3835	Coosawattee River at Pine Chapel, Ga.....	MS	856	1938-61	15,700	Mar. 30, 1951	30.8	40,200	37	-
3840	Conasauga River near Tennga, Ga.....	MS	103	1933-61	11,800	Apr. 28, 1958	18.2	19,400	7	-
3849	Coahulla Creek near Cleveland, Tenn.....	C10	4.88	1955-61	(e)	Jan. 31, 1957	7.1	882	-	-
3850	Coahulla Creek near Varnell, Ga.....	C10	87	1920-61	3,970	1919 or 1920	16.8	-	-	-
				1940-43, 1951-61		Dec. 29, 1942	13.8	6,600	7	-
3870	Conasauga River at Tilton, Ga.....	MS	682	1938-61	17,600	Mar. 30, 1951	30.2	29,000	7	-
3875	Oostanaula River at Resaca, Ga.....	MS	1,610	1834-1961	22,800	Apr. 1, 1886	b 36.6	68,600	-	1.11
3885	Oostanaula River near Rome, Ga.....	MS	2,120	1834-1961	27,600	April 1886	40.3	-	-	-
				1940-61		Jan. 23, 1947	34.1	47,000	7	-

See footnotes at end of table.

Table 1.--Maximum stages and discharges at gaging stations--Continued

No.	Gaging station	Flood region and hydrologic area	Drainage area (sq mi)	Period of known floods (water years)	Areal Q2.33 (cfs)	Maximum flood				
						Date	Gage height (feet)	Discharge		
								Cfs	Recurrence interval (years)	Ratio to areal Q50
				Mobile River basin--Continued						
3889	Etowah River near Dahlonega, Ga.....	C10	68	1950-61	3,450	Feb. 25, 1961	13.4	6,750	12	-
3890	Etowah River near Dawsonville, Ga.....	MS	103	1940-61	2,990	Jan. 7, 1946	15.8	4,780	6	-
3900	Amicalola Creek near Dawsonville, Ga.....	C10	84.7	1940-52	3,900	Feb. 17, 1942	7.0	7,450	11	-
3910	Etowah River near Ball Ground, Ga.....	MS	466	1908-15,1919-21	9,700	Dec. 22, 1918	25.5	22,200	-	2.10
3920	Etowah River at Canton, Ga.....	MS	605	1892-1961	11,900	January 1892	25	36,700	-	1.13
						Jan. 7, 1946	26.7	29,800	33	-
3925	Little River near Roswell, Ga.....	C11	60.5	1890-1961	2,020	January 1946	18	5,000	32	-
3940	Etowah River at Allatoona Dam, above Cartersville, Ga.	MS	1,110	1920-61	17,800	Jan. 8, 1946	20.8	40,400	21	-
3944	Pumpkinville Creek below Dallas, Ga.....	C10	40	1951-61	2,550	Feb. 21, 1961	20.3	6,800	44	-
3950	Etowah River near Kingston, Ga.....	MS	1,630	1920-61	24,500	Dec. 11, 1919	31	52,000	17	-
3955	Dikes Creek near Rome, Ga.....	C10	14.8	1939-43	(e)	Feb. 16, 1942	5.1	1,010	-	-
3960	Etowah River at Rome, Ga.....	MS	1,810	1920-61	25,700	Dec. 11, 1919	-	55,000	17	-
3970	Coosa River near Rome, Ga.....	MS	4,040	1834-1961	40,000	Apr. 1, 1886	43	100,000	-	1.16
3975	Cedar Creek near Cedartown, Ga.....	C10	109	1887-1961	4,500	Nov. 28, 1948	16.4	8,820	12	-
3980	Chattooga River at Summerville, Ga.....	C9	193	1938-61	8,400	Mar. 29, 1951	21.0	24,500	-	1.07
3985	Chattooga River at Gaylesville, Ala.....	C9	377	1938-61	13,600	Mar. 30, 1951	25.2	33,700	32	-
3990	Little River near Jamestown, Ala.....	C8	120	1929-61	10,900	Nov. 28, 1948	12.9	21,800	13	-
3995	Coosa River at Leesburg, Ala.....	MS	5,270	1937-58	46,600	Feb. 14, 1946	35.1	73,200	33	-
						Jan. 24, 1947	35.1	73,200	33	-
4000	Terrapin Creek near Piedmont, Ala.....	C9	115	1944-61	5,800	Nov. 28, 1948	13.3	21,000	-	1.33
4005	Coosa River at Gadsden, Ala.....	MS	5,800	1834-1961	49,000	Apr. 6, 1886	37.9	115,000	-	1.33
4010	Big Wills Creek near Crudup, Ala.....	C9	185	1884	8,150	1884	16.3	-	-	-
				1944-61		Mar. 29, 1951	14.5	14,800	9	-
4015	Big Canoe Creek near Gadsden, Ala.....	D18	256	1938-61	8,500	Dec. 29, 1942	29.1	37,900	-	1.21
4025	Coosa River at Riverside, Ala.....	MS	7,060	1897-1916	66,000	July 16, 1916	21.4	82,600	6	-
4040	Choccolocco Creek near Jenifer, Ala.....	D18	281	1904-7,1930-32, 1936-61	9,000	Feb. 4, 1936	17.2	21,900	12	-
4042.45	Cheaha Creek near Talladega, Ala.....	D18	69.2	1951-53, 1955-61	4,310	Mar. 29, 1951	20.2	16,000	51	-
4045	Choccolocco Creek near Lincoln, Ala.....	D18	499	1886	12,200	1886	27.5	-	-	-
				1939-61		Mar. 29, 1951	25.5	49,300	-	1.11
4050	Coosa River near Cropwell, Ala.....	MS	7,690	1942-58	78,000	Mar. 30, 1951	23.7	126,000	21	-
4055	Kelly Creek near Vincent, Ala.....	D16	192	1952-61	11,200	Feb. 22, 1961	27.1	30,900	18	-
4060	Talladega Creek near Talladega, Ala.....	D13	33.4	1951-61	5,130	March 1951	19	33,000	-	1.74
4065	Talladega Creek at Alpine, Ala.....	D18	148	1901-4,1939-61	6,400	Mar. 29, 1951	16.6	39,000	-	1.66
4070	Coosa River at Childersburg, Ala.....	MS	8,390	1914-61	85,000	Mar. 30,31,1951	-	146,000	25	-
						Feb. 23, 1961	30.4	140,000	19	-
4075	Yellowleaf Creek near Wilsonville, Ala....	D18	97.2	1951-61	5,140	Feb. 21, 1961	25.2	26,700	-	1.41
4085	Hatchet Creek near Rockford, Ala.....	C9	244	1945-61	9,950	Jan. 6, 1946	24.9	22,800	22	-
4090	Weogufka Creek near Weogufka, Ala.....	D18	73.6	1951-61	4,370	Mar. 29, 1951	16.8	24,200	-	1.48
4100	Sofkahatchee Creek near Wetumpka, Ala.....	C9	5.1	1954-61	(e)	Feb. 25, 1961	9.1	1,100	-	-

4110	Coosa River at Jordan Dam, near Wetumpka, Ala.	MS	10,200	1913-14, 1927-61	141,000	Apr. 8, 1938	46.4	298,000	-	1.27
4119	Tallapoosa River at Tallapoosa, Ga.	C10	237	1936-61	7,000	Nov. 29, 1948	27.4	20,000	-	1.05
4120	Tallapoosa River near Heflin, Ala.	C10	444	1949-61	10,000	Feb. 22, 1961	26.4	21,200	16	-
4125	Tallapoosa River near Ofelia, Ala.	C10	787	1920-61	13,900	December 1919	21	-	-	-
				1939-61		Nov. 29, 1948	16.2	24,500	8	-
4130	Little Tallapoosa River at Carrollton, Ga.	C11	89	1936-61	2,610	Nov. 29, 1948	19.3	6,010	22	-
4132	Little Tallapoosa River near Bowden, Ga.	C11	210	1936-61	4,600	Nov. 29, 1948	22.5	9,500	15	-
4134.75	Wedowee Creek near Wedowee, Ala.	C10	51.1	1951-61	2,930	Feb. 25, 1961	13.0	-	-	-
4135	Little Tallapoosa River near Wedowee, Ala.	C10	592	1919	11,900	1919	23	-	-	-
				1940-61		Feb. 25, 1961	22.6	25,500	17	-
4140	Tallapoosa River near Cragford, Ala.	C10	1,460	1923-29	19,800	Jan. 18, 1925	19.6	46,300	24	-
4145	Tallapoosa River at Wadley, Ala.	C9	1,660	1924-61	39,000	Feb. 5, 1936	27.9	52,800	4	-
4148	Harbuck Creek near Hackneyville, Ala.	C9	6.7	1951-61	(e)	May 22, 1955	8.9	-	-	-
				1958-61		Mar. 31, 1961	5.4	1,550	14	-
4150	Hillabee Creek near Hackneyville, Ala.	C9	196	1953-61	8,500	Apr. 5, 1957	25.7	15,600	10	-
4160	Tallapoosa River at Sturdivant, Ala.	-	-	1901-26	-	Dec. 11, 1919	33.3	160,000	-	-
4180	Tallapoosa River at Cherokee Bluffs, near Tallassee, Ala.	C9	3,000	1913,1914, 1923-27	-	Jan. 19, 1925	10.8	87,500	-	-
4185	Tallapoosa River below Tallassee, Ala.	D18	3,320	1929-61	(c)	Mar. 15, 1929	51.4	-	-	-
						Feb. 25, 1961	50.4	128,000	-	-
4190	Uphapee Creek near Tuskegee, Ala.	D18	330	1940-61	9,800	Mar. 21, 1943	27.3	29,600	24	-
4195	Tallapoosa River at Milstead, Ala.	D18	3,750	1898-1902	-	Dec. 30, 1901	47.0	52,000	-	-
4196.25	Calebe Creek near Tuskeegee, Ala.	D16	126	1952-61	8,950	Mar. 7, 1958	17.4	-	-	-
						Mar. 25, 1961	16.5	14,200	5	-
4200	Alabama River near Montgomery, Ala.	MS	15,100	1886-1961	126,000	Apr. 1, 1886	62.7	322,000	-	1.23
4205	Autauga Creek at Prattville, Ala.	D18	109	1919	5,490	Dec. 9, 1919	18.8	23,000	-	1.14
				1939-61		Aug. 17,18, 1939	18.4	21,800	-	1.08
4210	Catoma Creek near Montgomery, Ala.	D16	298	1948,1953-61	14,000	Feb. 25, 1961	28.6	48,600	41	-
4215	Big Swamp Creek near Haynesville, Ala.	D16	123	1939-49	8,900	Nov. 27, 1948	14.7	39,000	-	1.20
4220	Big Swamp Creek near Lowndesboro, Ala.	D16	247	1938,1941-61	12,600	Nov. 27, 1948	21.3	37,000	21	-
4225	Mulberry River at Jones, Ala.	D18	208	1938-61	7,700	April 1938	33.6	48,000	-	1.72
4230	Alabama River at Selma, Ala.	MS	17,100	1886-1961	125,000	Mar. 1, 1961	58.0	284,000	-	1.14
4235	Cahaba River near Acton, Ala.	D16	230	1939-57	12,300	Dec. 28, 1942	44.2	25,500	8	-
4240	Cahaba River at Centerville, Ala.	MS	1,029	1902-7, 1929-32, 1935-61	36,000	Apr. 8, 1938	36.6	-	-	-
						Mar. 29, 1951	-	83,600	11	-
4245	Cahaba River at Sprott, Ala.	MS	1,378	1938-61	31,000	Apr. 9, 1938	28.6	95,000	25	-
						Feb. 23, 1961	28.9	87,100	19	-
4250	Cahaba River near Marion Junction, Ala.	MS	1,768	1939-54	29,700	Aug. 16, 1939	43.0	83,400	19	-
				1939-61		Feb. 24, 1961	43.8	-	-	-
4255	Cedar Creek at Minter, Ala.	D16	217	1953-61	11,800	Feb. 25, 1961	24.6	45,600	-	1.05
4256.55	Mush Creek near Selma, Ala.	D15	45.4	1951-61	8,400	Apr. 11, 1955	-	22,100	15	-
4260	Boguechitto Creek near Browns, Ala.	D18	104	1943-61	5,350	Dec. 28, 1942	20.7	-	-	-
				1944-61		Mar. 29, 1951	19.0	14,200	16	-
4265	Boguechitto Creek at Bogue Chitto, near Orrville, Ala.	D15	197	1939-44	15,000	Aug. 16, 1939	31.2	31,800	8	-
4270	Boguechitto Creek near Orrville, Ala.	D15	292	1943-49	17,500	Dec. 29, 1942	29.4	47,000	16	-
4275	Alabama River near Millers Ferry, Ala.	MS	20,700	1929-61	147,000	Mar. 3, 1961	60.0	284,000	-	1.12
4278.75	Pursley Creek near Camden, Ala.	D16	60.2	1951,1953-61	6,150	Mar. 31, 1961	25.9	11,400	6	-
4280	Alabama River near Coy, Ala.	MS	21,200	1929-34	143,000	Mar. 23, 1929	55.8	269,000	-	1.04
4285	Flat Creek at Fountain, Ala.	D19	245	1944-61	6,400	Nov. 27, 1948	23.2	26,000	-	1.11
4290	Limestone Creek near Monroeville, Ala.	D19	117	1929	4,250	March 1929	22	-	-	-
				1952-61		Feb. 25, 1961	16.3	30,600	-	1.95

See footnotes at end of table.

Table 1.--Maximum stages and discharges at gaging stations--Continued

No.	Gaging station	Flood region and hydrologic area	Drainage area (sq mi)	Period of known floods (water years)	Areal $Q_{2.33}$ (cfs)	Maximum flood				
						Date	Gage height (feet)	Discharge		
								Cfs	Recurrence interval (years)	Ratio to areal Q_{50}
	Mobile River basin--Continued									
4295	Alabama River at Claiborne, Ala.....	MS	22,000	1931-61	137,000	Mar. 7, 1961	b 55.2	267,000	-	1.01
4299	Big Brown Creek near Booneville, Miss.....	-	30.7	1952-61	-	Mar. 8, 1961	99.5	-	-	-
4300	Mackys Creek near Dennis, Miss.....	C9	66	1939-61	3,900	Mar. 21, 1955	28.4	16,300	-	1.54
4305	East Fork Tombigbee River near Marietta, Miss.	C9	305	1938-51	11,700	Feb. 13, 1948	12.4	-	-	-
						Mar. 29, 1951	11.46	21,200	9	-
4308	Red Boot Creek near Fulton, Miss.....	C9	.15	1955-61	(e)	Mar. 21, 1955	18.6	119	-	-
4310	East Fork Tombigbee River near Fulton, Miss.	C9	605	1929-61	19,000	Mar. 22, 1955	25.8	82,200	-	1.59
4315	East Fork Tombigbee River at Beans Ferry, near Fulton, Miss.	C9	699	1927	21,100	December 1926	26.6	-	-	-
				1938-47		Mar. 29, 1944	25.5	30,300	5	-
4320	East Fork Tombigbee River at Ironwood Bluff, near Smithville, Miss.	-	741	1927-55	-	March 1955	28.2	-	-	-
4325	Bull Mountain Creek at Tremont, Miss.....	C9	120	1941-61	6,000	Mar. 21, 1955	11.3	-	-	-
4330	Bull Mountain Creek at Smithville, Miss...	C9	335	1926,1940-61	12,500	Mar. 22, 1955	17.2	40,000	-	1.17
4335	East Fork Tombigbee River at Bigbee, Miss.	C9	1,194	1890-1961	31,000	Mar. 23, 1955	26.2	73,000	25	-
4340	Oldtown Creek at Tupelo, Miss.....	C8	112	1939-61	10,400	Mar. 21, 1955	27.7	23,000	19	-
4342.5	Tishomingo Creek near Saltillo, Miss.....	C8	17.1	1950-61	3,320	Mar. 28, 1951	8.6	4,790	5	-
4345	Euclautubba Creek near Tupelo, Miss.....	C8	19.7	1949-61	3,600	Mar. 21, 1955	14.5	5,750	6	-
4350	Mud Creek at Tupelo, Miss.....	-	92	1939-55	-	Mar. 21, 1955	26.0	f 57,000	-	-
4351	Truck Stop ditch near Tupelo, Miss.....	C8	.22	1955-61	(e)	Apr. 6, 1957	18.3	296	-	-
4353	Cow Pike Pass near Tupelo, Miss.....	C8	.14	1955-61	(e)	Aug. 15, 1961	13.3	284	-	-
4354	Clear Branch near Tupelo, Miss.....	C8	.75	1955-61	(e)	Aug. 15, 1961	6.9	334	-	-
4355	Oldtown Creek near Verona, Miss.....	C8	263	1941-58	17,600	Mar. 21, 1955	29.4	70,000	-	1.46
4358	Coonewar Creek at Shannon, Miss.....	C8	55.6	1952-61	6,800	Mar. 21, 1955	18.7	18,100	45	-
4359.2	Cotton Gin Branch near Tupelo, Miss.....	C8	.23	1955-61	(e)	Apr. 4, 1957	18.7	266	-	-
4359.3	Shell Creek near Tupelo, Miss.....	C8	.20	1955-61	(e)	June 4, 1957	19.9	275	-	-
4360	Chiwapa Creek at Shannon, Miss.....	C8	136	1951-61	11,700	Mar. 21, 1955	15.9	32,400	54	-
4365	West Fork Tombigbee River near Nettleton, Miss.	C8	617	1892-1961	-	Mar. 24, 1955	33.9	151,000	-	1.86
4370	Tombigbee River near Amory, Miss.....	MS	1,941	1937-61	45,300	Mar. 22, 1955	-	126,000	46	-
						Mar. 23, 1955	34.5	-	-	-
4373	Mattubby Creek near Aberdeen, Miss.....	C8	91	1925-61	9,200	January 1937	96.4	15,500	7	-
4375	Tombigbee River at Aberdeen, Miss.....	MS	2,210	1892-1961	26,000	Mar. 25, 1955	42.9	106,000	-	1.03
4380	Buttahatchee River below Hamilton, Ala....	C8	284	1951-61	18,500	Mar. 29, 1951	26.3	24,200	4	-
4385	Buttahatchee River near Hamilton, Ala.....	C8	316	1942-50	19,800	Jan. 6, 1950	28.4	22,800	3	-
4390	Buttahatchee River near Sulligent, Ala....	C9	472	1939-59	16,000	Jan. 8, 1946	-	33,000	14	-
						Jan. 7, 1950	16.4	-	-	-
4395	Buttahatchee River near Caledonia, Miss...	C9	823	1916-51	23,900	July 1916	22.5	-	-	-
				1929-51		Jan. 6, 1949	18.6	30,800	4	-
4398	Cowbell Creek near Houlka, Miss.....	C8	.53	1955-61	(e)	Apr. 12, 1955	9.3	380	-	-
4400	Chookatonchee Creek near Egypt, Miss.....	C8	170	1950-61	13,500	Mar. 28, 1951	10.5	23,200	8	-
						Mar. 21, 1955	11.2	28,300	15	-

4405	Chookatonchee Creek near West Point, Miss.	C8	514	1941-61	26,600	Mar. 29, 1951	23.6	45,800	8	-
4406	Line Creek near Maben, Miss.	C8	65	1952-61	(e)	Mar. 21, 1955	18.4	1,640	-	-
4408	Trim Cane Creek at Starkville, Miss.	C8	39.6	1925-61	5,550	July 1940	27	-	-	-
				1952-61		December 1952	26.9	5,710	2	-
4410	Tibbee Creek near Tibbee, Miss.	C8	928	1892-1961	38,300	December 1926	31.5	-	-	-
				1929-30,1940-61		Mar. 29, 1951	30.8	75,200	12	-
4415	Tombigbee River at Columbus, Miss.	MS	4,490	1867-1961	48,000	Apr. 8, 1892	44.1	268,000	-	1.58
4420	Luxapalila Creek near Fayette, Ala.	C10	127	1945-61	4,900	Jan. 5, 1945	13.8	9,910	14	-
4425	Luxapalila Creek at Millport, Ala.	C10	241	1955-61	7,050	Apr. 4, 1957	11.8	5,060	2	-
4430	Luxapalila Creek at Steens, Miss.	C10	309	1943-47,	8,200	Jan. 6, 1949	19.2	16,000	12	-
				1949-61		Feb. 23, 1961	18.9	14,200	8	-
4440	Coal Fire Creek near Pickensville, Ala.	C12	131	1954-61	2,460	Feb. 22, 1961	10.1	8,110	-	1.21
4445	Tombigbee River near Cochrane, Ala.	MS	5,990	1892-1961	60,000	April 1892	50.2	-	-	-
				1939-61		Jan. 9, 1949	46.9	163,000	30	-
4448.75	Lubbub Creek near Reform, Ala.	C12	80	1951-56	1,760	Mar. 29, 1951	9.3	-	-	-
4450	Lubbub Creek near Carrollton, Ala.	C12	116	1955-61	2,260	Feb. 22, 1961	12.0	8,210	-	1.34
4452.45	New River near Winfield, Ala.	-	55.6	1951-62	-	Feb. 21, 1961	23.88	-	-	-
4455	Sipsey River at Fayette, Ala.	MS	276	1939-59	9,750	Jan. 8, 1946	21.8	20,000	8	-
						Jan. 7, 1950	-	20,500	8	-
						Mar. 29, 1951	-	20,500	8	-
4460	Sipsey River at Moores Bridge, Ala.	MS	403	1939-51	9,650	Jan. 10, 1946	16.8	23,600	12	-
4465	Sipsey River near Elrod, Ala.	MS	518	1930-32,1940-61	9,750	Feb. 23, 1961	18.8	27,800	20	-
4470	Sipsey River near Pleasant Ridge, Ala.	MS	753	1939-59	9,000	Apr. 2, 1951	25.5	21,900	12	-
4475	Noxubee River near Brooksville, Miss.	D19	440	1940-42,	8,800	Mar. 29, 1951	23.9	41,600	-	1.29
				1943-61						
4478	Hashuqua Creek near Macon, Miss.	D19	95.1	1952-61	3,800	Feb. 21, 1961	96.6	6,300	5	-
4480	Noxubee River at Macon, Miss.	D19	812	1893-1961	12,400	Mar. 30, 1951	33.0	52,000	-	1.15
				1892		July 1892	34	-	-	-
4485	Noxubee River near Geiger, Ala.	D19	1,140	1940,1945-61	14,800	Mar. 31, 1951	42.7	37,600	14	-
4490	Tombigbee River at Gainesville, Ala.	MS	8,700	1939-61	74,200	Jan. 11, 1949	b 53.9	168,000	27	-
4500	Mulberry Fork near Garden City, Ala.	C8	368	1928-61	21,700	Feb. 4, 1936	24.0	46,600	17	-
4505	Sipsey Fork near Falls City, Ala.	C8	365	1944-54	21,500	Jan. 8, 1946	29.6	48,400	20	-
4510	Clear Creek at Falls City, Ala.	C9	127	1940-60	6,900	Jan. 8, 1946	11.0	13,000	10	-
4515	Sipsey Fork near Arley, Ala.	C8	529	1936-45	27,000	Feb. 4, 1936	51.0	57,000	15	-
4520	Sipsey Fork near Jasper, Ala.	C8	971	1953-60	39,100	Nov. 19, 1957	b 53.1	47,300	3	-
4525	Sipsey Fork near Sipsey, Ala.	C8	994	1900	40,000	March 1900	62	-	-	-
				1929-37		Feb. 4, 1936	57.0	51,400	4	-
4530	Blackwater Creek near Manchester, Ala.	C9	188	1939-61	8,200	Feb. 23, 1961	13.1	10,600	4	-
4535	Mulberry Fork near Cordova, Ala.	C9	1,927	1900-12	44,000	Mar. 14, 1909	-	60,400	4	-
4539.5	Lost Creek near Jasper, Ala.	C9	112	1951-61	5,700	Mar. 29, 1951	24.8	11,600	13	-
4540	Lost Creek near Oakman, Ala.	C9	130	1952-61	6,350	Feb. 23, 1961	30.7	19,400	-	1.12
4545	Locust Fork below Snead, Ala.	C9	147	1953-61	6,900	Feb. 22, 1961	29.6	12,100	8	-
4550	Locust Fork near Cleveland, Ala.	C8	309	1937-61	19,500	Dec. 28, 1942	19.2	47,000	28	-
4555	Locust Fork at Trafford, Ala.	C8	625	1908	30,000	1908	60	-	-	-
				1931-61		Jan. 6, 1949	59.1	60,700	13	-
4560	Turkey Creek at Morris, Ala.	C14	81.5	1943-61	5,940	Nov. 28, 1948	23.1	14,300	28	-
4565	Locust Fork at Sayre, Ala.	C9	887	1929-32,	25,200	Jan. 7, 1949	-	55,300	18	-
				1942-61		Feb. 23, 1961	48.6	-	-	-
4570	Fivemile Creek at Ketona, Ala.	C14	22.8	1954-61	2,130	Feb. 21, 1961	10.4	-	-	-
4605	Village Creek near Adamsville, Ala.	C14	84.1	1954-61	6,100	Feb. 22, 1961	19.0	13,800	21	-

See footnotes at end of table.

Table 1.--Maximum stages and discharges at gaging stations--Continued

No.	Gaging station	Flood region and hydrologic area	Drainage area (sq mi)	Period of known floods (water years)	Areal $Q_{2.33}$ (cfs)	Maximum flood				
						Date	Gage height (feet)	Discharge		
								Cfs	Recurrence interval (years)	Ratio to areal Q_{50}
				Mobile River basin--Continued						
4620	Valley Creek near Oak Grove, Ala.....	C14	145	1916-61	9,450	July 1916	29.6	-	-	-
				1954-61		Feb. 21, 1961	28.9	23,000	29	-
4625	Black Warrior River at lock 17, near Bessemer, Ala.	MS	3,990	1929-36	83,000	Nov. 15, 1929	79.9	133,000	7	-
4628	Davis Creek below Abernant, Ala.....	C14	45.2	1957-61	3,670	Feb. 21, 1961	18.3	5,800	6	-
4635	Hurricane Creek near Holt, Ala.....	C14	108	1951-61	7,450	Feb. 21, 1961	22.3	16,800	20	-
4640	North River near Samantha, Ala.....	C9	219	1939-61	9,200	Mar. 29, 1951	30.7	18,000	12	-
4645	North River near Tuscaloosa Ala.....	C9	366	1916-61	13,300	Feb. 22, 1961	33.1	27,200	14	-
4650	Black Warrior River at Tuscaloosa, Ala....	MS	4,828	1889-1905,	122,000	Apr. 18, 1900	67.7	-	-	-
				1928-61		Feb. 21, 1961	-	224,000	43	-
4652	Lake Creek near Northport, Ala.....	D19	3.25	1957-61	-	Feb. 21, 1961	3.0	448	-	-
4655	Fivemile Creek near Greensboro, Ala.....	D19	72.2	1955-61	3,260	Feb. 27, 1961	9.8	7,200	9	-
4660	Black Warrior River near Eutaw, Ala.....	MS	5,797	1933-61	82,000	February 1961	60.3	213,000	41	-
4665	Prairie Creek near Gallion, Ala.....	D15	169	1940-52	14,100	Dec. 28, 1942	19.3	39,000	17	-
4670	Tombigbee River at Demopolis lock and dam, near Coatopa, Ala.	MS	15,400	1929-61	117,000	Feb. 28, 1961	35.7	250,000	34	-
4675	Sucarnoochee River at Livingston, Ala.....	D19	606	1939-61	10,500	Feb. 22, 1961	29.4	31,500	23	-
4680	Alamuchee Creek near Cuba, Ala.....	D19	63	1955-61	3,020	Feb. 22, 1961	18.0	12,000	-	1.09
4690	Kinterbish Creek near York, Ala.....	D19	91.4	1955-61	3,700	Feb. 22, 1961	22.2	14,400	-	1.07
4695	Tuckabum Creek near Butler, Ala.....	D19	112	1955-61	4,140	Feb. 22, 1961	20.1	6,830	5	-
4697	Okatuppa Creek at Gilbertown, Ala.....	D19	151	1957-61	4,900	Mar. 31, 1961	15.5	4,460	2	-
4698	Satilpa Creek near Coffeeville, Ala.....	D19	166	1956-61	5,150	July 8, 1956	18.4	25,600	-	1.35
4700	Tombigbee River near Leroy, Ala.....	MS	19,100	1874-1961	125,000	May 1874	51.8	280,000	-	1.10
4701	East Bassett Creek at Walker Springs, Ala.	D19	188	1956-61	5,500	July 8, 1956	12.2	19,300	41	-
4710	Chickasaw Creek near Whistler, Ala.....	D17	123	1951-61	6,800	Apr. 13, 1955	25.4	42,000	-	1.69
				Pascagoula River basin						
4711	Leaf River near Raleigh, Miss.....	D19	143	1940-61	4,780	Feb. 21, 1961	27.0	14,500	25	-
4715	Oakahay Creek at Mize, Miss.....	D19	217	1942-61	6,000	Feb. 21, 1961	15.1	13,000	9	-
4720	Leaf River near Collins, Miss.....	MS	752	1856-1961	15,900	April 1856	33	-	-	-
				1939-61		Feb. 23, 1961	31.6	48,500	25	-
4725	Bowie Creek near Hattiesburg, Miss.....	D19	304	1939-61	7,200	Feb. 22, 1961	26.5	34,800	-	1.32
4730	Leaf River at Hattiesburg, Miss.....	MS	1,760	1900		April 1900	33.6	-	-	-
				1938-61	28,000	Feb. 23, 1961	31.5	72,200	20	-
4735	Tallahala Creek at Laurel, Miss.....	D19	233	1880-1961	6,200	Dec. 9, 1919	26	-	-	-
				1939-61		Feb. 23, 1961	22.3	19,100	26	-
4740	Tallahala Creek near Laurel, Miss.....	D19	149	1941-61	4,880	Feb. 22, 1961	15.0	12,600	14	-
4745	Tallahala Creek near Runnelstown, Miss....	D19	612	1865-1961	10,500	April 1900	30.5	-	-	-
				1940-61		Feb. 24, 1961	24.8	32,800	27	-
4746.5	Buck Creek near Runnelstown, Miss.....	D17	19.1	1951-61	2,800	Feb. 18, 1961	94.9	3,900	4	-
4747.4	Leaf River at Beaumont, Miss.....	MS	3,120	1941-56, 1958-61	42,000	Feb. 25, 1961	32.8	128,000	25	-
4750	Leaf River near McLain, Miss.....	MS	3,510	1900-61	46,200	April 1900	32	-	-	-
				1940-61		Feb. 26, 1961	31.6	128,000	18	-

4750.5	Waterfall Branch near McLain, Miss.....	D17	.65	1955-61	(e)	June 1, 1959	11.0	764	-	-
4753.5	Tarlow Creek near Newton, Miss.....	D17	15.9	1952-61	2,550	Mar. 31, 1961	18.3	4,300	5	-
4755	Chunky Creek near Chunky, Miss.....	D17	368	1939-61	11,500	Feb. 22, 1961	25.6	30,800	16	-
4757	Chunky Creek near Enterprise, Miss.....	-	(b)	1938-61	-	Feb. 22, 1961	34	32,000	-	-
4760	Okatibbee Creek near Meridian, Miss.....	D19	239	1938-61	6,300	April 1938	29.5	-	-	-
				1939-61		Feb. 22, 1961	26.1	27,000	-	1.17
4765	Sowashee Creek at Meridian, Miss.....	D19	51.9	1900-61	2,720	February 1936	g 29.5	-	-	-
				1939-45, 1949-61		Mar. 28, 1951	23.1	8,030	22	-
4770	Chickasawhay River at Enterprise, Miss....	D17	913	1871-1961	17,700	Feb. 23, 1961	37.9	61,700	41	-
4771	Souinlovey Creek near Pachuta, Miss.....	D17	174	1956-61	8,000	Feb. 22, 1961	255.7	18,500	11	-
4771.5	Pachuta Creek at Pachuta, Miss.....	D17	23	1938-61	3,050	1938	268.6	-	-	-
				1952-61		Feb. 22, 1961	268.3	6,000	7	-
4771.9	Chickasawhay River near Quitman, Miss.....	D17	1,210	1900-61	20,400	April 1900	49	-	-	-
				1901-61		Feb. 24, 1961	48.6	61,000	23	-
4773.5	Chickasawhay River at Shubuta, Miss.....	D17	1,460	1900-61	22,400	April 1900	h 47.9	-	-	-
				1905-61		Dec. 11, 1919	44.3	86,000	-	1.05
4775	Chickasawhay River near Waynesboro, Miss..	D19	1,660	1900-61	18,300	April 1900	50	73,000	-	1.10
				1937-61		Feb. 26, 1961	47.9	58,300	21	-
4780	Bucatunna Creek at Denham, Miss.....	D19	468	1900-61	9,100	April 1900	34	-	-	-
				1939-61		Feb. 24, 1961	29.6	20,900	10	-
4783	Chickawawhay River at Old Avera, Miss.....	D19	2,510	1939-43	23,000	Mar. 22, 1943	28.8	30,000	-	-
4785	Chickasawhay River at Leakesville, Miss...	D19	2,680	1900-61	23,800	April 1900	38	-	-	-
				1938-61		Apr. 12, 1938	34.1	68,800	20	-
						Feb. 28, 1961	33.5	73,600	26	-
4790	Pascagoula River at Merrill, Miss.....	MS	6,600	1852-1961	60,000	April 1900	32.5	-	-	-
				1905-61		Feb. 27, 1961	30.7	178,000	23	-
4790.4	Big Creek near Lucedale, Miss.....	D17	22.0	1952-61	2,980	June 1, 1959	95.8	7,000	11	-
4791	Black Creek near Purvis, Miss.....	D17	154	1957-61	7,600	Feb. 18, 1961	28.2	15,700	8	-
4791.4	Walls Creek near Brooklyn, Miss.....	D17	22.3	1951-61	3,000	June 1, 1959	98.3	6,000	7	-
4791.65	Mosquito Branch at Benndale, Miss.....	D17	.22	1955-61	(e)	Apr. 12, 1955	8.3	314	-	-
4791.8	Red Creek at Lumberton, Miss.....	D19	15.6	1951-61	1,400	Feb. 18, 1961	98.7	3,500	13	-
4791.9	Red Creek near Wiggins, Miss.....	D19	168	1952-61	5,200	June 7, 1960	147.5	13,600	15	-
4792	Flint Creek near Wiggins, Miss.....	D19	24.8	1948-61	1,800	Sept.18, 1957	16.2	3,320	6	-
4795	Escatawpa River near Wilmer, Ala.....	D17	506	1946-61	13,300	June 2, 1959	24.7	30,000	10	-
4800	Big Creek near Mobile, Ala.....	D17	86.7	1945-50	5,800	July 12, 1950	17.5	3,460	2	-
				Tchoutacabuffa River basin						
4805	Tuxachanie Creek near Biloxi, Miss.....	D17	92.4	1907-9	6,000	-	23.2	-	-	-
				1953-61		Sept.19, 1957	22.2	17,700	22	-
				Biloxi River basin						
4810	Biloxi River at Wortham, Miss.....	D17	98.3	1948	6,100	1948	23.3	-	-	-
				1952-61		Sept.18, 1957	21.1	7,740	3	-
				Wolf River basin						
4814	Wolf River near Poplarville, Miss.....	D19	71	1916-61	3,230	July 1916	194.5	-	-	-
				1952-61		Feb. 18, 1961	191.7	8,800	17	-
4814.5	Murder Creek near Poplarville, Miss.....	D19	21.6	1952-61	1,670	June 20, 1961	16.5	2,850	5	-
4815	Wolf River near Lyman, Miss.....	D19	253	1945-48,1961	6,500	Mar. 13, 1947	22.1	18,500	20	-

See footnotes at end of table.

Table 1.--Maximum stages and discharges at gaging stations--Continued

No.	Gaging station	Flood region and hydrologic area	Drainage area (sq mi)	Period of known floods (water years)	Areal $Q_{2.33}$ (cfs)	Maximum flood				
						Date	Gage height (feet)	Discharge		
								Cfs	Recurrence interval (years)	Ratio to areal Q_{50}
				Pearl River basin						
4818.1	Tallahaga Creek near Noxapater, Miss.....	D19	53	1952-61	2,750	Apr. 30, 1953	93.9	4,450	5	-
4818.4	Noxapater Creek near Noxapater, Miss.....	D19	33.1	1952-61	2,120	Feb. 18, 1961	94.6	4,100	7	-
4820	Pearl River at Edinburg, Miss.....	MS	898	1902-61	12,000	March 1902	29.0	-	-	-
				1909-61		Mar. 8, 1935	-	31,400	24	-
4825	Lobutcha Creek near Carthage, Miss.....	D19	313	1938-61	7,250	Mar. 29, 1951	18.0	19,100	15	-
4830	Tuscolameta Creek at Walnut Grove, Miss...	D17	411	1939-61	12,100	Jan. 7, 1950	23.0	34,600	20	-
4835	Pearl River near Lena, Miss.....	MS	1,995	1937-53	28,000	Jan. 8, 1950	28.6	46,500	10	-
4840	Yockanookany River near Kosciusko, Miss...	D19	314	1933,1938-61	7,350	Mar. 29, 1951	18.7	19,300	15	-
4845	Yockanookany River near Ofahoma, Miss.....	D19	484	1938-61	9,300	Mar. 31, 1951	20.3	20,700	9	-
4850	Pearl River at Meeks Bridge, near Canton, Miss.	MS	2,780	1933-61	31,000	December 1932	26.4	60,000	17	-
4855	Pelahatchie Creek near Fannin, Miss.....	D17	205	1938-39,1950-61	8,700	January 1950	23.7	27,000	26	-
4856.5	Purple Creek near Jackson, Miss.....	D17	5.85	1952-61	(e)	Apr. 29, 1953	99.9	2,890	-	-
4856.9	Hanging Moss tributary near Tougaloo, Miss.	D17	3.45	1952-61	(e)	Apr. 29, 1953	98.6	1,860	-	-
4857	Hanging Moss Creek near Jackson, Miss.....	D17	16.0	1953-61	2,550	Apr. 29, 1953	99.6	5,320	8	-
4858	Eubanks Creek at Jackson, Miss.....	D17	5.95	1953-61	-	Apr. 29, 1953	12.2	3,100	-	-
4860	Pearl River at Jackson, Miss.....	MS	3,100	1881-1961	-	Apr. 1, 1902	37.2	80,800	-	1.11
4860.5	Town Creek at Jackson, Miss.....	D17	11.3	1953-61	2,180	Apr. 29, 1953	16.6	4,200	7	-
4861	Lynch Creek at Jackson, Miss.....	D17	11.3	1955-61	2,180	June 16, 1958	13.8	4,460	8	-
4866.9	Rhodes Creek near Terry, Miss.....	D17	20.9	1948-61	2,900	Apr. 29, 1953	24.5	4,470	4	-
4873	Strong River near Puckett, Miss.....	D19	190	1950,1955-61	5,580	January 1950	27.1	17,000	25	-
4875	Strong River at Dlo, Miss.....	D19	429	1929-61	8,700	Jan. 7, 1950	33.0	24,800	20	-
4876	Dobbs Creek near Dlo, Miss.....	D19	55.1	1948-61	2,820	Apr. 12, 1955	24.6	7,950	19	-
4876.2	Riles Creek near Mendenhall, Miss.....	D19	25.3	1948-61	3,200	Mar. 23, 1956	23.5	5,870	6	-
4876.7	Boggans ditch near Mendenhall, Miss.....	D19	.99	1955-61	(e)	Apr. 12, 1955	6.9	764	-	-
4876.9	Baking Powder Draw near Prentiss, Miss....	D19	.84	1955-61	(e)	Apr. 12, 1955	4.2	323	-	-
4877.1	Barrets Branch near Pinola, Miss.....	D19	.91	1955,1957-61	(e)	Apr. 12, 1955	13.6	1,200	-	-
4877.5	Big Creek near Pinola, Miss.....	D19	44.0	1948-61	2,480	Apr. 12, 1955	27.4	7,560	25	-
4877.7	Bradleys ditch near Pinola, Miss.....	D19	1.29	1955-61	(e)	Apr. 12, 1955	7.1	516	-	-
4879	Copiah Creek near Hazelhurst, Miss.....	D17	97.5	1948-61	4,350	Dec. 17, 1959	19.8	7,800	6	-
4880	Pearl River near Rockport, Miss.....	MS	4,600	1938-51	37,000	Feb. 20, 1946	34.3	54,600	9	-
4883.4	Small Pine ditch near Monticello, Miss....	D17	.16	1955-61	(e)	Mar. 28, 1961	6.9	245	-	-
4885	Pearl River near Monticello, Miss.....	MS	5,040	1902-61	36,100	April 1902	33	100,000	-	1.23
4885.1	Roadside Park ditch near Monticello, Miss.	D17	.25	1955-61	(e)	Mar. 28, 1961	5.3	217	-	-
4885.5	Goines Draw near Prentiss, Miss.....	D17	.34	1955-61	(e)	Apr. 12, 1955	6.8	402	-	-
4886.8	Plum ditch near Prentiss, Miss.....	D17	.23	1955-61	(e)	Apr. 12, 1955	6.2	211	-	-
4890	Pearl River near Columbia, Miss.....	MS	5,960	1874	40,400	1874	31	-	-	-
				1905-61		June 5, 1909	27.6	79,200	34	-
4890.3	Elmers Draw near Columbia, Miss.....	D17	.91	1955-61	(e)	Apr. 12, 1955	12.2	1,150	-	-
4891.6	Kokomo Draw at Kokomo, Miss.....	D17	1.26	1955-61	(e)	Apr. 12, 1955	8.4	1,320	-	-

4892	Ten Mile Creek near Columbia, Miss.....	D17	39.9	1952-61	4,000	Apr. 12, 1955	19.0	11,300	19	-
4894	Pushepatapa Creek at Varnado, La.....	D17	158	1949-61	7,650	Feb. 22, 1961	49.1	55,700	-	1.99
4895	Pearl River near Bogalusa, La.....	MS	6,630	1938-61	45,900	Apr. 11, 1938	21.0	-	-	-
						Feb. 23, 1961	21.7	88,200	26	-
4900	Bogue Lusa Creek near Franklinton, La.....	D17	12.1	1949-51, 1953-61	2,250	Feb. 21, 1961	11.9	7,400	33	-
4902.5	Bogue Chitto near Brookhaven, Miss.....	D17	30	1952-61	3,470	Mar. 28, 1961	18.6	9,000	15	-
4903	Big Creek at Bogue Chitto, Miss.....	D17	55.2	1952-61	4,650	Apr. 13, 1955	27.1	10,600	10	-
4905	Bogue Chitto near Tylertown, Miss.....	D17	502	1945-61	13,400	Jan. 7, 1950	33.5	45,700	38	-
4905.5	Middle Fork Hickory Flat near Tylertown, Miss.	D17	1.37	1939-61	(e)	Aug. 22, 1953	18.1	2,300	-	-
4907	Union Creek near Tylertown, Miss.....	D17	12.6	1953-61	2,300	Aug. 22, 1953	19.2	12,800	-	1.52
4907.5	McGees Creek at Tylertown, Miss.....	D17	130	1952-61	7,000	Apr. 12, 1955	26.5	12,400	6	-
4915	Bogue Chitto at Franklinton, La.....	D17	985	1900-61	18,500	April 1900	27.6	-	-	-
				1922-61		Mar. 21, 1943	18.5	50,000	17	-
4920	Bogue Chitto near Bush, La.....	D17	1,210	1938-44, 1946-61	20,300	Feb. 23, 1961	17.0	57,000	19	-
4922	Talisheek Creek at Talisheek, La.....	D19	17.3	1951-61	1,470	Dec. 6, 1953	8.5	1,350	2	-
4923.5	East Hobolochitto Creek at Picayune, Miss.	D19	108	1957-61	4,100	May 19, 1958	87.1	6,100	4	-

a Affected by dam failure upstream.
b Drainage area not determined.
c Not determined, floodflow affected by regulation or diversion.
d Adjusted for effect of lakes and ponds.
e Not defined.
f Include flow of Oldtown Creek.
g At site 0.5 mile upstream.
h Present site and datum.

MISCELLANEOUS FLOOD DATA

Table 2.--Peak discharge at miscellaneous sites and unusual floods at short-term gaging stations

No.	Stream and point of determination	Flood region and hydrologic area	Drainage area (sq mi)	Areal $Q_{2.33}$ (cfs)	Maximum flood			
					Date	Discharge		
						Cfs	Recurrence interval (years)	Ratio to areal Q_{50}
	Ogeechee River basin							
1	Ogeechee River at Jewell, Ga.	C12	242	3,720	Mar. 21, 1944	9,650	28	-
	Altamaha River basin							
2	Oconee River 1 mile upstream from Barnett Shoals and 4 miles east of Watkinsville, Ga.	MS	783	10,800	Feb. 28, 1902	26,510	31	-
3	Whitten Creek at State Highway 15, 8½ miles northwest of Sparta, Ga.	C11	15	800	Feb. 24, 1961	3,770	-	1.74
4	Penholoway Creek at U.S. Highway 341, 4 miles southwest of Jesup, Ga.	C13	150	1,520	Apr. 17, 1961	4,300	-	1.04
	St. Johns River basin							
5	Little Econlockhatchee River at county road, 3 miles south of Union Park, Fla.	B6	27.1	420	Mar. 17, 1960	1,640	-	1.30
6	Bull Creek at State Highway 21, 3.1 miles southwest of Middleburg, Fla.	B5	20.4	800	May 20, 1959	2,250	36	-
	Coastal basins between St. Johns River and Lake Okeechobee and the Everglades							
7	Eau Gallie River at highway, 1½ miles west of Eau Gallie, Fla.	A1	2.69	-	Oct. 16, 1956	830	-	-
	Lake Okeechobee and the Everglades							
8	Boggy Creek 2.0 miles upstream from State Highway 530, 5.5 miles southwest of Taft, Fla.	A1	83.6	-	Mar. 18, 1960	3,680	-	-
9	Shingle Creek at State Highway 530, 1 mile northwest of Kissimmee Airport, Fla.	A1	86.4	-	Mar. 18, 1960	3,320	-	-
	Withlacoochee River basin							
10	Withlacoochee River at State Highway 33, 2½ miles north of Eva, Fla.	B7	130	670	Mar. 17, 1960	2,160	-	1.07
11	Little Withlacoochee River at U.S. Highway 301, a quarter of a mile north of Rerdell, Fla.	B7	160	800	Mar. 19, 1960	3,400	-	1.41
	Suwannee River basin							
12	Okapilco Creek near Moultrie, Ga.	A3	27.4	650	Apr. 1, 1948	6,070	-	2.17
13	Okapilco Creek near Moultrie, Ga.	A3	30.8	695	Apr. 1, 1948	6,120	-	2.05
14	Olustee Creek at State Highway 238, 1.5 miles west of Providence, Fla.	B6	150	1,900	May 22, 1959	5,690	49	-
	Ochlockonee River basin							
15	Little Tired Creek near Cairo, Ga.	A2	9.5	-	April 1948	6,540	-	-
	Apalachicola River basin							
16	Soque River at State Highway 197, 7½ miles northwest of Clarkesville, Ga.	C10	34	2,320	June 16, 1949	5,300	22	-

17	Sutton Mill Creek 2 miles northwest of Clarkesville, Ga.....	C10	3.1	-	June 16, 1949	1,200	-	-
18	Big Creek at county bridge, 2.6 miles southeast of Alpharetta, Ga..	C11	72	2,270	Feb. 21, 1961	5,800	36	-
19	Camp Creek at State Highway 85, 5.2 miles north of Fayetteville, Ga.	C11	17.2	880	Feb. 25, 1961	4,000	-	1.67
20	Kinchafoonee Creek 100 ft upstream from State Highway 32, 1 mile southwest of Leesburg, Ga.	C13	586	4,430	Mar. 25, 1908	9,600	18	-
	Choctawhatchee River basin							
21	Judy Creek at Dale County Highway 36, 4 miles east of Ozark, Ala...	C11	102	2,840	Apr. 7, 1957	13,500	-	1.75
22	Choctawhatchee River near Bellwood, Ala.....	C11	1,260	15,000	Jan. 19, 1925	26,600	8	-
	Blackwater River basin							
23	West Fork Big Coldwater Creek 0.6 mile east of Cobbtown, Fla.....	C10	39.5	2,530	Sept.16, 1960	6,250	30	-
	Escambia River basin							
24	Indian Creek at U.S Highway 29, 9 miles west of Troy, Ala.....	C10	8.88	-	Aug. 31, 1961	3,500	-	-
	Mobile River basin							
25	Raccoon Creek at county road, 2 miles southwest of Huntsville, Ala.	C10	24	1,900	Feb. 21, 1961	3,140	7	-
26	Simpson Creek at dam, 1½ miles south of Rockmart, Ga.....	C10	8.0	-	Feb. 21, 1961	1,640	-	-
27	Euharlee Creek at State Route 6, at Rockmart, Ga.....	C10	45	2,730	Feb. 21, 1961	5,920	18	-
28	Euharlee Creek at county road, ½ mile north of Taylorsville, Ga....	C10	125	4,850	Feb. 21, 1961	11,800	30	-
29	Big Wills Creek 3 miles west of Fort Payne, Ala.....	C9	63.0	3,750	Jan. 5, 1949	6,600	8	-
30	Little Wills Creek 2 miles south of Keener, Ala.....	C9	14.1	1,300	Jan. 5, 1949	3,200	30	-
31	North Fork Yellowleaf Creek at Chelsea, Ala.....	D18	23.2	2,460	Feb. 21, 1961	7,800	28	-
32	Muddy Prong Creek near Westover, Ala.....	D18	18	2,160	Feb. 21, 1961	4,870	-	-
33	Sandy Creek at State Highway 49, near Dadeville, Ala.....	C9	156	7,200	Feb. 24, 1961	25,000	-	1.28
34	Hannon Slough at U.S. Highway 231, at Montgomery, Ala.....	D16	2.06	-	Aug. 31, 1961	2,760	-	-
35	Baldwin Slough (branch of) at U.S. Highway 231, at Montgomery, Ala.	D16	1.12	-	Aug. 31, 1961	2,000	-	-
36	Pintla Creek at U.S. Highway 80, near Montgomery, Ala.....	D16	257	12,900	Feb. 25, 1961	54,300	-	1.15
37	Big Swamp Creek in sec.11, T.13 N. R.15 E., near Letohatchee, Ala..	D16	43.7	-	February 1961	29,500	-	-
38	Turkey Creek, 0.6 mile downstream from State Highway 5, and 1.0 mile south of Kimbrough, Ala.	D16	114	8,550	Dec. 10, 1961	39,600	-	1.27
39	Graham (Mud) Creek at State Highway 5, at Lamison, Ala.....	D16	7.89	-	Dec. 10, 1961	6,940	-	-
40	Martin and Goose Creeks at State Highway 5, 2 miles southwest of Lamison, Ala.	D16	26.0	-	Dec. 10, 1961	10,800	-	-
41	Goose Creek at county road, half a mile east of Annemanie, Ala.....	D16	48.6	5,500	Dec. 10, 1961	18,400	35	-
42	Pigeon Creek at U.S. Highway 84, at Gosport, Ala.....	D19	22.6	1,720	July 18, 1956	18,800	-	3.00
43	Bush Creek at U.S. Highway 84, at Gosport, Ala.....	D19	4.5	-	July 18, 1956	4,050	-	-
44	Petty Creek at U.S. Highway 45, 2 miles south of Booneville, Miss..	C9	1.78	-	Mar. 21, 1955	680	-	-
45	Franks Creek at U.S. Highway 45, 1½ miles west of Wheeler, Miss.....	C9	.21	-	Mar. 21, 1955	88	-	-
46	Fivemile Creek at U.S. Highway 45, 2½ miles south of Saltillo, Miss.	C8	1.31	-	Mar. 21, 1955	728	-	-
47	Hodges Creek at U.S. Highway 45, in Tupelo, Miss.....	C8	.097	-	Mar. 21, 1955	127	-	-
48	Cedartree Branch at State Highway 6, 3 miles east of Pontotoc, Miss.	C8	.16	-	Mar. 21, 1955	93	-	-
49	Dry Creek at State Highway 6, 8 miles west of Tupelo, Miss.....	C8	1.39	-	Mar. 21, 1955	975	-	-
50	Jones Creek, 2½ miles west of Epes, Ala.....	D19	11.7	1,200	Feb. 21, 1961	5,160	-	1.18
51	Wolf Creek at State Highway 69, near Oakman, Ala.....	C9	89.1	4,800	Feb. 22, 1961	9,820	14	-
52	Blue Creek at State Highway 69, near Oakman, Ala.....	C9	5.7	-	Feb. 22, 1961	3,820	-	-

Table 2.--Peak discharge at miscellaneous sites and unusual floods at short-term gaging-stations--Continued

No.	Stream and point of determination	Flood region and hydrologic area	Drainage area (sq mi)	Areal $Q_{2.33}$ (cfs)	Maximum flood			
					Date	Discharge		
						Cfs	Recurrence interval (years)	Ratio to areal Q_{50}
	Mobile River basin--Continued							
53	Ponta Creek at U.S. Highway 45, at Lauderdale, Miss.	D19	60	2,950	Feb. 21, 1961	12,100	-	1.21
54	Chickasaw Bogue at U.S. Highway 43, near Linden, Ala.	D15	258	16,700	Mar. 26, 1945	33,000	7	-
55	Horse Creek at county road, 3½ miles south of Sweetwater, Ala.	D16	52.8	5,800	Dec. 10, 1961	25,800	-	1.22
56	Bashi Creek at State Highway 69, 1.6 miles north of Campbell, Ala.	D16	86.3	7,400	Dec. 10, 1961	20,600	18	
57	Ulkinash Creek, 2 miles northwest of Coffeeville, Ala.	D19	31.1	2,050	July 8, 1956	25,500	-	3.41
58	Jackson Creek, 2 miles southwest of Winn, Ala.	D19	42.7	2,450	July 8, 1956	34,000	-	3.81
59	Sister Creek at U.S. Highway 43, 6 miles south of Mount Vernon, Ala.	D17	4.11	-	Apr. 13, 1955	4,110	-	-
60	Cold Creek at U.S. Highway 43, 3 miles north of Axis, Ala.	D17	16.2	2,600	Apr. 13, 1955	5,160	7	-
61	Bayou Sara at U.S. Highway 43, at Saraland, Ala.	D17	23.4	3,100	Apr. 13, 1955	15,000	-	1.33
62	Norton Creek at U.S. Highway 43, half a mile south of Saraland, Ala.	D17	4.15	-	Apr. 13, 1955	6,030	-	-
63	Mobile River at U.S. Highway 90, at Mobile, Ala.	MS	44,000	-	Mar. 10, 1961	533,000	-	-
	Pascagoula River basin							
64	West Tallahala Creek at State Highway 18, 2 miles southeast of Sylvarena, Miss.	D19	155	4,950	Feb. 22, 1961	16,000	31	-
65	Leaf River at Interstate Highway 59, 1 mile west of Moselle, Miss.	D19	1,073	14,400	Feb. 24, 1961	44,700	26	-
66	Bowie Creek at U.S. Highway 84, 14 miles west of Collins, Miss.	D19	57	2,870	Feb. 22, 1961	4,900	5	-
67	Okatoma Creek at State Highway 28, 2¾ miles east of Magee, Miss.	D19	38	2,300	Feb. 21, 1961	9,000	-	1.07
68	Okatoma Creek at Seminary, Miss.	D19	200	5,700	Feb. 22, 1961	17,900	27	-
69	Bowie Creek at Interstate Highway 59, 5 miles north of Hattiesburg, Miss.	D19	656	10,800	Feb. 22, 1961	37,800	42	-
70	East Tallahala Creek at State Highway 528, 11.6 miles east of Bay Springs, Miss.	D19	100	3,900	Feb. 22, 1961	11,200	20	-
71	Tallahala Creek at Interstate Highway 59, at Laurel, Miss.	D19	224	6,050	Feb. 23, 1961	18,700	25	-
72	Tallahoma Creek at Interstate Highway 59, at Ellisville, Miss.	D19	-	-	Feb. 24, 1961	32,800	-	-
73	Bogue Homa Creek at U.S. Highway 84, 6 miles east of Laurel, Miss.	D19	117	4,220	Feb. 22, 1961	11,500	17	-
74	Thompson Creek at State Highway 42, at Richton, Miss.	D17	186	8,300	February 1961	10,500	3	-
75	Big Okitibee Creek at State Highway 594, 3 miles south of Neely, Miss.	D19	4.66	-	June 1, 1959	2,930	-	-
76	Big Okitibee Creek at U.S. Highway 98, near McLain, Miss.	D19	14.0	1,320	June 1, 1959	9,620	-	2.00
77	Holly Creek at U.S. Highway 98, 6.1 miles southeast of McLain, Miss.	D19	1.30	-	May 7, 1960	3,580	-	-
78	Whiskey Creek at State Highway 59, 5½ miles southwest of Merril, Miss.	D19	42.0	2,420	June 1, 1959	16,000	-	1.80
79	Shut Eye Creek at bridge on county road, 5.3 miles southwest of Beaumont, Miss.	D17	1.84	-	June 1, 1959	2,580	-	-
80	Joes Creek at State Highway 29, 7.7 miles southwest of Beaumont, Miss.	D17	7.99	-	June 1, 1959	7,350	-	-
81	Okatibee Creek at county highway, 2 miles west of Center Hill, Miss.	D19	110	4,100	Feb. 22, 1961	11,600	19	-
82	Souinlovey Creek at State Highway 504, 5 miles northeast of Rose Hill, Miss.	D17	104	6,300	Feb. 22, 1961	14,100	10	-

83	Shubuta Creek at county highway, 1½ miles northwest of Shubuta, Miss.	D17	95	6,000	Feb. 21, 1961	8,040	4	-
84	Bucatunna Creek at State Highway 18, 1½ miles east of Sykes, Miss..	D19	120	4,300	Feb. 22, 1961	9,300	9	-
85	Long Creek at State Highway 18, 8 miles northeast of Quitman, Miss.	D19	75	3,330	Feb. 22, 1961	5,710	5	-
86	Bucatanna Creek at U.S. Highway 84, 8.4 miles northeast of Waynesboro, Miss.	D19	411	8,450	Feb. 24, 1961	20,500	12	-
87	Andys Creek at U.S. Highway 98, 11 miles west of Hattiesburg, Miss.	D17	.73	-	Apr. 12, 1955	1,370	-	-
88	Blown Pine ditch at U.S. Highway 98, 9½ miles west of Hattiesburg, Miss.	D17	1.79	-	Apr. 12, 1955	2,260	-	-
89	Black Creek at State Highway 589, 7½ miles northwest of Purvis, Miss.	D17	113	6,550	Feb. 18, 1961	10,500	5	-
90	Boggy Hollow Creek at U.S. Highway 11, 5.9 miles north of Lumberton, Miss.	D17	22.4	3,020	Feb. 18, 1961	7,000	11	-
91	Black Creek at U.S. Highway 49, at Brooklyn, Miss.....	D17	352	11,300	Feb. 18, 1961	21,500	7	-
92	Cypress Creek at State Highway 29, 1.3 miles east of Janice, Miss..	D17	52.2	4,500	1959	22,800	-	1.38
93	Black Creek at State Highway 57, 7.6 miles south of Benndale, Miss.	D17	760	16,300	1949	32,000	7	-
94	Red Creek at county highway at Vestry, Miss.....	D19	416	8,500	Feb. 20, 1961	18,500	9	-
95	Pascagoula River 2.6 miles downstream from Big Black Creek and 4.7 miles southwest of Wade, Miss.	MS	8,150	67,000	Mar. 11, 1961	196,000	22	-
96	Big Creek at Big Creek Reservoir dam, Ala.....	D17	103	-	Apr. 13, 1955	25,800	-	-
	Tchoutacabouffa River basin							
97	Tchoutacabouffa River at State Highway 57, 5 miles north of Biloxi, Miss.	D17	220	9,000	Sept.19, 1957	35,000	-	1.06
	Biloxi River basin							
98	Flat Branch tributary at U.S. Highway 49, 1.5 miles south of Saucier, Miss.	D17	1.07	-	Sept.18, 1957	653	-	-
	Bayou Bernard basin							
99	Bayou Bernard at State Highway 49, 4 miles north of Gulfport, Miss.	D17	15.8	2,550	Sept.18, 1957	6,100	12	-
	Wolf River basin							
100	Wolf River at State Highway 53, 15 miles northwest of Lyman, Miss..	D19	253	6,450	1947	18,500	20	-
	Pearl River basin							
101	Del Rosa drain at Northside Drive, in Jackson, Miss.....	D17	.39	-	July 2, 1959	547	-	-
102	Del Rosa drain tributary at Northside Drive, in Jackson, Miss.....	D17	.14	-	July 2, 1959	331	-	-
103	Crane Creek at Meadow Brook Road, in Jackson, Miss.....	D17	.45	-	Apr. 3, 1957	679	-	-
104	Three Mile Creek at Colonial Drive, in Jackson, Miss.....	D17	.86	-	May 22, 1959	778	-	-
105	Potato ditch at State Highway 20, 3.6 miles east of Georgetown, Miss.	D17	.28	-	Apr. 12, 1955	181	-	-
106	Fair Oak Springs ditch at U.S. Highway 84, 6.6 miles east of Brookhaven, Miss.	D17	.11	-	Apr. 12, 1955	120	-	-
107	Crooked Creek at county road, 4 miles southwest of New Hebron, Miss.	D17	6.19	-	Apr. 4, 1957	5,700	-	-
108	Crooked Creek tributary No. 1 at county road, 4.3 miles southwest of New Hebron, Miss.	D17	.065	-	Apr. 4, 1957	111	-	-
109	Crooked Creek tributary No. 2 at county road, 4.5 miles southwest of New Hebron, Miss.	D17	.045	-	Apr. 4, 1957	83	-	-

Table 2.--Peak discharge at miscellaneous sites and unusual floods at short-term gaging stations--Continued

No.	Stream and point of determination	Flood region and hydrologic area	Drainage area (sq mi)	Areal $Q_{2.33}$ (cfs)	Maximum flood			
					Date	Discharge		
						Cfs	Recurrence interval (years)	Ratio to areal Q_{50}
	Pearl River basin--Continued							
110	Crooked Creek tributary No. 2 at county road, 4.7 miles southwest of New Hebron, Miss.	D17	0.19	-	Apr. 4, 1957	270	-	-
111	Crooked Creek tributary No. 3 at county road, 4.8 miles southwest of New Hebron, Miss.	D17	.13	-	Apr. 4, 1957	124	-	-
112	Crooked Creek tributary No. 4 at county road, 5.3 miles southwest of New Hebron, Miss.	D17	.18	-	Apr. 4, 1957	224	-	-
113	Brodies Draw at U.S. Highway 84, 0.7 mile west of New Hebron, Miss.	D17	.18	-	Apr. 12, 1955	172	-	-
114	New Hebron gulley at county road 1½ miles west of New Hebron, Miss.	D17	2.34	-	Apr. 4, 1957	2,270	-	-
115	Holiday Creek at State Highway 13, ¾ mile south of Goss, Miss.....	D17	77	5,450	Feb. 22, 1961	11,100	4	-
116	Sagebrush Draw at State Highway 13, 8.2 miles north of Columbia, Miss.	D17	.040	-	Apr. 12, 1955	68	-	-
117	Sweetgum ditch at State Highway 13, 8.4 miles north of Columbia, Miss.	D17	1.93	-	Apr. 12, 1955	980	-	-
118	Cattle Draw at U.S. Highway 98, 9.1 miles west of Columbia, Miss...	D17	1.66	-	Apr. 12, 1955	1,100	-	-
119	Upper Little Creek at U.S. Highway 98, 10 miles east of Columbia, Miss.	D17	45	4,200	Feb. 21, 1961	7,570	6	-
120	Tung Tree ditch at U.S. Highway 98, 12 miles northeast of Columbia, Miss.	D17	.040	-	Apr. 12, 1955	96	-	-
121	Stewarts Branch at U.S. Highway 98, 3.8 miles east of Columbia, Miss.	D17	1.32	-	Apr. 12, 1955	1,800	-	-
122	Hurricane Creek at county highway, 10 miles south of Columbia, Miss.	D17	12.8	2,300	Feb. 21, 1961	11,600	-	1.38
123	Leatherwood Creek at county road, 2¼ miles southeast of Homeville, Miss.	D17	34.2	3,700	Aug. 22, 1953	27,800	-	2.06
124	Dry Creek at State Highway 27 in Tylertown, Miss.....	D17	8.4	-	Aug. 22, 1953	9,530	-	-
125	West Hobolochitto Creek at State Highway 26, 7.5 miles southwest of Poplarville, Miss.	D19	92	3,700	Feb. 18, 1961	18,400	-	1.36
126	Pearl River at proposed crossing of Interstate Highway 10, 8.8 miles east of Slidell, La.	MS	-	-	Feb. 26, 1961	133,000	-	-

1997. South Fork Ogeechee River near Crawfordville, Ga.

Location.--Lat 33°31', long 82°55', at State Highway 22, 2¾ miles south of Crawfordville, Taliaferro County.

Drainage area.--33 sq mi, approximately.

Gage.--Crest-stage gage. Datum of gage is 340.97 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Georgia State Highway Department).

Stage-discharge relation.--Defined by current-meter measurements below 1,200 cfs and extended above by logarithmic plotting.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1949	November 1948	a17.13	-	1956	Mar. 16, 1956	10.23	1,260
				1957	Dec. 25, 1956	9.07	984
1951	Dec. 9, 1950	7.75	696	1958	Feb. 6, 1958	9.84	1,150
1952	Mar. 3, 1952	13.40	2,260	1959	February 1959	7.71	675
1953	May 1, 1953	13.72	2,380	1960	Jan. 30, 1960	11.23	1,590
1954	Dec. 14, 1953	(b)	<390				
1955	Feb. 7, 1955	8.06	762	1961	Feb. 25, 1961	14.23	2,580

a From information furnished by local resident.
b Peak stage did not reach bottom of gage.

2001. Little Ogeechee River at Hamburg, Ga.

Location.--Lat 33°12', long 82°47', at State Highway 102 at Hamburg, Washington County.

Drainage area.--55 sq mi, approximately.

Gage.--Crest-stage gage in forebay of Hamburg milldam.

Stage-discharge relation.--Defined by current-meter measurements below 460 cfs and extended above on basis of computation of flow over dam.

Remarks.--Only annual peaks are shown. Storage by small milldam does not materially affect peak discharges.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	July 2, 1951	3.80	230	1957	Mar. 26, 1957	4.02	330
1952	Mar. 4, 1952	5.71	1,820	1958	Apr. 16, 1958	4.30	510
1953	May 1, 1953	6.13	2,340	1959	February 1959	4.20	450
1954	Jan. 16, 1954	3.97	305	1960	Feb. 13, 1960	5.49	1,600
1955	Apr. 9, 1955	4.29	510				
				1961	Feb. 25, 1961	7.37	4,070
1956	Mar. 16, 1956	4.73	830				

2005. Ogeechee River near Louisville, Ga.

Location.--Lat 32°58', long 82°23', at U.S. Highway 1, 1 mile downstream from Louisville & Wadley Railroad bridge, 2 miles south of Louisville, Jefferson County, 2 miles downstream from Rocky Comfort Creek, and 2 miles upstream from Big Creek.

Drainage area.--800 sq mi, approximately.

Gage.--Nonrecording prior to Aug. 30, 1941; recording Aug. 30, 1941, to Dec. 31, 1949; crest-stage gage thereafter. Datum of gage is 199.24 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 17,000 cfs and extended above on basis of slope-conveyance study.

Bankfull stage.--11 ft.

Historical data.--Flood of October 1929 reached a stage of 21.3 ft, from information by Central of Georgia Railway Co., and was the highest flood known to old residents of that area in 1929. The local newspaper, published since 1871, referred to the 1929 flood as the "highest in history."

Remarks.--Base for partial-duration series, 2,800 cfs. Supplemental peaks shown for period 1938-49 only.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1930	October 1929	21.3	46,000	1947	Mar. 10, 1947	15.7	10,700
					Mar. 18, 1947	12.2	2,850
1937	May 2, 1937	16.1	12,800		Apr. 6, 1947	12.3	2,950
					Apr. 18, 1947	12.9	3,630
1938	Apr. 6, 1938	14.0	5,580				
	Apr. 10, 1938	15.2	8,900	1948	Nov. 16, 1947	12.9	3,630
	July 27, 1938	12.2	2,900		Nov. 23, 1947	12.7	3,390
					Dec. 17, 1947	12.9	3,630
1939	Mar. 2, 1939	16.1	12,800		Dec. 25, 1947	13.2	4,030
	Apr. 1, 1939	12.3	3,010		Dec. 30, 1947	12.2	2,850
	Apr. 3, 1939	12.5	3,250		Feb. 4, 1948	12.8	3,510
	July 24, 1939	14.2	6,000		Feb. 12, 1948	14.8	7,500
					Feb. 15, 1948	14.1	5,600
1940	Jan. 19, 1940	12.5	3,170		Feb. 26, 1948	12.3	2,950
	Feb. 15, 1940	12.2	2,880		Mar. 10, 1948	14.2	5,850
	Feb. 22, 1940	12.6	3,280		Mar. 20, 1948	13.8	5,000
	Aug. 16, 1940	17.6	20,600		Mar. 27, 1948	13.2	4,030
					Apr. 2, 1948	13.0	3,760
1941	July 19, 1941	12.2	2,880		Apr. 4, 1948	13.5	4,480
					Apr. 9, 1948	13.5	4,480
1942	Dec. 28, 1941	13.5	4,480		Sept. 8, 1948	13.1	3,890
	Jan. 7, 1942	12.8	3,510				
	Feb. 21, 1942	13.4	4,320	1949	Dec. 1, 1948	16.5	14,500
	Mar. 24, 1942	16.2	13,000		Dec. 11, 1948	12.9	3,630
					Jan. 3, 1949	13.4	4,320
1943	Jan. 23, 1943	14.5	6,600		Feb. 13, 1949	13.9	5,200
	Feb. 1, 1943	12.8	3,510		Feb. 23, 1949	12.5	3,170
	Mar. 10, 1943	12.4	3,070				
	Mar. 24, 1943	15.4	9,500	1950	Oct. 12, 1949	12.8	3,510
1944	Feb. 20, 1944	12.4	3,070	1951	Apr. 1, 1951	-	a2,400
	Feb. 23, 1944	13.0	3,760	1952	Mar. 10, 1952	16.6	15,000
	Mar. 11, 1944	13.3	4,170	1953	May 2, 1953	16.1	12,500
	Mar. 24, 1944	16.9	16,500	1954	Jan. 18, 1954	11.4	2,120
	Apr. 2, 1944	12.8	3,510	1955	Apr. 13, 1955	13.2	4,030
	May 1, 1944	12.9	3,630				
				1956	Mar. 23, 1956	14.5	6,600
1945	Feb. 28, 1945	10.6	1,650	1957	Apr. 5, 1957	12.3	2,950
	May 1, 1945	10.6	1,650	1958	Apr. 22, 1958	14.6	6,900
				1959	Apr. 14, 1959	12.9	3,630
1946	Dec. 30, 1945	13.2	4,030	1960	Feb. 2, 1960	15.6	10,300
	Jan. 21, 1946	12.3	2,950				
				1961	Feb. 25, 1961	17.0	17,000
1947	Jan. 24, 1947	13.4	4,320				

a Estimated on basis of records at Scarboro.

2009. Big Creek near Louisville, Ga.

Location.--Lat 32°59', long 82°21', at State Highway 17, 3¼ miles southeast of Louisville, Jefferson County.

Drainage area.--95.8 sq mi.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 470 cfs and extended above by logarithmic plotting.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	July 1951	4.00	328	1957	Dec. 23, 1956	4.19	370
1952	Mar. 3, 1952	4.63	472	1958	July 7, 1958	4.93	548
1953	May 2, 1953	4.53	448	1959	May 31, 1959	4.09	349
1954	May 13, 1954	3.66	261	1960	Apr. 4, 1960	5.27	640
1955	Apr. 14, 1955	5.18	610	1961	Apr. 16, 1961	5.42	670
1956	Mar. 16, 1956	4.96	548				

2020. Ogeechee River at Scarboro, Ga.

Location.--Lat 32°42'40", long 81°52'45", on left bank 15 ft downstream from highway bridge at Scarboro, Jenkins County, 3½ miles downstream from Sculls Creek, 6½ miles upstream from Horse Creek, and 7½ miles southeast of Millen.

Drainage area.--1,940 sq mi, approximately.

Gage.--Nonrecording prior to Dec. 18, 1941; recording thereafter. Datum of gage is 111.81 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 24,000 cfs.

Bankfull stage.--6 ft.

Historical data.--From information furnished by Mr. T. F. Yarbrough, agent for Central of Georgia Railroad Co. during the period 1912-1942, the flood of October 1929 reached a stage of 17.0 ft and was referred to by the oldest residents as being the greatest in memory. From this same information source, a flood in 1925 reached a stage of 15.9 ft.

Remarks.--Base for partial-duration series, 3,500 cfs. Only annual peaks are shown prior to 1942.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1937	May 6, 1937	10.71	12,900	1944	Apr. 30, 1944	8.93	6,110
1938	Apr. 14, 1938	10.38	11,600				
1939	Mar. 5, 1939	12.12	20,600	1945	Feb. 26, 1945	7.64	3,030
1940	Aug. 17, 1940	12.8	24,600	1946	Jan. 4, 1946	9.00	6,250
1941	July 24, 1941	8.9	6,320		Jan. 20, 1946	9.08	6,540
1942	Dec. 29, 1941	10.0	10,100	1947	Jan. 29, 1947	8.32	4,420
	Feb. 26, 1942	8.98	6,400		Mar. 11, 1947	9.95	9,450
	Mar. 12, 1942	10.18	10,900		Apr. 17, 1947	9.53	7,970
	Mar. 28, 1942	10.9	14,000				
	Apr. 14, 1942	8.74	5,540	1948	Nov. 28, 1947	9.22	6,840
	May 26, 1942	8.20	4,300		Dec. 18, 19, 1947	10.10	10,000
					Feb. 16, 1948	10.28	11,000
1943	Jan. 23, 1943	10.19	10,500		Mar. 13, 14, 1948	10.40	11,400
	Mar. 11, 1943	8.58	5,160		Mar. 20, 1948	10.30	11,000
	Mar. 28, 1943	10.5	11,900		Apr. 4, 1948	11.20	15,500
					Sept.12, 1948	-	a5,000
1944	Jan. 20, 1944	8.06	3,850				
	Feb. 27, 1944	8.68	5,420	1949	Dec. 5, 1948	11.2	15,500
	Mar. 27, 1944	12.8	24,600		Jan. 9, 1949	9.2	6,840

a Estimated.

Peak stages and discharges of Ogeechee River at Scarboro, Ga.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1949	Feb. 16, 1949	9.79	7,970	1958	Oct. 9, 1957	8.30	4,420
					Dec. 3, 1957	8.82	5,690
1950	Mar. 19, 1950	7.26	2,430		Feb. 16, 1958	8.60	5,160
					Apr. 23, 1958	9.48	7,800
1951	Apr. 3, 4, 1951	8.00	3,740				
				1959	Feb. 15, 1959	8.93	6,110
1952	Feb. 21, 1952	8.10	3,960		Mar. 10, 11, 1959	9.14	6,690
	Mar. 11, 1952	10.32	11,000		Apr. 5, 1959	9.10	6,540
	Mar. 31, 1952	9.58	8,140				
				1960	Oct. 19, 1959	9.05	6,400
1953	Mar. 6, 1953	9.20	6,840		Nov. 2, 1959	9.57	7,920
	May 9, 1953	11.0	14,400		Dec. 21, 1959	8.11	3,960
					Jan. 17, 1960	8.39	4,660
1954	Oct. 2, 1953	-	a3,600		Feb. 6, 1960	10.8	13,400
	Jan. 3, 1954	7.88	3,530		Feb. 16, 17, 1960	10.8	13,400
					Apr. 7, 1960	11.9	19,400
1955	Apr. 19, 1955	8.97	6,110				
				1961	Mar. 3, 1961	11.2	15,500
1956	Feb. 17, 1956	8.14	4,080		Mar. 16, 1961	8.25	4,300
	Mar. 24, 1956	9.34	7,310		Apr. 7, 1961	9.88	9,250
	Apr. 21, 1956	8.37	4,540		Apr. 18, 19, 1961	11.6	17,700
					May 5, 1961	8.70	5,420
1957	Apr. 6, 1957	7.74	3,220		May 29, 30, 1961	8.12	3,960

a Estimated.

2025. Ogeechee River near Eden, Ga.

Location.--Lat 32°10', long 81°25', on right bank 600 ft downstream from bridge on U.S. Highways 25, 80, and 280, 2 miles west of Eden, Effingham County, 2 miles upstream from Seaboard Air Line Railroad bridge, and 3 miles upstream from Black Creek.

Drainage area.--2,650 sq mi, approximately.

Gage.--Nonrecording prior to Oct. 1, 1939; recording thereafter. Datum of gage is 19.64 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 23,000 cfs.

Bankfull stage.--8.0 ft.

Remarks.--Base for partial-duration series, 4,800 cfs. Only annual peaks are shown prior to 1940.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1925	January 1925	a19.5	-	1945	Mar. 4, 5, 1945	8.14	3,980
1930	October 1929	a20.0	-	1946	Jan. 26, 1946	10.3	7,620
1936	April 1936	a15.2	30,000	1947	Mar. 19, 1947	12.1	14,200
1937	May 11, 1937	11.55	11,400		Apr. 20, 1947	11.4	11,200
1938	Apr. 19, 1938	11.52	10,800				
1939	Mar. 8, 9, 1939	14.2	23,700	1948	Nov. 5, 1947	10.0	7,100
					Nov. 27, 1947	10.7	8,900
1940	Feb. 26, 1940	9.2	6,000		Dec. 24, 1947	12.2	14,600
	Aug. 23, 1940	13.8	20,200		Feb. 14-17, 1948	11.7	12,400
					Mar. 17, 1948	12.4	15,600
1941	July 3, 1941	8.9	5,060		Apr. 3, 1948	13.3	20,900
	July 30, 1941	9.3	5,700				
				1949	Dec. 9, 10, 1948	12.8	17,800
1942	Jan. 4, 1942	11.1	9,560		Feb. 20, 21, 1949	10.7	8,900
	Mar. 18, 1942	11.3	10,100				
	Apr. 1, 1942	12.2	13,100	1950	Sept. 10, 1950	8.1	3,800
1943	Feb. 1, 1943	10.7	8,540	1951	Apr. 3, 1951	8.9	5,000
	Apr. 1, 2, 1943	11.5	10,700				
				1952	Feb. 28, 1952	9.1	5,360
1944	Mar. 31, 1944	14.7	26,300		Mar. 16, 1952	11.6	12,000
	Apr. 29, 1944	11.2	9,840		Apr. 5, 1952	10.6	8,600

a From Central of Georgia Railway Co.

Peak stages and discharges of Ogeechee River near Eden, Ga.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1953	Mar. 11, 1953	10.6	8,600	1958	Mar. 12-14, 1958	10.6	9,200
	Mar. 25, 1953	10.8	9,200		Apr. 19, 20, 1958	10.5	8,900
	May 14, 1953	12.4	15,600				
				1959	Feb. 20, 1959	10.2	7,350
1954	Oct. 8, 9, 1953	8.9	5,000		Mar. 9, 10, 1959	10.4	7,850
	Jan. 1, 1954	9.0	5,180		Apr. 8, 1959	10.2	7,600
1955	Apr. 24, 1955	9.5	6,100	1960	Nov. 7, 8, 1959	10.8	9,200
					Dec. 25, 1959	9.6	6,300
1956	Mar. 30, 1956	9.8	6,700		Jan. 2, 3, 1960	9.2	5,540
					Feb. 20, 21, 1960	12.7	16,400
1957	Apr. 13, 1957	8.2	3,920		Apr. 10, 11, 1960	14.0	24,000
1958	Oct. 14, 1957	9.0	5,180	1961	Mar. 8, 1961	12.4	15,000
	Dec. 2, 4, 1957	10.0	7,600		Mar. 24, 1961	9.1	5,360
	Feb. 5, 1958	9.2	5,540		Apr. 22, 1961	13.4	21,200
	Feb. 22, 1958	9.1	5,360		May 11, 1961	9.4	5,900

2028. Canoochee Creek near Swainsboro, Ga.

Location.--Lat 32°36', long 82°15', at U.S. Highway 80 (State Highway 26), 4¾ miles east of Swainsboro, Emanuel County.

Drainage area.--55 sq mi, approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 1,400 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Apr. 1, 1951	4.66	368	1957	June 1957	5.05	472
1952	Feb. 20, 1952	5.39	570	1958	Oct. 4, 1957	5.30	540
1953	Sept. 27, 1953	6.94	1,360	1959	Mar. 8, 1959	5.71	680
1954	Jan. 1, 1954	4.70	385	1960	Apr. 5, 1960	7.04	1,440
1955	Apr. 15, 1955	5.93	780				
				1961	Apr. 16, 1961	6.43	1,020
1956	Feb. 6, 1956	4.58	350				

2030. Canoochee River near Claxton, Ga.

Location.--Lat 32°11'05", long 81°53'25", on right bank 400 ft upstream from bridge on State Highway 73, 2 miles northeast of Claxton, Evans County, and 10 miles upstream from Lotts Creek.

Drainage area.--555 sq mi.

Gage.--Nonrecording prior to Oct. 20, 1949; recording thereafter. Datum of gage is 80.5 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Georgia State Highway Department).

Stage-discharge relation.--Defined by current-meter measurements below 6,400 cfs and extended above by logarithmic plotting.

Bankfull stage.--9 ft.

Remarks.--Base for partial-duration series, 1,800 cfs.

Peak stages and discharges of Canoochee River near Claxton, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	Apr. 13, 1938	10.5	2,580	1949	Dec. 10, 1948	11.8	4,160
	July 23, 1938	10.4	2,520		Feb. 10, 1949	9.4	1,890
					Sept. 4, 1949	10.2	2,310
1939	Feb. 28, Mar. 1, 1939	13.8	11,600	1950	Sept. 9, 1950	8.9	1,710
1940	Aug. 17, 1940	12.9	7,690	1951	Jan. 2, 1951	10.2	2,310
					Apr. 1, 1951	10.9	2,840
1941	July 5, 1941	9.8	2,070				
	July 21, 1941	12.2	5,200	1952	Feb. 21, 1952	9.8	2,070
	July 25, 1941	10.8	2,820		Mar. 15, 1952	9.6	1,970
					Mar. 29, 1952	9.9	2,130
1942	Mar. 9, 1942	10.8	2,820				
	Mar. 31, 1942	10.5	2,560	1953	Mar. 1, 1953	11.5	3,590
					Mar. 25, 1953	9.9	2,130
1943	Mar. 25, 1943	10.5	2,560		May 6, 1953	10.5	2,520
					Sept.28, 1953	13.7	8,500
1944	Jan. 17, 1944	10.2	2,290				
	Feb. 17, 1944	10.2	2,290	1954	Oct. 6, 1953	11.5	2,940
	Mar. 9, 1944	10.6	2,580		Jan. 1, 1954	9.7	2,020
	Mar. 25, 1944	13.3	9,350				
	Apr. 17, 1944	12.3	5,510	1955	Sept.17, 1955	11.0	2,620
	Apr. 29, 1944	12.1	4,910				
				1956	May 7, 1956	11.3	2,830
1945	Oct. 25, 1944	9.5	1,880				
				1957	May 27, 1957	11.2	2,760
1946	Jan. 22, 1946	10.0	2,190		July 30, 1957	10.4	2,230
1947	Mar. 12, 1947	11.2	3,170	1958	Dec. 2, 1957	11.0	2,840
	Apr. 6, 1947	9.8	2,070		Mar. 11, 1958	12.0	3,500
	Apr. 20, 1947	11.4	3,470		Apr. 8, 1958	11.6	3,100
1948	Nov. 5, 1947	10.9	2,840	1959	Feb. 7, 1959	10.6	2,290
	Nov. 14, 1947	10.8	2,750		Mar. 7, 8, 1959	13.2	5,700
	Dec. 20, 1947	11.8	4,160		Apr. 6, 1959	11.5	3,010
	Feb. 2, 1948	10.0	2,190				
	Feb. 12, 1948	12.3	5,510	1960	Nov. 1, 1959	10.2	2,030
	Feb. 26, 1948	10.2	2,310		Dec. 21, 1959	11.9	3,400
	Mar. 11, 1948	13.1	8,500		Feb. 15, 1960	12.8	4,900
	Apr. 2, 1948	13.9	12,100		Apr. 7, 1960	13.5	6,400
	May 31, 1948	10.6	2,590				
				1961	Apr. 19, 1961	12.9	4,800
1949	Dec. 3, 1948	11.7	3,950				

2035. Canoochee River near Groveland, Ga.

Location.--Lat 32°05'55", long 81°43'45", on upstream side of Moodys Bridge, 3.3 miles south of Groveland, Bryan County, and 6.0 miles downstream from Lotts Creek.

Drainage area.--921 sq mi.

Gage.--Nonrecording. Altitude of gage is 45 ft above mean sea level (from topographic map).

Stage-discharge relation.--Defined by current-meter measurements below 4,200 cfs and extended above by logarithmic plotting.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1903	Sept. 17, 18, 1903	18.2	6,500	1906	June 17, 1906	17.2	5,500
1904	Feb. 13, 1904	15.4	4,300	1907	July 5, 1907	16.6	4,750
1905	Feb. 18, 1905	14.8	4,080	1908	Oct. 2, 1907	16.1	a4,560

a Maximum during period October to December 1907.

2038. South River at Atlanta, Ga.

Location.--Lat 33°41', long 84°18', at Bouldercrest Drive, at Atlanta, De Kalb County.

Drainage area.--41.5 sq mi.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 4,500 cfs and extended above by logarithmic plotting.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Feb. 21, 1951	6.15	1,810	1957	Apr. 5, 1957	7.64	2,800
1952	Dec. 21, 1951	7.21	2,460	1958	Feb. 6, 1958	(a)	b1,670
1953	July 16, 1953	7.12	2,380	1959	May 31, 1959	(a)	b1,400
1954	Jan. 22, 1954	4.96	1,390	1960	Jan. 30, 1960	9.79	5,700
1955	Feb. 6, 1955	5.70	1,640	1961	Feb. 25, 1961	11.09	8,000
1956	Mar. 16, 1956	7.66	2,900				

a Peak stage did not reach bottom of gage.
b Estimated.

2039. South River near Atlanta, Ga.

Location.--Lat 33°40', long 84°13', on Flakes Mill road, 8 miles east of Atlanta city limits, De Kalb County.

Drainage area.--99 sq mi, approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Feb. 21, 1951	8.66	2,990	1957	Apr. 5, 1957	9.8?	3,760
1952	Dec. 21, 1951	10.75	4,460	1958	Feb. 6, 1958	8.72	2,990
1953	Apr. 30, 1953	8.62	2,920	1959	May 31, 1959	8.0?	2,500
1954	Jan. 22, 1954	7.78	2,360	1960	Apr. 4, 1960	10.76	4,460
1955	Feb. 6, 1955	9.30	3,410	1961	Feb. 25, 1961	21.30	12,500
1956	Mar. 16, 1956	13.71	6,930				

2043. Indian Creek near Stockbridge, Ga.

Location.--Lat 33°32', long 84°12', at State Highway 42, 2½ miles southeast of Stockbridge, Henry County.

Drainage area.--50 sq mi, approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	July 29, 1951	7.17	548	1957	Apr. 4, 1957	9.55	1,960
1952	Mar. 3, 1952	9.47	1,900	1958	Feb. 6, 1958	7.97	805
1953	May 1, 1953	7.88	780	1959	March 1959	7.38	610
1954	Jan. 16, 1954	8.01	830	1960	Apr. 4, 1960	9.04	1,550
1955	Apr. 15, 1955	7.30	585	1961	Feb. 25, 1961	12.37	3,640
1956	Mar. 16, 1956	9.80	2,080				

2045. South River near McDonough, Ga.

Location.--Lat 33°30', long 84°01', at Butler Bridge, a quarter of a mile upstream from Beech Creek, 2 miles downstream from Big Walnut Creek, 4½ miles downstream from Cotton River, and 9 miles northeast of McDonough, Henry County.

Drainage area.--456 sq mi.

Gage.--Recording prior to Oct. 6, 1960; crest-stage gage thereafter. Datum of gage is 564.99 ft above mean sea level, datum of 1929 (Corps of Engineers bench mark).

Stage-discharge relation.--Defined by current-meter measurements below 20,000 cfs and extended above by logarithmic plotting.

Bankfull stage.--13 ft.

Remarks.--Base for partial-duration series, 5,000 cfs. Only annual peak is shown for 1961.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1940	Mar. 14, 1940	11.1	3,700	1949	Dec. 30, 1948	13.2	5,140
					Apr. 30, 1949	16.3	8,420
1941	Dec. 29, 1940	11.2	3,760				
				1950	Sept. 9, 1950	13.6	5,460
1942	Dec. 24, 1941	13.5	5,290				
	Dec. 26, 1941	13.4	5,200	1951	Feb. 22, 1951	11.2	3,800
	Mar. 21, 1942	23.9	31,000				
				1952	Dec. 22, 1951	15.5	7,400
1943	Jan. 19, 1943	19.3	14,500		Mar. 4, 1952	18.4	12,300
	Mar. 21, 1943	16.4	8,560		Mar. 12, 1952	15.2	7,040
	Apr. 20, 1943	15.3	7,160		Mar. 24, 1952	14.7	6,500
1944	Mar. 30, 1944	15.2	7,040	1953	May 1, 1953	14.0	5,800
	Apr. 28, 1944	16.0	8,000				
				1954	Dec. 5, 1953	13.4	5,300
1945	Apr. 25, 1945	21.8	22,300				
				1955	Feb. 7, 1955	12.5	4,630
1946	Dec. 26, 1945	16.1	8,140				
	Jan. 7, 1946	24.7	34,500	1956	Mar. 17, 1956	18.7	13,000
	Mar. 29, 1946	13.9	5,710		Apr. 16, 1956	14.5	6,300
					Sept.26, 1956	16.4	8,560
1947	Jan. 20, 1947	17.5	10,400				
	Mar. 8, 1947	15.7	7,640	1957	Apr. 6, 1957	18.2	11,800
1948	Nov. 12, 1947	14.8	6,600	1958	Nov. 24, 1957	13.6	5,460
	Feb. 10, 1948	15.7	7,520		Feb. 7, 1958	16.6	8,860
	Mar. 7, 1948	14.2	6,000				
	Mar. 24, 1948	17.7	10,800	1959	May 31, 1959	13.2	5,140
	May 30, 1948	14.0	5,800				
	July 15, 1948	14.8	6,600	1960	Jan. 31, 1960	16.2	8,280
					Apr. 4, 1960	16.0	8,000
1949	Nov. 24, 1948	14.8	6,600				
	Nov. 29, 1948	22.5	24,900	1961	Feb. 25, 1961	25.4	29,500

2050. Wildcat Creek near Lawrenceville, Ga.

Location.--Lat 34°00'00", long 84°00'20", on left bank 75 ft upstream from highway bridge, 0.7 mile upstream from mouth, 1.1 miles east of State Highway 20, and 3¼ miles north of Lawrenceville, Gwinnett County.

Drainage area.--1.59 sq mi.

Gage.--Recording. Altitude of gage is 970 ft (by barometer).

Stage-discharge relation.--Defined by current-meter measurements below 30 cfs and extended above on basis of slope-area measurements at 345 cfs and 806 cfs.

Remarks.--Base for partial-duration series, 40 cfs.

Peak stages and discharges of Wildcat Creek near Lawrenceville, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1954	Jan. 16, 1954	4.95	345	1958	Apr. 15, 1958	2.10	42
	Jan. 22, 1954	2.42	82				
	Feb. 20, 1954	1.82	43	1959	June 1, 1959	2.78	92
1955	Feb. 6, 1955	4.25	240	1960	Jan. 30, 1960	2.24	53
					Feb. 5, 1960	2.14	44
1956	Mar. 16, 1956	4.13	228		June 7, 1960	2.42	62
	May 6, 1956	8.20	806				
	June 19, 1956	3.14	125	1961	Feb. 21, 1961	2.39	61
	July 4, 1956	3.01	110		Feb. 25, 1961	4.96	330
	July 8, 1956	2.89	101		Mar. 31, 1961	2.35	58
	July 15, 1956	3.06	115		Apr. 12, 1961	2.11	43
	Sept.25, 1956	2.32	56		June 21, 1961	2.36	59
					Aug. 24, 1961	2.28	54
1957	Apr. 5, 1957	2.54	73				

2055. Pew Creek near Lawrenceville, Ga.

Location.--Lat 33°56'05", long 84°01'00", on right bank 20 ft upstream from highway bridge, 1 mile upstream from Redland Creek, and 2¼ miles southwest of Lawrenceville, Gwinnett County.

Drainage area.--2.23 sq mi.

Gage.--Recording. Altitude at gage is 930 ft (by barometer).

Stage-discharge relation.--Defined by current-meter measurements below 80 cfs and extended above on basis of slope-area measurement at 480 cfs.

Remarks.--Base for partial-duration series, 65 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1954	Jan. 16, 1954	5.95	480	1960	Oct. 14, 1959	2.67	76
					Jan. 30, 1960	2.90	95
1955	Feb. 6, 1955	4.30	273		Apr. 4, 1960	3.44	150
1956	Mar. 16, 1956	-	a350	1961	Feb. 20, 1961	5.65	424
	Apr. 15, 1956	2.46	101		Feb. 23, 1961	3.69	178
	May 3, 1956	4.28	273		Feb. 25, 1961	6.35	532
	May 6, 1956	6.01	480		Mar. 8, 1961	3.13	117
	June 19, 1956	2.57	108		Mar. 31, 1961	5.33	384
	July 8, 1956	2.17	79		Apr. 9, 1961	2.98	102
	July 15, 1956	6.96	615		Apr. 12, 1961	4.88	332
	Sept.25, 1956	2.02	67		Apr. 15, 1961	3.03	107
					Apr. 27, 1961	4.57	286
1957	Apr. 5, 1957	2.67	115		May 10, 1961	2.94	94
					June 21, 1961	5.20	371
1958	Apr. 15, 1958	2.02	67		June 26, 1961	3.63	172
					Aug. 24, 1961	3.17	121
1959	May 30, 1959	2.82	88				
	June 1, 1959	6.30	519				

a Estimated.

2060. Shetley Creek near Norcross, Ga.

Location.--Lat 33°57'20", long 84°09'40", on right bank 150 ft upstream from highway bridge, 1 mile upstream from mouth, and 2.8 miles east of Norcross, Gwinnett County.

Drainage area.--0.98 sq mi.

Gage.--Recording. Altitude of gage is 890 ft (from topographic map).

Stage-discharge relation.--Defined by current-meter measurements below 30 cfs and extended above on basis of slope-area measurements at 440 cfs and 2,320 cfs.

Remarks.--Base for partial-duration series, 90 cfs.

Peak stages and discharges of Shetley Creek near Norcross, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1954	Jan. 16, 1954	6.37	442	1957	Apr. 5, 1957	2.98	142
	Jan. 22, 1954	4.17	236				
	June 18, 1954	3.70	194	1958	Nov. 25, 1957	2.58	112
					July 13, 1958	2.50	104
1955	Feb. 6, 1955	3.02	142				
				1959	July 20, 1959	3.53	59
1956	Mar. 16, 1956	5.47	353				
	Apr. 16, 1956	2.48	102	1960	Apr. 3, 1960	3.75	76
	May 6, 1956	7.00	610				
	July 15, 1956	2.37	93	1961	Feb. 21, 1961	10.4	a2,320
	Sept.25, 1956	2.38	94				

a Affected by dam failure upstream.

2065. Yellow River near Snellville, Ga.

Location.--Lat 33°51', long 84°05', at county highway bridge, 3½ miles west of Snellville, Gwinnett County, 4 miles downstream from Sweetwater Creek, 6½ miles northeast of town of Stone Mountain, and 7½ miles upstream from Stone Mountain Creek.

Drainage area.--134 sq mi.

Gage.--Nonrecording prior to Nov. 4, 1952; recording thereafter. Altitude of gage is 810 ft (by barometer).

Stage-discharge relation.--Defined by current-meter measurements below 6,000 cfs and extended above by logarithmic plotting.

Bankfull stage.--13 ft.

Remarks.--Base for partial-duration series, 2,100 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1943	Jan. 19, 1943	11.3	3,180	1952	Mar. 4, 1952	8.8	2,420
	Mar. 20, 1943	10.2	2,760		Mar. 11, 1952	9.8	2,760
	Apr. 19, 1943	13.3	4,000		Mar. 23, 1952	8.9	2,450
1944	Mar. 29, 1944	9.8	2,760	1953	Jan. 10, 1953	11.0	3,180
	Apr. 27, 1944	8.3	2,250				
				1954	Jan. 17, 1954	13.5	4,100
1945	Apr. 25, 1945	10.5	3,000				
				1955	Feb. 7, 1955	11.6	3,400
1946	Jan. 6, 1946	10.4	2,970				
	Feb. 10, 1946	8.1	2,180	1956	Mar. 17, 1956	15.5	5,500
	Mar. 29, 1946	13.4	4,050		May 7, 1956	17.9	7,600
					July 16, 1956	11.3	3,290
1947	Jan. 20, 1947	14.1	4,370				
				1957	Apr. 5, 1957	10.4	2,970
1948	Nov. 12, 1947	9.1	2,520				
	Feb. 8, 1948	9.1	2,520	1958	Apr. 16, 1958	5.3	1,280
	Mar. 23, 1948	9.6	2,690				
				1959	May 31, 1959	5.7	1,400
1949	Nov. 29, 1948	19.4	9,500				
	Jan. 6, 1949	7.9	2,110	1960	Jan. 31, 1960	9.0	2,480
	Feb. 9, 1949	8.8	2,420		Apr. 4, 1960	8.3	2,250
1950	Sept. 8, 1950	7.65	2,030	1961	Feb. 22, 1961	10.8	3,140
					Feb. 25, 1961	19.1	9,080
1951	Oct. 20, 1950	6.20	1,560		June 21, 1961	8.5	2,320
1952	Dec. 21, 1951	15.6	5,570				

2070. Garner Creek near Snellville, Ga.

Location.--Lat 33°51'45", long 84°05'50", on left bank 100 ft downstream from highway culvert, 0.9 mile upstream from mouth, and 4½ miles west of Snellville, Gwinnett County.

Drainage area.--5.54 sq mi.

Gage.--Recording. Altitude of gage is 830 ft (from topographic map).

Stage-discharge relation.--Defined by current-meter measurements below 63 cfs and extended above on basis of culvert measurement at 696 cfs and slope-area measurement at 1,630 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1954	Jan. 16, 1954	2.98	694	1958	Feb. 27, 1958	1.74	189
1955	Feb. 6, 1955	2.62	510	1959	July 16, 1959	1.89	232
				1960	Apr. 3, 1960	2.42	418
1956	Mar. 16, 1956	3.09	754				
1957	Apr. 5, 1957	2.35	390	1961	Feb. 25, 1961	4.3	1,630

2075. Yellow River near Covington, Ga.

Location.--Lat 33°37', long 83°55', at bridge on State Highway 12, a quarter of a mile downstream from Georgia Railroad bridge, half a mile downstream from Gum Creek, and 3½ miles northwest of Covington, Newton County.

Drainage area.--378 sq mi.

Gage.--Nonrecording prior to June 30, 1944; recording July 1, 1944, to Sept. 30, 1960; crest-stage gage thereafter. Datum of gage is 616.99 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--6 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1936	Apr. 7, 1936	a29.9	-	1953	Jan. 11, 1953	13.6	5,420
				1954	Jan. 18, 1954	12.1	4,300
1945	Apr. 26, 1945	16.4	8,180	1955	Feb. 8, 1955	12.4	4,510
1946	Jan. 7, 1946	18.6	12,000	1956	Mar. 17, 1956	15.6	7,220
1947	Jan. 21, 1947	14.6	6,480	1957	Apr. 6, 1957	13.5	5,340
1948	Feb. 10, 1948	15.2	6,820	1958	Feb. 7, 1958	10.6	3,350
1949	Nov. 29, 1948	20.3	16,200	1959	June 1, 1959	10.1	3,080
1950	Sept. 9, 1950	11.5	3,900	1960	Feb. 1, 1960	13.6	5,420
1951	Oct. 21, 1950	8.89	2,480	1961	Feb. 26, 1961	19.1	13,100
1952	Dec. 23, 1957	14.4	6,080				

a From Georgia State Highway Department.

2090. Alcovy River below Covington, Ga.

Location.--Lat 33°31', long 83°49', near bridge on county road, 600 ft downstream from Henderson Mill, 4 miles downstream from Central of Georgia Railway bridge, and 7 miles southeast of Covington, Newton County.

Drainage area.--244 sq mi.

Gage.--Nonrecording prior to June 27, 1944; recording June 27, 1944, to Jan. 17, 1949; crest-stage gage thereafter. Prior to June 27, 1944, at site 300 ft upstream at datum about 0.7 ft lower. All stages adjusted to present datum. Altitude of gage is 600 ft (from Corps of Engineers profile).

Stage-discharge relation.--Defined by current-meter measurements below 7,200 cfs and extended above by logarithmic plotting.

Bankfull stage.--10 ft.

Historical data.--The peak stage and date of great floods since 1887 are marked on the wall of Henderson Mill, which is 600 ft above gage. These marks have been converted to present site and gage datum and are listed in the tabulation of annual peaks for 1887, 1919, and 1936.

Remarks.--Records for 1929-32 from Corps of Engineers. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1887	July 30, 1887	27.2	12,400	1949	Nov. 29, 1948	21.3	8,270
				1950	-	(a)	<1,300
1920	Dec. 10, 1919	23.0	9,460				
				1951	-	(a)	<1,300
1929	Mar. 6, 1929	-	8,410	1952	March 1952	11.5	2,980
1930	Oct. 3, 1929	-	4,590	1953	January 1953	9.26	2,160
				1954	Jan. 22, 1954	7.19	1,440
1931	May 8, 1931	-	1,410	1955	June 1955	7.61	1,560
1932	Feb. 23, 1932	-	2,080				
				1956	March 1956	10.8	2,700
1936	Apr. 16, 1936	22.4	9,040	1957	April 1957	10.8	2,700
				1958	Feb. 7, 1958	7.47	1,530
1945	Apr. 26, 1945	14.4	4,470	1959	May 31, 1959	8.02	1,700
				1960	Jan. 30, 1960	9.56	2,260
1946	Jan. 8, 1946	20.2	7,520				
1947	Jan. 21, 1947	12.7	3,600	1961	Feb. 26, 1961	16.88	5,540
1948	Feb. 10, 1948	13.8	3,980				

a Peak stage did not reach bottom of gage.

2105. Ocmulgee River near Jackson, Ga.

Location.--Lat 33°18', long 83°50', on right bank 500 ft upstream from bridge on State Highway 16, half a mile upstream from Yellow Water Creek, 1 mile downstream from Lloyd Shoals Dam, 7 miles east of Jackson, Butts County, and at mile 247.4.

Drainage area.--1,420 sq mi, approximately.

Gage.--Nonrecording 1906-12, 1914-15; recording Aug. 3, 1939, to Sept. 30, 1960; crest-stage gage thereafter. Datum of gage is 419.29 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 46,000 cfs and extended above on basis of determination of flow over Lloyd Shoals Dam at 69,000 cfs.

Bankfull stage.--14 ft.

Remarks.--Flow is regulated by Lloyd Shoals Reservoir which was put in operation in 1910. Because of the severe regulation and poor stage-discharge definition, records for the period 1906-15 are not presented in this report. Only annual peaks are shown.

Peak stages and discharges of Ocmulgee River near Jackson, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1912	Mar. 16, 1912	a20.8	45,500	1950	Sept. 9, 1950	9.35	12,000
1920	Dec. 11, 1919	26.8	69,000	1951	February 1951	5.95	3,710
				1952	Mar. 4, 1952	15.1	27,100
1940	July 14, 1940	10.0	11,900	1953	May 1, 1953	9.26	11,500
				1954	Dec. 13, 1953	8.2	9,080
1941	Mar. 27, 1941	5.87	3,300	1955	Feb. 9, 1955	7.09	6,250
1942	Mar. 21, 1942	20.8	45,500				
1943	Jan. 19, 1943	15.3	27,700	1956	Mar. 18, 1956	12.4	19,600
1944	Mar. 23, 1944	13.2	21,500	1957	Apr. 5, 1957	12.5	19,800
1945	Apr. 26, 1945	16.1	30,100	1958	Feb. 7, 1958	11.5	17,200
				1959	June 2, 1959	15.4	28,000
1946	Jan. 8, 1946	20.8	45,500	1960	Mar. 30, 1960	11.6	17,500
1947	Jan. 21, 1947	13.6	22,900				
1948	Feb. 10, 1948	12.9	20,900	1961	Feb. 26, 1961	20.1	43,100
1949	Nov. 28, 1948	23.9	56,600				

a Maximum observed.

2115. Towaliga River near Forsyth, Ga.

Location.--Lat 33°07', long 83°57', at bridge on State Highway 42, a quarter of a mile downstream from Rocky Creek, 1¼ miles downstream from Little Towaliga River, and 6 miles north of Forsyth, Monroe County.

Drainage area.--315 sq mi.

Gage.--Recording prior to Jan. 1, 1950; crest-stage gage thereafter. Feb. 1, 1929, to Apr. 30, 1932, at site half a mile downstream at different datum. Altitude of present gage is 410 ft (from Corps of Engineers profile).

Stage-discharge relation.--defined by current-meter measurements below 14,000 cfs at former site. Defined by current-meter measurements below 7,000 cfs at present site and extended above on basis of records for former site.

Bankfull stage.--13 ft.

Remarks.--Records for 1929-31 from Corps of Engineers. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	Mar. 15, 1929	-	a15,900	1952	March 1952	19.28	10,900
1930	Oct. 2, 1929	-	a13,500	1953	Apr. 30, 1953	12.25	4,590
				1954	-	(b)	<4,000
1931	Nov. 17, 1930	-	a3,980	1955	-	(b)	<4,000
1945	Apr. 26, 1945	15.8	7,320	1956	Sept.27, 1956	13.63	5,520
				1957	Dec. 24, 1956	15.21	6,780
1946	Jan. 7, 1946	16.2	7,700	1958	November 1957	12.3	4,650
1947	Mar. 7, 1947	16.4	7,900	1959	May 30, 1959	17.18	8,700
1948	Feb. 10, 1948	11.4	4,110	1960	-	(b)	<4,000
1949	Nov. 27, 1948	20.9	13,200				
1950	-	(b)	<4,000	1961	Feb. 26, 1961	17.99	9,500
1951	-	(b)	<4,000				

a Maximum daily discharge.
b Peak stage did not reach bottom of gage.

2125. Ocmulgee River at Juliette, Ga.

Location.--Lat 33°05'50", long 83°47'10", on left bank 1 mile downstream from Juliette Cotton Mills at Juliette, Monroe County, and 2½ miles downstream from Towaliga River.

Drainage area.--1,960 sq mi.

Gage.--Recording. Altitude of gage is 340 ft (from Corps of Engineers profile).

Stage-discharge relation.--Defined by current-meter measurements below 41,000 cfs and extended above by logarithmic plotting.

Historical data.--The flood of May 1886 reached a stage of about 32 ft, from floodmarks furnished by local residents in 1916 and is the highest known flood.

Remarks.--Flow is regulated by Lloyd Shoals Reservoir which was put in operation in 1910. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1886	May 1886	32.0	55,800	1919	Dec. 23, 1918	27.4	28,100
				1920	Dec. 11, 1919	30.8	52,900
1916	July 10, 1916	26.4	42,400				
1917	Mar. 27, 1917	20.2	27,600	1921	Feb. 11, 1921	22.8	33,800
1918	Jan. 30, 1918	14.2	15,300				

2130. Ocmulgee River at Macon, Ga.

Location.--Lat 32°51', long 83°34', at downstream end of center pier of Fifth Street Bridge in Macon, Bibb County, 1½ miles upstream from Walnut Creek and at mile 205.0.

Drainage area.--2,240 sq mi, approximately. At site used October 1895 to May 1899, 2,350 sq mi, approximately.

Gage.--Nonrecording prior to Oct. 1, 1931; recording thereafter. At various sites within 2 miles of present site at about present datum prior to Oct. 9, 1905, and Jan. 11, 1925, to Apr. 15, 1926. Datum of gage is 269.80 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--18 ft.

Remarks.--Flood records prior to 1910 may not be consistent with subsequent records due to regulation by Lloyd Shoals Reservoir near Jackson, usable capacity 77,000 acre-ft, completed in 1910, and for this reason are not presented in this report. Base for partial-duration series, 14,000 cfs. Only annual peaks are shown prior to 1948.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1887	August 1887	a24.0	55,000	1924	Sept. 30, 1924	18.4	21,000
				1925	Jan. 19, 1925	b26.0	72,500
1910	Mar. 1, 1910	20.2	28,800				
				1926	Mar. 31, 1926	20.1	28,300
1911	Aug. 5, 1911	12.1	8,940	1927	Mar. 12, 1927	13.0	7,900
1912	Mar. 16, 1912	22.7	44,800	1928	Aug. 16, 1928	23.0	47,100
1913	Mar. 16, 1913	23.5	51,000	1929	Feb. 28, 1929	26.1	73,400
1914	Jan. 3, 1914	8.4	4,800	1930	Oct. 2, 1929	25.1	64,400
1915	Jan. 19, 1915	17.8	19,100				
				1931	Apr. 1, 1931	14.9	10,700
1916	July 11, 1916	23.1	47,800	1932	Feb. 4, 1932	18.1	19,600
1917	Apr. 6, 1917	19.5	25,400	1933	Feb. 20, 1933	17.9	17,300
1918	Jan. 31, 1918	15.9	14,300	1934	Mar. 6, 1934	17.3	17,000
1919	Feb. 26, 1919	20.6	31,000	1935	Oct. 12, 1934	18.9	24,300
1920	Dec. 11, 1919	25.3	66,200				
				1936	Apr. 9, 1936	25.2	63,700
1921	Feb. 11, 1921	21.6	37,000	1937	Apr. 30, 1937	21.0	33,300
1922	Mar. 11, 1922	23.2	48,600	1938	Apr. 7, 1938	20.6	31,000
1923	May 30, 1923	20.1	28,300	1939	Mar. 1, 1939	21.1	33,900

a From U.S. Weather Bureau.
b From floodmark at Fifth Street Bridge.

Peak stages and discharges of Ocmulgee River at Macon, Ga.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1940	Feb. 18, 1940	16.4	13,200	1953	May 1, 1953	22.7	38,400
1941	Dec. 28, 1940	12.7	7,300	1954	Dec. 14, 1953	17.1	13,800
1942	Mar. 22, 1942	26.1	73,400				
1943	Mar. 22, 1943	22.7	44,800	1955	Apr. 14, 1955	16.3	11,800
1944	Mar. 20, 1944	23.4	50,200				
1945	Apr. 27, 1945	22.1	40,400	1956	Mar. 19, 1956	19.0	19,700
					Apr. 17, 1956	17.9	16,000
1946	Jan. 8, 1946	24.3	57,600		Sept.27, 1956	18.2	16,900
1947	Mar. 9, 1947	21.8	32,600				
				1957	Dec. 25, 1956	20.2	24,400
1948	Nov. 12, 1947	17.7	15,400		Mar. 25, 1957	17.9	16,000
	Feb. 11, 1948	20.1	24,000		Apr. 7, 1957	19.9	23,200
	Mar. 8, 1948	18.2	16,900		May 13, 1957	17.6	15,100
	Mar. 18, 1948	17.8	15,700				
	Mar. 25, 1948	18.5	17,900	1958	Feb. 8, 1958	19.5	21,600
	Apr. 1, 1948	18.6	18,200		Apr. 16, 1958	17.7	15,400
1949	Nov. 29, 1948	28.0	83,500	1959	June 3, 1959	20.9	27,500
	Dec. 30, 1948	17.5	14,800				
	May 2, 1949	18.6	18,200	1960	Feb. 1, 1960	19.0	19,700
					Feb. 14, 1960	17.6	15,100
1950	Sept.10, 1950	15.0	9,340		Mar. 31, 1960	19.5	21,600
					Apr. 5, 1960	18.8	19,000
1951	Apr. 23, 1951	13.2	6,940				
				1961	Feb.20,21,1961	20.0	23,600
1952	Mar. 5, 1952	23.9	46,800		Feb. 26, 1961	24.1	48,200
	Mar. 12, 1952	18.8	19,000		Mar. 7, 1961	17.2	14,000
	Mar. 25, 1952	22.0	33,800		Apr. 2, 1961	20.4	25,300

2135. Tobesofkee Creek near Macon, Ga.

Location.--Lat 32°48', long 83°46', on right bank at downstream end of pier of bridge on U.S. Highway 80, 8 miles west of Macon, Bibb County, and 14 miles upstream from mouth.

Drainage area.--182 sq mi.

Gage.--Nonrecording prior to Aug. 28, 1942; recording thereafter. Datum of gage is 309.98 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 6,300 cfs.

Bankfull stage.--17 ft.

Remarks.--Base for partial-duration series, 1,900 cfs. Only annual peaks are shown prior to 1943.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	Apr. 8, 1938	16.3	4,860	1948	Nov. 12, 1947	11.6	2,450
1939	Mar. 1, 1939	15.0	4,260		Feb. 9, 1948	10.0	1,900
1940	Feb. 19, 1940	10.6	2,220		Apr. 2, 1948	10.8	2,160
1941	Dec. 28, 1940	5.4	851	1949	Nov. 28, 1948	20.5	7,550
1942	Dec. 24, 1941	21.4	8,270		Feb. 10, 1949	11.4	2,370
					Apr. 30, 1949	10.4	2,000
1943	Dec. 29, 1942	14.9	3,950				
	Jan. 19, 1943	13.6	3,330	1950	Mar. 7, 1950	7.70	1,290
	Jan. 29, 1943	10.4	2,150				
	Mar. 19, 1943	11.1	2,390	1951	Apr. 23, 1951	8.13	1,380
	Mar. 22, 1943	18.0	5,700				
				1952	Mar. 5, 1952	18.0	5,700
1944	Mar. 21, 1944	23.2	9,830		Mar. 12, 1952	10.6	2,090
	Mar. 23, 1944	18.8	6,260		Mar. 23, 1952	15.7	4,290
	Mar. 29, 1944	16.0	4,500				
	Apr. 28, 1944	10.2	2,090	1953	May 1, 1953	20.8	7,790
					May 4, 1953	14.3	3,590
1945	Apr. 25, 1945	10.2	2,090		Sept.27, 1953	11.4	2,370
1946	Dec. 26, 1945	13.2	3,170	1954	Dec. 6, 1953	8.9	1,580
1947	Jan. 15, 1947	10.0	2,040	1955	Apr. 14, 1955	11.0	2,090
	Mar. 8, 1947	15.1	4,050		May 23, 1955	10.7	1,980

Peak stages and discharges of Tobesofkee Creek near Macon, Ga.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1956	Mar. 16, 1956	10.1	1,930	1960	Jan. 30, 1960	10.0	1,900
					Feb. 13, 1960	11.3	2,340
1957	Dec. 25, 1956	10.8	2,160		Mar. 31, 1960	12.8	2,920
	Mar. 26, 1957	11.2	2,520		Apr. 4, 1960	11.3	2,340
	May 4, 1957	15.2	4,040				
	May 12, 1957	11.0	2,230	1961	Feb. 20, 1961	12.2	2,680
					Feb. 25, 1961	20.3	7,390
1958	Feb. 8, 1958	10.2	1,960		Mar. 8, 1961	11.2	2,300
	Mar. 7, 1958	11.8	2,520		Apr. 1, 1961	13.8	3,350
					Apr. 15, 1961	10.7	2,130
1959	Feb. 4, 1959	11.0	2,230				
	June 2, 1959	10.2	1,960				

2140. Echeconnee Creek near Macon, Ga.

Location.--Lat 32°46', long 83°51', at Marshall Mill Bridge, 13 miles southwest of Macon, Bibb County, and 18 miles upstream from mouth.

Drainage area.--147 sq mi.

Gage.--Nonrecording prior to July 20, 1950; crest-stage gage thereafter.

Stage-discharge relation.--Defined by current-meter measurements below 7,000 cfs and extended above by logarithmic plotting.

Bankfull stage.--5 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	Apr. 7, 1938	11.6	5,720	1954	Dec. 5, 1953	7.61	2,010
1939	Feb. 28, 1939	10.9	4,380	1955	Apr. 14, 1955	9.26	2,920
1940	Feb. 18, 1940	10.3	3,620				
				1956	Sept.26, 1956	7.34	1,860
1941	July 12, 1941	6.95	1,710	1957	May 4, 1957	11.8	5,900
1942	Mar. 22, 1942	12.8	8,760	1958	Apr. 6, 1958	10.6	4,060
1943	Mar. 21, 1943	12.6	8,160	1959	Mar. 24, 1959	8.96	2,740
				1960	Mar. 3, 1960	9.27	2,920
1951	Apr. 4, 1951	7.58	2,010				
1952	Mar. 24, 1952	12.0	6,400	1961	Feb. 25, 1961	13.4	9,840
1953	May 1, 1953	15.0	15,000				

2145. Big Indian Creek at Perry, Ga.

Location.--Lat 32°27', long 83°44', at municipal waterworks at Perry, Houston County, on left bank 300 ft downstream from bridge on U.S. Highway 41, 1 mile downstream from Bay Creek, and $3\frac{1}{4}$ miles upstream from Flat Creek.

Drainage area.--108 sq mi.

Gage.--Nonrecording prior to Sept. 24, 1953; recording thereafter. Datum of gage is 279.39 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 1,200 cfs and extended above by logarithmic plotting.

Bankfull stage.--3 ft.

Remarks.--Base for partial-duration series, 500 cfs.

Peak stages and discharges of Big Indian Creek at Perry, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1944	Mar. 23, 1944	8.6	3,000	1952	May 30, 1952	6.2	1,110
	Mar. 30, 1944	6.4	1,200				
	Apr. 23, 1944	8.6	3,000	1953	Sept.27, 1953	4.75	490
	Apr. 27, 1944	8.1	2,520				
				1954	Dec. 14, 1953	4.70	474
1945	Feb. 21, 1945	4.4	386				
	July 16, 1945	4.4	386	1955	Apr. 15, 1955	7.34	1,420
1946	Jan. 16, 1946	6.2	1,110	1956	Feb. 7, 1956	3.68	254
	June 2, 1946	5.0	574				
				1957	May 5, 1957	5.97	840
1947	Apr. 15, 1947	5.9	960		June 5, 1957	4.90	506
	May 2, 1947	5.6	820		July 28, 1957	4.92	506
1948	Oct. 18, 1947	4.8	506	1958	Mar. 8, 1958	5.63	718
	Jan. 25, 1948	5.0	574		July 20, 1958	6.48	1,040
	Feb. 10, 1948	5.6	820				
	Apr. 2, 1948	5.3	775	1959	Feb. 5, 1959	5.13	568
	Apr. 7, 1948	5.0	690		Feb. 9, 1959	5.08	555
					Mar. 6, 1959	5.02	530
1949	Nov. 29, 1948	6.1	1,060				
	Feb. 11, 1949	6.2	1,110	1960	Feb. 11, 1960	5.92	805
	Feb. 20, 1949	5.9	1,060		Feb. 14, 1960	6.24	940
	Apr. 30, 1949	4.9	610		Mar. 4, 1960	4.90	506
					Mar. 31, 1960	5.02	530
1950	June 1, 1950	3.7	268		Apr. 5, 1960	6.42	1,000
1951	Dec. 30, 1950	3.0	193	1961	Feb. 21, 1961	4.92	506
					Apr. 1, 1961	7.04	1,280
1952	Mar. 24, 1952	5.4	730		Apr. 13, 1961	6.12	880

2150. Ocmulgee River at Hawkinsville, Ga.

Location.--Lat 32°17', long 83°28', at bridge on U.S. Highway 341 at Hawkinsville, Pulaski County, a quarter of a mile downstream from Southern Railway Bridge, 2¼ miles downstream from Jordan Creek, and at mile 135.1.

Drainage area.--3,800 sq mi, approximately.

Gage.--Nonrecording. Datum of gage is 189.56 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--12 ft.

Historical data.--Unpublished U.S. Weather Bureau information indicates that the flood of 1925 was probably the highest since at least 1841.

Remarks.--Stage records for 1909-43 and 1960-61 from U.S. Weather Bureau. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1877	August 1877	a34.9	70,500	1922	Mar. 14, 1922	29.0	44,000
				1923	June 2, 1923	25.1	30,300
1909	Mar. 17, 1909	26.7	35,400	1924	Jan. 24, 1924	18.1	15,200
1910	Mar. 6, 1910	20.3	18,800	1925	Jan. 21, 1925	36.5	79,000
1911	Apr. 19, 1911	9.2	5,920	1926	Apr. 5, 1926	20.6	19,300
1912	Mar. 19, 1912	29.1	44,400	1927	Mar. 16, 1927	11.4	7,580
1913	Mar. 19, 1913	31.0	52,000	1928	Aug. 19, 1928	28.6	42,400
1914	Mar. 3, 1914	9.1	5,850	1929	Mar. 8, 1929	34.9	70,500
1915	Jan. 23, 1915	21.0	20,100	1930	Oct. 6, 1929	30.5	50,000
1916	July 14, 1916	28.1	40,400	1931	Nov. 22, 1930	15.9	12,200
1917	Mar. 9, 1917	24.0	27,000	1932	Jan. 13, 1932	18.8	16,200
1918	Feb. 5, 1918	17.5	14,300	1933	Feb. 25, 1933	20.9	19,900
1919	Mar. 1, 1919	28.0	40,000	1934	Mar. 10, 1934	19.5	17,400
1920	Dec. 15, 1919	29.3	45,200	1935	Oct. 17, 1934	16.9	13,500
1921	Feb. 15, 1921	25.0	30,000	1936	Apr. 12, 1936	33.0	61,000

a From U.S. Weather Bureau.

Peak stages and discharges of Ocmulgee River at Hawkinsville, Ga.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1937	May 5, 1937	23.5	25,800	1950	Mar. 13, 1950	13.0	9,030
1938	Apr. 11, 1938	26.0	33,000				
1939	Mar. 4, 1939	27.4	37,900	1951	Apr. 29, 1951	10.7	7,010
1940	Feb. 24, 1940	16.8	13,300	1952	Mar. 9, 1952	26.6	35,100
				1953	May 7, 1953	25.8	32,400
1941	July 19, 1941	10.6	6,930	1954	Dec.18,19,1953	16.9	13,500
1942	Mar. 25, 1942	32.1	57,000	1955	Apr. 20, 1955	14.8	10,900
1943	Mar. 25, 1943	28.4	41,600				
1944	Mar. 26, 1944	29.7	46,800	1956	Mar. 22, 1956	19.7	17,700
1945	May 1, 1945	23.7	28,400	1957	Apr. 11, 1957	20.0	18,200
				1958	Mar. 12, 1958	20.4	19,000
1946	Jan. 12, 1946	26.7	37,100	1959	June 7, 1959	19.5	17,400
1947	Mar. 12, 1947	26.5	36,500	1960	Apr. 5, 1960	23.6	26,000
1948	Feb. 15, 1948	24.4	28,200				
1949	Dec. 2, 1948	34.4	68,000	1961	Mar. 2, 1961	30.0	48,000

2155. Ocmulgee River at Lumber City, Ga.

Location.--Lat 31°55', long 82°40', on downstream side of left pier of draw-span of bridge on U.S. Highway 341 at Lumber City, Telfair County, 500 ft downstream from Southern Railway Bridge, 1 mile upstream from Little Ocmulgee River, and at mile 11.7.

Drainage area.--5,180 sq mi, approximately.

Gage.--Nonrecording prior to Nov. 8, 1937; recording thereafter. Datum of gage is 87.48 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 67,000 cfs and extended above on basis of records of peak flow for stations on Oconee, Ocmulgee, and Altamaha Rivers. Stage-discharge relation affected by backwater after rises of over 19 ft.

Bankfull stage.--15 ft.

Historical data.--Flood of March 1891 reached a stage of 22.0 ft and was the highest flood known by local residents at the time the gage was installed in 1908. Unpublished U.S. Weather Bureau information indicates that the flood of 1925 was probably the highest since at least 1841.

Remarks.--Stage records for 1909-36 from U.S. Weather Bureau. Base for partial-duration series, 15,000 cfs. Only annual peaks are shown prior to 1937.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1891	March 1891	21.6	65,200	1926	Apr. 11, 1926	13.4	17,800
	March 1891	22.0	-	1927	July 30, 1927	10.6	11,200
				1928	Aug. 21, 1928	20.2	56,500
1909	Mar. 23, 1909	17.7	39,800		Aug. 22, 1928	20.3	-
1910	Mar. 12, 1910	12.1	14,200	1929	Mar. 11, 1929	23.0	75,800
					Mar. 12, 1929	23.5	-
1911	Aug. 31, 1911	17.2	36,600	1930	Oct. 10, 1929	19.9	54,700
1912	Mar. 24, 1912	19.3	50,900		Oct. 10, 1929	20.0	-
1913	Mar. 22, 1913	20.5	58,300				
	Mar. 23, 1913	21.1	-	1931	Nov. 21, 1930	10.7	11,400
1914	Mar. 9, 1914	9.8	9,960	1932	Jan. 20, 1932	11.5	12,900
1915	Jan. 29, 1915	13.5	18,200	1933	Mar. 3, 1933	14.1	20,300
				1934	Mar. 18, 1934	13.7	18,800
1916	July 19, 1916	17.2	36,600	1935	Mar. 26, 1935	9.9	10,100
1917	Apr. 6, 1917	15.2	25,100				
1918	Feb. 13, 1918	11.4	12,700	1936	Apr. 15, 1936	22.2	69,500
1919	Mar. 5, 1919	18.8	47,500		Apr. 16, 1936	22.7	-
1920	Apr. 7, 1920	16.8	34,000				
				1937	Jan. 17, 1937	13.9	19,600
1921	Feb. 21, 1921	15.0	24,100		Feb. 22, 1937	12.9	18,100
1922	Mar. 16, 1922	18.5	45,400		May 11, 1937	14.2	20,700
1923	June 7, 1923	17.2	36,600				
1924	Mar. 8, 1924	14.0	19,900	1938	Apr. 17, 1938	16.8	34,500
1925	Jan. 21, 1925	25.7	98,400				
	Jan. 21, 1925	26.3	-	1939	Mar. 9, 1939	18.3	43,800

Peak stages and discharges of Ocmulgee River at Lumber City, Ga.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1940	Mar. 1, 1940	11.6	12,800	1949	Feb. 20, 1949	13.9	19,900
1941	July 24, 1941	9.35	8,980	1950	Mar.19,20,1950	10.0	10,200
1942	Jan. 6, 1942	15.1	24,600	1951	Apr. 1, 1951	10.5	11,000
	Mar. 31, 1942	19.5	52,600	1952	Mar. 15, 1952	16.8	34,000
1943	Jan. 29, 1943	17.0	35,300		Apr. 3, 1952	16.1	29,800
	Mar. 30, 1943	17.8	40,500	1953	Mar. 9, 1953	13.4	17,800
1944	Mar. 31, 1944	20.5	60,500		May 13, 1953	17.0	35,300
	Apr. 21, 1944	15.9	28,700				
	Apr. 29, 1944	16.7	33,400	1954	Dec. 26, 1953	13.0	16,600
1945	May 8, 1945	13.8	19,200	1955	Sept.17, 1955	10.7	11,400
1946	Jan. 8, 1946	13.5	18,200	1956	Mar. 31, 1956	12.3	14,700
	Jan. 19, 1946	16.8	34,000	1957	Apr. 19, 1957	12.5	15,200
1947	Feb. 2, 1947	13.4	17,800	1958	Dec. 6, 1957	12.5	15,100
	Mar. 18, 1947	16.6	32,700		Mar.16,17,1958	14.8	24,600
	Apr. 22, 1947	13.2	17,200		Apr. 18, 1958	12.9	16,300
1948	Nov.26,27,1947	14.1	20,300				
	Dec. 13, 1947	13.5	18,200	1959	Feb. 18, 1959	12.6	15,400
	Feb.21,22,1948	16.0	29,200		Mar.17,18,1959	13.2	17,200
	Mar. 18, 1948	16.4	31,500				
	Apr. 3, 1948	18.9	48,200	1960	Feb. 15, 1960	16.0	29,200
					Apr. 9,10,1960	18.2	39,000
1949	Dec. 8, 1948	22.2	70,000				
	Dec. 9, 1948	22.7	-	1961	Mar. 8, 1961	18.9	43,500
	Jan. 11, 1949	12.7	15,700		Apr. 18, 1961	14.5	21,900

2160. Little Ocmulgee River at Towns, Ga.

Location.--Lat 32°00', long 82°45', at bridge on State Highway 134 at Towns, Telfair County, 9 miles upstream from mouth.

Drainage area.--329 sq mi.

Gage.--Nonrecording prior to December 1946; crest-stage after Mar. 15, 1949. Datum of gage is 108.06 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Georgia State Highway Department).

Stage-discharge relation.--Defined by current-meter measurements below 6,100 cfs.

Bankfull stage.--7 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1925	January 1925	a20.4	-	1949	Dec. 9, 1948	d11.8	2,110
				1950	-	(e)	<800
1929	March 1929	b17.3	-				
				1951	Mar. 31, 1951	10.4	1,290
1938	Apr. 13, 1938	12.0	2,200	1952	Mar. 15, 1952	10.9	1,460
1939	Mar. 3, 1939	14.6	4,980	1953	Sept.24, 1953	13.3	2,710
1940	July 22, 1940	11.2	1,880	1954	Dec. 26, 1953	11.1	1,540
				1955	Apr. 15, 1955	9.48	1,030
1941	July 22, 1941	11.9	2,150				
1942	Dec. 27, 1941	16.0	7,480	1956	Feb. 8, 1956	11.3	1,620
1943	Jan. 23, 1943	14.8	5,040	1957	May 16, 1957	10.6	1,360
1944	Apr. 19, 1944	14.6	4,750	1958	Mar. 14, 1958	14.0	3,400
1945	Mar. 1, 1945	9.4	1,260	1959	Mar. 9, 1959	12.7	2,320
				1960	Apr. 6, 1960	17.0	6,100
1946	Jan. 23, 1946	10.9	1,760				
				1961	Apr. 15, 1961	13.3	2,710
1948	Apr. 4, 1948	c16.0	7,080				

a From information furnished by local resident.
b From Georgia State Highway Department.
c Observed by local resident.
d From floodmark.
e Peak stage did not reach bottom of gage.

2161. Alligator Creek near Alamo, Ga.

Location.--Lat 32°02', long 82°42', at State Highway 134, 9½ miles southeast of Alamo, Wheeler County.

Drainage area.--255 sq mi.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 4,500 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950	-	(a)	<370	1956	Feb. 8, 1956	9.93	1,100
				1957	May 16, 1957	10.2	1,180
1951	Mar. 31, 1951	10.5	1,260	1958	Mar. 10, 1958	13.0	2,300
1952	Mar. 24, 1952	10.2	1,180	1959	Mar. 9, 1959	12.2	1,840
1953	Sept.30, 1953	12.9	2,230	1960	Apr. 6, 1960	16.2	5,500
1954	Jan. 1, 1954	9.99	1,130				
1955	Sept.15, 1955	8.71	s60	1961	Apr. 15, 1961	11.0	1,390

a Peak stage did not reach bottom of gage.

2165. Oconee River at Athens, Ga.

Location.--Lat 33°57', long 83°22', at Cemetery Bridge in Athens, Clarke County, 1,600 ft downstream from Athens Manufacturing Co. dam, 2,200 ft downstream from bridge on U.S. Highway 78, and 3 miles downstream from Sandy Creek.

Drainage area.--283 sq mi.

Gage.--Recording prior to June 13, 1950; crest-stage gage thereafter. Altitude of gage is 580 ft (from Corps of Engineers profile).

Stage-discharge relation.--Defined by current-meter measurements below 6,400 cfs and extended above by logarithmic plotting.

Remarks.--Records for 1929-31 from Corps of Engineers. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	Mar. 5, 1929	23.0	9,000	1952	Mar. 10, 1952	16.25	4,600
1930	Oct. 2, 1929	22.5	8,600	1953	Jan. 10, 1953	12.83	3,250
				1954	Jan. 17, 1954	12.82	3,250
1931	Nov. 17, 1930	-	a1,700	1955	Feb. 9, 1955	-	b2,800
1945	Apr. 25, 1945	16.8	4,900	1956	Mar. 18, 1956	12.44	3,100
				1957	Apr. 7, 1957	-	b2,850
1946	Jan. 6, 1946	21.0	7,450	1958	Feb. 6, 1958	-	b2,550
1947	Jan. 21, 1947	14.9	4,030	1959	June 1, 1959	-	b4,100
1948	Feb. 10, 1948	13.2	3,390	1960	Feb. 1, 1960	-	b3,100
1949	Nov. 29, 1948	21.5	7,820				
1950	-	-	b1,800	1961	Feb. 26, 1961	19.21	6,230
1951	Oct. 21, 1950	-	b2,300				

a Maximum daily.
b Estimated on basis of records at Greensboro.

2170. Allen Creek at Talmo, Ga.

Location.--Lat 34°12', long 83°43', 400 ft upstream from bridge on State Highway 11, half a mile north of Talmo, Jackson County, and 5 miles upstream from confluence with Pond Fork of Middle Oconee River.

Drainage area.--17.3 sq mi.

Gage.--Recording. Datum of gage is 784.42 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 960 cfs and extended above on basis of contracted-opening studies at 2,130 and 3,320 cfs.

Remarks. Only annual peaks are shown.

Peak stages and discharges.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	Mar. 10, 1952	11.5	2,330	1957	Apr. 5, 1957	4.2	472
1953	July 4, 1953	6.2	744	1958	July 6, 1958	6.5	780
1954	Jan. 16, 1954	8.3	1,140	1959	July 11, 1959	4.7	552
1955	Feb. 6, 1955	8.0	1,070	1960	Feb. 5, 1960	4.6	536
1956	Mar. 16, 1956	7.5	880	1961	Feb. 21, 1961	12.6	3,320

2172. Middle Oconee River near Jefferson, Ga.

Location.--Lat 34°06', long 83°36', at State Highway 11, 2¼ miles southwest of Jefferson, Jackson County.

Drainage area.--128 sq mi.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 6,400 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Oct. 22, 1950	8.25	3,500	1957	Apr. 6, 1957	8.29	3,600
1952	Mar. 24, 1952	11.8	6,640	1958	Apr. 15, 1958	7.38	2,580
1953	Jan. 10, 1953	8.22	3,500	1959	May 30, 1959	6.93	1,850
1954	Jan. 19, 1954	10.9	5,920	1960	Jan. 31, 1960	7.25	2,370
1955	Feb. 7, 1955	9.70	4,930	1961	Feb. 25, 1961	13.9	8,130
1956	Mar. 16, 1956	10.1	5,280				

2175. Middle Oconee River near Athens, Ga.

Location.--Lat 33°58', long 83°25', on left bank half a mile upstream from U.S. Highway 29, 2 miles west of Athens, Clarke County, and 5 miles upstream from Barber Creek.

Drainage area.--398 sq mi.

Gage.--Nonrecording prior to Jan. 16, 1929; recording thereafter. Prior to Oct. 25, 1902, at site 1 mile upstream at different datum. Jan. 16, 1929, to Sept. 30, 1940, at site 4 miles downstream at different datum. Datum of gage is 555.66 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements at all sites.

Bankfull stage.--12 ft.

Remarks.--Records for 1929-31 from Corps of Engineers. Base for partial-duration series, 3,800 cfs. Only annual peaks are shown prior to 1938.

Peak stages and discharges of Middle Oconee River near Athens, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1902	Feb. 28, 1902	a25.5	19,600	1949	Nov. 30, 1948	19.6	14,200
					Jan. 7, 1949	10.5	5,230
1929	Mar. 5, 1929	23.6	11,800		July 20, 1949	8.90	4,160
1930	Oct. 2, 1929	21.3	9,500		Sept. 8, 1949	8.62	3,980
1938	Oct. 21, 1937	17.9	4,340	1950	June 1, 1950	2.98	1,500
	July 26, 1938	19.6	5,160				
1939	Aug. 19, 1939	23.0	8,420	1951	Oct. 22, 1950	7.6	3,410
				1952	Dec. 23, 1951	b15.4	9,110
1940	Feb. 20, 1940	16.9	3,830		Mar. 24, 1952	10.3	5,090
	Aug. 14, 1940	20.3	5,930	1953	Jan. 11, 1953	10.9	5,520
1941	July 6, 1941	6.8	3,000	1954	Jan. 18, 1954	14.0	7,870
1942	Mar. 23, 1942	13.8	8,000	1955	Feb. 8, 1955	11.0	5,600
1943	Jan. 18, 1943	11.0	5,600	1956	Mar. 18, 1956	12.7	6,840
	Mar. 21, 1943	9.56	4,610				
	Apr. 20, 1943	14.7	8,900	1957	Apr. 7, 1957	9.1	4,280
1944	Mar. 31, 1944	11.1	5,680	1958	Apr. 17, 1958	5.4	2,560
1945	Apr. 25, 1945	10.0	4,880	1959	May 31, 1959	11.7	6,120
1946	Jan. 7, 1946	14.8	8,400	1960	Jan. 31, 1960	8.2	3,800
	Feb. 11, 1946	8.5	3,920				
	Mar. 30, 1946	10.7	5,370	1961	Feb. 23, 1961	18.0	12,000
1947	Jan. 21, 1947	14.0	7,800		Feb. 26, 1961	18.2	12,200
					June 23, 1961	8.6	4,010
1948	Feb. 10, 1948	10.5	5,230				

a Maximum observed.
b Maximum recorded; annual peak may have been slightly higher.

2185. Oconee River near Greensboro, Ga.

Location.--Lat 33°35', long 83°16', on right bank 300 ft downstream from bridge on State Highway 12, 1 mile downstream from Town Creek, 5 miles upstream from Apalachee River, 5 miles west of Greensboro, Greene County, 12 miles downstream from Barnett Shoals Dam, and at mile 198.9.

Drainage area.--1,090 sq mi, approximately.

Gage.--Nonrecording prior to Nov. 8, 1938; recording thereafter. Datum of gage is 409.82 ft above mean sea level, unadjusted.

Stage-discharge relation.--Defined by current-meter measurements below 20,000 cfs and extended above on basis of area-velocity studies and computations of flow over Barnett Shoals Dam.

Bankfull stage.--10 ft.

Remarks.--Storage in Barnett Shoals Reservoir is insufficient to affect flood discharges. Records for period 1919-32 from Corps of Engineers. Base for partial-duration series, 6,000 cfs. Only annual peaks are shown prior to 1939.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1904	Aug. 10, 1904	11.9	6,520	1916	Dec. 20, 1915	19.8	14,300
1905	Feb. 14, 1905	12.5	6,960	1917	Mar. 7, 1917	19.3	13,800
				1918	Jan. 31, 1918	14.1	8,260
1906	Jan. 24, 1906	18.9	13,300	1919	Dec. 24, 1918	20.6	15,100
1907	Feb. 5, 1907	11.2	5,990	1920	Dec. 11, 1919	30.0	41,100
1908	Aug. 26, 1908	35.4	a66,800				
1909	Mar. 13, 1909	18.0	12,000	1921	Feb. 11, 1921	20.6	15,400
1910	Mar. 2, 1910	18.5	12,700	1922	Feb. 16, 1922	21.4	16,400
				1923	May 30, 1923	20.9	15,400
1911	Apr. 10, 1911	10.8	5,690	1924	Sept.28, 1924	18.6	13,000
1912	Mar. 16, 1912	27.4	31,800	1925	Jan. 19, 1925	25.5	26,100
1913	Mar. 16, 1913	24.2	22,700				
1914	Dec. 31, 1913	12.0	6,180	1926	July 29, 1926	15.8	9,800
1915	Oct. 17, 1914	19.7	14,200	1927	Dec. 15, 1926	13.8	7,820

a Computed flow over Barnett Shoals Dam.

Peak stages and discharges of Oconee River near Greensboro, Ga.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1928	Aug. 16, 1928	20.0	14,500	1948	Feb. 10, 1948	19.7	13,300
1929	Mar. 6, 1929	26.6	29,400		Mar. 9, 1948	15.4	7,480
1930	Oct. 3, 1929	26.4	28,800		Apr. 2, 1948	14.7	6,830
1931	Nov. 18, 1930	12.5	6,800	1949	Nov. 29, 1948	28.1	34,100
1932	Jan. 9, 1932	15.5	9,500		Jan. 8, 1949	16.8	9,030
					May 3, 1949	16.4	8,550
1936	April 1936	-	a44,000				
1938	July 26, 1938	20.9	15,200	1950	Mar. 14, 1950	9.16	3,610
1939	Mar. 1, 1939	16.2	8,130	1951	Oct. 22, 1950	12.8	5,440
	Aug. 21, 1939	18.4	11,000	1952	Dec. 24, 1951	18.0	10,700
1940	Feb. 21, 1940	14.5	6,650		Mar. 5, 1952	19.3	12,700
	Aug. 14, 1940	19.0	12,200		Mar. 14, 1952	18.9	12,000
					Mar. 25, 1952	19.5	13,000
1941	July 8, 1941	12.6	5,260	1953	Jan. 13, 1953	16.1	8,210
1942	Dec. 26, 1941	14.7	6,740				
	Mar. 22, 1942	22.4	18,100	1954	Jan. 20, 1954	16.7	8,910
1943	Dec. 31, 1942	16.9	9,160	1955	Feb. 10, 1955	15.4	7,480
	Jan. 20, 1943	23.0	19,200				
	Jan. 29, 1943	16.7	8,910	1956	Mar. 19, 1956	17.0	9,290
	Mar. 22, 1943	18.0	10,700		Apr. 17, 1956	14.1	6,330
	Apr. 22, 1943	16.8	9,030	1957	Apr. 8, 1957	15.5	7,580
1944	Feb. 19, 1944	13.9	6,170	1958	Oct. 5, 1957	13.8	6,090
	Mar. 20, 1944	17.1	9,420		Feb. 7, 1958	14.1	6,330
	Mar. 24, 1944	15.6	7,680		Apr. 17, 1958	13.7	6,010
	Mar. 31, 1944	18.0	10,700				
	Apr. 28, 1944	14.7	6,830	1959	May 28, 1959	13.7	6,010
1945	Apr. 26, 1945	20.8	15,200		June 2, 1959	19.7	13,300
1946	Dec. 27, 1945	16.2	8,320	1960	Feb. 2, 1960	16.7	8,910
	Jan. 8, 1946	23.3	19,800		Feb. 7, 1960	15.1	7,190
	Feb. 13, 1946	14.0	6,250				
	Mar. 31, 1946	16.5	8,670	1961	Feb. 25, 1961	21.8	17,200
					Apr. 1, 1961	15.4	7,480
1947	Jan. 21, 1947	20.9	15,300				
	Mar. 9, 1947	16.3	8,430				

a Computed flow over Barnett Shoals Dam.

2190. Apalachee River near Bostwick, Ga.

Location.--Lat 33°47', long 83°28', 500 ft upstream from Price Mill Bridge, 4 miles downstream from High Shoals, 4 miles upstream from Jacks Creek, and 4 miles northeast of Bostwick, Morgan County.

Drainage area.--176 sq mi.

Gage.--Recording. Altitude of gage is 565 ft (from Corps of Engineers profile).

Stage-discharge relation.--Defined by current-meter measurements below 4,200 cfs.

Bankfull stage.--7 ft.

Remarks.--Base for partial-duration series, 3,300 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1945	Apr. 25, 1945	7.1	5,800	1947	Jan. 20, 1947	6.1	4,340
	Aug. 24, 1945	6.3	4,620	1948	Feb. 9, 1948	5.62	3,640
1946	Jan. 6, 1946	8.9	8,500	1949	Nov. 28, 1948	8.26	7,600
	Mar. 29, 1946	5.7	3,780				

2195. Apalachee River near Buckhead, Ga.

Location.--Lat 33°36', long 83°21', at downstream side of right bank pier of bridge on State Highway 12, 2 miles downstream from Hard Labor Creek, 3 miles northeast of Buckhead, Morgan County, and 9 miles upstream from mouth.

Drainage area.--436 sq mi.

Gage.--Nonrecording prior to Feb. 1, 1939; recording thereafter. Prior to May 13, 1937, at same site at different datum. Datum of gage is 424.07 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 18,000 cfs and extended above on basis of area-velocity studies.

Bankfull stage.--7 ft.

Remarks.--Base for partial-duration series, 5,000 cfs. Only annual peaks are shown prior to 1939.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1901	Apr. 3, 1901	14.0	6,250	1947	Jan. 21, 1947	20.4	11,800
1902	Mar. 1, 1902	25.0	23,400		Mar. 9, 1947	16.3	7,010
1903	Feb. 8, 1903	17.0	9,660				
1904	Aug. 10, 1904	9.9	3,090	1948	Feb. 10, 1948	18.7	9,790
1905	Feb. 14, 1905	11.4	4,050		Mar. 24, 1948	14.7	5,400
1906	Jan. 23, 1906	19.9	13,900	1949	Nov. 29, 1948	26.8	23,800
1907	Feb. 6, 1907	10.9	3,700				
1908	Aug. 25, 1908	27.5	28,900	1950	Mar. 15, 1950	9.90	2,350
1938	Apr. 2, 1938	19.0	10,200	1951	Oct. 21, 1950	13.6	4,480
1939	Mar. 1, 1939	16.1	6,600	1952	Mar. 5, 1952	19.8	11,300
					Mar. 12, 1952	16.2	6,770
1940	Feb. 19, 1940	15.6	5,920		Mar. 25, 1952	17.7	8,500
1941	Mar. 25, 1941	9.2	2,080	1953	Jan. 11, 1953	13.4	4,330
1942	Mar. 22, 1942	23.7	17,800	1954	Dec. 14, 1953	12.4	3,630
	May 16, 1942	15.6	5,960				
				1955	Feb. 8, 1955	12.0	3,390
1943	Dec. 30, 1942	17.0	7,360				
	Jan. 19, 1943	23.8	18,000	1956	Mar. 17, 1956	16.5	7,150
	Mar. 22, 1943	16.1	6,430		Apr. 17, 1956	14.8	5,490
					Sept.26, 1956	17.1	7,780
1944	Mar. 20, 1944	15.6	6,730				
	Mar. 24, 1944	14.7	5,870	1957	Apr. 7, 1957	15.1	5,760
	Mar. 30, 1944	18.3	9,270				
	Apr. 28, 1944	15.0	6,140	1958	Feb. 8, 1958	13.9	4,720
1945	Feb. 14, 1945	15.5	6,630	1959	June 2, 1959	16.0	6,650
	Apr. 26, 1945	21.1	13,300				
	Aug. 25, 1945	15.2	6,330	1960	Feb. 1, 1960	15.5	6,150
1946	Dec. 26, 1945	15.9	6,560	1961	Feb. 26, 1961	19.6	11,000
	Jan. 7, 1946	24.3	19,100		Apr. 1, 1961	15.0	5,670
	Mar. 30, 1946	17.1	7,700				

2210. Murder Creek near Monticello, Ga.

Location.--Lat 33°25', long 83°40', on left bank 350 ft upstream from bridge on State Highway 229, three-quarters of a mile upstream from Pittman Creek, 1¾ miles downstream from confluence of Robinson and Sheppard Creeks, and 8 miles north of Monticello, Jasper County.

Drainage area.--24 sq mi, approximately.

Gage.--Recording. Datum of gage is 498.21 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 1,100 cfs and extended above on basis of slope-area measurement at 2,510 cfs.

Remarks.--Base for partial-duration series, 360 cfs.

Peak stages and discharges of Murder Creek near Monticello, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	Mar. 4, 1952	6.7	1,860	1957	Sept.20, 1957	3.92	678
	Mar. 11, 1952	4.18	778				
	Mar. 24, 1952	5.3	1,160	1958	Oct. 2, 1957	3.55	566
	July 22, 1952	6.7	1,860		Nov. 19, 1957	3.12	430
					Jan. 24, 1958	3.09	430
1953	Apr. 30, 1953	4.7	948		Feb. 6, 1958	4.68	846
	May 4, 1953	5.4	1,190		Apr. 15, 1958	3.92	520
	Sept. 2, 1953	2.92	376				
	Sept.27, 1953	3.39	520	1959	June 2, 1959	7.64	2,510
1954	Dec. 6, 1953	2.90	364	1960	Jan. 31, 1960	4.04	726
					Feb. 5, 1960	3.44	535
1955	Sept.26, 1955	3.04	415		Feb. 13, 1960	3.32	490
					Mar. 30, 1960	4.78	972
1956	Feb. 6, 1956	3.34	505				
	Mar. 16, 1956	4.12	744	1961	Feb. 19, 1961	5.15	1,110
	Apr. 11, 1956	3.69	614		Feb. 20, 1961	3.50	550
	Apr. 16, 1956	4.27	795		Feb. 25, 1961	6.95	2,060
	Sept.26, 1956	4.79	982		Apr. 1, 1961	4.85	972
					Apr. 12, 1961	2.93	388
1957	Dec. 23, 1956	5.84	1,330		Apr. 15, 1961	2.87	362
	Mar. 25, 1957	4.09	744		Apr. 27, 1961	3.28	490
	Apr. 5, 1957	2.95	385		May 2, 1961	3.25	475
	May 11, 1957	3.83	662		May 11, 1961	3.15	445
	Sept.19, 1957	4.04	727				

2230. Oconee River at Milledgeville, Ga.

Location.--Lat 33°05', long 83°13', on left bank 900 ft upstream from bridge on State Highway 24 at Milledgeville, Baldwin County, half a mile upstream from Fishing Creek, 4 miles downstream from Sinclair Dam of Georgia Power Co., and at mile 144.9.

Drainage area.--2,950 sq mi, approximately.

Gage.--Nonrecording prior to Oct. 4, 1939; recording thereafter. Prior to Oct. 4, 1939, at site 900 ft downstream. Datum of gage is 230.84 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 78,000 cfs and extended above by logarithmic plotting. Data for Fraleys Ferry gage, 7 miles upstream was used to define changes in stage-discharge relation during period 1909-23 when no discharge measurements were made at Milledgeville.

Bankfull stage.--16 ft.

Remarks.--Stage records for 1906-8, 1910-31 from U.S. Weather Bureau. Flood peaks regulated by storage in Sinclair Reservoir beginning November 1952. Base for partial-duration series, 18,000 cfs. Supplemental peaks for period 1940-52 only.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1886	-	a46.7	-	1917	Apr. 6, 1917	25.4	31,900
				1918	Feb. 1, 1918	17.2	14,600
1904	Aug.8,11,1904	11.6	10,800	1919	Feb. 26, 1919	27.0	38,700
1905	Feb. 13, 1905	21.0	19,500	1920	Dec. 12, 1919	31.4	59,100
1906	Jan. 24, 1906	25.4	31,100	1921	Feb. 11, 1921	27.2	39,200
1907	Feb. 5, 1907	18.0	15,400	1922	Mar. 7, 1922	32.0	62,000
1908	Aug. 27, 1908	33.2	67,800	1923	May 6, 1923	29.0	47,600
1909	Mar. 13, 1909	26.6	36,900	1924	Sept.26, 1924	31.5	59,600
1910	Mar. 3, 1910	20.8	19,000	1925	Jan. 19, 1925	36.7	84,900
1911	Oct. 8, 1910	12.0	8,710	1926	Apr. 1, 1926	22.8	23,300
1912	Mar. 17, 1912	33.8	70,700	1927	Feb. 25, 1927	18.3	15,900
1913	Mar. 16, 1913	33.0	66,800	1928	Aug. 16, 1928	38.7	95,000
1914	Apr. 15, 1914	12.1	8,840	1929	Feb. 28, 1929	37.0	86,500
1915	Oct. 17, 1914	25.5	32,300	1930	Oct. 2, 1929	36.9	85,900
1916	Feb. 3, 1916	20.4	18,500	1931	May 5, 1931	23.5	24,800

a From Georgia State Highway Department.

Peak stages and discharges of Oconee River at Milledgeville, Ga.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1932	Jan. 9, 1932	25.2	31,100	1947	Jan. 14, 1947	21.6	19,700
1933	Dec. 31, 1932	20.0	17,000		Jan. 22, 1947	25.0	28,500
1934	Mar. 5, 1934	26.0	34,200		Mar. 8, 1947	28.8	41,900
1935	Mar. 13, 1935	21.0	18,800				
				1948	Nov. 12, 1947	21.9	19,900
1936	Apr. 10, 1936	36.8	85,400		Feb. 13, 1948	26.7	32,100
1937	Apr. 30, 1937	29.3	48,900		Mar. 7, 1948	22.3	20,900
1938	Apr. 2, 1938	26.2	34,400		Mar. 18, 1948	21.2	18,600
1939	Mar. 1, 1939	27.6	40,600		Apr. 2, 1948	23.4	23,100
1940	Feb. 20, 1940	20.9	18,200	1949	Nov. 30, 1948	37.3	80,800
	Aug. 14, 1940	24.4	27,400		Dec. 30, 1948	23.8	24,000
					Feb. 10, 1949	22.6	21,300
1941	Mar. 28, 1941	17.6	12,500				
				1950	Oct. 8, 1949	17.4	12,200
1942	Dec. 24, 1941	23.7	24,600				
	Feb. 17, 1942	21.8	20,100	1951	Apr. 23, 1951	16.7	11,200
	Mar. 22, 1942	32.6	55,600				
				1952	Mar. 5, 1952	32.9	56,900
1943	Dec. 30, 1942	22.8	22,300		Mar. 11, 1952	24.0	24,500
	Jan. 21, 1943	28.8	41,900		Mar. 25, 1952	28.1	36,800
	Jan. 28, 1943	24.9	28,200				
	Feb. 6, 1943	21.3	19,000	1953	May 3, 1953	25.5	28,500
	Mar. 22, 1943	29.2	43,300	1954	Dec. 14, 1953	15.4	9,420
				1955	Apr. 14, 1955	14.9	8,780
1944	Feb. 20, 1944	22.7	22,100				
	Mar. 21, 1944	33.4	58,500	1956	Mar. 17, 1956	24.8	26,500
	Mar. 24, 1944	29.7	45,100	1957	May 30, 1957	22.9	21,900
	Mar. 30, 1944	23.8	24,900	1958	Feb. 7, 1958	26.7	32,100
	Apr. 27, 1944	22.5	21,600	1959	June 3, 1959	25.7	29,100
				1960	Jan. 31, 1960	29.0	40,000
1945	Apr. 27, 1945	26.0	32,600				
				1961	Feb. 25, 1961	42.9	122,000
1946	Dec. 26, 1945	25.0	28,500				
	Jan. 10, 1946	26.5	33,600				

2232. Commissioner Creek at Toomsboro, Ga.

Location.--Lat 32°50', long 83°05', at bridge on State Route 112 at Toomsboro, Wilkinson County.

Drainage area.--191 sq mi.

Gage.--Crest-stage gage. Datum of gage is 201.70 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Georgia State Highway Department).

Stage-discharge relation.--Defined by current-meter measurements below 2,500 cfs and extended above by valley-slope conveyance study.

Historical data.--The flood of 1928 or 1929 which reached a stage of approximately 22.5 ft was the highest in the memory of local residents in 1949.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1928 or 1929	-	a22.5	-	1954	Jan. 23, 1954	15.7	1,270
				1955	Apr. 15, 1955	15.6	1,190
1949	November 1948	a19.5	5,950	1956	Mar. 16, 1956	16.1	1,600
				1957	May 25, 1957	16.6	2,100
1950	Mar. 7, 1950	14.5	495	1958	Mar. 8, 1958	16.2	1,700
				1959	March 1959	15.5	1,120
1951	Nov. 20, 1950	15.1	807	1960	Apr. 4, 1960	17.0	2,500
1952	Mar. 6, 1952	17.5	3,100				
1953	Mar. 1, 1953	18.0	3,700	1961	Feb. 25, 1961	19.0	5,100

a From information furnished by local residents.

2235. Oconee River at Dublin, Ga.

Location.--Lat 32°32', long 82°54', near left bank on downstream end of pier of bridge on U.S. Highway 80 at Dublin, Laurens County, and at mile 77.9.

Drainage area.--4,400 sq mi, approximately.

Gage.--Nonrecording prior to Apr. 15, 1932; recording Apr. 15, 1932, to Apr. 14, 1936; nonrecording Apr. 15, 1936, to Oct. 12, 1938; recording thereafter. Prior to July 17, 1934, at site 420 ft downstream at datum 3.0 ft higher (Oct. 1, 1933, to July 17, 1934, corrected to present datum). July 18, 1934, to Jan. 20, 1953, at site 80 ft upstream. Datum of gage is 149.0? ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--20 ft.

Remarks.--Stage records for 1894-97 from U.S. Weather Bureau. Regulation by storage in Sinclair Reservoir above Milledgeville since November 1952 does not materially affect peak discharges. Base for partial-duration series, 19,000 cfs. Only annual peaks are shown prior to 1933.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1894	Feb. 19, 1894	14.9	20,500	1938	Apr. 11, 1938	24.1	38,700
1895	Mar. 19, 1895	23.4	49,700	1939	Mar. 4, 1939	26.2	48,500
1896	Feb. 10, 1896	17.0	25,900				
1897	Mar. 17, 1897	22.7	46,200	1940	Aug. 19, 1940	18.0	18,800
1898	Sept. 5, 1898	24.6	56,200				
1899	Feb. 10, 1899	22.5	45,300	1941	Apr. 1, 1941	12.5	10,100
1900	Feb. 17, 1900	24.9	57,900	1942	Dec. 30, 1941	20.0	23,600
1901	Apr. 6, 1901	22.6	45,800		Mar. 26, 1942	27.0	52,100
1902	Mar. 5, 1902	25.8	63,600				
1903	Feb. 12, 1903	24.0	52,800	1943	Jan. 24, 1943	24.8	40,800
1904	Feb. 14, 1904	9.9	11,500		Feb. 2, 1943	19.8	23,100
1905	Feb. 16, 1905	19.5	33,600		Mar. 25, 1943	25.2	42,800
1906	Jan. 28, 1906	19.2	32,600	1944	Mar. 26, 1944	28.6	61,600
1907	Feb. 10, 1907	13.5	18,000		Apr. 3, 1944	21.5	27,800
1908	Aug. 30, 1908	23.2	48,600				
1909	Mar. 16, 1909	23.3	49,200	1945	May 1, 1945	20.7	25,400
1910	Mar. 6, 1910	15.6	20,800	1946	Dec. 31, 1945	19.6	22,600
1911	Apr. 17, 1911	8.2	10,200		Jan. 13, 1946	22.0	29,500
1912	Mar. 20, 1912	25.2	59,800				
1913	Mar. 18, 1913	26.5	68,400	1947	Jan. 26, 1947	21.2	27,000
1914	Mar. 3, 1914	8.9	10,500		Mar. 11, 1947	25.2	42,800
1915	Jan. 23, 1915	17.7	27,900	1948	Feb. 16, 1948	24.4	39,000
1916	July 27,28,1916	16.5	24,600		Mar. 12, 1948	20.3	24,400
1917	Mar. 31, 1917	18.8	31,300		Apr. 6, 1948	20.5	24,800
1918	Feb. 6, 1918	13.3	17,300				
1919	Feb. 28, 1919	23.0	47,600	1949	Dec. 3, 1948	30.1	71,200
1920	Dec. 15, 1919	24.0	52,800		Jan. 4, 1949	18.4	19,600
					Feb. 14, 1949	20.7	25,200
1921	Feb. 14, 1921	20.7	37,800				
1922	Mar. 10, 1922	24.3	54,500	1950	Mar. 12, 1950	13.1	10,900
1923	Mar. 23, 1923	21.0	38,900				
1924	Sept.30, 1924	23.2	49,200	1951	Apr. 27, 1951	11.4	8,840
1925	Jan. 21, 1925	29.8	94,900				
				1952	Mar. 9, 1952	26.2	47,800
1926	Apr. 5, 1926	16.4	24,300		Mar. 29, 1952	24.3	38,600
1927	July 29, 1927	11.4	14,100				
1928	Aug. 19, 1928	27.9	79,000	1953	May 8, 1953	23.2	33,900
1929	Mar. 7, 1929	29.5	92,300				
1930	Oct. 5, 1929	27.6	76,600	1954	Dec. 18, 1953	14.1	12,100
1931	May 9, 1931	16.1	23,500	1955	Apr. 18, 1955	13.9	11,800
1932	Jan. 12, 1932	18.8	31,200				
1933	Jan. 4, 1933	14.5	19,700	1956	Mar. 22, 1956	18.1	19,000
	Feb. 24, 1933	15.0	20,700				
				1957	Mar. 31, 1957	14.6	13,000
1934	Mar. 9, 1934	19.1	23,500				
				1958	Feb. 13, 1958	18.2	19,200
1935	Mar. 19, 1935	14.7	15,100				
				1959	June 7,8,1959	19.5	22,600
1936	Jan. 12, 1936	22.0	31,900				
	Jan. 23, 1936	25.8	46,700	1960	Feb. 17, 1960	22.6	31,600
	Feb. 9, 1936	24.0	38,900		Apr. 5, 1960	22.7	32,000
	Apr.12,13,1936	33.0	96,700				
				1961	Feb. 28, 1961	28.4	60,400
1937	Jan. 10, 1937	21.0	28,200		Apr. 5, 1961	21.0	26,400
	Feb. 14, 1937	19.1	23,000		Apr. 19, 1961	22.6	31,600
	May 4, 1937	23.2	35,200				

2240. Rocky Creek near Dudley, Ga.

Location.--Lat 32°29', long 83°09', on downstream side of highway bridge, 3.2 miles upstream from Buckhorn Branch and 5 miles southeast of Dudley, Laurens County.

Drainage area.--62.9 sq mi.

Gage.--Recording. Altitude of gage is 262 ft (by barometer).

Stage-discharge relation.--Defined by current-meter measurements below 1,900 cfs.

Remarks.--Base for partial-duration series, 550 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	Mar. 5, 1952	5.3	578	1957	May 5, 1957	8.0	1,440
	Mar. 24, 1952	5.8	692				
				1958	Nov. 20, 1957	5.7	668
1953	Feb. 16, 1953	5.7	668		Feb. 27, 1958	6.6	910
	Feb. 26, 1953	6.5	880		Mar. 9, 1958	8.1	1,540
	Apr. 11, 1953	5.8	692				
	May 3, 1953	7.8	1,350	1959	Feb. 9, 1959	5.9	716
	May 7, 1953	9.4	2,390		Mar. 6, 1959	9.4	2,390
1954	Dec. 14, 1953	5.7	668	1960	Oct. 30, 1959	5.6	644
					Feb. 14, 1960	6.8	975
1955	Apr. 15, 1955	7.8	1,350		Apr. 2,3,1960	7.5	1,230
					Apr. 5, 1960	10.0	2,930
1956	Mar. 17, 1956	4.80	474				
				1961	Apr. 13, 1961	6.7	945
1957	Mar. 25, 1957	5.2	556		Apr. 16, 1961	7.1	1,080
	Apr. 6, 1957	8.2	1,540				

2245. Oconee River near Mount Vernon, Ga.

Location.--Lat 32°12', long 82°38', at bridge on U.S. Highway 280, a quarter of a mile downstream from Seaboard Air Line Railway bridge, half a mile upstream from Flat Creek, 2 miles upstream from Okeewalkee Creek, 2 miles west of Mount Vernon, Montgomery County, and at mile 28.7.

Drainage area.--5,110 sq mi, approximately.

Gage.--Recording prior to Jan. 5, 1956; nonrecording thereafter. Datum of gage is 103.34 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 62,000 cfs.

Bankfull stage.--14 ft.

Remarks.--Stage records for 1956-61 from U.S. Weather Bureau. Base for partial-duration series, 20,000 cfs. Only annual peaks are shown subsequent to 1955.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1936	April 1936	a25.5	-	1943	Mar.27,28,1943	19.1	38,900
1938	Apr. 13, 1938	19.0	38,500	1944	Mar. 28, 1944	21.8	58,800
					May 4, 1944	16.1	20,800
1939	Mar. 6, 1939	20.4	48,300				
				1945	May 4, 1945	16.9	24,500
1940	Aug. 21, 1940	15.9	20,000				
				1946	Jan. 3, 1946	16.7	23,500
1941	July 22, 1941	12.6	10,900		Jan. 16, 1946	17.8	29,500
1942	Jan. 2, 1942	17.1	25,500	1947	Jan. 29, 1947	17.4	27,100
	May 28, 1942	20.7	49,600		Mar. 14, 1947	19.4	41,600
1943	Jan. 26, 1943	19.0	38,100	1948	Feb. 17, 1948	19.1	37,800
	Feb. 5, 1943	16.5	22,500		Mar. 14, 1948	17.6	28,300

a From Georgia State Highway Department.

Peak stages and discharges of Oconee River near Mount Vernon, Ga.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1948	Apr. 8, 1948	17.6	28,300	1953	May 10, 1953	18.7	35,200
1949	Dec. 5, 1948	22.6	66,300	1954	Dec. 21, 1953	14.0	13,800
	Jan. 7, 1949	16.4	22,500				
	Feb. 16, 1949	17.3	26,500	1955	Apr. 21, 1955	13.3	12,000
1950	Mar. 14, 1950	12.9	11,100	1956	Mar. 25, 1956	16.1	20,800
				1957	Apr. 3, 1957	14.0	13,800
1951	Apr. 29, 1951	11.1	7,950	1958	Mar. 13, 1958	17.2	26,000
				1959	June 11, 1959	b16.2	21,200
1952	Mar. 11, 1952	20.0	44,300	1960	Apr. 7, 1960	b19.8	42,800
	Mar. 31, 1952	19.0	37,100				
				1961	Mar. 3, 1961	21.8	58,800
1953	Mar. 5, 1953	16.4	22,000				

b Maximum observed.

2251. Cobb Creek near Lyons, Ga.

Location.--Lat 32°02', long 83°23', at State Highway 56, 1¾ miles northeast of Cedar Crossing and 13 miles southwest of Lyons, Toombs County.

Drainage area.--69 sq mi, approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	October 1950	6.26	1,480	1957	Oct. 21, 1956	4.52	560
1952	Mar. 24, 1952	3.71	340	1958	Oct. 20, 1957	5.04	745
1953	Apr. 6, 1953	4.20	455	1959	May 27, 1959	5.79	1,130
1954	Jan. 1, 1954	3.65	320	1960	Dec. 20, 1959	7.10	1,820
1955	Sept.14, 1955	5.82	1,130				
				1961	Apr. 16, 1961	4.59	595
1956	Feb. 8, 1956	5.78	1,130				

2252. Little Ohoopee River near Wrightsville, Ga.

Location.--Lat 32°47', long 82°33', at U.S. Highway 319 (State Highway 78), 10 miles northeast of Wrightsville, Johnson County.

Drainage area.--63 sq mi, approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 600 cfs and extended above by logarithmic plotting.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	June 14, 1951	5.27	262	1957	Apr. 6, 1957	7.65	1,050
1952	Mar. 24, 1952	7.06	780	1958	Mar. 10, 1958	6.89	705
1953	Mar. 1, 1953	7.50	990	1959	Mar. 6, 1959	7.57	1,050
1954	Jan. 18, 1954	5.87	382	1960	Apr. 5, 1960	8.44	-
1955	Apr. 14, 1955	7.66	1,110				
				1961	Apr. 16, 1961	9.28	-
1956	Feb. 7, 1956	6.69	635				

2253. Ohoopee River near Oak Park, Ga.

Location.--Lat 32°23', long 82°19', at U.S. Highway 1 (State Highway 4), 2¼ miles north of Oak Park, Emanuel County.

Drainage area.--620 sq mi.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 11,000 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Apr. 1, 1951	7.48	1,970	1957	Apr. 12, 1957	8.00	2,400
1952	Mar. 27, 1952	9.42	4,260	1958	Mar. 10, 1958	9.80	4,990
1953	Sept.29, 1953	8.70	3,210	1959	Mar. 8, 1959	9.81	4,990
1954	Dec. 15, 1953	6.87	1,540	1960	Apr. 6, 1960	12.62	14,000
1955	Apr. 15, 1955	9.25	3,910	1961	Apr. 17, 1961	11.60	9,900
1956	Apr. 17, 1956	7.94	2,300				

2255. Ohoopee River near Reidsville, Ga.

Location.--Lat 32°04', long 82°11', on downstream side of pier near center of span of bridge on State Route 56, half a mile downstream from Brazells Creek, 1½ miles downstream from Rocky Creek, 3½ miles west of Reidsville, Tattnall County, 6 miles downstream from Pendleton Creek, and 14 miles upstream from mouth.

Drainage area.--1,110 sq mi, approximately.

Gage.--Nonrecording prior to Feb. 15, 1941; recording thereafter. Prior to 1925, at same site at different datum. Datum of gage is 73.8 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Georgia State Highway Department).

Stage-discharge relation.--Defined by current-meter measurements below 14,000 cfs and extended above on basis of valley-slope conveyance studies.

Bankfull stage.--11 ft.

Remarks.--Base for partial-duration series, 3,800 cfs. Only annual peaks are shown prior to 1942.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1904	Feb. 12, 1904	12.1	4,890	1943	Mar. 27, 1943	13.7	5,250
1905	Feb. 17, 1905	19.0	14,900	1944	Mar. 27, 1944	18.9	12,700
1906	June 20, 1906	11.0	4,120		Apr. 29, 1944	16.2	8,260
1907	July 5, 1907	11.0	4,120	1945	Feb. 27, 1945	11.0	3,130
1925	January 1925	a28.4	47,000	1946	Jan. 23, 1946	13.2	4,950
1928	August 1928	a20.6	16,300	1947	Mar. 13, 1947	16.0	7,980
1930	October 1929	a24.0	26,500		Apr. 6, 1947	12.1	4,050
1938	Apr. 13, 1938	15.3	6,990		Apr. 19, 1947	16.0	7,980
1939	Mar. 3, 1939	19.8	15,100	1948	Nov. 15, 1947	12.9	4,690
1940	Aug. 16, 1940	19.7	14,900		Dec. 17, 1947	16.4	8,540
1941	July 20, 1941	15.9	7,840		Feb. 13, 1948	16.5	8,680
1942	Dec. 29, 1941	15.3	7,060		Mar. 14, 1948	17.0	9,420
	Mar. 13, 1942	15.1	6,810		Apr. 4, 1948	19.3	13,500
	Mar. 26, 1942	14.6	6,210	1949	Dec. 4, 1948	14.2	5,870
1943	Jan. 24, 1943	15.6	7,450		Dec. 13, 1948	14.0	5,670
					Feb. 16, 1949	13.5	5,310
					Sept. 6, 1949	13.1	4,860

a From Georgia State Highway Department.

Peak stages and discharges of Ohoopee River near Reidsville, Ga.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950	Sept. 8, 1950	8.2	1,930	1957	July 30, 1957	16.2	8,270
1951	Apr. 2, 1951	12.4	4,240	1958	Dec. 2, 1957	13.0	4,200
					Mar. 12, 1958	16.1	7,610
1952	Mar. 15, 1952	12.6	4,400		Apr. 8, 1958	13.8	4,840
	Mar. 30, 1952	13.7	5,420				
				1959	Feb. 14, 1959	13.8	4,840
1953	Mar. 1, 1953	15.3	7,140		Mar. 7, 1959	15.0	6,060
	May 10, 1953	13.6	5,320		Apr. 5, 1959	14.8	5,820
1954	Oct. 1, 1953	14.6	6,350	1960	Nov. 6, 1959	12.5	4,050
	Jan. 2, 1954	12.0	3,920		Dec. 20, 1959	13.4	4,680
					Feb. 17, 1960	17.1	9,580
1955	Apr. 20, 1955	12.6	4,160		Apr. 8, 1960	19.8	14,600
1956	Feb. 9, 1956	11.5	3,540	1961	Apr. 19, 1961	18.1	11,000
1957	June 1, 1957	13.3	5,030				

2260. Altamaha River at Doctortown, Ga.

Location.--Lat 31°39', long 81°50', on right bank 60 ft downstream from Atlantic Coast Line Railroad bridge at Doctortown, Wayne County, 4½ miles northeast of Jesup, and at mile 59.4.

Drainage area.--13,600 sq mi, approximately.

Gage.--Nonrecording prior to Dec. 5, 1934; recording thereafter. Datum of gage is 28.48 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 180,000 cfs and extended above by logarithmic plotting.

Bankfull stage.--5 ft.

Historical data.--Flood of January 1925 exceeded any flood described in old newspaper files, historical writings, and similar sources. This flood is believed to be the highest in at least 160 years.

Remarks.--Stage records for 1925-31 from U.S. Weather Bureau. Base for partial-duration series, 30,000 cfs. Only annual peaks are shown prior to 1935.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1925	Jan. 23, 1925	14.6	300,000	1939	Mar. 11, 1939	10.2	98,000
1926	Feb. 4, 1926	8.4	53,900	1940	Mar. 3, 1940	7.3	35,300
1927	Aug. 2, 1927	6.6	23,000				
1928	Aug. 25, 1928	11.0	126,000	1941	(a)	6.7	27,500
1929	Mar.12,13,1929	12.3	179,000				
1930	Oct.12,13,1929	11.2	133,000	1942	Jan. 7, 1942	8.6	55,100
					Apr.2,3, 1942	10.0	89,500
1931	May 18, 1931	7.1	32,300				
1932	Jan. 21, 1932	7.4	36,800	1943	Feb. 1, 1943	9.2	68,700
1933	Mar. 4, 1933	8.1	46,400		Apr. 2, 1943	9.3	71,100
1934	Mar. 17, 1934	8.1	46,400				
				1944	Apr.2,3, 1944	10.5	112,000
1935	Sept.15, 1935	6.3	21,600		May 2, 1944	8.9	63,000
1936	Jan. 31, 1936	9.1	70,600	1945	May10,11, 1945	7.3	35,200
	Feb. 18, 1936	9.6	85,000				
	Apr. 18, 1936	12.0	178,000	1946	Jan. 11, 1946	7.9	46,400
					Jan. 22, 1946	9.0	71,000
1937	Jan. 19, 1937	7.8	42,600				
	Feb. 24, 1937	7.8	42,600	1947	Feb. 4, 1947	7.6	41,000
	Apr. 1, 1937	7.2	33,200		Mar. 21, 1947	9.0	71,000
	May 13, 1937	8.1	47,800		Apr. 23, 1947	7.9	46,400
1938	Apr. 19, 1938	9.0	68,000	1948	Nov.28,29,1947	8.2	49,700
	Aug. 8, 1938	7.1	32,700		Dec.21-23,1947	8.4	53,700

a Occurred July 23, 24, 26-28, 1941.

Peak stages and discharges of Altamaha River at Doctortown, Ga.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1948	Feb.23,24,1948	9.1	69,000	1954	Dec. 30, 1953	7.6	39,600
	Mar.20,21,1948	9.1	69,000				
	Apr. 4,5,1948	10.0	92,500	1955	Apr. 26, 1955	6.2	22,400
1949	Dec. 12, 1948	10.8	118,000	1956	Apr. 1, 1956	7.1	32,700
	Jan.12,13,1949	7.8	42,700				
	Feb.22,23,1949	8.3	51,700	1957	Apr.11-14,1957	7.0	31,400
	May 15, 1949	7.1	32,700				
	Sept.4,5,1949	6.9	30,200	1958	Dec. 12, 1957	7.4	36,700
					Feb. 23, 1958	7.2	34,000
1950	Mar.22-24,1950	6.3	23,400		Mar.15-20,1958	8.4	53,700
					Apr.19-22,1958	7.8	42,700
1951	Apr. 4,5,1951	6.8	29,000				
				1959	Feb.20-23,1959	7.6	39,600
1952	Mar.17-19,1952	9.2	71,400		Mar.16-21,1959	7.9	44,300
	Apr. 6, 1952	9.0	66,700				
				1960	Feb. 19, 1960	9.2	71,400
1953	Mar. 11, 1953	8.1	47,800		Apr. 12, 1960	9.9	89,600
	May 16, 1953	9.0	66,700				
				1961	Mar. 10, 1961	9.6	81,400
1954	Oct. 3,4,1953	7.2	34,000		Apr. 22, 1961	8.7	60,000

SATILLA RIVER BASIN

2262. Satilla River near Douglas, Ga.

Location.--Lat 31°25', long 82°51', at U.S. Highway 441 (State Highway 31) 6½ miles south of Douglas, Coffee County.

Drainage area.--235 sq mi.

Gage.--Crest-stage gage. Datum of gage is 150.17 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Georgia State Highway Department).

Stage-discharge relation.--Defined by current-meter measurements below 3,500 cfs and extended above on basis of a slope-conveyance study.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1948	April 1948	a15.4	-	1956	Feb. 8, 1956	5.81	1,100
				1957	Aug. 9, 1957	5.98	1,220
1951	Apr. 1, 1951	7.21	2,220	1958	Apr. 11, 1958	6.98	2,040
1952	Mar. 6, 1952	5.35	830	1959	Mar. 9, 1959	8.68	3,640
1953	Sept.29, 1953	7.46	2,490	1960	Apr. 5, 1960	10.60	6,040
1954	Dec. 17, 1953	(b)	<495				
1955	Apr. 16, 1955	5.31	800	1961	Apr. 16, 1961	9.60	4,680

a From Georgia State Highway Department.
b Peak stage did not reach bottom of gage.

2263. Satilla River near Pearson, Ga.

Location.--Lat 31°20', long 82°46', at State Highway 64, 6 miles northeast of Pearson, Atkinson County.

Drainage area.--355 sq mi.

Gage.--Crest-stage gage. Datum of gage is 123.18 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Georgia State Highway Department).

Stage-discharge relation.--Defined by current-meter measurements below 6,400 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges of Satilla River near Pearson, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1948	April 1948	a20.6	-	1957	June 10, 1957	11.43	1,780
				1958	Apr. 11, 1958	11.42	1,780
1953	Sept.29, 1953	13.61	3,240	1959	Mar. 9, 1959	15.93	6,940
1954	Jan. 3, 1954	9.82	1,180	1960	Apr. 5, 1960	16.63	8,200
1955	Apr. 15, 1955	9.24	970				
				1961	Apr. 16, 1961	13.71	3,740
1956	Feb. 22, 1956	11.62	1,870				

a From Georgia State Highway Department.

2265. Satilla River near Waycross, Ga.

Location.--Lat 31°14', long 82°19', on downstream side of pier near center of span of bridge on State Route 38, 3 miles northeast of Waycross, Ware County, and 16 miles upstream from Alabaha River.

Drainage area.--1,200 sq mi, approximately.

Gage.--Nonrecording prior to Nov. 22, 1952; recording thereafter. Prior to Nov. 22, 1952, at site 300 ft downstream. Datum of gage is 66.43 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 23,000 cfs and extended above on basis of slope-conveyance study.

Bankfull stage.--12 ft.

Historical data.--The flood of September 1928 reached a stage of 22.2 ft, from information by an employee of Atlantic Coast Line Railroad Co. This was reported by a local newspaper to be the highest known to the oldest settlers of the area at that time.

Remarks.--Base for partial-duration series, 2,700 cfs. Only annual peaks are shown prior to 1948.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1928	September 1928	22.2	37,000	1953	Apr. 18, 1953	14.3	4,300
					Aug. 12, 1953	12.6	2,800
1937	Apr. 11, 1937	16.2	9,240				
1938	July 30, 1938	14.1	4,160	1954	Oct. 1, 1953	18.1	13,800
1939	Mar. 4, 1939	17.0	11,000		Jan. 2, 1954	13.5	3,540
1940	Feb. 23, 1940	14.2	4,300				
				1955	Sept.14, 1955	11.6	2,220
1941	Mar.29,30,1941	10.8	1,960				
1942	Jan. 6, 1942	17.6	12,800	1956	Feb. 16, 1956	12.0	2,320
1943	Mar. 12, 1943	13.0	3,120				
1944	Mar. 10, 1944	18.0	13,400	1957	June 17, 1957	14.2	4,300
1945	Oct. 25, 1944	16.4	8,270				
				1958	Dec.9,10, 1957	12.8	2,850
1946	July 31, 1946	14.6	4,820		Mar. 15, 1958	14.6	4,560
1947	Apr. 21, 1947	16.5	8,520		Apr. 16, 1958	16.9	9,700
					May 28, 1958	13.3	3,230
1948	Oct. 19, 1947	18.6	15,800		June 30, 1958	13.3	3,230
	Nov. 16, 1947	16.3	8,020				
	Dec. 17, 1947	17.9	13,000	1959	Feb. 14, 1959	15.7	6,660
	Mar.13,14,1948	18.0	13,400		Mar.9,10, 1959	19.3	18,800
	Apr. 4, 1948	22.4	39,000		Apr. 8, 1959	14.2	4,040
					May 29,30,1959	14.6	4,560
1949	Dec. 26, 1948	14.0	4,060				
	Feb. 14, 1949	13.6	3,640	1960	Feb. 20, 1960	16.2	7,770
	Feb. 27, 1949	13.6	3,640		Apr. 8, 1960	19.7	20,600
	Apr.10,11, 1949	13.2	3,270		July 16, 1960	12.8	2,850
	May 7, 1949	13.5	3,540		Aug. 30, 1960	12.9	2,920
	Sept. 4, 1949	18.1	13,800				
				1961	Mar. 5, 1961	13.1	3,020
1950	July 15, 1950	13.4	3,450		Apr. 8, 1961	13.8	3,540
					Apr. 20, 1961	19.3	17,400
1951	Apr. 4, 1951	16.2	7,770				
1952	Mar.4-6, 1952	12.7	2,870				

2267. Whitehead Creek near Denton, Ga.

Location.--Lat 31°44', long 82°41', on left bank at downstream side of bridge on U.S. Highway 221 and State Highway 135, 1.0 mile northeast of Denton, Jeff Davis County, and 5.1 miles upstream from mouth.

Drainage area.--28 sq mi, approximately.

Gage.--Recording.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 250 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1957	June 9, 1957	3.20	116	1959	June 2, 1959	4.36	368
1958	Apr. 11, 1958	3.86	262	1960	Feb. 14, 1960	5.89	1,000
	Apr. 16, 1958	4.08	318		Apr. 3, 1960	5.51	840
	July 4, 1958	4.16	320		Apr. 5, 1960	5.98	1,040
1959	Mar. 6, 1959	6.24	1,160	1961	Apr. 12, 1961	3.89	254
	Mar. 16, 1959	4.72	470		Apr. 16, 1961	5.62	890

2269. Hurricane Creek near Hazlehurst, Ga.

Location.--Lat 31°41', long 82°34', on downstream side of highway bridge, 4.8 miles downstream from Whitehead Creek, and 13 miles south of Hazlehurst, Jeff Davis County.

Drainage area.--102 sq mi.

Gage.--Recording.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 450 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1957	July 21, 1957	4.67	722	1959	Apr. 3, 1959	5.15	960
					May 22, 1959	4.98	880
1958	Mar. 10, 1958	4.20	520		June 4, 1959	5.22	980
	Apr. 12, 1958	4.38	610		June 7, 1959	4.25	542
	Apr. 18, 1958	4.63	722				
	July 7, 1958	4.45	632	1960	Feb. 15, 1960	-	a2,350
					Apr. 6, 1960	7.89	3,180
1959	Feb. 7, 1959	4.30	565				
	Mar. 7, 1959	5.15	3,580	1961	Apr. 4, 1961	4.08	466
	Mar. 17, 1959	5.75	1,260		Apr. 17, 1961	7.47	2,580

a Estimated.

2270. Hurricane Creek near Alma, Ga.

Location.--Lat 31°34', long 82°28', near center of span on downstream side of bridge on U.S. Highway 1, 1½ miles north of Alma, Bacon County, and 11 miles upstream from Ten Mile Creek.

Drainage area.--150 sq mi, approximately.

Gage.--Recording. Datum of gage is 136.44 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 450 cfs.

Peak stages and discharges of Hurricane Creek near Alma, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	Dec. 25, 1951	5.63	798	1958	Mar. 11, 1958	5.23	578
	Mar. 1, 1952	5.02	473		Apr. 11, 1958	5.62	880
	June 2, 1952	5.32	620		Apr. 15, 1958	5.65	910
	June 10, 1952	5.06	492		May 25, 1958	5.05	500
					July 8, 1958	5.25	573
1953	Feb. 27, 1953	5.14	531				
	Apr. 16, 1953	5.15	542	1959	Feb. 9, 1959	5.60	770
	Sept.29, 1953	9.4	4,450		Mar. 8, 1959	8.4	3,360
					Mar. 18, 1959	6.50	1,380
1954	Oct. 3, 1953	5.88	940		Apr. 4, 1959	6.07	1,030
	Jan. 4, 1954	5.28	610		May 23, 1959	5.88	940
					June 5, 1959	5.90	940
1955	Apr. 16, 1955	4.95	460				
				1960	Feb. 16, 1960	7.70	2,370
1956	Feb. 11, 1956	5.12	530		Apr. 6, 1960	8.4	3,120
	Feb. 20, 1956	5.05	500				
				1961	Apr. 5, 1961	4.9?	530
1957	July 23, 1957	5.24	582		Apr. 16, 1961	7.76	2,420
					Aug. 27, 1961	5.02	530
1958	Oct. 5, 1957	4.98	472		Sept. 2, 1961	5.6?	825
	Dec.3,4, 1957	4.98	472				

2271. Little Hurricane Creek near Alma, Ga.

Location.--Lat 31°30', long 82°32', at State Highway 64, 5 miles southwest of Alma, Bacon County.

Drainage area.--61 sq mi, approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 1,700 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1948	April 1948	a10.0	-	1956	Feb. 11, 1956	3.83	105
1949	Sept. 1, 1949	7.93	-	1957	Apr. 9, 1957	3.83	105
1950	July 17, 1950	4.67	275	1958	Apr. 11, 1958	-	b1,280
				1959	Mar. 8, 1959	6.48	1,650
1951	Mar. 31, 1951	5.98	1,100	1960	Apr. 5, 1960	6.73	2,100
1952	Feb. 28, 1952	4.24	172				
1953	Sept.27, 1953	6.96	2,400	1961	Apr. 16, 1961	6.33	1,500
1954	Mar. 1, 1954	4.52	235				
1955	Apr. 16, 1955	3.75	93				

a About 10 ft, based on information furnished by local resident.
b Estimated.

2272. Little Hurricane Creek below Alma, Ga.

Location.--Lat 31°23', long 82°26', at State Highway 4, 8¼ miles south of Alma, Bacon County.

Drainage area.--111 sq mi.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 2,400 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1948	April 1948	a11.0	-	1956	Jan. 24, 1956	4.14	118
1949	August 1949	8.70	4,090	1957	July 23, 1957	5.70	720
1950	July 18, 1950	5.48	616	1958	Apr. 11, 1958	6.8?	1,650
				1959	Mar. 7, 1959	8.51	3,760
1951	Mar. 31, 1951	6.34	1,120	1960	Apr. 6, 1960	8.17	3,220
1952	Feb. 28, 1952	4.82	310				
1953	Sept.27, 1953	8.80	4,260	1961	Apr. 15, 1961	9.2?	5,140
1954	Jan. 1, 1954	4.81	310				
1955	Apr. 18, 1955	4.28	172				

a About 11 ft, from information furnished by local resident.

2274. Big Satilla Creek near Alma, Ga.

Location.--Lat 31°39', long 82°26', at State Highway 4, 8¼ miles north of Alma, Bacon County.

Drainage area.--112 sq mi.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 6,400 cfs and extended above by logarithmic plotting.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1948	April 1948	a13.8	12,000	1956	Jan. 24, 1956	4.01	690
1949	August 1949	5.89	2,070	1957	July 23, 1957	5.14	1,430
1950	Mar. 17, 1950	3.57	420	1958	Apr. 11, 1958	5.13	1,430
				1959	Mar. 8, 1959	7.84	3,850
1951	Mar. 31, 1951	6.73	2,780	1960	Apr. 6, 1960	6.88	2,960
1952	Sept.23, 1952	3.94	660				
1953	Sept.27, 1953	10.7	7,380	1961	Apr. 16, 1961	6.67	2,780
1954	Dec. 30, 1953	4.00	690				
1955	Apr. 15, 1955	3.55	420				

a From information furnished by local resident.

2274.3. Little Satilla Creek at Odum, Ga.

Location.--Lat 31°40', long 82°03', at State Highway 27 at Odum, Wayne County, and 10 miles northwest of Jesup.

Drainage area.--49 sq mi, approximately.

Gage.--Crest-stage gage. Datum of gage is 121.10 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Georgia State Highway Department).

Stage-discharge relation.--Defined by current-meter measurements below 1,200 cfs and extended above by logarithmic plotting.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1949	November 1948	a9.0	-	1956	May 7, 1956	4.09	90
1950	August 1950	6.29	1,140	1957	July 31, 1957	4.64	177
				1958	Apr. 11, 1958	5.38	492
1951	Apr. 3, 1951	5.41	492	1959	Mar. 6, 1959	6.46	1,350
1952	May 30, 1952	4.51	155	1960	Apr. 5, 1960	5.69	689
1953	Sept.27, 1953	6.38	1,240				
1954	Dec. 28, 1953	4.05	85	1961	Apr. 16, 1961	7.19	2,300
1955	Sept.14, 1955	4.17	96				

a About 9.0 ft, from information furnished by local resident.

2274.7. Little Satilla Creek near Jesup, Ga.

Location.--Lat 31°34', long 81°59', at State Highway 99, 7 miles southwest of Jesup, Wayne County.

Drainage area.--83 sq mi, approximately.

Gage.--Crest-stage gage. Datum of gage is 86.95 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Georgia State Highway Department).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges of Little Satilla Creek near Jesup, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1949	November 1948	all.8	-	1956	May 7, 1956	5.79	76
1950	September 1950	9.86	3,320	1957	Aug. 7, 1957	7.74	1,040
				1958	June 27, 1958	7.23	740
1951	Apr. 3, 1951	6.72	392	1959	Mar. 17, 1959	8.51	1,680
1952	Feb. 28, 1952	6.02	120	1960	Apr. 5, 1960	7.64	960
1953	Sept.27, 1953	8.71	1,870				
1954	Dec. 28, 1953	-	b96	1961	Apr. 16, 1961	8.67	1,820
1955	Apr. 16, 1955	6.21	183				

a From information furnished by local resident.
b Estimated on basis of record of upstream station.

2275. Little Satilla River near Offerman, Ga.

Location.--Lat 31°27', long 82°03', at right bank pier of steel truss span of Atlantic Coast Line Railroad bridge, 1,500 ft downstream from bridge on State Highway 38, 4 miles northeast of Offerman, Pierce County, and 16 miles upstream from mouth.

Drainage area.--646 sq mi.

Gage.--Recording. Prior to Nov. 8, 1952, at site 1,500 ft upstream. Datum of gage is 59.00 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 1,500 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Apr. 3, 1951	10.5	5,100	1958	Apr. 17, 1958	9.8	4,620
1952	June 1, 1952	8.8	1,860	1959	Feb.10,11,1959	8.7	2,430
					Mar. 7, 1959	11.4	8,860
1953	Apr.15,16,1953	8.2	1,610		Mar.18,19,1959	9.8	4,620
	Sept.29, 1953	13.5	17,200		Apr.5,6, 1959	9.0	3,010
					May 27, 1959	9.3	3,610
1954	Jan.2,3, 1954	8.2	1,610		June 8, 1959	10.2	5,500
					July 19,20,1959	8.6	2,230
1955	Apr. 17, 1955	7.6	1,180				
				1960	Nov.3,4, 1959	8.3	1,750
1956	Feb. 17, 1956	6.0	530		Feb. 19, 1960	9.2	3,410
					Apr. 8, 1960	10.6	6,570
1957	June 11, 1957	9.5	3,760		July 19, 1960	8.6	2,230
	Aug. 4, 1957	8.4	1,800				
				1961	Apr. 3, 1961	8.6	2,230
1958	Dec. 2, 1957	8.5	2,050		Apr. 18, 1961	12.4	12,600
	Mar. 2, 1958	8.5	2,050		Sept. 1, 1961	8.4	1,890
	Mar. 12, 1958	9.0	3,010				

2280. Satilla River at Atkinson, Ga.

Location.--Lat 31°13', long 81°52', on downstream side of right pier of bridge on U.S. Highway 84, 400 ft downstream from Atlantic Coast Line Railroad bridge and 1 mile west of Atkinson, Brantley County.

Drainage area.--2,790 sq mi, approximately.

Gage.--Nonrecording prior to Dec. 5, 1933; recording thereafter. Datum of gage is 14.79 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 68,000 cfs and extended above by logarithmic plotting.

Bankfull stage.--13 ft.

Historical data.--The flood of September 1929 reached a stage of 27.2 ft, from information furnished by local residents, and was the highest known at that time. Atlantic Coast Line Railroad records indicate that the 1929 flood was the highest since the railroad bridge was constructed about 1870.

Remarks.--Base for partial-duration series, 5,800 cfs. Only annual peaks are shown prior to 1935.

Peak stages and discharges of Satilla River at Atkinson, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	September 1929	27.2	110,000	1947	Apr. 25, 1947	16.0	13,800
					Sept.29, 1947	15.6	12,200
1931	Jan. 26, 1931	13.0	5,510				
1932	Aug. 31, 1932	15.4	12,200	1948	Oct. 22, 1947	18.4	25,400
1933	Feb. 18, 1933	17.0	15,200		Nov. 20, 1947	16.7	16,000
1934	June 11, 1934	15.8	11,900		Dec. 20, 1947	18.8	27,800
1935	Sept.18, 1935	16.2	13,000		Mar. 15, 1948	19.3	31,100
					Apr. 6, 1948	23.9	68,100
1936	Feb. 17, 1936	14.5	8,770				
	Aug. 13, 1936	13.4	6,210	1949	Dec.24,25,1948	14.2	7,650
					Feb.18-20,1949	13.6	6,450
1937	Mar. 1, 1937	13.7	6,940		May 9,10, 1949	13.6	6,450
	Mar. 31, 1937	16.2	13,100		Sept. 5, 1949	19.6	33,200
	Apr. 14, 1937	16.3	13,300				
	Aug. 18, 1937	14.7	9,120	1950	July 18, 1950	13.6	6,450
					Sept.11, 1950	16.6	15,500
1938	Aug.5,6, 1938	13.7	7,140				
				1951	Oct. 24, 1950	16.5	15,000
1939	Mar. 7, 1939	17.5	17,000		Apr. 9, 1951	16.0	13,000
1940	Feb.26,27, 1940	14.5	7,920	1952	Mar. 11, 1952	12.9	5,360
1941	July 27, 1941	13.2	6,080	1953	Apr. 23, 1953	13.4	6,220
1942	Jan. 9, 1942	18.8	26,600	1954	Oct. 3, 1953	19.8	34,600
	Feb. 27, 1942	14.8	9,280		Jan. 8, 1954	13.4	6,220
	Mar. 15, 1942	16.2	13,000				
				1955	Sept.21, 1955	11.8	3,900
1943	Mar.17,18, 1943	13.0	5,650				
				1956	Feb. 22, 1956	11.3	3,420
1944	Feb. 26, 1944	15.1	10,500				
	Mar. 14, 1944	17.9	23,400	1957	June 17, 1957	13.5	6,400
	Mar. 31, 1944	18.3	26,100				
	Apr. 27, 1944	17.0	18,200	1958	Mar.18-20,1958	14.4	8,280
					Apr. 20, 1958	17.3	19,000
1945	Oct. 30, 1944	15.6	12,200				
	May 8, 1945	13.6	6,800	1959	Feb. 19, 1959	14.9	9,500
	July 28, 1945	13.7	7,000		Mar.12,13,1959	19.1	29,700
	Aug. 27, 1945	15.2	10,800		June12,13,1959	15.5	11,200
	Sept.23, 1945	14.1	7,800				
				1960	Feb. 26, 1960	15.8	12,200
1946	Jan. 7, 1946	14.4	8,500		Apr.11,12,1960	19.1	31,100
	Feb. 2, 1946	13.4	6,420				
	Aug. 6, 1946	13.4	6,420	1961	Apr. 23, 1961	19.1	29,700
1947	Oct. 17, 1946	13.7	6,800				

2285. North Prong St. Marys River at Moniac, Ga.

Location.--Lat 30°31', long 82°14', in sec.8, T.1 N., R.21 E., Baker County, near right bank at upstream side of bridge on State Highway 94, 950 ft upstream from Georgia Southern & Florida Railway bridge, 0.5 mile west of Moniac, Charlton County, and 1.0 mile downstream from Moccasin Creek.

Drainage area.--About 160 sq mi, includes part of watershed in Okefenokee Swamp, which is indeterminate.

Gage.--Nonrecording January 1921 to June 1934, and Oct. 1 to Dec. 13, 1950; recording thereafter. At site 800 ft downstream at datum 3.22 ft higher January 1921 to June 1934. Datum of gage is 89.40 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 3,700 cfs.

Remarks.--Base for partial-duration series, 450 cfs. Only annual peaks are shown prior to 1961.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1921	July 31, 1921	-	a2,200	1952	Mar. 14, 1952	12.36	1,330
1922	Sept.19, 1922	5.9	370	1953	Sept.27, 1953	13.93	1,920
1923	Jan. 8, 1923	7.0	670	1954	Oct. 1, 1953	14.27	2,140
				1955	Sept. 8, 1955	9.79	443
1927	July 23, 1927	8.2	b1,100				
1928	Sept.19, 1928	16.7	6,060	1956	May 8, 1956	9.05	312
1929	Mar. 17, 1929	9.4	c1,610	1957	June 11, 1957	15.26	3,110
1930	Oct. 2, 1929	11.51	d2,640	1958	Apr. 11, 1958	13.38	1,590
				1959	Mar. 18, 1959	14.80	2,650
1932	Sept.16, 1932	10.20	e1,870	1960	Mar. 19, 1960	13.00	1,410
1933	Feb. 9, 1933	9.89	1,770				
1934	June 18, 1934	7.00	f550	1961	Oct. 9, 1960	10.21	472
					Aug. 31, 1961	10.76	668
1951	Oct. 22, 1950	16.20	4,050				

a Estimated; maximum during period January to September. b Maximum for period Jan. 26 to Sept. 30, 1927. c Maximum peak discharge; maximum discharge during year, 1,990 cfs at 2400 hours Sept. 30, stage rising. d Maximum for period Oct. 1, 1929, to June 30, 1930. e Maximum for period July 5 to Sept. 30, 1932. f Maximum for period Oct. 1, 1933, to July 10, 1934.

2290. Middle Prong St. Marys River at Taylor, Fla.

Location.--Lat 30°26', long 82°17', on line between secs. 2 and 3, T.1 S., R.20 E., near center of span on upstream side of bridge on State Highway 125, 0.5 mile southeast of Taylor, Baker County, and three-quarters of a mile upstream from Little River.

Drainage area.--125 sq mi, approximately.

Gage.--Recording. Datum of gage is 89.4 ft above mean sea level, datum of 1929 (from elevation of centerline of bridge, furnished by Florida State Road Department).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 300 cfs. Only annual peaks are shown prior to 1961.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1956	May 7, 1956	2.48	17	1961	Oct. 9, 1960	9.09	544
1957	June 11, 1957	10.51	1,040		July 21, 1961	7.83	376
1958	Apr. 10, 1958	11.96	2,030		Aug. 31, 1961	9.83	776
1959	Mar. 17, 1959	11.24	1,400				
1960	Mar. 18, 1960	11.08	1,320				

2295. South Prong St. Marys River near Sanderson, Fla.

Location.--Lat 30°12', long 82°16', in NW¼ sec.25, T.3 S., R.20 E., near left bank 5 ft downstream from bridge on State Highway 229, 1 mile upstream from small tributary, and 3½ miles south of Sanderson, Baker County.

Drainage area.--58 sq mi, approximately.

Gage.--Nonrecording. Datum of gage is 112.67 ft above mean sea level, datum of 1929 (Florida State Road Department bench mark).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Peaks are from graph based on twice-daily gage readings. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1956	May 7, 1956	a2.60	a26	1960	Mar. 18, 1960	5.91	906
1957	June 10, 1957	6.16	1,060				
1958	Apr. 12, 1958	a5.34	a597	1961	Oct. 10, 1960	5.18	b491
1959	May 24, 1959	6.10	1,020				

a Maximum observed.
b Maximum for period Oct. 1 to Dec. 31, 1960.

2300. Turkey Creek at Macclenny, Fla.

Location.--Lat 30°16'05", long 82°07'20", in NE¼ sec.5, T.3 S., R.22 E., near left bank at downstream side of bridge on State Highway 23, 0.9 mile south of Macclenny, Baker County, and 1.8 miles upstream from mouth.

Drainage area.--20.9 sq mi.

Gage.--Nonrecording and crest-stage gage. Datum of gage is 102.27 ft above mean sea level, datum of 1929 (Florida State Road Department bench mark).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 350 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1956	May 2, 1956	6.01	595	1959	Mar. 21, 1959	5.60	390
	May 6, 1956	6.87	1,110		May 21, 1959	6.94	1,160
					July 10, 1959	6.26	736
1957	Oct. 17, 1956	6.90	1,130		Sept.13, 1959	6.21	706
	June 9, 1957	6.60	940				
	July 31, 1957	5.91	545	1960	Feb. 25, 1960	5.78	480
					Mar. 17, 1960	6.01	595
1958	Oct. 1, 1957	5.59	386		July 28, 1960	5.75	465
	Apr. 10, 1958	6.69	994		Sept.11, 1960	5.86	520
	July 4, 1958	5.73	455		Sept.26, 1960	5.88	530
	July 29, 1958	5.62	400				
				1961	Oct. 8, 1960	5.61	395
1959	Jan. 3, 1959	5.69	435		July 27, 1961	5.71	445
	Mar. 6, 1959	5.85	515		Aug. 20, 1961	5.51	354
	Mar. 15, 1959	5.90	540				

2305. South Prong St. Marys River at Glen St. Mary, Fla.

Location.--Lat 30°16'40", long 82°08'40", in sec.31, T.2 S., R.22 E., on right bank 65 ft upstream from bridge on U.S. Highway 90 and 1.0 mile east of Glen St. Mary, Baker County.

Drainage area.--150 sq mi, approximately.

Gage.--Recording. Datum of gage is 77.13 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 1,500 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1947	September 1947	13.0	6,000	1956	May 7, 1956	8.78	1,150
1950	Sept. 7, 1950	12.71	a5,680	1957	June 9, 1957	10.36	2,750
1951	Oct. 22, 1950	-	b4,300	1958	Apr. 10, 1958	9.98	2,420
1952	Feb. 27, 1952	5.20	240	1959	Mar. 17, 1959	9.97	2,390
					Mar. 20, 1959	10.26	2,740
1953	Aug. 28, 1953	9.72	1,930		May 22, 1959	10.64	3,200
1954	Oct. 1, 1953	9.89	2,140	1960	Mar. 19, 1960	10.12	2,570
1955	July 18, 1955	6.64	454	1961	Aug. 20, 1961	9.77	2,150

a Maximum for period Jan. 1 to Sept. 30, 1950.
b Maximum daily.

2310. St. Marys River near Macclenny, Fla.

Location.--Lat 30°21'35", long 82°04'55", in sec.2, T.2 S., R.22 E., on right bank 200 ft downstream from site of former Stokes Bridge, 1 mile downstream from confluence of North and South Prongs, and 6 miles northeast of Macclenny, Baker County.

Drainage area.--720 sq mi, approximately; includes part of watershed in Okefenokee Swamp, which is indeterminate.

Gage.--Nonrecording prior to Feb. 21, 1939; recording thereafter. Prior to Aug. 15, 1948, at site of former bridge 200 ft upstream at same datum. Datum of gage is 40.00 ft above mean sea level (levels by Mees and Mees).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 2,000 cfs. Only annual peaks are shown prior to 1948 and 1954-60.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1927	Aug. 24, 1927	12.4	3,070	1943	Aug. 21, 1943	8.98	1,450
1928	Sept.20, 1928	21.9	26,100	1944	Aug. 28, 1944	14.85	5,770
1929	Mar. 18, 1929	14.18	a4,990	1945	Oct. 21, 1944	19.67	16,100
1930	Oct. 2, 1929	18.18	11,400				
				1946	Aug. 2, 1946	15.13	6,260
1931	Apr. 7, 1931	10.62	2,080	1947	Sept.25, 1947	22.29	28,100
1932	Sept.18, 1932	14.10	4,860				
1933	Apr. 17, 1933	14.38	5,250	1948	Oct. 8, 1947	12.9	3,520
1934	June 18, 1934	16.39	8,260		Oct. 18, 1947	17.6	10,300
1935	Sept. 8, 1935	14.20	4,990		Oct. 26, 1947	19.8	16,500
					Nov. 12, 1947	18.2	11,600
1936	Feb. 23, 1936	9.40	1,540		Dec. 23, 1947	15.2	6,200
1937	Sept.24, 1937	14.95	6,030		Feb. 1, 1948	13.0	3,620
1938	Aug. 8, 1938	16.25	7,920		Mar. 11, 1948	19.2	14,400
1939	Oct. 25, 1938	15.70	7,100		Apr. 3, 1948	21.97	26,600
1940	Feb. 20, 1940	11.11	2,250		Aug. 9, 1948	15.2	6,200
					Aug. 22, 1948	12.5	3,180
1941	July 28, 1941	9.17	1,520				
1942	Jan. 6, 1942	15.36	6,800	1949	Oct. 3, 1948	15.5	6,320

a Maximum peak discharge; maximum discharge during year, 9,590 cfs at 2400 hours Sept. 30, stage rising.

Peak stages and discharges of St. Marys River near Macclenny, Fla.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1949	Feb. 8, 1949	16.58	8,230	1955	Sept.15, 1955	6.85	762
	Sept. 2, 1949	14.5	4,970				
				1956	May 8, 1956	10.73	2,010
1950	July 17, 1950	11.3	2,290	1957	June 12, 1957	16.70	8,420
	Sept. 7, 1950	21.96	26,600	1958	Apr. 12, 1958	16.36	8,020
				1959	Mar. 18, 1959	17.42	10,000
1951	Oct. 22, 1950	21.23	22,600	1960	Mar. 19, 1960	16.80	7,770
1952	Feb. 28, 1952	10.23	1,810	1961	Oct. 10, 1960	12.64	3,150
					July 22, 1961	11.61	2,320
1953	Aug. 29, 1953	15.00	b5,600		Aug. 21, 1961	13.12	3,610
	Sept. 8, 1953	11.99	2,670		Aug. 28, 1961	14.92	5,770
1954	Oct. 2, 1953	18.27	11,900				

b Maximum independent peak discharge; maximum discharge during year, 7,870 cfs Sept. 28, 1953, occurred on peak preceding higher peak of Oct. 2, 1953.

ST. JOHNS RIVER BASIN

2315. Jane Green Creek near Deer Park, Fla.

Location.--Lat 28°04'27", long 80°53'18", in SE¼ sec.2, T.28 S., R.34 E., near right bank of leftmost of five channels on downstream side of bridge on county road, 1¼ miles southeast of Deer Park, Osceola County, and 2 miles downstream from confluence of Crabgrass and Bull Creeks.

Drainage area.--248 sq mi.

Gage.--Recording. Datum of gage is 18.55 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 11,000 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1954	Oct. 9, 1953	8.65	6,880	1958	Jan. 26, 1958	6.70	2,690
1955	Sept.13, 1955	7.89	4,580	1959	Mar. 21, 1959	7.61	4,170
				1960	Mar. 19, 1960	9.58	10,700
1956	Oct. 16, 1955	5.16	770				
1957	Oct. 17, 1956	10.95	18,400	1961	Oct. 10, 1960	7.60	3,000

2320. St. Johns River near Melbourne, Fla.

Location.--Lat 28°05'03", long 80°45'11", in NE¼ sec.6, T.28 S., R.36 E., on left bank 10 ft upstream from bridge on U.S. Highway 192, 1.0 mile downstream from Sawgrass Lake, 1.8 miles upstream from Lake Washington, and 9.2 miles west of Melbourne, Brevard County.

Drainage area.--874 sq mi.

Gage.--Nonrecording prior to July 26, 1940; recording thereafter. Datum of gage is 11.22 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual maximum daily discharges are shown.

Maximum peak stages and daily discharges of St. Johns River near Melbourne, Fla.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1940	Nov. 8, 1939	6.55	a1,090	1951	Oct. 23, 1950	8.45	-
				1952	Oct. 7, 1951	-	2,740
1941	July 29, 1941	7.71	3,600		Oct. 9, 1951	7.23	-
1942	Nov. 20, 1941	7.73	3,730	1953	Sept.19, 1953	-	7,930
1943	Aug. 5,6,7,9, 1943	6.9	b1,380		Sept.21, 1953	9.05	-
				1954	Oct. 10, 1953	-	11,300
1944	Oct. 13, 1943	7.36	2,300		Oct. 12, 1953	9.47	-
1945	Sept.20, 1945	-	6,380	1955	Oct. 3, 1954	-	3,290
	Sept.22, 1945	8.04	-		Oct. 14, 1954	7.01	-
1946	Aug. 9, 1946	-	3,270	1956	Oct. 13, 1955	6.1	d1,080
	Oct. 1, 1945	7.54	-	1957	Oct. 18, 1956	-	18,000
1947	Sept.23, 1947	-	9,690		Oct. 20, 1956	9.45	-
	Sept.30, 1947	9.15	-	1958	Jan. 29, 1958	-	1,780
1948	Sept.25, 1948	-	12,500		Feb. 1, 1958	6.20	-
	Sept.30, 1948	9.33	-	1959	Mar. 23, 1959	-	3,150
1949	Sept.11, 1949	7.5	c3,530		Sept.26, 1959	6.51	-
1950	Oct. 2, 1949	-	6,570	1960	Sept.26, 1960	-	8,720
	Oct. 5, 1949	8.56	-		Sept.30, 1960	9.66	-
1951	Oct. 21, 1950	-	9,280	1961	Jan. 20, 1961	4.67	e522

a Maximum observed for period Nov. 8, 1939, to Sept. 30, 1940. Higher discharge occurred in October 1939. b Maximum daily discharge for flood event whose crest occurred in the water year indicated. A higher daily discharge (1,850 cfs) occurred Sept. 27-29, 1943, stage rising; crested in succeeding water year. c Maximum daily discharge for flood event whose crest occurred in the water indicated. A higher daily discharge (8,670 cfs) occurred Oct. 3, 1948, on the recession from the crest that occurred in the preceding water year. d Maximum daily discharge for flood event whose crest occurred during the year; maximum daily discharge, 1,260 cfs Oct. 1, 1955, stage falling. e Maximum daily discharge for flood event whose crest occurred during the year; maximum daily discharge, 6,570 cfs Oct. 1, 1960, occurred on recession.

2322. Wolf Creek near Deer Park, Fla.

Location.--Lat 28°12'55", long 80°54'03", in NE¼ sec.22, T.26 S., R.34 E., near left bank just upstream from abandoned bridge, about three-quarters of a mile downstream from bridge on State Highway 419 and 8.5 miles north of Deer Park, Osceola County.

Drainage area.--26.3 sq mi.

Gage.--Recording. Datum of gage is 19.35 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 1,400 cfs and extended above by logarithmic plotting.

Remarks.--Base for partial-duration series, 300 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1956	Sept.29, 1956	4.26	a517	1959	Sept.20, 1959	4.02	380
1957	Oct. 7, 1956	4.50	678	1960	Oct. 18, 1959	6.47	1,650
	Oct. 16, 1956	7.93	7,700		Mar. 17, 1960	7.99	2,700
	Aug. 24, 1957	4.65	793		July 17, 1960	4.97	780
	Sept.17, 1957	4.08	412		July 27, 1960	4.38	491
					July 30, 1960	4.63	612
1958	Oct. 2, 1957	3.86	307		Sept.11, 1960	7.40	2,270
	Jan. 24, 1958	3.92	332		Sept.23, 1960	6.76	1,840
					Sept.30, 1960	4.17	425
1959	Mar. 1, 1959	4.25	511				
	Mar. 20, 1959	5.49	1,690	1961	Oct. 8, 1960	6.38	1,590
	Apr. 13, 1959	3.94	342		July 4, 1961	4.19	434
	Apr. 22, 1959	4.19	474		Aug. 29, 1961	3.90	316
	June 18, 1959	4.37	588				

a Maximum for period Jan. 1 to Sept. 30, 1956.

2324. St. Johns River near Cocoa, Fla.

Location.--Lat 28°22'10", long 80°52'22", in NW¼ sec.25, T.24 S., R.34 E., near right bank on downstream side of bridge on State Highway 520, 0.7 mile downstream from outlet of Lake Poinsett and 8.8 miles west of Cocoa, Brevard County.

Drainage area.--1,237 sq mi.

Gage.--Nonrecording prior to Oct. 1, 1959; recording thereafter. Prior to Oct. 1, 1959, at site 3.7 miles west on north shore of Lake Poinsett at datum 5.06 ft higher. Datum of gage is at mean sea level, datum of 1929. All gage heights adjusted to present datum.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1954	Oct. 11, 1953	16.96	a10,700	1958	Oct. 4, 1957	14.96	a3,630
1955	Oct. 15, 1954	14.78	a3,120	1959	Mar. 22, 1959	14.80	a3,980
				1960	Sept.25, 1960	16.48	9,990
1956	Oct. 14, 1955	14.37	a2,320				
1957	Oct. 24, 1956	16.36	a8,440	1961	Jan. 18, 1961	12.55	b1,200

a Maximum daily mean.
b Maximum peak discharge during year; maximum discharge, 8,860 cfs Oct. 1, 1960, stage falling.

2325. St. Johns River near Christmas, Fla.

Location.--Lat 28°32'35", long 80°56'40", in SW¼ sec.29, T.22 S., R.34 E., on left bank about 15 ft downstream from bridge on State Highway 50, 1.7 miles downstream from Tootoosahatchee Creek, 2 miles upstream from Lake Cane, and 4.5 miles east of Christmas, Orange County.

Drainage area.--1,418 sq mi.

Gage.--Nonrecording prior to July 23, 1934; recording thereafter. Datum of gage is 1.62 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Records do not include diversions through Ellis Canal from St. Johns River Marsh into Indian River. Discharge figures shown are peaks; a greater discharge occurred during some years because of a greater peak near the end of the preceding water year or the beginning of the succeeding water year. Base for partial duration series, 1,900 cfs. Only annual peaks are shown for 1934-47 and 1950-61.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1934	June 20, 1934	8.9	a4,800	1948	Jan.26-28,1948	7.1	3,350
1935	Oct.8,9,10,1934	6.97	1,640	1949	Oct. 9, 1948	9.86	10,200
1936	Oct.16,17,1935	8.56	4,700		Aug. 30, 1949	-	3,860
1937	Nov.14,15,1936	6.38	1,320	1950	Oct.5-9, 1949	-	6,600
1938	Nov. 30, 1937	b8.17	3,620	1951	Oct.20-25,1950	8.22	4,910
1939	Sept.29,30,1939	7.66	2,860	1952	Oct. 6, 1951	8.0	4,850
1940	Sept. 8-11,1940	-	2,000	1953	Sept.29, 1953	9.99	10,100
1941	July 28-31,1941	8.82	5,270	1954	Oct. 12, 1953	10.59	11,700
1942	Oct.22,23,1941	8.54	4,290	1955	Oct. 14, 1954	7.17	3,000
1943	Sept.21-24,1943	8.06	3,700				
1944	Sept.19-21,1944	c7.83	3,300	1956	Sept.10, 1956	d8.87	2,510
1945	Sept.19-21,1945	9.14	9,230	1957	Oct. 18, 1956	9.03	10,200
				1958	Oct. 5, 1957	7.64	4,010
1946	Aug. 31, 1946	7.00	3,500	1959	Mar. 23, 1959	8.05	4,980
1947	Aug. 1, 1947	7.38	4,130	1960	Sept.28, 1960	10.81	11,000
1948	Oct.12,13,1947	9.68	10,700	1961	Sept.20, 1961	7.04	2,440

a Maximum for period Dec. 14, 1933, to Sept. 30, 1934. b Occurred on Dec. 1, 2, 1937. c Occurred Oct. 13-15, 1943. d Occurred Oct. 18, 1955.

2335. Econlockhatchee River near Chuluota, Fla.

Location.--Lat 28°40'40", long 81°06'50", in W½ sec.10, T.21 S., R.32 E., near right bank at downstream side of bridge on State Highway 13, 2.6 miles northeast of Chuluota, Seminole County, and 10 miles upstream from mouth.

Drainage area.--260 sq mi, approximately.

Gage.--Nonrecording prior to May 18, 1939; recording thereafter. Datum of gage is 2.14 ft above mean sea level (Corps of Engineers bench mark). Since Sept. 3, 1943, recording gage on St. Johns River above Lake Harney near Geneva, 11 miles downstream from base gage, used as an auxiliary gage for this station.

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--Maximum stage known since at least 1928, that of Mar. 18,1960.

Remarks.--Records include some flow diverted from Lake Mary Jane in Lake Okeechobee and the Everglades basins through Disston Canal. Base for partial-duration series, 1,200 cfs. Only annual peaks are shown prior to 1948 and 1955-61.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1936	Mar. 13, 1936	9.70	1,450	1951	Oct. 20, 1950	16.54	7,350
1937	Oct. 15, 1936	10.55	1,760		Sept.22, 1951	10.09	1,570
1938	Dec. 1, 1937	10.57	1,760				
1939	June 18, 1939	11.61	2,430	1952	Oct. 5, 1951	11.03	2,000
1940	Aug. 6,7, 1940	a7.89	950		Mar. 29, 1952	9.53	1,360
1941	July 14, 1941	b11.45	2,160	1953	Oct. 23, 1952	12.00	2,630
1942	Oct. 24, 1941	11.64	2,040		Sept. 6, 1953	13.72	4,080
1943	Sept.22, 1943	11.75	2,000		Sept.21, 1953	11.72	2,420
1944	Aug. 3, 1944	10.67	1,670				
1945	Sept.18, 1945	17.93	9,040	1954	Oct. 12, 1953	11.46	1,970
					Nov. 28, 1953	10.93	1,900
1946	Aug. 5, 1946	9.72	1,200		June 7, 1954	10.70	1,770
1947	Sept.25, 1947	13.87	4,560				
				1955	Sept.13, 1955	9.75	1,350
1948	Jan. 27, 1948	14.16	2,260				
	Aug. 16, 1948	12.13	3,340	1956	Sept.12, 1956	11.52	2,250
	Sept.24, 1948	18.09	10,000	1957	Oct. 18, 1956	17.47	8,850
				1958	Mar. 6, 1958	11.67	2,360
1949	Aug. 30, 1949	13.17	c3,580	1959	Mar. 22, 1959	13.94	4,290
				1960	Mar. 18, 1960	18.69	11,000
1950	Oct. 1, 1949	13.28	3,700				
	Dec. 29, 1949	9.10	1,230	1961	Sept.19, 1961	13.75	4,100

a Occurred on July 9, 1940.
b Occurred on July 27, 1941.
c Maximum peak discharge; maximum discharge during the year, 3,700 cfs Oct. 1, 1948, stage falling.

2350. Wekiva River near Sanford, Fla.

Location.--Lat 28°49', long 81°25', on line between secs. 21 and 28, T.19 S., R.29 E., near right bank at downstream side of bridge on State Highway 46, 4½ miles downstream from Little Wekiva River, 5½ miles upstream from mouth, and 9 miles west of Sanford, Seminole County.

Gage.--Nonrecording prior to Jan. 18, 1960; recording thereafter. Datum of gage is 4.68 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Flow includes large ground-water inflow. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1936	June 5, 1936	4.36	912	1941	July 27, 1941	3.84	927
1937	Oct. 12, 1936	4.16	642	1942	Nov. 15, 1941	b3.78	605
1938	Oct. 2, 1937	3.98	673	1943	Aug. 22, 1943	4.28	884
1939	Sept.27, 1939	a3.90	711	1944	Aug. 6, 1944	3.90	604
1940	Apr. 9, 1940	3.45	484	1945	Sept.17, 1945	5.60	2,060

a Occurred on June 18, 1939.
b Occurred on Sept. 7, 1942.

Peak stages and discharges of Wekiva River near Sanford, Fla.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1946	July 29, 1946	4.52	890	1955	Oct. 10, 1954	4.60	c952
1947	Sept.23, 1947	4.82	1,130				
1948	Jan. 25, 1948	4.19	671	1956	Jan. 24, 1956	3.50	c347
1949	Aug. 29, 1949	4.54	929	1957	May 19,Aug. 24, 1957	e4.20	c748
1950	Sept. 7, 1950	4.78	1,130				
				1958	Mar. 3, 1958	3.62	c920
1951	Oct. 19, 1950	5.40	c1,610	1959	Mar. 20, 1959	4.18	c1,280
1952	Oct. 3, 1951	4.00	551	1960	Mar. 18, 1960	f6.09	1,950
1953	Aug. 29, 1953	-	d1,100				
1954	Oct. 9, 1953	4.10	c640	1961	Feb. 4, 1961	3.83	g757

c Maximum observed. d Maximum daily mean discharge. e Occurred on Oct. 16-19, 1956. f Occurred on Sept. 12, 1960. g Maximum peak discharge; maximum discharge during year, 1,470 cfs Oct. 1, 1960, stage falling.

2360. St. Johns River near De Land, Fla.

Location.--Lat 29°00'39", long 81°23'21", in Domingo Fernandez Grant, T.17 S., R.29 E., Lake County, on left bank 0.4 mile downstream from Francis P. Whitehair Bridge on State Highway 44 and 5 miles west of De Land, Volusia County.

Drainage area.--2,960 sq mi, approximately.

Gage.--Nonrecording prior to May 28, 1936; recording thereafter. Prior to May 28, 1936, at site of former Crows Bluff Bridge about 1,000 ft upstream. Datum of gage is 1.114 ft below mean sea level (levels by Corps of Engineers). Auxiliary recording gage at St. Francis Landing, 3.3 miles downstream from Whitehair Bridge. Prior to Jan. 16, 1943, an additional auxiliary recording gage 1 mile upstream from Whitehair Bridge. Since Oct. 1, 1959, additional auxiliary recording gage on St. Johns River near Sanford, 21.3 miles upstream from Whitehair Bridge.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Discharge figures shown are maximum daily discharges for flood events whose crest occurred in the water year indicated; a greater daily discharge occurred during some water years because of a greater peak near the end of the preceding water year or the beginning of the succeeding water year. Only annual maximum daily discharges are shown.

Maximum daily mean discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1934	July 5, 1934	-	10,600	1951	Nov. 4, 1950	-	10,800
1935	Oct. 6-10,1934	-	4,000	1952	-	-	a7,500
				1953	Nov. 10, 1952	-	8,560
1936	Oct. 23, 1935	-	7,900	1954	Oct. 11, 1953	7.17	-
1937	Oct. 24, 1936	-	3,300		Oct. 15, 1953	-	17,100
1938	Dec. 21, 1937	-	6,290	1955	Oct. 16, 1954	3.31	-
1939	July 24, 1939	-	3,250		Nov. 29, 1954	-	5,360
1940	Oct. 27, 1939	-	5,120				
				1956	Oct. 13, 1955	3.14	-
1941	Aug. 7, 1941	-	9,020		Oct. 30, 1955	-	3,690
1942	Oct. 30, 1941	-	6,860	1957	Nov. 2, 1956	-	9,910
1943	Sept. 8, 1943	-	5,200		Nov. 6, 1956	5.23	-
1944	Oct. 12, 1943	-	7,800	1958	Oct. 4, 1957	-	6,650
1945	Sept.30, 1945	-	14,400		Oct. 14, 1957	4.49	-
				1959	Apr. 3, 1959	4.22	-
1946	Sept.26, 1946	-	6,230		Apr. 8, 1959	-	9,060
1947	Aug. 29, 1947	-	5,920	1960	Mar. 28, 1960	-	13,000
1948	Oct. 23, 1947	-	13,400				
1949	Oct. 15, 1948	-	13,900	1961	Oct. 3, 1960	6.95	-
1950	Oct. 11, 1949	-	10,000		Oct. 13, 1960	-	16,000

a Estimated average for 5-day period Oct. 6-10, 1951.

2369. Palatlakaha Creek at Cherry Lake Outlet, near Groveland, Fla.

Location.--Lat 28°36', long 81°49', in NE¼ sec.8, T.22 S., R.25 E., near left bank 21 ft upstream from spillway structure at outlet of Cherry Lake and 3 miles northeast of Groveland, Lake County.

Drainage area.--160 sq mi, approximately.

Gage.--Recording. Datum of gage is at mean sea level (Gee and Jenson, Inc. bench mark). Prior to Aug. 20, 1957, auxiliary nonrecording gage and since Aug. 20, 1957, auxiliary recording gage, 20 ft downstream from spillway structure.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Flow regulated at station by manipulation of radial gates in spillway by Oklawaha Basin Recreation and Water Conservation and Control Authority. Only annual maximum daily discharges are shown.

Maximum daily mean discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1957	Sept.12, 1957	a96.47	225	1960	Apr. 5, 1960	97.93	584
1958	Mar. 13, 1958	b97.04	304				
1959	Sept.19, 1959	c98.15	359	1961	Dec. 8, 1960	96.23	d180

e Occurred on Sept. 4, 5, 1957. b Occurred on Apr. 10, 11, 1958. c Occurred on Apr. 22, 1959. d Maximum daily mean discharge for flood event whose crest occurred in the water year indicated. A higher daily mean discharge (446 cfs) occurred Oct. 1, 1960, on the recession from the crest that occurred in the preceding water year.

2370. Palatlakaha Creek near Mascotte, Fla.

Location.--Lat 28°37', long 81°51', in sec.36, T.21 S., R.24 E., on right bank 5 ft upstream from highway bridge, 0.2 mile downstream from Lake Emma, and 3¼ miles northeast of Mascotte, Lake County.

Drainage area.--180 sq mi, approximately.

Gage.--Nonrecording prior to May 21, 1946; recording thereafter. Datum of gage is 89.54 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Discharge figures shown are peaks; a greater discharge occurred during some years because of a greater peak near the end of the preceding water year or the beginning of the succeeding water year. Base for partial-duration series, 150 cfs. Only annual peaks are shown prior to 1948 and since 1950.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1945	Sept.21-30,1945	7.04	a444	1950	May 22, 1950	3.75	34
1946	Oct. 4, 1945	7.06	458	1951	Oct. 21, 1950	5.52	222
1947	Apr. 17, 1947	4.49	100	1952	Dec. 27, 1951	5.84	206
				1953	May 7,8-12,1953	4.83	74
1948	Oct. 17, 1947	6.61	362	1954	Oct. 11, 1953	7.12	372
	Mar.9-13, 1948	5.86	253	1955	Sept.29, 1955	4.00	37
	Sept.7-10,1948	-	289				
				1956	Dec. 9, 1955	5.16	b117
1949	Oct. 18, 1948	6.35	326				
	Sept.29, 1949	6.31	342				

a Maximum for period June 1 to Sept. 30, 1945.
b Maximum during period Oct. 1 to Mar. 20, 1956.

2380. Haines Creek at Lisbon, Fla.

Location.--Lat 28°52'20", long 81°46'50", in sec.2, T.19 S., R.25 E., on left bank at upstream side of Burrell lock and dam, 900 ft upstream from bridge on State Highway 44, a quarter of a mile south of Lisbon, Lake County, and 7 miles northeast of Leesburg.

Drainage area.--640 sq mi, approximately.

Gage.--Nonrecording prior to Oct. 8, 1957; recording thereafter. Prior to Mar. 5, 1957, at site 1,000 ft downstream. Prior to Aug. 22, 1956, at datum 58.93 ft higher. Datum of gage is at mean sea level, datum of 1929. Mar. 6 to Oct. 8, 1957, auxiliary nonrecording gage and since Oct. 9, 1957, auxiliary recording gage, at downstream side of lock and dam.

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--Maximum stage known, that of 1926, from information by local residents.

Remarks.--Since Dec. 23, 1956, flow regulated by manipulation of radial gates in spillway by Oklawaha Basin Recreation and Water Conservation and Control Authority. Discharge figures shown are peaks; a greater discharge occurred during some years because of a greater peak near the end of the preceding water year or the beginning of the succeeding water year. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1926	-	a65.3	-	1951	Feb. 7, 1951	3.11	382
				1952	Apr. 1, 1952	2.77	400
1942	July 13, 1942	3.30	381	1953	Sept.30, 1953	3.74	568
1943	Sept.22, 1943	2.51	196	1954	Jan. 4, 1954	4.24	819
1944	Jan. 20, 1944	2.13	169	1955	Oct. 9, 1954	2.58	308
1945	Oct. 26, 1944	3.16	384	1956	Feb. 11, 1956	1.36	239
1946	Oct. 26, 1945	3.68	585	1957	Sept. 8, 1957	b[f]2.60	c1,010
1947	Apr. 21, 1947	2.78	313	1958	Mar.13-14,16,1958	d[f]3.24	c1,330
1948	Mar. 12, 1948	3.47	507	1959	May 24, 1959	e[f]3.75	c1,050
1949	Oct.5,9-10,1948	3.84	557	1960	May 14, 1960	f[f]4.50	c1,260
1950	Oct.7-8,11,1949	4.22	704	1961	Nov.8-12, 1960	g[f]4.04	c1,220

a At former site, present datum. b Occurred Sept. 30, 1957. c Maximum daily mean. d Occurred on Apr. 22, 1958. e Occurred on Apr. 22-23, 1959. f Occurred on Apr. 5, 7-8, 1960. g Occurred on Oct. 14, 15, 1960.

2385. Oklawaha River at Moss Bluff, Fla.

Location.--Lat 29°05', long 81°53', in sec. 22 or 23, T.16 S., R.24 E., on left bank 25 ft upstream from old channel, 50 ft upstream from bridge on State Highway 464, 600 ft downstream from powerplant, and 0.4 mile southwest of Moss Bluff, Marion County.

Drainage area.--910 sq mi, approximately.

Gage.--Recording. Datum of gage is at mean sea level (Corps of Engineers bench mark).

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--Flood of Sept. 12, 1960, is maximum known; from Corps of Engineers records.

Remarks.--Records include flow of old Oklawaha River channel. Flow regulated by powerplant above station. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1944	July 4, 1944	45.69	356	1951	Oct. 19, 1950	48.10	796
1945	Oct. 19, 1944	49.31	988	1952	Feb. 17, 1952	47.94	731
				1953	Sept.27, 1953	48.22	784
1946	Feb. 28, 1946	48.37	811	1954	Jan. 11, 1954	49.49	1,060
1947	Sept.23, 1947	48.50	831	1955	Aug. 13, 1955	47.07	613
1948	Aug. 19, 1948	48.42	811				
1949	Sept.23, 1949	a48.47	855	1960	Sept.12, 1960	50.83	1,630
1950	Oct. 2, 1949	48.22	830				

a Occurred Aug. 28, 1949.

2390. Oklawaha River near Ocala, Fla.

Location.--Lat 29°11', long 82°00', in sec.15, T.15 S., R.23 E., on left bank about 15 ft upstream from highway bridge known as Sharpes Ferry, 2 miles upstream from Silver River, and 9 miles east of Ocala, Marion County.

Drainage area.--1,070 sq mi, approximately.

Gage.--Nonrecording prior to Mar. 2, 1932; recording thereafter. Datum of gage is 36.52 ft above mean sea level, datum of 1929, supplementary adjustment of 1937 (Corps of Engineers bench mark). Since Oct. 1, 1957, recording gage on Sharpes Ferry artesian well for Silver Springs near Ocala used as auxiliary gage for this station.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1930	Mar. 29, 1930	4.12	a1,110	1946	(e)	3.99	1,200
				1947	Sept.24, 1947	3.92	1,160
1931	Apr. 5, 1931	4.00	1,160	1948	Aug.19-22,1948	-	1,020
1932	Oct. 3, 1931	1.68	385	1949	Aug. 28, 1949	4.15	1,220
1933	Sept.6-9,1933	5.52	1,030	1950	Sept. 6, 1950	4.86	1,590
1934	June 15, 1934	5.14	1,810				
1935	Oct. 8, 1934	3.85	1,090	1951	Oct. 19, 1950	4.15	1,220
				1952	Feb. 18, 1952	3.63	968
1936	Apr. 1, 1936	b3.40	862	1953	Aug. 27, 1953	4.15	1,220
1937	Aug. 31, 1937	4.58	1,720	1954	Dec. 24, 1953	4.55	1,470
1938	Oct. 11, 1937	3.45	854	1955	Oct. 9, 1954	2.88	673
1939	Aug. 29, 1939	c3.52	906				
1940	Feb. 19, 1940	d2.32	525	1956	Feb. 7, 1956	.74	359
				1957	Sept.17, 1957	f1.54	490
1941	July 31, 1941	2.85	698	1958	Apr. 24, 1958	3.97	g1,360
1942	Jan. 6,7, 1942	3.55	905	1959	Mar. 20, 1959	4.71	1,740
1943	Aug. 21, 1943	3.00	723	1960	Mar. 18, 1960	5.68	2,270
1944	Aug. 11, 1944	2.71	638				
1945	Oct. 19, 1944	4.26	1,340	1961	Sept.11, 1961	1.37	h431

a Maximum for period Feb. 12 to Sept. 30, 1930. b Occurred on Feb. 21, 1936. c Occurred on Aug. 5, 1939. d Occurred on Oct. 1, 1939. e Feb. 28, Mar. 1, 1946. f Occurred on Aug. 19, 1957. g Maximum daily mean. h Maximum daily mean discharge for flood event whose crest occurred during year; maximum daily mean, discharge during year, 2,040 cfs Oct. 8, occurred on recession following crest of Sept. 13, 1960.

2400. Oklawaha River near Conner, Fla.

Location.--Lat 29°13', long 81°59', in sec.3, T.15 S., R.23 E., on right bank 15 ft downstream from bridge on State Highway 40, a quarter of a mile downstream from Silver River, about 1½ miles southwest of Conner, and 8 miles east of Ocala.

Drainage area.--1,140 sq mi, approximately.

Gage.--Nonrecording prior to Aug. 24, 1935; recording thereafter. Datum of gage is 31.79 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Records include flow of Silver Springs. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1930	Mar. 29, 1930	7.37	a2,280	1939	Aug. 30, 1939	6.28	1,720
				1940	Feb. 19, 1940	5.40	b1,290
1931	Apr. 6, 1931	7.29	2,430				
1932	Oct. 3, 1931	5.55	1,200	1941	Apr. 5, 1941	c5.93	1,460
1933	Sept. 6, 1933	9.14	3,700	1942	July 27, 1942	6.67	1,890
1934	June 15, 1934	8.50	3,430	1943	Aug. 21, 1943	6.10	1,450
1935	Oct.2-5,9,1934	6.80	1,930	1944	Aug. 11, 1944	5.98	1,500
				1945	Oct. 19, 1944	7.33	2,320
1936	June 3, 1936	6.78	1,860				
1937	Aug. 31, 1937	7.58	2,590				
1938	Oct. 11, 1937	6.97	1,960	1946	Feb. 28, 1946	6.86	2,120

a Maximum for period Feb. 13 to Sept. 30, 1930. b Maximum peak discharge; maximum discharge during year, 1,500 cfs Oct. 1-3, 1939, stage falling. c Occurred on July 27-29, 1941.

2405. Oklawaha River at Eureka, Fla.

Location.--Lat 29°22', long 81°54', in sec.9, T.13 S., R.24 E., on right bank 20 ft upstream from bridge on State Highway 316 in Eureka, Marion County, and 3 miles downstream from Eaton Creek.

Drainage area.--1,480 sq mi, approximately.

Gage.--Nonrecording prior to Nov. 19, 1943; recording thereafter. Datum of gage is 15.44 ft above mean sea level, datum of 1929 (Corps of Engineers bench mark).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 1,500 cfs. Only annual peaks are shown prior to 1948 and since 1951.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1930	Mar. 30, 1930	8.0	a3,400	1948	Mar. 12, 1948	7.26	2,490
					Aug. 14, 1948	7.09	2,320
1931	Apr. 7, 1931	7.88	3,030				
1932	Oct. 1, 1931	5.54	1,210	1949	Oct. 5, 1948	7.50	2,750
1933	Sept. 7, 1933	11.00	6,260		Apr. 8, 1949	6.60	1,900
1934	June 17, 1934	10.06	5,360		July 26, 1949	6.26	1,640
					Aug. 17, 1949	6.34	1,700
1944	Aug. 13, 1944	6.70	1,950		Aug. 30, 1949	8.03	3,230
1945	Oct. 21, 1944	8.75	3,950		Sept.28, 1949	7.25	2,480
1946	Mar. 2, 1946	7.60	2,760	1950	Sept. 7, 1950	b10.12	5,370
1947	Sept.25, 1947	7.81	2,940				
				1951	Oct. 21, 1950	8.14	3,350
1948	Oct. 26, 1947	7.26	2,490	1952	Feb. 19, 1952	7.16	2,460
	Jan. 26, 1948	7.35	2,580	1953	Oct. 24, 1952	6.35	c1,700

a Maximum for period Feb. 13 to Sept. 30, 1930.
b Occurred on following day.
c Maximum for period Oct. 1 to Dec. 31, 1952.

2415. Orange Lake Outlet near Citra, Fla.

Location.--Lat 29°26', long 82°07', in sec.21, T.12 S., R.22 E., on left bank 5 ft upstream from bridge on U.S. Highway 301 and State Highway 200, 0.8 mile south of Island Grove, and 1.5 miles north of Citra, Marion County.

Drainage area.--Total drainage area of Orange Lake Outlet near Citra and Lochloosa Lake Outlet near Lochloosa is 1,100 sq mi, approximately (includes Payne's Prairie, a diked sinkhole area of about 775 sq mi, which is noncontributing except by pumpage).

Gage.--Nonrecording prior to Mar. 28, 1947; recording thereafter. Datum of gage is 53.41 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Orange and Lochloosa Lakes are connected by Cross Creek, through which there may be a natural diversion from one lake to the other. Seasonal diversions into or from basin above station by pumpage for drainage or irrigation of pastures in Payne Prairie. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1947	Oct. 11, 1946	7.30	499	1952	Feb. 27, 1952	5.44	251
1948	Mar. 17, 1948	7.81	677	1953	May 1, 1953	4.53	a82
1949	Oct. 6, 1948	6.46	362	1954	Oct. 10, 1953	6.26	467
1950	Sept.15, 1950	5.86	359	1955	Oct. 8, 1954	3.04	9.9
1951	Oct. 27, 1950	6.06	401				

a Maximum peak discharge; maximum discharge during year, 382 cfs Sept. 30, 1953, stage rising.

2425. Lochloosa Lake Outlet near Lochloosa, Fla.

Location.--Lat 29°29'10", long 82°06'10", in sec.3, T.12 S., R.22 E., on right bank at upstream side of wingwall of culvert on U.S. Highway 301 and State Highway 200, 1.3 miles south of Lochloosa, Alachua County, and 2.4 miles north of Island Grove.

Drainage area.--Total drainage area of Orange Lake Outlet near Citra and Lochloosa Lake Outlet near Lochloosa is 1,100 sq mi, approximately (includes Payne's Prairie, a diked sinkhole area of about 775 sq mi, which is noncontributing except by pumpage).

Gage.--Nonrecording prior to Mar. 28, 1947; recording thereafter. Datum of gage is 55.41 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Orange and Lochloosa Lakes are connected by Cross Creek, through which there may be a natural diversion of flow from one lake to the other. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1947	Oct. 11, 1946	5.5	250	1952	Feb. 27, 1952	3.65	45
1948	Mar. 12, 1948	6.04	341	1953	Oct. 21, 1952	3.08	a7.2
1949	Oct. 12, 1948	4.66	147	1954	Oct. 2, 1953	b4.4s	108
1950	Sept. 8, 1950	4.22	108	1955	-	-	(c)
1951	Oct. 23, 1950	4.49	138				

a Maximum peak discharge; maximum discharge during year, 106 cfs Sept. 30, 1953, stage rising.
b Occurred on Jan. 11, 1954.
c No flow during the year.

2430. Orange Creek at Orange Springs, Fla.

Location.--Lat 29°30'34", long 81°56'47", in NE¼ sec.25, T.11 S., R.23 E., near right bank at downstream side of bridge on State Highway 21, a quarter of a mile northwest of Orange Springs, Marion County, and 1¼ miles upstream from Little Orange Creek.

Drainage area.--1,210 sq mi, approximately (includes Payne's Prairie, a diked sinkhole area of about 775 sq mi, which is noncontributing except by pumpage).

Gage.--Nonrecording prior to Oct. 18, 1955; recording thereafter. Datum of gage is 19.81 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 1,500 cfs and extended above.

Remarks.--Records include some flow diverted during periods of high stages from Santa Fe Lake in Suwannee River basin through Lochloosa Creek. Base for partial-duration series, 500 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1942	October 1941	10.6	2,400	1948	Mar. 11, 1948	8.72	1,340
					July 31, 1948	7.24	587
1943	Sept. 8, 1943	7.65	775		Aug. 14, 1948	7.53	715
					Sept. 5, 1948	7.11	554
1944	Apr. 4, 1944	6.30	310				
				1949	Oct. 4, 1948	8.04	974
1945	Oct. 19, 1944	7.70	800		Apr. 5, 1949	7.54	720
	July 20, 1945	7.10	530				
				1950	Sept. 7, 1950	8.53	1,240
1946	Dec. 29, 1945	7.27	599				
	Sept.25, 1946	7.84	870	1951	Oct. 21, 1950	8.16	1,040
1947	Oct. 9, 1946	8.04	974	1952	Oct. 2, 1951	7.40	655
	Sept.24, 1947	8.14	1,030		Nov. 17, 1951	7.31	616
					Feb. 17, 1952	7.07	519
1948	Oct. 24, 1947	7.92	910		Feb. 24, 1952	7.04	508
	Nov. 19, 1947	7.68	790				
	Jan. 21, 1948	7.53	715	1956	June 26, 1956	4.69	102
	Jan. 25, 1948	8.26	1,090				

Peak stages and discharges of Orange Creek at Orange Springs, Fla.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1957	Sept.21, 1957	7.12	536	1959	July 14, 1959	8.06	986
					Aug. 31, 1959	7.30	635
1958	Apr. 10, 1958	6.37	354		Sept.13, 1959	8.03	968
1959	Mar. 17, 1959	7.88	945	1960	Mar. 18, 1960	8.52	1,230
	Mar. 20, 1959	8.07	1,020		June 29, 1960	6.97	516
	Apr. 3, 1959	7.84	870		Aug. 7, 1960	7.65	782
	Apr. 22, 1959	7.79	846		Sept.11, 1960	8.31	1,120
	May 21, 1959	7.10	560				
	June 5, 1959	7.55	738	1961	Nov. 1, 1960	7.78	840
	June 21, 1959	7.80	850				

2435. Oklawaha River near Orange Springs, Fla.

Location.--Lat 29°30'15", long 81°54'45", in sec.29, T.11 S., R.24 E., on left bank of Jordans Ferry and mouth of Orange Creek, 2 miles east of Orange Springs, Marion County.

Drainage area.--2,850 sq mi, approximately (includes Payne's Prairie, a diked sinkhole area of about 775 sq mi, which is noncontributing except by pumpage).

Gage.--Nonrecording. Prior to Oct. 1, 1936, at site a quarter of a mile downstream at same datum. Datum of gage is 7.12 ft above mean sea level, datum of 1929 (Corps of Engineers bench mark).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Records include flow of Orange Creek. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1930	Mar. 29, 1930	8.64	a3,860	1942	Oct. 23, 1941	10.75	6,900
				1943	Sept.22, 1943	8.02	3,120
1931	Apr. 8, 1931	8.04	3,860	1944	Aug. 15, 1944	6.60	2,160
1932	Oct. 1, 1931	4.88	1,240	1945	Oct. 22, 1944	9.38	4,560
1933	Sept. 9, 1933	11.60	9,760				
1934	June 19, 1934	10.10	6,350	1946	Sept.20, 1946	7.86	3,050
1935	Sept.6-9, 1935	8.36	4,100	1947	Sept.24-27,1947	8.84	3,830
				1948	Mar. 12, 1948	9.35	4,560
1936	Feb. 10, 1936	8.15	3,880	1949	Oct. 4, 1948	8.90	3,940
1937	Sept. 3, 1937	8.70	4,120	1950	Sept. 9, 1950	11.12	7,420
1938	(b)	7.54	2,980				
1939	Aug. 29, 1939	7.64	3,060	1951	Oct. 22, 1950	9.27	4,380
1940	Oct. 2, 1939	6.40	1,990	1952	Feb. 27, 1952	7.91	3,040
				1953	Oct. 23, 1952	6.58	c2,020
1941	July 27, 1941	7.34	2,850				

a Maximum for period Feb. 15 to Sept. 30, 1930.
b Oct. 5-7, 1937, Aug. 7-8, 1938.
c Maximum for period Oct. 1 to Dec. 31, 1952.

2440. Oklawaha River at Riverside Landing, near Orange Springs, Fla.

Location.--Lat 29°30', long 81°48', in sec.33, T.11 S., R.25 E., Putnam County, on right bank near boat dock at Riverside Landing, 8¼ miles east of Orange Springs, Marion County.

Drainage area.--2,940 sq mi, approximately (includes Payne's Prairie, a diked sinkhole area of about 775 sq mi, which is noncontributing except by pumpage).

Gage.--Recording. Datum of gage is at mean sea level (Corps of Engineers bench mark).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1944	Aug. 10, 1944	6.94	3,280	1953	Sept. 1, 1953	7.96	4,950
1945	Oct. 23, 1944	8.54	5,550	1954	Oct. 4, 1953	8.30	5,480
				1955	Oct. 16, 1954	5.90	1,870
1946	Sept.21, 1946	7.60	4,100				
1947	Sept.24, 1947	8.57	5,720	1956	Oct. 3, 1955	4.77	1,200
1948	Mar. 12, 1948	8.83	6,060	1957	Aug. 10, 1957	6.29	2,410
1949	Oct. 4, 1948	8.35	5,490	1958	Mar. 12, 1958	6.67	2,840
1950	Sept.10, 1950	9.50	7,320	1959	Mar. 21, 1959	9.03	6,520
				1960	Mar. 20, 1960	9.80	7,830
1951	Oct. 23, 1950	8.43	5,540				
1952	Oct. 3, 1951	7.57	4,180	1961	Sept. 1, 1961	6.10	a2,220

a Maximum independent peak discharge; maximum discharge during year, 5,740 cfs Oct. 10, 1960, occurred on the recession following peak of Sept. 15, 1960.

2445. Little Haw Creek near Seville, Fla.

Location.--Lat 29°19', long 81°23', in SE¼ sec.32, T.13 S., R.29 E., on right bank 600 ft downstream from bridge on State Highway 305, 1.4 miles downstream from Lake Disston, and 6.4 miles east of Seville, Volusia County.

Drainage area.--120 sq mi, approximately.

Gage.--Recording. Prior to Jan. 5, 1953, at site 600 ft upstream at same datum. Datum of gage is 5.74 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	July 19, 1951	5.96	a226	1957	Oct. 18, 1956	7.10	501
1952	Oct. 4, 1951	8.13	697	1958	Mar. 10, 1958	7.21	608
1953	Sept.24, 1953	8.72	1,490	1959	Mar. 21, 1959	7.68	649
1954	Oct. 10, 1953	7.93	759	1960	Mar. 19, 1960	8.58	1,600
1955	Oct. 15, 1954	5.07	162				
				1961	Sept. 6, 1961	6.96	b499
1956	Nov. 10, 1955	3.69	71				

a Maximum peak discharge for period Jan. 1 to Sept. 30, 1951; maximum discharge during year, 495 cfs Sept. 30, 1951, stage rising.
b Maximum peak discharge; maximum discharge during year, 558 cfs Oct. 1, 1960, stage falling.

2455. South Fork Black Creek near Penney Farms, Fla.

Location.--Lat 29°58'45", long 81°51'08", in NE¼ sec.13, T.6 S., R.24 E., on right bank at upstream side of bridge on State Highway 16, 0.7 mile downstream from Greens Creek, 2½ miles west of Penny Farms, Clay County, and 9½ miles west of Green Cove Springs.

Drainage area.--134 sq mi.

Gage.--Nonrecording prior to July 18, 1940; recording thereafter. Datum of gage is 9.82 ft above mean sea level, datum of 1929 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 11,000 cfs.

Remarks.--Base for partial-duration series, 1,300 cfs. Only annual peaks are shown prior to 1948.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1940	Feb. 19, 1940	12.00	1,140	1953	Aug. 11, 1953	15.22	2,120
					Aug. 24, 1953	19.08	5,430
1941	Dec. 25, 1940	14.16	1,650		Aug. 27, 1953	15.88	2,550
1942	Oct. 21, 1941	21.65	8,560		Aug. 29, 1953	17.14	3,530
1943	Aug. 15, 1943	19.87	6,240		Sept. 1, 1953	13.88	1,520
1944	Aug. 9, 1944	16.64	2,840				
1945	Oct. 19, 1944	26.33	13,900	1954	Dec. 24, 1953	15.89	2,550
1946	Dec. 26, 1945, May 20, 1946	13.92	1,530	1955	Sept.13, 1955	8.02	608
1947	Sept.24, 1947	22.60	9,390	1956	June 22, 1956	9.99	809
1948	Oct. 25, 1947	20.36	7,130	1957	Oct. 17, 1956	15.69	2,410
	Nov. 2, 1947	17.70	4,520				
	Jan. 24, 1948	17.90	4,710	1958	Apr. 16, 1958	14.07	1,600
	Mar. 11, 1948	19.20	5,970				
	Apr. 2, 1948	15.00	2,010	1959	Jan. 3, 1959	14.03	1,580
					Mar. 17, 1959	16.28	2,650
1949	Oct. 3, 1948	18.88	5,230		Mar. 21, 1959	15.89	2,100
	Aug. 29, 1949	14.10	1,610		May 21, 1959	25.21	12,500
	Sept.29, 1949	13.50	1,410		May 25, 1959	13.50	1,410
					June 2, 1959	13.30	1,350
1950	Oct. 2, 1949	14.80	1,900				
	Sept. 7, 1950	18.68	5,020	1960	Mar. 18, 1960	18.15	4,470
	Sept.30, 1950	16.80	3,230		July 17, 1960	13.48	1,500
					July 30, 1960	12.81	1,300
1951	Oct. 19, 1950	21.25	7,970		Sept.12, 1960 (a)	18.37 -	4,690 -
1952	Feb. 17, 1952	11.93	1,110				
				1961	Oct. 7, 1960	13.81	1,620
1953	Oct. 22, 1952	13.67	1,460		July 19, 1961	16.25	2,840
	Apr. 7, 1953	17.57	3,920		Aug. 27, 1961	17.00	3,400
	Apr. 20, 1953	19.40	5,790		Aug. 30, 1961	12.93	1,340
	July 27, 1953	13.17	1,310				

a About Sept. 26 or 27, 1960; gage height and discharge unknwon.

2460. North Fork Black Creek near Middleburg, Fla.

Location.--Lat 30°06'47", long 81°54'24", in NE¼ sec.33, T.4 S., R.24 E., on left bank a third of a mile upstream from Big Branch, 4 miles northwest of Middleburg, Clay County, and 6¾ miles upstream from confluence with South Fork.

Drainage area.--174 sq mi.

Gage.--Nonrecording prior to Apr. 28, 1955; recording thereafter. Prior to Mar. 31, 1933, at site three-eighths of a mile downstream at different datum. Datum of gage is 0.62 ft above mean sea level, datum of 1929 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 7,000 cfs.

Historical data.--Maximum stage known, that of June 1919, from information by old resident.

Remarks.--Base for partial-duration series, 1,300 cfs. Only annual peaks are shown prior to 1949.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1919	June 1919	25.3	15,000	1953	Aug. 22, 1953	15.28	2,460
					Aug. 28, 1953	17.78	4,890
1932	Sept.16, 1932	8.88	929		Sept.28, 1953	14.98	2,270
1933	Sept. 6, 1933	19.35	6,000				
1934	June 15, 1934	18.53	5,580	1954	Oct. 2, 1953	13.32	1,560
1935	Sept. 6, 1935	16.38	3,340		Oct. 5, 1953	13.16	1,530
					Oct. 10, 1953	14.46	1,980
1936	Feb.8, Apr.4, 1936	10.72	1,190		Dec. 15, 1953	12.92	1,480
					Dec. 26, 1953	15.76	2,810
1937	Feb. 22, 1937	15.18	2,220				
1938	Oct. 2, 1937	18.05	4,620	1955	Sept.15, 1955	8.62	819
1939	Oct. 25, 1938	20.2	6,990				
1940	Feb. 19, 1940	13.68	1,630	1956	June 30, 1956	9.01	873
1941	July 24, 1941	12.84	1,430	1957	Oct. 17, 1956	19.39	6,560
1942	Oct. 22, 1941	18.44	5,020		June 10, 1957	14.10	1,810
1943	Aug. 15, 1943	15.28	2,290		Aug. 18, 1957	11.84	1,300
1944	Aug. 28, 1944	14.68	1,940				
1945	Oct. 19, 1944	23.76	10,400	1958	Oct. 3, 1957	-	-
					Feb. 28, 1958	13.06	1,510
1946	Sept.21, 1946	15.86	2,720		Apr. 11, 1958	15.47	2,590
1947	Sept.24, 1947	22.34	9,560				
1948	Mar. 10, 1948	20.12	7,290	1959	Jan. 4, 1959	16.06	3,120
					Mar. 3, 1959	13.69	1,670
1949	Oct. 3, 1948	21.57	8,840		Mar. 7, 1959	15.80	2,850
	Feb. 7, 1949	17.90	5,020		Mar. 18, 1959	17.95	5,070
	Aug. 29, 1949	17.00	4,090		Mar. 21, 1959	17.32	4,420
	Sept.26, 1949	15.60	2,680		May 22, 1959	19.01	6,160
	Sept.30, 1949	14.80	2,160		July 15, 1959	14.30	1,900
					Sept.14, 1959	16.50	3,570
1950	Nov. 16, 1949	15.10	2,340		Sept.17, 1959	14.35	1,920
	July 18, 1950	12.10	1,320		Sept.21, 1959	14.75	2,130
	July 22, 1950	12.20	1,340				
	Sept. 7, 1950	20.48	7,700	1960	Feb. 27, 1960	12.28	1,370
					Mar. 18, 1960	19.26	6,420
1951	Oct. 1, 1950	14.52	2,000		Apr. 4, 1960	15.85	2,900
	Oct. 19, 1950	20.88	8,120		July 12, 1960	13.04	1,510
	Oct. 22, 1950	17.42	4,500		Sept.12, 1960	16.60	3,670
					Sept.27, 1960	16.98	4,070
1952	Sept.24, 1952	11.60	1,270				
				1961	Oct. 9, 1960	14.86	2,200
1953	Apr. 8, 1953	14.46	1,980		July 20, 1961	14.90	2,220
	Apr. 14, 1953	13.32	1,560		Aug. 27, 1961	18.97	6,120

2470. Moultrie Creek near St. Augustine, Fla.

Location.--Lat 29°49'40", long 81°20'57", in sec.11, T.8 S., R.29 E., on right bank 0.4 mile upstream from Fort Peyton Branch, 1.6 miles downstream from bridge on State Highway 207, and 4.9 miles southwest of St. Augustine, St. Johns County.

Drainage area.--23.3 sq mi.

Gage.--Recording gage and wooden control. Datum of gage is 2.17 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--Stage of Feb. 9, 1919, is maximum known, from information by local residents.

Remarks.--Base for partial-duration series, 350 cfs. Only annual peaks are shown prior to 1948.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1919	Feb. 9, 1919	13	-	1953	Oct. 19, 1952	7.11	501
					Oct. 23, 1952	7.83	738
1940	Feb. 18, 1940	6.07	115		Aug. 25, 1953	7.64	674
					Sept. 1, 1953	6.92	440
1941	Aug. 18, 1941	6.78	390		Sept.21, 1953	7.04	479
1942	Oct. 21, 1941	9.31	1,370		Sept.24, 1953	7.76	714
1943	Sept.20, 1943	7.32	564				
1944	Apr. 3, 1944	7.16	514	1954	Oct. 9, 1953	6.68	362
1945	Oct. 19, 1944	9.25	1,320				
				1955	Jan. 26, 1955	4.28	53
1946	Sept.16, 1946	7.25	546				
1947	Oct. 8, 1946	6.95	450	1956	Oct. 11, 1955	4.74	63
				1957	Aug. 23, 1957	7.34	576
1948	Mar. 11, 1948	7.92	763	1958	Oct. 3, 1957	6.71	372
	Sept.26, 1948	6.90	430		Mar. 2, 1958	6.69	366
1949	Oct. 3, 1948	7.45	612				
	Sept.26, 1949	7.35	579	1959	Mar. 17, 1959	7.10	498
	Sept.29, 1949	7.30	563		Mar. 20, 1959	7.22	537
1950	Oct. 1, 1949	8.31	909	1960	Nov. 21, 1959	6.93	443
					Mar. 18, 1960	8.37	936
1951	Oct. 19, 1950	7.58	661		Sept.11, 1960	7.05	482
1952	Nov. 11, 1951	6.59	333	1961	July 19, 1961	7.90	763

2475. Tomoka River near Daytona Beach, Fla.

Location.--Lat 29°13', long 81°06', in sec.9, T.15 S., R.32 E., on right bank 3½ miles downstream from bridge on U.S. Highway 92 and 5 miles west of Florida East Coast Railway station in Daytona Beach.

Gage.--Recording.

Stage-discharge relation.--Defined by current-meter measurements below 1,400 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1942	June 24, 1942	7.78	a643	1945	Sept.17, 1945	11.49	2,260
1943	Sept.20, 1943	11.17	2,080				
1944	Oct. 7, 1943	11.02	1,960	1946	Oct. 6, 1945	6.92	b257

a Maximum for period December 1941 to September 1942.
b Maximum for period October 1945 to June 1946.

2480. Spruce Creek near Samsula, Fla.

Location.--Lat 29°03'01", long 81°02'49", in SE¼ sec.1, T.17 S., R.32 E., on right bank 25 ft downstream from bridge on State Highway 40A, 1¾ miles north of Samsula, Volusia County, 8 miles west of New Smyrna, and 10 miles upstream from Turnbull Bay.

Drainage area.--32 sq mi, approximately.

Gage.--Recording. Datum of gage is 6.25 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Some diversions for irrigation above station. Base for partial-duration series, 400 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Sept.18, 1951	7.93	a122	1957	Aug. 24, 1957	13.60	491
					Sept. 7, 1957	13.08	438
1952	Oct. 2, 1951	13.0	432				
				1958	Oct. 1, 1957	11.75	344
1953	Oct. 21, 1952	12.68	410		Mar. 2, 1958	11.75	344
	Mar. 22, 1953	13.35	464				
	Aug. 31, 1953	13.73	506	1959	Mar. 20, 1959	12.60	404
	Sept. 7, 1953	13.92	529		June 18, 1959	12.55	400
1954	Oct. 8, 1953	15.49	798	1960	Feb. 5, 1960	12.48	401
					Mar. 17, 1960	13.56	501
1955	Nov. 14, 1954	9.90	224		Aug. 22, 1960	12.76	425
					Sept.11, 1960	15.03	713
1956	Oct. 4, 1955	10.88	284		Sept.30, 1960	12.87	435
1957	July 19, 1957	13.77	510	1961	Sept.17, 1961	12.42	b397

a Maximum for the period May 1 to Sept. 30, 1951; probably was exceeded during period of no record.
b Maximum peak discharge; maximum discharge during year, 434 cfs Oct. 1, 1960, stage falling.

2495. Crane Creek at Melbourne, Fla.

Location.--Lat 28°04'42", long 80°37'48", in sec.4, T.28 S., R.37 E., on right bank 24 ft upstream from bridge on U.S. Highway 192, 1½ miles west of city hall in Melbourne, Brevard County, and 2½ miles upstream from Indian River.

Drainage area.--12.6 sq mi.

Gage.--Recording. Datum of gage is 4.45 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 300 cfs and extended above on basis of velocity-area studies.

Remarks.--Base for partial-duration series, 100 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Sept.30, 1951	6.02	a125	1956	Sept.18, 1956	5.22	61
1952	Oct. 2, 1951	7.89	296	1957	Oct. 5, 1956	7.09	213
	Nov. 17, 1951	6.64	169		Oct. 16, 1956	9.98	665
	Mar. 15, 1952	5.77	111				
	Sept.30, 1952	6.35	146	1958	Feb. 26, 1958	6.65	173
1953	Oct. 21, 1952	8.94	444				
	Oct. 26, 1952	7.62	269	1959	Mar. 20, 1959	5.85	115
	Aug. 28, 1953	6.38	135		June 18, 1959	6.72	179
	Sept.20, 1953	6.87	191				
				1960	Mar. 18, 1960	7.18	222
1954	Oct. 4, 1953	6.78	182		July 17, 1960	5.68	106
	Oct. 9, 1953	9.55	539		July 25, 1960	5.93	120
	Oct. 18, 1953	6.16	133		Sept.10, 1960	6.64	172
	Nov. 25, 1953	6.55	161		Sept.22, 1960	7.62	269
	May 30, 1954	6.55	161		Sept.24, 1960	8.04	320
	June 4, 1954	6.91	195		Sept.30, 1960	7.01	205
	June 18, 1954	7.74	283				
				1961	July 19, 1961	5.66	104
1955	Oct. 30, 1954	5.08	76		Sept.17, 1961	6.88	193

a Maximum for period Mar. 14 to Sept. 30, 1951.

2500. Turkey Creek near Palm Bay, Fla.

Location.--Lat 28°00'46", long 80°36'28", in SE¼ sec.27, T.28 S., R.37 E., on left bank 500 ft upstream from power line crossing, 2.2 miles southwest of Palm Bay, Brevard County, 2.6 miles upstream from Indian River, and 4½ miles south of Melbourne.

Drainage area.--95.5 sq mi.

Gage.--Nonrecording prior to Jan. 11, 1956; recording thereafter. Datum of gage is 1.03 ft below mean sea level, datum of 1929. Since Oct. 1, 1956, recording gage for station on Indian River at Wabasso used as an auxiliary gage.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--An undetermined amount of water is diverted into the St. Johns River by pumps in the Melbourne-Tillman drainage district. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1956	Sept.10, 1956	7.32	a572	1960	Sept.23, 1960	10.79	1,640
1957	Oct. 16, 1956	13.73	2,790				
1958	Jan. 24, 1958	9.25	1,100	1961	Jan. 15, 1961	5.48	c220
1959	Mar. 20, 1959	b9.61	1,100				

a Maximum for period January to September 1956.
b Occurred on June 18, 1959.
c Maximum daily discharge for flood event whose crest occurred during year; maximum discharge during year, 1,550 cfs Oct. 1, 1960, occurred on recession following peak of Sept. 23, 1960.

2520. Fellsmere Canal near Fellsmere, Fla.

Location.--Lat 27°49'18", long 80°36'27", in NW¼ sec.2, T.31 S., R.37 E., near right bank on downstream side of bridge on State Highway 507, 3.3 miles north of Fellsmere, Indian River County, and 5.9 miles upstream from North Prong Sebastian Creek.

Drainage area.--78.4 sq mi.

Gage.--Recording. Datum of gage is 7.90 ft above mean sea level, datum of 1929 (Corps of Engineers bench mark).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Records include undetermined amount of flow diverted from Blue Cypress Lake for irrigation. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	July 2, 1955	5.15	a373	1959	June 19, 1959	11.12	1,460
				1960	Sept.24, 1960	12.56	1,760
1956	Sept.10, 1956	9.13	1,010				
1957	Oct. 16, 1956	13.20	1,880	1961	Nov. 11, 1960	5.97	b480
1958	Jan. 27, 1958	7.29	723				

a Maximum for period Feb. 1 to Sept. 30, 1955.
b Maximum peak discharge; maximum discharge during year, 1,330 cfs Oct. 1, 1960, stage falling.

2525. North Canal near Vero Beach, Fla.

Location.--Lat 27°41'32", long 80°25'00", in SE¼ sec.15, T.32 S., R.39 E., on left bank 600 ft upstream from bridge on U.S. Highway 1 and 3.9 miles north of Vero Beach, Indian River County.

Gage.--Recording. At datum 0.81 ft lower prior to Feb. 27, 1952. At bridge 600 ft downstream at present datum Feb. 27, 1952, to Nov. 5, 1957. Datum of gage is at mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Considerable pumping into canal for drainage above station. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Apr. 20, 1951	8.80	a293	1957	Oct. 16, 1956	9.63	1,280
1952	Oct. 2, 1951	b10.4	456	1958	Oct. 3, 1957	5.70	490
1953	Sept.18, 1953	c8.37	417	1959	June 18, 1959	11.78	1,210
1954	Oct. 8, 1953	8.07	895	1960	Sept.23, 1960	10.6	1,790
1955	Nov. 15, 1954	6.53	350	1961	Jan. 13, 1961	5.38	d350
1956	Sept. 9, 1956	7.12	774				

a Maximum for period Nov. 21, 1950, to Sept. 30, 1951. b Estimated. c Occurred Oct. 18, 1952. d Maximum peak discharge; maximum discharge during year, 378 cfs Oct. 1, 1960, stage falling.

2530. Main Canal at Vero Beach, Fla.

Location.--Lat 27°38'54", long 80°24'10", in SE¼ sec.35, T.32 S., R.39 E., on right bank 8 ft upstream from dam, 700 ft upstream from U.S. Highway 1, and 0.6 mile northwest of Vero Beach, Indian River County.

Gage.--Recording. At datum 0.74 ft lower prior to Mar. 20, 1952. Mar. 20, 1952, to Sept. 30, 1956, at datum 0.02 ft lower. Datum of gage is at mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Considerable pumping into canal for drainage above station. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1949	Aug. 27, 1949	12.4	a800	1956	Sept. 9, 1956	12.88	1,020
1950	Oct. 11, 1949	11.9	625	1957	Oct. 16, 1956	14.01	1,450
1951	Oct. 18, 1950	13.8	1,380	1958	June 28, 1958	12.18	820
1952	Oct. 2, 1951	12.90	990	1959	June 18, 1959	13.73	1,470
1953	Sept.18, 1953	12.22	835	1960	Sept.23, 1960	14.21	1,900
1954	Oct. 9, 1953	12.76	997	1961	Mar. 14, 1961	11.18	b629
1955	Nov. 14, 1954	12.09	791				

a Maximum for period Jan. 1 to Sept. 30, 1949.
b Maximum peak discharge; maximum discharge during year, 689 cfs Oct. 1, 1960, stage falling.

2535. South Canal near Vero Beach, Fla.

Location.--Lat 27°36'11", long 80°23'24", in SW¼ sec.13, T.33 S., R.39 E., on right bank 1,000 ft upstream from bridge on State Highway 605 and 2.5 miles south of Vero Beach, Indian River County.

Gage.--Recording. Prior to Feb. 28, 1952, at downstream side of bridge, 1,000 ft downstream at datum 1.26 ft lower. Feb. 28, 1952, to Nov. 6, 1957, 20 ft upstream from bridge at datum 0.46 ft lower. Datum of gage is at mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Considerable pumping into canal for drainage above station. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Oct. 18, 1950	10.7	707	1957	Oct. 16, 1956	8.92	1,220
1952	Oct. 2, 1951	10.55	609	1958	Oct. 1, 1957	b6.77	560
1953	Oct. 25, 1952	a8.32	446	1959	June 18, 1959	9.65	1,310
1954	Oct. 8, 1953	7.83	603	1960	Sept.23, 1960	10.59	1,670
1955	Oct. 9, 1954	7.08	468	1961	May 26, 1961	6.52	607
1956	Sept. 9, 1956	8.86	1,130				

a Occurred Sept. 18, 1953.
b Occurred Sept. 29, 1958.

LAKE OKEECHOBEE AND THE EVERGLADES BASINS

2560. Fisheating Creek near Venus, Fla.

Location.--Lat 27°03'57", long 81°25'52", in SW¼ sec.21, T.39 S., R.29 E., near right bank on downstream side of bridge on State Highway 731, 2.2 miles downstream from Bootheel Creek, 4½ miles west of Venus, Highlands County, and 14 miles upstream from Palmdale gage.

Drainage area.--188 sq mi.

Gage.--Recording. Datum of gage is 46.52 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 1,000 cfs. Only annual peaks are shown prior to 1960.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Sept. 2, 1955	12.75	a340	1960	Aug. 8, 1960	14.34	1,790
					Aug. 12, 1960	13.61	1,070
1956	Sept.10, 1956	11.03	23		Aug. 26, 1960	14.42	1,880
1957	Aug. 24, 1957	14.27	1,820		Sept.11, 1960	16.98	5,020
1958	Aug. 12, 1958	14.95	3,180		Sept.16, 1960	15.45	2,920
1959	June 18, 1959	16.09	5,120		Sept.26, 1960	14.94	2,260
1960	Oct. 19, 1959	15.56	3,690	1961	Oct. 1, 1960	14.43	1,630
	Oct. 21, 1959	15.36	3,270		Oct. 8, 1960	14.38	1,570
	Mar. 19, 1960	15.36	3,980		Jan. 14, 1961	14.55	1,770
	July 30, 1960	14.57	2,050				

a Maximum for period February to September 1955.

2565. Fisheating Creek at Palmdale, Fla.

Location.--Lat 26°55'56", long 81°18'54", in SW¼ sec.3, T.41 S., R.30 E., near right bank on downstream side of bridge on U.S. Highway 27, 1 mile south of Palmdale, Glades County, and 16 miles upstream from Lake Okeechobee.

Drainage area.--436 sq mi.

Gage.--Nonrecording prior to Mar. 16, 1949; recording thereafter. Prior to Jan. 24, 1956, at site 450 ft upstream at same datum. Datum of gage is 27.19 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 21,000 cfs.

Remarks.--Base for partial-duration series, 1,500 cfs. Only annual peaks are shown prior to 1949.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1931	Apr. 22, 1931	6.00	a470	1953	Sept. 9, 1953	7.16	3,920
1932	Sept.13, 1932	8.26	5,570		Sept.20, 1953	7.26	3,880
1933	Sept. 6, 1933	8.60	6,460				
1934	Aug. 9, 1934	b6.30	920	1954	Oct. 10, 1953	8.53	7,520
1935	Sept. 7, 1935	6.42	1,480		July 17, 1954	6.79	2,180
					July 31, 1954	6.77	2,020
1936	June15,16, 1936	8.10	5,800		Sept.22, 1954	6.73	1,710
1937	July 1, 1937	6.98	3,010		Sept.28, 1954	6.81	1,870
1938	Aug. 1, 1938	6.30	1,730				
1939	Oct. 17, 1938	7.14	3,230	1955	Aug. 1, 1955	6.07	d644
1940	Sept.12, 1940	6.92	3,090				
				1956	Sept. 9, 1956	5.11	258
1941	Apr. 10, 1941	c6.85	2,790				
1942	Feb. 26, 1942	7.04	3,260	1957	June 28, 1957	6.12	2,290
1943	Sept.15, 1943	6.74	2,240		Aug. 25, 1957	6.70	3,800
1944	Oct. 5, 1943	7.30	3,620		Sept. 7, 1957	6.27	2,680
1945	Sept.17, 1945	9.18	8,980				
				1958	Oct. 6, 1957	6.36	2,920
1946	Oct..13, 1945	6.62	2,500		Jan. 26, 1958	6.25	2,630
1947	Sept.19, 1947	11.06	16,400		July 6, 1958	6.15	2,370
1948	Sept.24, 1948	10.52	14,500		Aug. 13, 1958	6.48	3,230
1949	Aug. 29, 1949	7.86	5,300	1959	Mar. 22, 1959	5.78	1,970
					June 20, 1959	7.16	6,220
1950	Oct. 1, 1949	7.60	4,500		July 4, 1959	5.60	1,510
					July 12, 1959	6.38	3,670
1951	Sept. 5, 1951	6.42	1,430		Aug. 12, 1959	6.02	1,700
					Sept.19, 1959	6.47	2,860
1952	Oct. 3, 1951	12.44	31,400				
	Aug. 4, 1952	6.36	1,610	1960	Oct. 20, 1959	7.73	6,660
					Mar. 20, 1960	6.85	5,160
1953	Oct. 21, 1952	7.77	4,920		July 31, 1960	6.51	2,780
	June 8, 1953	7.38	4,710		Aug. 10, 1960	6.00	1,870
	June 27, 1953	7.42	4,990		Aug. 27, 1960	6.23	2,250
	July 27, 1953	6.99	3,260		Sept.13, 1960	8.19	7,250
	Aug. 2, 1953	6.43	1,570		Sept.28, 1960	6.92	3,060
	Aug. 7, 1953	6.42	1,550		Sept.30, 1960	6.97	3,220
	Aug. 30, 1953	7.75	6,200				
	Sept. 5, 1953	7.20	4,160	1961	Oct. 11, 1960	* 6.70	e2,350

a Maximum for period Apr. 22 to Sept. 30, 1931.
b Occurred on Sept. 22, 1934.
c Occurred on July 15, 1941.
d Maximum peak discharge; maximum discharge during year, 1,340 cfs Oct. 1, 1954, stage falling.
e Maximum peak discharge; maximum discharge during year, 3,190 cfs Oct. 1, 1960, stage falling.

2595. Indian Prairie Canal near Okeechobee, Fla.

Location.--Lat 27°04', long 80°59', in sec.24, T.39 S., R.33 E., at bridge on State Highway 78, 2 miles upstream from Lake Okeechobee and 15 miles southwest of town of Okeechobee.

Gage.--Recording. Datum of gage is at mean sea level, unadjusted (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Aug. 14, 1939	17.62	a704	1945	Sept.16, 1945	18.05	1,540
1940	Sept.12, 1940	17.46	b517				
				1946	(c)	17.67	1,260
1941	July 18, 1941	17.22	1,090	1947	Sept.18, 1947	18.57	1,610
1942	June 13, 1942	17.49	1,240	1948	Sept.29, 1948	d19.10	1,670
1943	Aug. 30, 1943	17.37	728	1949	(e)	f18.50	1,880
1944	Oct. 10, 1943	17.21	666	1950	Oct. 1, 1949	16.95	1,020

a Maximum for period July to September 1939. b Maximum daily. c Oct. 1-5, 7, 8, 1945. d Occurred on Oct. 12, 1947. e Oct. 5, 1948, Aug. 28, 1949. f Occurred on Oct. 16, 1948.

2615. Myrtle-Mary Jane Canal near Narcoossee, Fla.

Location.--Lat 28°20'22", long 81°10'27", in sec.1, T.25 S., R.31 E., on left bank 400 ft downstream from private bridge, 0.9 mile upstream from Lake Mary Jane, 1.2 miles downstream from Lake Myrtle, and 4.9 miles northeast of Narcoossee, Osceola County.

Drainage area.--111 sq mi.

Gage.--Recording. Datum of gage is 57.08 ft above mean sea level (levels by Corps of Engineers). Since Oct. 1, 1955, auxiliary recording gage on west shore of Lake Mary Jane, 2 miles from mouth of canal.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950	Nov. 9, 1949	5.02	a232	1956	Oct. 1, 1955	4.08	c156
				1957	Oct. 23, 1956	7.80	c701
1951	Oct.23-27,1950	5.81	320	1958	Oct. 5, 1957	5.08	c221
1952	Nov. 23, 1951	5.80	363	1959	Mar. 24, 1959	d6.42	c429
1953	Oct. 28, 1952	5.93	b418	1960	Sept.27, 1960	8.26	c990
1954	Oct. 1, 1953	7.67	703				
1955	Sept.11, 1955	4.96	273	1961	Jan. 18, 1961	-	e106

a Maximum for period November 1949 to September 1950.
b Maximum peak discharge; maximum discharge during year, 701 cfs Sept. 30, 1953, stage rising.
c Maximum daily.
d Occurred on Sept. 22-24, 1959.
e Maximum daily discharge for flood event whose crest occurred during year; maximum discharge during year, 864 cfs Oct. 1, occurred on recession following crest of Sept. 27, 1960.

2635. St. Cloud Canal near St. Cloud, Fla.
(Published as "East Tohopekaliga-Tohopekaliga Canal" prior to 1962)

Location.--Lat 28°15'30", long 81°16'57", in NE¼ sec.2, T.26 S., R.30 E., in boat basin on south shore of East Lake Tohopekaliga at St. Cloud, Osceola County, and 1¾ miles east of lake outlet.

Drainage area.--300 sq mi.

Gage.--Nonrecording prior to Aug. 2, 1956; recording thereafter. At datum 53.99 ft higher prior to Mar. 5, 1943, and at datum 51.38 ft higher Mar. 5, 1943, to Aug. 1, 1956. Datum of gage is 0.08 ft below mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1942	Mar. 31, 1942	4.08	a365	1952	Nov. 29, 1951	7.28	523
1943	(b)	-	-	1953	Apr. 29, 1953	g6.00	h357
1944	Oct. 10, 1943	6.66	a382	1954	Oct. 13, 1953	10.63	1,110
1945	Sept.24,25,1945	10.37	a1,330	1955	(i)	-	-
1946	(c)	-	-	1956	Oct. 15, 1955	j4.27	a103
1947	Oct. 15, 1946	6.26	da372	1957	Nov. 3, 1956	59.81	723
1948	Oct. 13, 1947	9.37	a888	1958	Apr. 21, 1958	k58.06	446
1949	Oct.13,14,1948	10.08	a1,170	1959	Sept.28, 1959	60.04	886
1950	Oct.17,18,1949	-	a700	1960	Sept.30, 1960	62.22	1,600
	Oct.7-14,1949	8.70	-	1961	Sept.18, 1961	53.28	m23
1951	Nov. 14, 1950	e5.98	f349				

a Maximum daily. b No independent peak during year; maximum daily discharge, 309 cfs Sept. 30, 1943, stage rising. c No independent peak during year; maximum daily discharge, 1,250 cfs Oct. 1, 1945, stage falling. d Maximum daily discharge for flood event whose crest occurred in the water year indicated. A higher daily discharge (816 cfs) occurred Sept. 30, 1947, on a rising stage. e Occurred on Nov. 15, 16, 1950. f Maximum peak discharge; maximum discharge during year, 428 cfs Sept. 30, 1951, stage rising. g Occurred on Apr. 28, 1953. h Maximum peak discharge; maximum discharge during year, 969 cfs Sept. 30, 1953, stage rising. i No independent peak during year; maximum discharge, 236 cfs Oct. 1, 2, 1954, stage falling. j Occurred on Oct. 14, 1955. k Occurred on Oct. 5, 1957. m Maximum daily discharge for flood event whose crest occurred during year; maximum during year, 1,580 cfs Oct. 1, occurred on recession following crest of Sept. 30, 1960.

2640. Cypress Creek at Vineland, Fla.

Location.--Lat 28°23'25", long 81°31'11", in NW¼ sec.21, T.24 S., R.28 E., at upstream side of culverts on State Highway 535, 1 mile west of Vineland, Orange County.

Drainage area.--30.3 sq mi.

Gage.--Nonrecording prior to June 13, 1946; recording thereafter. Datum of gage is 96.20 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 55 cfs. Only annual peaks are shown prior to 1949.

Peak stages and discharges of Cypress Creek at Vineland, Fla.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1946	Aug. 14, 1946	3.27	68	1957	Oct. 16, 1956	3.30	82
1947	Sept.18, 1947	3.51	112				
1948	Oct. 25, 1947	3.25	69	1958	Apr. 10, 1958	2.96	40
1949	Oct.5,6, 1948	3.13	57	1959	Mar. 20, 1959	3.53	89
	Sept.29, 1949	3.20	64		Apr. 22, 1959	3.43	79
					June 18, 1959	3.53	76
1950	Dec. 26, 1949	2.68	a25		July 12, 1959	3.81	108
					Aug. 17, 1959	3.88	117
1951	Aug. 6, 1951	3.03	57		Aug. 30, 1959	3.56	79
					Sept. 5, 1959	3.63	87
1952	Nov. 20, 1951	2.96	50		Sept.10, 1959	3.78	105
					Sept.16, 1959	3.87	115
1953	Sept.20, 1953	3.47	112				
	Sept.23, 1953	3.47	112	1960	Oct. 6, 1959	3.99	151
	Sept.27, 1953	3.61	135		Oct. 23, 1959	3.66	97
					Mar. 18, 1960	4.45	276
1954	Nov. 25, 1953	3.43	b106		Apr. 2, 1960	3.97	147
	Dec. 5, 1953	3.24	74		July 26, 1960	3.14	56
	Dec. 14, 1953	3.15	59		July 29, 1960	3.30	69
	Dec. 23, 1953	3.15	59		Aug. 3, 1960	3.51	88
1955	Aug. 25, 1955	2.47	13	1961	Mar. 20, 1961	2.66	c24
1956	Jan. 23, 1956	1.99	1.9				

a Maximum peak discharge; maximum discharge during year, 38 cfs Oct. 1, 1949, stage falling. b Maximum peak discharge; maximum discharge during year, 131 cfs Oct. 1, 1953, stage falling. c Maximum independent peak discharge; maximum discharge during year, 111 cfs Oct. 1, 1960, occurred on recession following peak of Sept. 11, 1960.

2650. South Port Canal near St. Cloud, Fla.
(Published as Tohopekaliga-Cypress Canal prior to 1962)

Location.--Lat 28°08'19", long 81°21'06", in sec.18, T.27 S., R.30 E., on right bank 500 ft downstream from outlet of Lake Tohopekaliga and 8.6 miles southwest of St. Cloud, Osceola County.

Drainage area.--540 sq mi, approximately (includes part of watershed in Reedy Creek Swamp, which is indeterminate).

Gage.--Recording prior to Jan. 1, 1950, and since Sept. 19, 1951; nonrecording Jan. 1, 1950, to Sept. 19, 1951. Prior to Jan. 1, 1950, at site on west shore of Lake Tohopekaliga at datum 1.60 ft higher. Datum of gage is 48.76 ft above mean sea level (levels by Corps of Engineers). Since Oct. 1, 1951, auxiliary recording gage on south shore of Cypress Lake near head of Hatchineha Canal.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Records include overflow from Lake Tohopekaliga along shoreline three-quarters of a mile northeast of canal at high stages. Peak stages frequently occur on different day than peak discharges. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1942	July 8, 1942	6.77	a588	1953	(f)	9.65	-
1943	(b)	-	-	1954	Oct. 9, 1953	10.25	a2,650
1944	Sept.22, 1944	6.34	a586	1955	Oct. 14, 1954	5.02	-
1945	Sept.23, 1945	9.59	a2,280		Oct. 30, 1954	-	a362
1946	(c)	-	-	1956	Nov. 20, 1955	3.57	a187
1947	(d)	-	-	1957	Nov. 9, 1956	7.33	1,060
1948	Oct.2,3, 1947	9.74	a1,970	1958	Apr.16,17, 1958	7.11	a872
1949	Oct. 7, 1948	9.04	a1,850	1959	Sept.25, 1959	8.82	a1,900
1950	Oct. 6, 1949	8.64	a1,610	1960	Sept.24, 1960	10.56	a3,400
1951	Oct. 30, 1950	5.90	e597	1961	Sept.18, 1961	1.84	g66
1952	Nov.28,29, 1951	6.98	966				

a Maximum daily. b No independent peak during year; maximum daily discharge, 386 cfs Sept. 30, stage rising. c No independent peak during year; maximum daily discharge, 2,130 cfs Oct. 1, 1945, stage falling. d No independent peak during year; maximum daily discharge, 1,950 cfs Sept. 30, 1947, stage rising. e Maximum daily discharge for flood event whose crest occurred during year; maximum daily discharge during year, 642 cfs Sept. 30, 1951, stage rising. f No independent peak during year; maximum daily discharge, 2,440 cfs Sept. 29, 30, 1953, stage rising. g Maximum daily discharge for flood event whose crest occurred during year; maximum daily discharge during year, 3,240 cfs Oct. 1, occurred on recession following crest of Sept. 24, 1960.

2660. Canoe Creek near St. Cloud, Fla.

Location.--Lat 28°04'42", long 81°15'39", in NW¼ sec.6, T.28 S., R.31 E., near right bank on downstream side of bridge on State Highway 523, 13 miles south of St. Cloud, Osceola County.

Drainage area.--86.5 sq mi (includes area drained by Brick Lake).

Gage.--Recording. Prior to Apr. 10, 1957, at site 20 ft downstream. Datum of gage is 48.17 ft above mean sea level, datum of 1929 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Records do not include diversions through Brick-Alligator Canal above station. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950	Dec. 30, 1949	8.44	a214	1955	Oct. 10, 1954	9.68	431
1951	Oct. 19, 1950	11.4	1,550	1956	Oct. 14, 1955	7.29	128
1952	Oct. 3, 1951	10.50	796	1957	Oct. 16, 1956	12.17	2,190
1953	Oct. 21, 1952	b11.03	1,160	1958	July 6, 1958	8.56	183
1954	Oct. 10, 1953	11.24	1,360	1959	Mar. 20, 1959	11.05	c916

a Maximum for period November 1949 to September 1950.
b Occurred on Sept. 29, 1953.
c Maximum for period October 1958 to July 1959.

2665. Reedy Creek near Loughman, Fla.

Location.--Lat 28°15'48", long 81°32'12", in sec.32, T.25 S., R.28 E., on left bank 20 ft upstream from bridge on U.S. Highways 17 and 92, 2½ miles northeast of Loughman, Polk County, and 3 miles downstream from Davenport Creek.

Drainage area.--110 sq mi, approximately (includes part of watershed in Reedy Creek Swamp, which is indeterminate).

Gage.--Nonrecording prior to Aug. 20, 1940; recording thereafter. Datum of gage is 64.49 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Natural flow of stream affected by several canals which divert an undetermined amount of water into Shingle Creek basin. Base for partial-duration series, 240 cfs. Only annual peaks are shown prior to 1948 and since 1951.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1940	July 11, 1940	3.14	215	1949	Aug. 30, 1949	3.97	508
1941	July 26, 1941	3.97	501	1950	Oct. 1, 1949	3.93	401
1942	Sept. 8, 1942	a3.27	282		Dec. 28, 1949	3.53	330
1943	July 21, 1943	3.34	304		Sept.10, 1950	3.45	301
1944	Aug. 3, 1944	4.00	521				
1945	Oct. 22, 1944	4.02	530	1951	Oct. 21, 1950	3.71	381
1946	Sept.23, 1946	3.68	383	1952	Nov. 21, 1951	3.72	405
1947	Sept.20, 1947	4.02	530	1953	Aug. 30, 1953	4.03	513
				1954	Nov. 28, 1953	3.63	b345
1948	Jan. 27, 1948	3.59	326	1955	Sept.10, 1955	3.25	218
	Aug. 22, 1948	3.77	427				
	Sept.24, 1948	3.89	484	1956	Oct. 3, 1955	2.80	83
				1957	Oct. 18, 1956	4.03	502
1949	Oct. 8, 1948	3.86	462	1958	Mar. 7, 1958	3.55	306
	Aug. 25, 1949	3.27	249	1959	Mar. 21, 1959	3.95	534

a Occurred on June 13, 14, 1942.
b Maximum peak discharge; maximum discharge during year, 450 cfs Oct. 1, 1953, stage falling.

2670. Catfish Creek near Lake Wales, Fla.

Location.--Lat 27°57'40", long 81°29'48", in sec.14, T.29 S., R.28 E., on left bank a quarter of a mile downstream from Lake Pierce and 7 miles northeast of Lake Wales, Polk County.

Drainage area.--58.9 sq mi.

Gage.--Recording. Datum of gage is 72.70 ft above mean sea level (Corps of Engineers bench mark).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1948	Sept.28, 1948	5.40	a100	1956	Sept.18, 1956	4.00	59
1948	Oct. 3, 1948	5.46	180	1957	May 19, 1957	4.31	74
1950	Oct.1-5, 1949	5.32	160	1958	Apr. 16, 1958	4.23	69
				1959	Sept.18, 1959	4.99	129
1951	Sept.30, 1951	4.45	81	1960	Sept.17, 1960	e6.02	235
1952	Oct. 2, 1951	b4.75	92				
1953	Oct. 27, 1952	5.06	c114	1961	Feb. 25, 1961	4.35	f99
1954	Oct. 9, 1953	5.81	191				
1955	(d)	3.91	54				

a Maximum peak discharge; maximum discharge during year, 173 cfs Sept. 30, stage rising. b Occurred on Sept. 3, 1952. c Maximum peak discharge; maximum discharge during year, 158 cfs Sept. 30, 1953, stage rising. d Nov. 20, 1954, Sept. 11, 1955. e Occurred on Sept. 15, 1960. f Maximum peak discharge; maximum discharge during year, 222 cfs Oct. 1, 1960, stage falling.

2690. Kissimmee River below Lake Kissimmee, Fla.

Location.--Lat 27°46'13", long 81°10'45", in sec.24, T.31 S., R.31 E., on right bank 3.3 miles downstream from Lake Kissimmee and bridge on State Highway 60, and 22 miles east of Frostproof, Polk County.

Drainage area.--1,609 sq mi at State Highway 60 (includes areas drained by Lake Weohyakapka and Lake Marian).

Gage.--Nonrecording at bridge 3.3 miles upstream at datum 44.73 ft lower than present datum prior to Mar. 21, 1934; recording at present site thereafter. Mar. 21, 1934, to Sept. 30, 1950, at datum 45.00 ft lower than present datum. Datum of gage is 43.48 ft above mean sea level, datum of 1929 (levels by Corps of Engineers). Since Mar. 21, 1934, nonrecording gage at bridge 3.3 miles upstream used as supplementary gage.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Peak stage frequently occurs at different time than peak discharge. Peak discharges listed were exceeded during some years because of a greater peak near the end of the preceding water year or the beginning of the succeeding water year. Only annual peaks are shown.

Peak stages and discharges of Kissimmee River below Lake Kissimmee, Fla.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1934	June 24, 1934	56.26	7,150	1948	Sept.30, 1948	-	6,870
1935	Oct. 2, 1934	53.70	1,790	1949	Oct.5 or6,1948	56.92	8,820
				1950	Oct.2-7,9,1949	55.67	5,070
1936	Mar. 17, 1936	53.92	1,940				
1937	Oct.16-19,28,1936	53.41	1,590	1951	Nov. 25, 1950	7.16	1,120
1938	Dec. 3, 6, 1937	53.87	1,940	1952	Dec. 17, 1951	8.22	a1,650
1939	Sept.27-30,1939	54.18	2,230	1953	Oct. 29, 1952	9.09	2,010
1940	Feb. 22, 1940	52.50	1,120	1954	Oct. 9, 1953	13.16	7,170
				1955	Oct. 30, 1954	7.12	1,140
1941	Sept.20, 1941	54.13	2,040				
1942	Nov. 25, 1941	54.31	a1,940	1956	Oct. 15, 1955	4.97	a563
1943	Oct. 1, 1942	53.39	b1,100	1957	Nov. 23, 1956	7.29	1,040
1944	Oct.9-18,26,1943	52.65	951	1958	Apr. 16, 1958	9.39	2,140
1945	Sept.20, 1945	56.68	6,130	1959	Sept.28, 1959	10.72	3,980
				1960	Apr. 5, 1960	10.73	5,140
1946	Oct. 1, 1945	56.58	b5,860				
1947	Apr.22,23,1947	52.20	990	1961	Oct. 11, 1960	11.81	6,870
1948	Oct.13,14, 1947	57.70	-				

a Maximum daily.
b Maximum discharge, stage falling; no peak during year.

2695. Reedy Creek near Frostproof, Fla.
(Published as Reedy Lake Outlet prior to 1958)

Location.--Lat 27°43'13", long 81°28'40", in SW¼ sec.1, T.32 S., R.27 E., on left bank 15 ft upstream from highway bridge, 100 ft downstream from Reedy Lake, and 3½ miles southeast of Frostproof, Polk County.

Drainage area.--62.2 sq mi.

Gage.--Recording gage and concrete control with removable boards. Datum of gage is 76.05 ft above mean sea level, datum of 1929. Since Mar. 28, 1956, auxiliary nonrecording gage 45 ft downstream at same datum.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1947	Sept.29, 1947	4.00	141	1955	Oct. 30, 1954	2.50	e54
1948	Mar. 17, 1948	2.46	a69				
1949	Oct.2-6, 1948	4.37	166	1956	Sept.18, 1956	2.48	38
1950	Oct. 2, 1949	3.49	107	1957	Aug. 24, 1957	f2.75	c52
				1958	Apr. 16, 1958	g3.27	c61
1951	Oct.21-24,1950	b2.89	c54	1959	Sept.17,18,19,1959	3.39	c76
1952	Oct. 2, 1951	2.85	57	1960	Oct. 24, 1959	3.58	91
1953	Oct. 21, 1952	2.56	d42				
1954	Oct. 9, 1953	4.09	116	1961	Oct. 10, 1960	h4.69	c140

a Maximum peak discharge; maximum discharge during year, 162 cfs Sept. 30, 1948, stage rising.
b Occurred on Sept. 19, 1951.
c Maximum daily.
d Maximum peak discharge; maximum discharge during year, 82 cfs Sept. 30, 1953, stage rising.
e Maximum independent peak discharge; maximum discharge during year, 57 cfs Oct. 2, 1954, occurred on recession following peak of Sept. 27, 1954.
f Occurred on Oct. 16, 1956.
g Occurred on Apr. 15, 1958.
h Occurred on Oct. 7, 1960.

2700. Carter Creek near Sebring, Fla.

Location.--Lat 27°31'55", long 81°23'16", in SE¼ sec.11, T.34 S., R.29 E., near right bank 12 ft downstream from bridge on county road, 2¼ miles upstream from Arbuckle Creek, 4¼ miles downstream from Bonnet Lake, and 4¼ miles northeast of Sebring, Highlands County.

Drainage area.--38.8 sq mi.

Gage.--Nonrecording prior to Nov. 16, 1954; recording thereafter. Datum of gage is 56.75 ft above mean sea level, datum of 1929 (Corps of Engineers bench mark).

Stage-discharge relation.--Defined by current-meter measurements below 190 cfs and extended above by logarithmic plotting.

Remarks.--Regulation by Bonnet Lake control above station. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Nov. 14, 1954	9.74	85	1959	June 18, 1959	10.49	315
				1960	Sept.11, 1960	11.05	552
1956	Aug. 28, 1956	9.44	101				
1957	Oct. 16, 1956	10.47	310	1961	Nov. 1, 1960	8.33	a96
1958	Jan. 24, 1958	9.48	133				

a Maximum peak discharge; maximum discharge during year, 157 cfs Oct. 1, 1960, stage falling.

2705. Arbuckle Creek near De Soto City, Fla.

Location.--Lat 27°27'30", long 81°18'15", in SW¼ sec.2, T.35 S., R.30 E., on left bank 0.4 mile downstream from Arbuckle Branch, 1.6 miles upstream from bridge on U.S. Highway 98, 2.6 miles upstream from Lake Istokpoga, and 6½ miles east of De Soto City, Highlands County.

Drainage area.--379 sq mi (excludes area drained by Lake Weohyakapka and includes area drained by Lake Sebring).

Gage.--Recording except nonrecording June 24,1942, to Oct. 19, 1943. At site 1.6 miles downstream prior to Oct. 11, 1954. Gage at downstream site used as auxiliary gage since Oct. 11, 1954. Datum of gage is 35.51 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 5,300 cfs.

Remarks.--Records include small diversions into Lake Arbuckle from Lake Weohyakapka through Blue Jordan Swamp. Discharge figures shown are peaks; a greater discharge occurred during some years because of a greater peak near the end of the preceding water year or the beginning of the succeeding water year. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Sept. 1, 1939	7.84	a3,270	1951	July 26, 1951	6.03	1,720
1940	Sept.11, 1940	7.26	1,920	1952	Oct. 4, 1951	6.11	1,610
				1953	Oct. 23, 1952	6.80	2,720
1941	July 26,27,1941	7.52	2,710	1954	Oct. 10, 1953	8.16	5,490
1942	Feb. 26, 1942	6.33	1,030	1955	Nov. 16, 1954	5.15	296
1943	July18-21,1943	6.40	1,290				
1944	Oct. 7, 1943	6.78	1,290	1956	Sept.10, 1956	4.82	275
1945	Sept.17, 1945	8.47	6,540	1957	Oct. 17, 1956	7.93	2,920
				1958	Oct. 1, 1957	6.85	1,490
1946	Oct. 16, 1945	6.64	1,330	1959	June 19, 1959	9.29	4,680
1947	Sept.23, 1947	8.20	5,610	1960	Sept.12, 1960	9.45	4,900
1948	Sept.23, 1948	8.71	7,380				
1949	Oct. 4, 1948	8.51	6,680	1961	Jan. 13, 1961	6.28	778
1950	Oct. 4, 1949	6.74	1,870				

a Maximum for period June to September 1939.

2710. Stearns Creek near Lake Placid, Fla.

Location.--Lat 27°19'22", long 81°25'09", in NE¼ sec.28, T.36 S., R.29 E., near right bank 100 ft upstream from county bridge, 250 ft downstream from Lake June-in-Winter, 1.0 mile upstream from Lake Francis, and 3.6 miles northwest of town of Lake Placid, Highlands County.

Drainage area.--44.0 sq mi.

Gage.--Recording gage and sheet pile, stoplog control. Prior to May 24, 1955, at site on Lake June-in-Winter. Datum of gage is 65.38 ft above mean sea level, datum of 1929 (Corps of Engineers bench mark). Since July 6, 1960, and Aug. 18, 1955, to November 1958, auxiliary nonrecording gage 50 ft downstream from control.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Records do not include diversions through Placid-Huntley Canal into Josephine Creek. Flow regulated by manipulation of stoplogs in control by Central and Southern Florida Flood Control District. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	July 3, 1955	8.60	a42	1959	Sept.20, 1959	-	271
				1960	Sept.10, 1960	d10.26	-
1956	Oct. 31, 1955	-	b .3		Sept.17, 1960	-	431
1957	June 13, 1957	8.88	c34				
1958	Oct. 3, 1957	9.63	149	1961	Oct. 16, 1960	-	e211
1959	Mar. 21, 1959	d9.31	-		Mar. 31, 1961	d9.53	-

a Maximum for period Mar. 23 to Sept. 30, 1955. b Maximum discharge measured. c Maximum peak discharge; maximum daily discharge during year, 130 cfs Sept. 30, 1957, stage rising. d Affected by wind. e Maximum daily discharge for flood event whose crest occurred during year; maximum daily discharge during year, 286 cfs on Oct. 1, 1960, stage falling.

2715. Josephine Creek near De Soto City, Fla.

Location.--Lat 27°22'26", long 81°23'37", in SE¼ sec.2, T.36 S., R.29 E., on left bank 320 ft downstream from bridge on State Highway 17, 1 mile downstream from Jack Creek, and 4 miles south of De Soto City, Highlands County.

Drainage area.--109 sq mi (excludes area drained by Lake Sebring).

Gage.--Recording. Prior to May 21, 1952, at site half a mile upstream at datum 0.89 ft higher. Datum of gage is 52.99 ft above mean sea level, datum of 1929 (State Road Department bench mark).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Discharge figures shown are peaks; a greater discharge occurred during some years because of a greater peak near the end of the preceding water year or the beginning of the succeeding water year. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1947	Sept.19, 1947	9.55	900	1955	Sept.22, 1955	5.21	170
1948	Sept.23, 1948	11.56	1,780				
1949	Aug. 28, 1949	9.30	792	1956	Aug. 29, 1956	3.84	53
1950	Sept. 7, 1950	5.37	77	1957	Aug. 25, 1957	5.61	268
				1958	Oct. 3, 1957	6.10	388
1951	Sept. 5, 1951	7.09	220	1959	Sept.17, 1959	6.65	658
1952	Oct. 2, 1951	8.30	487	1960	Sept.11, 1960	8.43	1,110
1953	Sept.19, 1953	7.03	689				
1954	Oct. 10, 1953	7.97	1,180	1961	Jan. 13, 1961	6.42	366

2720. Istokpoga Canal near Cornwell, Fla.

Location.--Lat 27°22'56", long 81°09'45", in SE¼ sec.30, T.35 S., R.32 E., on downstream side near center of bridge on U.S. Highway 98, 100 ft downstream from Seaboard Air Line Railroad bridge, 1½ miles upstream from Kissimmee River, and 4½ miles northwest of Cornwell, Highlands County.

Gage.--Recording except nonrecording May 15, 1942, to Aug. 19, 1949. At site a quarter of a mile downstream prior to Mar. 10, 1955. Datum of gage is 29.71 ft above mean sea level (levels by Corps of Engineers). Since June 3, 1953, auxiliary recording gage 1.3 miles upstream.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Subsequent to June 1949, some diversions at times during high water from Lake Istokpoga into Indian Prairie and Harney Pond Canals when levees on southeast shore of lake were overtopped or washed out. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1933	September1933	10.1	-	1949	Oct. 6, 1948	10.62	-
1934	June 21, 1934	8.59	-		Oct. 16, 1948	-	1,480
	June 22, 1934	-	755	1950	Oct. 4, 1949	8.46	-
1935	Oct. 1, 1934	6.65	-		Oct. 14, 1949	-	1,280
	Sept.29, 1935	-	647				
				1951	Apr. 23, 1951	6.95	1,050
1936	Mar. 17, 1936	7.02	899	1952	Oct. 2, 1951	-	1,130
1937	Oct. 21, 1936	6.60	885		Oct. 26, 1951	7.37	-
1938	Oct. 23, 1937	8.00	-	1953	Sept.28, 1953	-	1,810
	Dec. 6, 1937	-	714		Sept.30, 1953	9.48	-
1939	Oct. 20, 1938	-	a411	1954	Oct. 9, 1953	-	1,860
	Sept.30, 1939	7.15	-		Oct. 12, 1953	11.41	-
1940	Oct.1,2, 1939	7.16	-	1955	Oct.5,8, 1954	7.42	-
	Oct. 1-4,1939	-	b912		Oct. 15, 1954	-	952
1941	Oct. 5, 1940	-	1,030	1956	Oct.3,5, 1955	-	46
	July 30, 1941	7.47	-		Oct. 13, 1955	3.81	-
1942	Mar. 23, 1942	7.40	-	1957	Oct. 22, 1956	8.17	-
	June 13, 1942	-	763		Sept.10,17, 1957	-	1,190
1943	Oct. 1, 1942	7.02	c614	1958	Oct. 4, 1957	8.38	1,260
1944	Oct. 3, 1943	7.28	1,100	1959	June 24, 1959	8.60	-
1945	Sept.20, 1945	9.67	1,640		Sept.25, 1959	-	1,670
				1960	Sept.25, 1960	-	2,240
1946	June 9, 1946	-	d211		Sept.28, 1960	10.02	-
1947	Sept.24, 1947	9.90	1,610				
1948	Sept.22, 1948	-	2,040	1961	July 29, 1961	6.78	-
	Sept.26, 1948	10.33	-		July 30, 1961	-	712

a Maximum peak discharge; maximum discharge during year, 899 cfs Sept. 29, 30, 1939, stage rising. b Maximum peak discharge; maximum discharge during year, 1,010 cfs Sept. 30, 1940, stage rising. c Maximum peak discharge; maximum discharge during year, 709 cfs Sept. 17, 18, 19, 20, 22-26, 1943, stage rising. d Maximum peak discharge; maximum discharge during year, 1,060 cfs Oct. 1, 1945, stage falling.

2730. Kissimmee River near Okeechobee, Fla.

Location.--Lat 27°14'18", long 80°58'57", in sec.25, T.37 S., R.33 E., on downstream end of left pier of bridge on State Highway 70, 9.4 miles west of Okeechobee, Okeechobee County, and 16 miles upstream from Lake Okeechobee.

Drainage area.--2,892 sq mi.

Gage.--Nonrecording prior to Apr. 28, 1949; recording thereafter. Datum of gage is 1.37 ft below mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 14,000 cfs.

Remarks.--Discharge figures shown are peaks; a greater discharge occurred during some years because of a greater peak near the end of the preceding water year or the beginning of the succeeding water year. Only annual peaks are shown.

Peak stages and discharges of Kissimmee River near Okeechobee, Fla.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1928	August 1928	30.3	20,000	1945	Sept.22, 1945	27.90	11,700
1929	July 31, 1929	6.0	2,020				
1930	June 23, 1930	28.7	14,400	1946	Sept.20, 1946	24.87	2,970
				1947	Sept.21-27,1947	28.42	13,000
1931	Oct. 6, 1930	26.65	4,800	1948	Jan.24-28,1948	25.78	4,750
1932	Sept.16, 1932	25.70	3,210	1949	Oct. 7, 1948	29.34	17,400
1933	Sept. 9, 1933	29.32	15,600	1950	Oct. 6, 1949	26.84	8,300
1934	June 24, 1934	27.72	9,000				
1935	July 22, 1935	19.9	617	1951	Oct. 28, 1950	24.92	3,740
				1952	Oct. 4, 1951	26.25	7,280
1936	Oct. 13, 1935	26.04	4,330	1953	Oct. 29, 1952	25.72	5,750
1937	Oct. 23, 1936	25.26	2,560	1954	Oct. 14, 1953	28.37	17,800
1938	Oct. 27, 1937	26.90	6,080	1955	Oct. 15, 1954	23.26	2,960
1939	Sept.27, 1939	26.56	5,150				
1940	Aug. 2, 1940	24.57	2,110	1956	Sept.10, 1956	18.38	853
				1957	Oct. 22, 1956	26.42	8,620
1941	July 29, Aug. 5, 1941	25.98	4,280	1958	Oct. 7, 1957	25.00	5,390
				1959	June 25, 1959	26.39	8,440
1942	Feb. 27, 1942	26.20	4,650	1960	Sept.30, 1960	28.04	15,000
1943	Mar. 9, 1943	21.08	910				
1944	Oct. 7, 1943	26.28	4,840	1961	Aug. 30, 1961	18.77	1,410

2740. Taylor Creek near Basinger, Fla.

Location.--Lat 27°23'39", long 80°53'44", in SE¼ sec.26, T.35 S., R.34 E., near center of channel on downstream side of bridge on State Highway S-68, 0.8 mile downstream from small tributary and 8.5 miles east of Basinger, Okeechobee County.

Drainage area.--15.7 sq mi.

Gage.--Recording gage and wooden control. Subsequent to Apr. 14, 1960, at site about 500 ft downstream. Datum of gage is 29.10 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 1,100 cfs and extended above by logarithmic plotting.

Remarks.--Base for partial-duration series, 400 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	July 2, 1955	5.51	a402	1959	June 18, 1959	7.28	1,050
1956	Sept.18, 1956	b5.42	326	1960	Oct. 18, 1959	6.57	618
					Oct. 23, 1959	6.52	592
1957	Oct. 15, 1956	7.88	2,540		Mar. 18, 1960	7.05	886
	Sept.17, 1957	6.47	589		Sept. 4, 1960	6.25	466
					Sept.15, 1960	6.21	449
1958	Mar. 12, 1958	6.09	402		Sept.26, 1960	6.26	471
1959	Mar. 20, 1959	6.17	433	1961	Oct. 11, 1960	4.25	48

a Maximum for period June 8 to Sept. 30, 1955.
b Occurred on Sept. 9, 1956.

2745. Taylor Creek above Okeechobee, Fla.

Location.--Lat 27°17'03", long 80°49'20", in NW¼ sec.3, T.37 S., R.35 E., near center of channel, on downstream side of county bridge, 0.8 mile downstream from small tributary canal, 2.8 miles north of Okeechobee, Okeechobee County, and 7.6 miles upstream from Lake Okeechobee.

Drainage area.--98.7 sq mi.

Gage.--Recording. Datum of gage is 18.22 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	July 4, 1955	4.73	a439	1959	June 19, 1959	8.11	4,440
				1960	Sept.26, 1960	7.00	2,390
1956	Sept.12, 1956	4.81	404				
1957	Oct. 16, 1956	9.20	6,930	1961	Nov. 2, 1960	3.96	b82
1958	Jan. 26, 1958	5.52	793				

a Maximum for period June 7 to Sept. 30, 1955.
b Maximum peak discharge during year; maximum discharge, 1,380 cfs Oct. 1, 1960, stage rising.

2890. Tamiami Canal outlets, Miami to Monroe, Fla.
(Published aa Tamiami Canal outlets west of Miami prior to 1950)

Location.--Lat 25°45'50", long 80°49'50", in SE¼ sec.16, T.54 S., R.35 E., at 40-mile bend on U.S. Highway 41, 38 miles west of Miami, Dade County.

Gage.--Nonrecording prior to Dec. 29, 1951; recording thereafter. Prior to July 28, 1942, at site 17 miles west of Miami and July 28, 1942, to Sept. 30, 1945, at site 15 miles west of Miami. Oct. 1, 1945, to June 12, 1961, at site 1,800 ft downstream; at datum 0.87 ft lower prior to Aug. 31, 1949. Datum of gage is at mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 9,800 cfs.

Remarks.--Since July 1952, flow affected by extensive levee and control works to the north for agricultural and flood control purposes. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1940	Nov. 1, 1939	-	1,900	1949	Oct. 6, 1948	10.90	12,900
	Sept.30, 1940	7.72	-	1950	Oct. 13, 1949	-	b3,020
1941	Oct. 1, 1940	7.70	-	1951	Oct. 15, 1950	8.92	2,610
	Feb.10,11,1941	-	1,430	1952	Sept.25, 1952	8.59	1,510
1942	June 12, 1942	-	1,730	1953	Sept.23, 1953	9.03	3,850
	Aug. 9, 1942	7.65	-	1954	Nov. 1, 1953	-	4,450
1943	Oct.1,2, 1942	7.29	-		Oct. 8, 1953	9.04	-
	Sept.15, 1943	-	1,820	1955	Oct.2,3, 1954	8.88	3,170
1944	Oct. 10, 1943	7.20	-				
	Oct. 11, 1943	-	993	1956	Oct.13,14, 1955	8.30	910
1945	Oct.25-29, 1944	6.68	-	1957	Oct. 18, 1956	-	c2,320
	Sept.18, 1945	-	2,140	1958	Oct. 4, 1957	9.11	-
					May 25, 1958	-	5,140
1946	Sept.25, 1946	-	a1,160	1959	Sept.23, 1959	9.08	5,010
1947	Sept.25, 1947	10.07	-	1960	Sept.10, 1960	9.65	8,300
	Sept.30, 1947	-	4,700				
1948	Oct. 12, 1947	11.20	17,000	1961	Oct. 17, 1960	9.58	9,240

a Maximum daily discharge for flood event whose crest occurred in the water year indicated. A higher daily discharge (1,790 cfs) occurred Oct. 1, 1945, on the recession from the crest that occurred in the preceding water year.
b Maximum daily discharge for flood event whose crest occurred in the water year indicated. A higher daily discharge (3,340 cfs) occurred Oct. 1, 1949, on the recession from the crest that occurred in the preceding water year.
c Maximum daily discharge for flood event whose crest occurred during the year; maximum daily discharge, 2,780 cfs Sept. 29, 30, 1957, stage rising.

2915. Imperial River near Bonita Springs, Fla.

Location.--Lat 26°20'05", long 81°45'20", in SE¼ sec.36, T.47 S., R.25 E., on right bank 1½ miles east of Bonita Springs, Lee County.

Gage.--Nonrecording prior to Sept. 10, 1941; recording gage and wooden control thereafter. Datum of gage is at mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 310 cfs. Only annual peaks are shown prior to 1948.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1936	June 15, 1936	13.4	-	1950	Oct. 5, 1949	8.73	972
					Oct. 12, 1949	8.10	748
1940	Sept.12, 1940	12.45	a2,890		July 23, 1950	6.20	399
					Sept. 6, 1950	8.50	873
1941	Apr. 8, 1941	7.89	550				
1942	Sept.14, 1942	5.73	329	1951	July 23, 1951	6.63	458
1943	June 28, 1943	7.47	520		July 27, 1951	6.66	462
1944	Sept. 7, 1944	5.29	297		Aug. 15, 1951	5.73	348
1945	July 23, 1945	9.58	1,160		Aug. 23, 1951	7.65	636
1946	Aug. 2, 1946	5.71	332	1952	Oct. 2, 1951	12.74	2,810
1947	Sept.23,24,1947	12.04	2,400	1953	Oct. 20, 1952	7.72	591
					Aug. 7, 1953	5.74	314
1948	Sept.22, 1948	9.40	1,180		Sept. 9, 1953	7.52	548
	Sept.27, 1948	9.58	1,240		Sept.17, 1953	8.75	856
					Sept.21, 1953	8.93	909
1949	Oct. 5, 1948	8.94	1,010				
	June 23, 1949	5.60	328	1954	Oct. 9, 1953	8.56	801
	Aug. 4, 1949	5.50	318		Oct. 18, 1953	7.19	485
	Aug. 10, 1949	5.70	339		Sept.25, 1954	5.57	324
	Aug. 28, 1949	6.70	468				
	Sept. 1, 1949	6.50	439	1955	Oct. 10, 1954	b4.68	c219

a Maximum for period May 16 to Sept. 30, 1940.
b Affected by tide.
c Maximum daily discharge for period Oct. 1 to Nov. 19, 1954.

2930. Orange River near Fort Myers, Fla.
(Published as Twelve Mile Creek near Fort Myers prior to Oct. 1, 1941)

Location.--Lat 26°40', long 81°43', in sec.9, T.44 S., R.26 E., 1½ miles southeast of Buckingham and 8 miles northeast of Fort Myers.

Drainage area.--60 sq mi, approximately.

Gage.--Nonrecording and wooden control. Datum of gage is 1.71 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 2,800 cfs and extended above.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1936	June 15, 1936	13.40	5,300	1942	Sept.14, 1942	6.40	283
1937	July 3, 1937	7.70	850	1943	July 11, 1943	9.51	1,440
1938	July 14, 1938	7.40	810	1944	Aug. 15, 1944	6.62	301
1939	July 2, 1939	9.00	733	1945	July 23, 1945	9.10	1,200
1940	Sept.12, 1940	10.90	1,310				
				1946	Aug. 28, 1946	7.58	417
1941	July 17, 1941	8.38	842				

2935. Peace Creek drainage canal near Dundee, Fla.
(Published as Drainage canal west of Dundee prior to 1956)

Location.--Lat 28°01', long 81°38', in sec.29, T.28 S., R.27 E., on right bank at upstream side of bridge on State Highway 542, 1.2 miles west of Dundee, Polk County, and 1.4 miles downstream from Lake Hamilton Outlet.

Drainage area.--58 sq mi, approximately.

Gage.--Recording. Jan. 25, 1950, to July 16, 1951, at site 150 ft downstream at same datum. Datum of gage is 114.08 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Discharge figures shown are peaks; a greater discharge occurred during some years because of a greater peak near the end of the preceding water year or the beginning of the succeeding water year. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1947	Sept.18, 1947	6.86	188	1954	Oct. 4, 1953	6.88	222
1948	Sept.22, 1948	7.37	231	1955	Nov. 14, 1954	a3.22	24
1949	Aug. 27, 1949	6.77	203				
1950	Sept. 7, 1950	5.18	65	1956	Sept.25, 1956	5.30	33
				1957	May 15, 1957	5.62	102
1951	Oct. 18, 1950	6.41	116	1958	Feb. 27, 1958	b5.47	88
1952	Nov. 17, 1951	6.36	104	1959	June 22, 1959	6.63	215
1953	Aug. 29, 1953	5.37	135				

a Occurred on Sept. 4, 1955.
b Occurred on July 4, 1958.

2940. Peace Creek drainage canal near Alturas, Fla.

Location.--Lat 27°55'23", long 81°42'28", in NE¼ sec.34, T.29 S., R.26 E., near left bank at upstream side of highway bridge, half a mile north of State Highway 60, 3.5 miles north of Alturas, Polk County, and 8¼ miles east of Bartow.

Drainage area.--160 sq mi.

Gage.--Recording. Datum of gage is 97.67 ft above mean sea level, datum of 1929 (State Road Department bench mark).

Stage-discharge relation.--Defined by current-meter measurements below 1,600 cfs.

Historical data.--Flood of 1928 is maximum known, according to information from local resident.

Remarks.--Discharge figures shown are peaks; a greater discharge occurred during some years because of a greater peak near the end of the preceding water year or the beginning of the succeeding water year. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1928	-	13.3	2,540	1954	Oct. 10, 1953	9.90	1,020
				1955	Nov. 14, 1954	5.65	240
1947	Sept.19, 1947	10.88	a1,360				
1948	Sept.23, 1948	11.51	1,640	1956	Sept. 1, 1956	6.07	145
1949	Aug. 28, 1949	11.67	1,740	1957	Aug. 25, 1957	7.40	339
1950	Sept. 7, 1950	7.60	478	1958	Jan. 24, 1958	7.55	434
				1959	June 20, 1959	11.19	1,280
1951	Oct. 19, 1950	9.71	975	1960	Sept.12, 1960	12.80	1,620
1952	Mar. 27, 1952	7.39	446				
1953	Oct. 21, 1952	10.14	1,090	1961	Feb. 8, 1961	7.57	388

a Maximum for period Jan. 1 to Sept. 30, 1947.

2945. Lake Lulu Outlet at Eloise, Fla.
(Published as Lulu Lake Outlet prior to 1956)

Location.--Lat 27°59'03", long 81°43'47", in SE¼ sec.5, T.29 S., R.25 E., on left downstream abutment of culvert on State Highway 540A at intersection with old Rifle Range Road, 2,200 ft downstream from concrete control at outlet of Lake Lulu and 0.9 mile southeast of Eloise, Polk County.

Drainage area.--23 sq mi, approximately.

Gage.--Recording. Prior to Jan. 8, 1953, at site 1,500 ft upstream. Datum of gage is 120.00 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Discharge figures shown are peaks; a greater discharge occurred during some years because of a greater peak near end of the preceding water year or near beginning of succeeding water year. Base for partial-duration series, 50 cfs. Only annual peaks are shown prior to 1948 and 1951-60.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1946	Sept.26, 1946	7.82	a26	1953	Oct. 28, 1952	9.45	26
1947	Sept.19, 1947	9.56	52	1954	Dec. 14, 1953	b10.33	178
				1955	Apr. 14, 1955	6.58	6.5
1948	Aug. 25, 1948	11.18	77				
	Sept.24, 1948	11.00	83	1956	Sept.18, 1956	6.93	9.0
				1957	Sept.10, 1957	8.58	90
1949	Aug. 28, 1949	10.52	72	1958	Feb. 26, 1958	7.70	66
	Sept.29, 1949	10.52	72	1959	June 21, 1959	c10.01	218
				1960	Sept.11, 1960	10.29	215
1950	Sept. 6, 1950	8.31	15				
				1961	Feb. 7, 1961	7.16	68
1951	Sept.29, 1951	10.10	35		June 25, 1961	7.77	97
1952	Aug. 27, 1952	8.63	15				

a Maximum for period Feb. 15 to Sept. 30, 1946.
b Occurred on Oct. 10, 1953.
c Occurred on June 20, 1959.

2950. Peace River at Bartow, Fla.
(Published as Peace Creek prior to 1951)

Location.--Lat 27°54'07", long 81°49'03", in NE¼ sec.4, T.30 S., R.25 E., near center of span on downstream side of bridge on State Highway 60, 500 ft downstream from McKinney Branch and 0.6 mile east of Bartow, Polk County.

Drainage area.--390 sq mi.

Gage.--Nonrecording prior to July 12, 1940; recording thereafter. Prior to Nov. 6, 1948, at site 200 ft downstream at same datum. Datum of gage is 90.56 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 2,900 cfs.

Remarks.--Discharge figures shown are peaks; a greater discharge occurred during some years because of a greater peak near the end of the preceding water year or the beginning of the succeeding water year. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1940	Mar. 23, 1940	3.88	a638	1951	Oct. 20, 1950	5.40	1,590
				1952	Mar. 29, 1952	4.71	764
1941	Apr. 7, 1941	4.73	1,280	1953	Sept.22, 1953	5.70	1,730
1942	July 5,6, 1942	5.02	1,300	1954	Oct. 11, 1953	5.97	2,030
1943	Aug. 20, 1943	5.07	1,340	1955	Sept.11, 1955	4.08	389
1944	Aug. 31, 1944	3.88	561				
1945	July 26, 1945	5.80	1,880	1956	Sept. 4, 1956	3.45	290
				1957	Sept.18, 1957	4.98	1,260
1946	Aug. 3, 1946	4.53	1,060	1958	Oct. 3, 1957	4.64	992
1947	Sept.24, 1947	6.45	4,140	1959	June 22, 1959	6.73	3,410
1948	Aug. 22, 1948	6.20	3,190	1960	Sept.13, 1960	8.01	3,470
1949	Aug. 30, 1949	6.11	2,850				
1950	Sept. 8, 1950	4.45	762	1961	Feb. 9, 1961	4.60	678

a Maximum daily mean.

2960. Peace River at Zolfo Springs, Fla.
(Published as "Peace Creek" prior to 1951)

Location.--Lat 27°30'15", long 81°48'04", in S½ sec.22, T.34 S., R.25 E., near right bank on downstream side of bridge on U.S. Highway 17, 0.8 mile north of Zolfo Springs, Hardee County.

Drainage area.--826 sq mi.

Gage.--Recording. Datum of gage is 35.20 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Discharge figures shown are peaks; a greater discharge occurred during some years because of a greater peak near the end of the preceding water year or the beginning of the succeeding water year. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1934	June 22, 1934	15.5	9,850	1948	Sept.24, 1948	16.55	11,600
1935	Sept. 7, 1935	13.20	6,550	1949	Aug. 29, 1949	18.11	15,900
				1950	Oct. 1, 1949	14.30	8,070
1936	Feb. 17, 1936	11.82	4,680				
1937	July 3, 1937	9.89	3,440	1951	Oct. 20, 1950	9.44	3,370
1938	July 14, 1938	9.25	2,700	1952	Oct. 4, 1951	9.07	3,150
1939	June 17, 1939	15.52	9,800	1953	Aug. 30, 1953	15.39	9,300
1940	July 7, 1940	9.17	2,970	1954	Oct. 11, 1953	13.11	6,140
				1955	Sept.10, 1955	8.50	2,610
1941	July 17, 1941	10.98	4,240				
1942	June 13, 1942	10.76	4,180	1956	Aug. 24, 1956	7.57	2,110
1943	July 25, 1943	10.63	4,030	1957	May 14, 1957	12.12	5,470
1944	Oct. 5, 1943	9.62	3,310	1958	Jan. 26, 1958	11.60	5,040
1945	June 25, 1945	16.63	12,100	1959	Sept.18, 1959	15.89	9,540
				1960	Sept.12, 1960	18.61	17,000
1946	Oct. 13, 1945	10.12	3,660				
1947	Sept.20, 1947	19.15	21,300	1961	Feb. 9, 1961	7.83	2,110

2962. Little Charley Bowlegs Creek near Sebring, Fla.

Location.--Lat 27°28'40", long 81°33'25", in NW¼ sec.31, T.34 S., R.28 E., on right bank 160 ft downstream from concrete control, 900 ft north of county road in Highlands Hammock State Park, 0.8 mile upstream from unnamed creek, and 7¼ miles southwest of Sebring, Highlands County.

Drainage area.--41.9 sq mi.

Gage.--Recording. Prior to June 4, 1953, on right bank at upstream side of concrete control at same datum. Datum of gage is 62.32 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Flow regulated by manipulation of stoplogs and culvert gates in dam upstream from station. Discharge figures shown are peaks; a greater discharge occurred during some years because of a greater peak near the end of the preceding water year or the beginning of the succeeding water year. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	Mar. 27, 1952	16.80	a364	1957	Oct. 17, 1956	16.00	267
1953	Sept. 8, 1953	b16.65	604	1958	Oct. 4, 1957	16.01	336
1954	Oct. 10, 1953	16.83	682	1959	June 18, 1959	16.24	431
1955	Sept.10, 1955	15.81	256	1960	Sept.27, 1960	17.61	874
1956	Sept. 5, 1956	15.61	146	1961	Jan. 18, 1961	15.94	121

a Maximum during period Jan. 16 to Sept. 30, 1952.
b Lower gage.

2965. Charlie Creek near Gardner, Fla.
(Published as "Charlie Apopka Creek" prior to 1951)

Location.--Lat 27°22'29", long 81°47'48", in SE¼ sec.3, T.36 S., R.25 E., near left bank on downstream side of pier of bridge on U.S. Highway 17, 1.6 miles north of Gardner, Hardee County, and 4.5 miles upstream from mouth.

Drainage area.--330 sq mi.

Gage.--Recording. Datum of gage is 21.66 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950	Sept. 6, 1950	10.63	a1,180	1956	Sept. 2, 1956	12.53	1,800
				1957	Oct. 22, 1956	11.67	1,670
1951	Apr.13,20, 1951	12.27	1,680	1958	Jan. 28, 1958	12.98	1,980
1952	Oct. 3, 1951	13.68	2,190	1959	June 21, 1959	15.82	3,480
1953	Sept.28, 1953	17.03	4,980	1960	Aug. 1, 1960	18.77	8,160
1954	Oct. 10, 1953	17.85	6,640				
1955	Sept. 9, 1955	13.83	2,540	1961	July 13, 1961	9.81	1,050

a Maximum for period Apr. 29 to Sept. 30, 1950.

2970. Peace River at Arcadia, Fla.
(Published as Peace Creek prior to 1951)

Location.--Lat 27°13'19", long 81°52'34", in SE¼ sec.26, T.37 S., R.24 E., on left bank 500 ft upstream from bridge on State Highway 70, 1.0 mile west of post office in Arcadia, De Soto County, and 6.1 miles upstream from Joshua Creek.

Drainage area.--1,367 sq mi.

Gage.--Nonrecording prior to July 19, 1931; recording thereafter. Datum of gage is 8.25 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 30,000 cfs.

Historical data.--Flood of 1912 is maximum known, from information by county engineer.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1912	-	18.3	43,000	1946	July 31, 1946	9.55	5,840
				1947	Sept.22, 1947	16.34	23,600
1931	Apr. 20, 1931	9.68	a5,930	1948	Sept.28, 1948	15.06	16,200
1932	Sept.16, 1932	9.98	6,230	1949	Aug. 31, 1949	16.48	26,600
1933	Sept. 9, 1933	17.67	36,200	1950	Oct. 4, 1949	12.91	10,700
1934	June 23, 1934	12.80	10,400				
1935	Sept. 9, 1935	12.42	9,750	1951	Oct. 22, 1950	8.83	5,210
				1952	Oct. 3, 1951	11.68	8,620
1936	Feb. 19, 1936	12.48	9,920	1953	Oct. 25, 1952	13.55	12,100
1937	Apr. 9, 1937	9.20	5,130	1954	Oct. 1, 1953	13.35	11,700
1938	July 15, 1938	8.42	4,150	1955	Sept.10, 1955	8.77	b5,150
1939	June 19, 1939	14.47	14,200				
1940	Sept.28, 1940	10.00	6,300	1956	Sept. 4, 1956	7.31	3,750
				1957	May 20, 1957	9.46	5,860
1941	July 19, 1941	9.25	5,380	1958	Oct. 6, 1957	10.03	6,460
1942	June 15, 1942	10.94	7,460	1959	Sept.21, 1959	13.45	11,900
1943	July 28, 1943	10.60	7,040	1960	Sept.15, 1960	15.80	21,000
1944	Oct. 6, 1943	9.33	5,510				
1945	July 24, 1945	12.45	9,750	1961	Sept. 1, 1961	5.98	c2,630

a Maximum for period Apr. 1 to Sept. 30, 1931. b Maximum peak discharge; maximum discharge during year, 5,460 cfs Oct. 1, 1954, stage falling. c Maximum independent peak discharge; maximum discharge during year, 9,440 cfs Oct. 2, 1960.

2975. Joshua Creek at Nocatee, Fla.

Location.--Lat 27°09'59", long 81°52'47", in SE¼ sec.14, T.38 S., R.24 E., near center of span on downstream side of bridge on U.S. Highway 17, 0.5 mile north of Nocatee, De Soto County, and 2.2 miles upstream from mouth.

Drainage area.--132 sq mi.

Gage.--Recording. Datum of gage is 3.94 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 1,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950	Sept. 6, 1950	13.41	a1,640	1956	Sept.10, 1956	10.11	648
1951	July 22, 1951	11.97	1,180	1957	July 26, 1957	12.33	1,290
	July 25, 1951	14.28	2,030		Aug. 25, 1957	14.04	1,910
	Aug. 18, 1951	12.72	1,420		Sept. 6, 1957	15.20	2,710
					Sept.17, 1957	12.29	1,280
1952	Oct. 2, 1951	17.89	7,620		Sept.28, 1957	13.65	1,820
1953	Oct. 16, 1952	12.63	1,390	1958	Oct. 4, 1957	13.97	2,000
	Oct. 21, 1952	16.36	4,040		Jan. 25, 1958	14.42	2,160
	June 8, 1953	11.80	1,130		Mar. 14, 1958	13.07	1,540
	June 26, 1953	11.49	1,030		May 24, 1958	12.76	1,430
	July 26, 1953	15.95	3,440		July 1, 1958	11.58	1,110
	July 29, 1953	12.45	1,040				
	Aug. 29, 1953	13.60	1,620	1959	Mar. 20, 1959	15.17	2,650
	Sept.28, 1953	15.92	3,410		June 19, 1959	16.27	4,100
					Aug. 10, 1959	11.83	1,110
1954	Oct. 10, 1953	18.80	8,670		Sept.17, 1959	15.30	2,760
	July 26, 1954	12.90	1,470				
	July 29, 1954	12.85	1,460	1960	Mar. 19, 1960	15.08	2,580
	Sept.19, 1954	12.95	1,490		July 31, 1960	14.88	2,440
	Sept.28, 1954	12.17	1,240		Sept.11, 1960	16.43	4,160
1955	Sept.24, 1955	12.18	1,240	1961	Jan. 14, 1961	11.09	986

a Maximum for period Apr. 29 to Sept. 30, 1950.

2980. Horse Creek near Arcadia, Fla.

Location.--Lat 27°11'57", long 81°59'19", in NW¼ sec.2, T.38 S., R.23 E., near center of span on downstream side of bridge on State Highway 72, 7.9 miles west of Arcadia, De Soto County, and 10.4 miles upstream from mouth.

Drainage area.--218 sq mi.

Gage.--Recording. Datum of gage is 10.96 ft above mean sea level, datum of 1929 (State Road Department bench mark).

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--Maximum stage known since at least 1948, that of Aug. 1, 1960.

Remarks.--Base for partial-duration series, 1,500 cfs. Only annual peaks are shown prior to 1954.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950	Sept. 6, 1950	14.10	a2,830	1958	Oct. 4, 1957	13.57	2,540
					Jan. 28, 1958	11.72	1,830
1951	July 25, 1951	12.83	2,120		Mar. 15, 1958	11.34	1,700
1952	Oct. 2, 1951	16.84	6,680				
1953	Oct. 22, 1952	15.80	4,780	1959	Mar. 23, 1959	13.52	2,510
					June 21, 1959	15.12	3,870
1954	Oct. 10, 1953	15.98	4,960		July 14, 1959	11.59	1,630
	Nov. 28, 1953	13.31	2,390		Aug. 14, 1959	13.58	2,550
	July 29, 1954	11.37	1,560		Sept. 7, 1959	14.00	2,840
					Sept.19, 1959	15.07	3,820
1955	Sept. 2, 1955	12.21	1,870				
1956	Sept.13, 1956	6.22	442	1960	Aug. 1, 1960	17.94	11,700
					Sept.13, 1960	16.39	6,020
1957	Aug. 9, 1957	12.29	1,910				
	Sept.28, 1957	11.48	1,590	1961	Oct. 3, 1960	12.76	2,100

a Maximum for period Apr. 28 to Sept. 30, 1950.

2990. Myakka River near Sarasota, Fla.
(Published as Miakka River prior to 1958)

Location.--Lat 27°14'25", long 82°18'50", in sec.21, T.37 S., R.20 E., on right bank half a mile upstream from bridge on State Highway 72, 2 miles upstream from Lower Myakka Lake, and 14 miles southeast of Sarasota, Sarasota County.

Drainage area.--235 sq mi.

Gage.--Nonrecording prior to June 29, 1961; recording thereafter. Prior to Apr. 10, 1941, at site half a mile downstream at same datum. Datum of gage is 7.92 ft above mean sea level, datum of 1929 (National Park Service bench mark).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Records include flow from Vanderipe Slough at high stages. Peak stage and peak discharge sometimes occur at different times. Discharge figures shown are peaks; a greater discharge occurred during some years because of a greater peak near the end of the preceding water year or the beginning of the succeeding water year. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1937	Apr. 9, 1937	7.66	1,340	1950	Sept. 9, 1950	8.38	3,000
1938	July 13, 1938	8.80	3,190				
1939	Aug. 15, 1939	8.52	4,040	1951	July 26, 1951	7.66	1,360
1940	Sept.29, 1940	7.02	1,350	1952	Oct. 4, 1951	9.24	3,440
				1953	Oct. 23, 1952	9.11	3,630
1941	July 20, 1941	7.04	1,020	1954	Oct. 12, 1953	8.67	2,520
1942	Feb. 28, 1942	7.12	1,190	1955	Sept.11, 1955	7.96	1,360
1943	June 30, 1943	9.00	3,850				
1944	Oct. 8, 1943	8.02	2,230	1956	Sept.12, 1956	7.42	826
1945	Aug. 28, 1945	8.68	3,360	1957	Aug. 10, 1957	9.00	2,340
				1958	Oct. 6, 1957	9.43	2,280
1946	May 29, 1946	7.44	1,010	1959	Sept.19, 1959	10.19	4,270
1947	Sept.21, 1947	10.78	6,620	1960	Aug. 1, 1960	11.56	8,670
1948	Sept.30, 1948	9.92	4,800				
1949	Aug. 15, 1949	8.54	3,160	1961	Sept.1,2, 1961	7.16	712

COASTAL BASINS BETWEEN MYAKKA RIVER AND ALAFIA RIVER

3000. Manatee River near Bradenton, Fla.

Location.--Lat 27°28'30", long 82°18'05", in SW¼ sec.34, T.34 S., R.20 E., on left bank 150 ft upstream from bridge on State Highway 675, 800 ft upstream from Craig Branch, 6¼ miles northwest of Verna, and 17 miles east of Bradenton, Manatee County.

Drainage area.--80 sq mi, approximately.

Gage.--Recording. Datum of gage is 11.72 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 1,100 cfs. Only annual peaks prior to 1948.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Aug. 12, 1939	23.17	a4,690	1948	Sept.28, 1948	22.22	3,500
1940	Aug. 7, 1940	17.41	1,360				
				1949	Aug. 13, 1949	20.00	1,870
1941	July 15, 1941	13.55	868		Aug. 21, 1949	20.50	2,040
1942	Feb. 25, 1942	19.70	1,780		Aug. 28, 1949	19.40	1,720
1943	June 27, 1943	24.14	5,710		Sept.29, 1949	23.05	4,430
1944	Oct. 3, 1943	21.06	2,350				
1945	Aug. 26, 1945	22.80	4,200	1950	Sept. 6, 1950	19.70	1,790
1946	Aug. 3, 1946	18.74	1,580	1951	July 23, 1951	19.20	1,680
1947	Sept.18, 1947	24.51	6,170		Sept.19, 1951	18.92	1,620
1948	Aug. 25, 1948	18.10	1,470	1952	Oct. 2, 1951	19.54	1,750
	Sept.23, 1948	20.00	1,870		Sept.30, 1952	21.95	3,220

a Maximum for period Apr. 1 to Sept. 30, 1939.

Peak stages and discharges of Manatee River near Bradenton, Fla.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1953	Oct. 9, 1952	15.53	1,190	1958	Jan. 24, 1958	20.90	2,220
	Oct. 21, 1952	22.28	3,600		Mar. 13, 1958	19.07	1,590
	Aug. 9, 1953	16.13	1,270				
	Aug. 28, 1953	16.55	1,320	1959	Mar. 20, 1959	20.47	2,010
	Sept. 8, 1953	15.00	1,120		June 18, 1959	23.86	5,430
	Sept.18, 1953	16.71	1,350		Aug. 10, 1959	21.52	2,740
	Sept.28, 1953	22.02	3,290		Aug. 18, 1959	21.46	2,680
					Aug. 31, 1959	18.18	1,420
1954	Nov. 26, 1953	21.35	2,570		Sept. 6, 1959	17.02	1,240
					Sept.17, 1959	23.31	4,790
1955	Sept. 2, 1955	13.94	887				
				1960	Mar. 19, 1960	18.09	1,410
1956	Sept. 3, 1956	17.23	1,330		July 29, 1960	25.09	7,500
					Sept. 3, 1960	16.80	1,210
1957	Aug. 7, 1957	19.84	1,790		Sept.11, 1960	25.67	8,410
1958	Oct. 3, 1957	20.27	1,930	1961	Aug. 27, 1961	16.87	1,220

3005. Little Manatee River near Wimauma, Fla.

Location.--Lat 27°40'15", long 82°21'10", in NE¼ sec.25, T.32 S., R.19 E., on left bank 25 ft downstream from bridge on U.S. Highway 301, 1½ miles upstream from Cypress Creek, and 4 miles southwest of Wimauma, Hillsborough County.

Drainage area.--149 sq mi.

Gage.--Recording. Datum of gage is 2.17 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 1,400 cfs. Only annual peaks are shown prior to 1948.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Aug. 13, 1939	14.00	a 8,410	1953	Sept.18, 1953	10.36	2,940
1940	Aug. 5, 1940	7.54	1,310		Sept.27, 1953	9.96	2,640
1941	July 17, 1941	8.13	1,620	1954	Oct. 10, 1953	7.72	1,410
1942	Feb. 25, 1942	8.40	1,740		Nov. 26, 1953	12.50	5,070
1943	June 28, 1943	12.34	4,840		May 14, 1954	7.37	1,420
1944	Aug. 1, 1944	7.59	1,520		July 27, 1954	9.15	2,110
1945	June 24, 1945	14.44	9,450		Sept.14, 1954	9.50	2,320
					Sept.27, 1954	9.00	2,020
1946	July 2, 1946	13.13	6,130				
1947	Sept.19, 1947	13.69	7,630	1955	Aug. 4, 1955	8.98	2,010
					Aug. 8, 1955	8.00	1,520
1948	Jan. 21, 1948	7.90	1,670		Aug. 20, 1955	7.96	1,500
	Jan. 25, 1948	9.90	2,750				
	Aug. 13, 1948	7.80	1,620	1956	Aug. 23, 1956	4.85	642
	Sept.23, 1948	9.80	2,690				
	Sept.29, 1948	10.06	2,880	1957	June 28, 1957	8.65	1,840
					Aug. 7, 1957	10.44	3,000
1949	Oct. 1, 1948	9.10	2,300				
	Oct. 4, 1948	12.52	2,190	1958	Oct. 3, 1957	9.65	2,160
	Aug. 14, 1949	7.60	1,520		Jan. 25, 1958	9.70	2,190
	Aug. 23, 1949	8.90	2,190		Feb. 27, 1958	8.46	1,550
	Aug. 28, 1949	12.52	5,070		Apr. 16, 1958	10.23	2,570
	Sept.30, 1949	11.30	3,780				
				1959	Mar. 20, 1959	12.92	5,510
1950	July 22, 1950	7.60	1,520		Apr. 3, 1959	8.96	1,740
	July 27, 1950	7.50	1,470		June 19, 1959	15.27	8,330
	Sept. 6, 1950	11.37	3,870		July 14, 1959	8.77	1,670
					Aug. 11, 1959	8.50	1,560
1951	Aug. 22, 1951	8.90	2,190		Aug. 18, 1959	8.20	1,440
	Aug. 26, 1951	8.68	2,070		Sept. 2, 1959	9.43	1,970
	Sept.20, 1951	9.52	2,530		Sept.14, 1959	9.37	1,940
					Sept.17, 1959	15.68	8,830
1952	Oct. 3, 1951	7.33	1,400				
				1960	Mar. 18, 1960	10.09	2,420
1953	Oct. 8, 1952	8.50	1,970		July 30, 1960	15.28	8,660
	Oct. 18, 1952	11.48	3,940		Sept.11, 1960	17.59	14,000
	Oct. 20, 1952	13.05	6,020				
	Jan. 11, 1953	8.34	1,680	1961	Aug. 27, 1961	6.66	945

a Maximum for period Mar. 30 to Sept. 30, 1939.

3010. North Prong Alafia River at Keysville, Fla.

Location.--Lat 27°53'01", long 82°06'01", in SW¼ sec.10, T.30 S., R.22 E., near center of span at downstream side of highway bridge, 1.2 miles north of Keysville, Hillsborough County, and 4 miles upstream from confluence with South Prong Alafia River.

Drainage area.--135 sq mi, approximately.

Gage.--Recording. Datum of gage is 38.56 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 1,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950	Sept. 7, 1950	12.78	a3,890	1958	Oct. 3, 1957	10.41	1,400
					Feb. 27, 1958	11.13	1,940
1951	Oct. 19, 1950	9.14	934				
				1959	Mar. 1, 1959	10.57	1,550
1952	Aug. 19, 1952	9.52	970		Mar. 20, 1959	13.47	5,580
					Apr. 3, 1959	11.27	2,180
1953	Oct. 20, 1952	12.53	3,490		Apr. 22, 1959	11.01	1,920
	July 24, 1953	10.15	1,220		June 18, 1959	12.61	3,960
	Aug. 3, 1953	10.78	1,660		July 14, 1959	10.55	1,540
	Aug. 27, 1953	10.07	1,160		July 17, 1959	10.36	1,400
	Sept. 4, 1953	11.53	2,310		July 20, 1959	10.26	1,330
	Sept.17, 1953	12.24	3,100		Aug. 11, 1959	10.08	1,210
	Sept.27, 1953	12.14	2,980		Aug. 17, 1959	11.62	2,540
					Aug. 30, 1959	11.85	2,820
1954	Oct. 10, 1953	10.05	1,150		Sept.14, 1959	9.88	1,080
	Nov. 25, 1953	12.78	3,860		Sept.17, 1959	12.95	4,570
	July 8, 1954	9.86	1,040				
	July 27, 1954	12.15	2,990	1960	Mar. 17, 1960	14.50	7,000
					July 30, 1960	14.42	6,860
1955	July 1, 1955	9.58	885		Aug. 8, 1960	9.96	1,130
					Aug. 14, 1960	9.91	1,100
1956	Sept. 3, 1956	9.06	688		Sept.11, 1960	15.86	9,570
					Sept.19, 1960	10.08	1,210
1957	May 15, 1957	10.61	1,540		Sept.28, 1960	10.21	1,300
	Aug. 7, 1957	10.38	1,380				
	Aug. 24, 1957	12.48	3,420	1961	Oct. 10, 1960	9.54	890
	Sept. 9, 1957	10.81	1,690				
	Sept.28, 1957	10.91	1,770				

a Maximum during period May to September, 1950.

3015. Alafia River at Lithia, Fla.

Location.--Lat 27°52'19", long 82°12'41", near center of sec.16, T.30 S., R.21 E., near center of span on downstream side of bridge on Marvina Road, 1.1 miles northwest of Lithia (station), 4.3 miles west of Lithia, Hillsborough County, and 2.0 miles upstream from Little Fishhawk Creek.

Drainage area.--335 sq mi, approximately.

Gage.--Nonrecording prior to Aug. 8, 1939; recording thereafter. Prior to Aug. 8, 1939, at site 250 ft upstream at same datum. Datum of gage is 9.86 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 21,000 cfs.

Remarks.--Base for partial-duration series, 1,700 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1933	June 14, 1933	10.23	2,010	1936	Feb. 11, 1936	11.99	2,700
	July 13, 1933	13.40	3,670		Feb. 17, 1936	11.00	2,260
	Sept. 7, 1933	25.6	45,900		Feb. 23, 1936	11.74	2,550
1934	June 16, 1934	16.49	7,380	1937	Oct. 12, 1936	10.52	2,100
					Apr. 7, 1937	9.79	1,890
1935	Sept. 5, 1935	18.08	10,400		Aug. 31, 1937	9.30	1,750
	Sept.15, 1935	10.00	1,950				

Peak stages and discharges of Alafia River at Lithia, Fla.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)
1938	Aug. 2, 1938	10.20	1,860
	Aug. 7, 1938	8.90	1,550
1939	Oct. 17, 1938	16.85	7,880
	June 17, 1939	13.92	4,080
	June 29, 1939	11.09	2,300
	July 9, 1939	13.01	3,350
	Aug. 6, 1939	11.09	2,300
	Aug. 15, 1939	13.58	3,830
	Aug. 27, 1939	12.37	2,930
	Sept.24, 1939	12.34	2,870
1940	Feb. 19, 1940	6.84	1,140
1941	Apr. 4, 1941	10.20	2,070
	July 13, 1941	11.40	2,560
	July 16, 1941	13.66	4,050
	July 26, 1941	9.03	1,700
1942	Dec. 26, 1941	9.02	1,700
	Mar. 20, 1942	9.23	1,760
1943	June 28, 1943	16.14	6,390
	July 13, 1943	10.94	2,340
	July 18, 1943	10.96	2,380
	July 24, 1943	13.20	3,650
	July 30, 1943	9.57	1,880
	Aug. 4, 1943	14.13	4,370
	Aug. 22, 1943	8.96	1,700
	Aug. 31, 1943	10.89	2,340
1944	Aug. 16, 1944	8.47	1,570
1945	Oct. 20, 1944	11.44	2,420
	June 25, 1945	16.76	7,880
	July 6, 1945	12.26	2,870
	July 18, 1945	14.27	4,450
	July 26, 1945	16.83	7,880
	Aug. 4, 1945	12.83	3,210
	Aug. 14, 1945	12.76	3,210
	Aug. 26, 1945	10.40	2,070
1946	Mar. 1, 1946	9.03	1,700
	July 28, 1946	10.40	2,140
	July 31, 1946	10.60	2,220
1947	Aug. 15, 1947	10.73	2,160
	Aug. 21, 1947	10.80	2,190
	Aug. 30, 1947	9.80	1,890
	Sept. 5, 1947	9.06	1,700
	Sept. 8, 1947	12.21	2,810
	Sept.20, 1947	20.38	17,900
	Sept.24, 1947	15.22	5,470
1948	Jan. 25, 1948	14.77	4,770
	Aug. 1, 1948	9.80	1,940
	Aug. 14, 1948	10.90	2,310
	Aug. 23, 1948	13.60	3,950
	Sept.24, 1948	12.10	2,810
1948	Sept.30, 1948	15.59	5,590
1949	Aug. 3, 1949	10.00	2,000
	Aug. 14, 1949	12.70	3,210
	Aug. 20, 1949	10.60	2,210
	Aug. 29, 1949	19.28	14,100
	Sept.30, 1949	14.76	4,760
1950	Sept. 7, 1950	15.04	5,030
1951	Sept.21, 1951	8.13	1,480
1952	Oct. 2, 1951	8.41	1,550
1953	Oct. 21, 1952	16.27	7,010
	Aug. 4, 1953	8.76	1,700
	Sept. 5, 1953	11.98	2,740
	Sept.18, 1953	13.43	3,650
	Sept.28, 1953	13.53	3,720
1954	Oct. 11, 1953	9.53	1,890
	Nov. 25, 1953	14.38	4,420
	July 28, 1954	13.42	3,640
1955	Sept.20, 1955	7.18	1,300
1956	Sept. 5, 1956	5.83	986
1957	May 17, 1957	11.04	2,330
	Aug. 9, 1957	10.75	2,220
	Aug. 25, 1957	12.24	2,870
	Sept.10, 1957	11.48	2,500
1958	Oct. 4, 1957	11.31	2,380
	Jan. 27, 1958	10.28	2,030
	Feb. 28, 1958	10.79	2,190
	Apr. 18, 1958	12.26	2,850
1959	Jan. 3, 1959	9.50	1,810
	Mar. 3, 1959	9.61	1,840
	Mar. 21, 1959	17.05	8,310
	Apr. 4, 1959	12.34	2,890
	Apr. 22, 1959	9.65	1,850
	June 20, 1959	14.77	4,770
	July 15, 1959	10.23	2,020
	July 21, 1959	10.15	2,000
	Aug. 19, 1959	11.74	2,570
	Sept. 1, 1959	11.88	2,640
	Sept.13, 1959	11.56	2,480
	Sept.18, 1959	16.17	6,860
1960	Oct. 23, 1959	9.24	1,740
	Mar. 18, 1960	17.20	8,580
	July 31, 1960	19.97	17,200
	Aug. 10, 1960	9.88	1,910
	Sept.12, 1960	21.12	20,300
	Sept.30, 1960	9.97	1,940
1961	Oct. 10, 1960	7.37	1,280

3018. Sixmile Creek at Tampa, Fla.

Location.--Lat 27°57'59", long 82°22'07", in SW¼ sec.12, T.29 S., R.19 E., on left bank 25 ft upstream from bridge on State Highway 574, at southeastern city limits of Tampa, Hillsborough County, and 4 miles upstream from mouth.

Drainage area.--28 sq mi, approximately.

Gage.--Nonrecording prior to Dec. 10, 1958; recording thereafter. Datum of gage is at mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1957	Aug. 6, 1957	7.73	402	1960	Sept.11, 1960	11.47	1,290
1958	Feb. 26, 1958	9.18	822				
1959	Aug. 29, 1959	9.92	1,150	1961	Aug. 28, 1961	5.60	147

HILLSBOROUGH RIVER BASIN

3025. Blackwater Creek near Knights, Fla.

Location.--Lat 28°08'25", long 82°09'00", in sec.18, T.27 S., R.22 E., on downstream side of center pier of bridge on State Highway 39, 2.0 miles downstream from Itchepackesassa Creek and 4.4 miles northwest of Knights, Hillsborough County.

Drainage area.--110 sq mi, approximately.

Gage.--Recording. Datum of gage is 70.56 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 1,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Apr. 24, 1951	6.74	a927	1957	Aug. 7, 1957	7.70	1,500
1952	Mar. 27, 1952	6.96	1,050	1958	Feb. 26, 1958	7.02	1,080
	May 30, 1952	7.19	1,180				
				1959	Mar. 13, 1959	6.90	1,030
1953	Aug. 3, 1953	7.88	1,630		Mar. 20, 1959	8.70	2,700
	Aug. 24, 1953	7.92	1,650		June 18, 1959	8.35	2,180
	Sept. 7, 1953	7.23	1,210		July 14, 1959	6.93	1,040
	Sept.17, 1953	7.69	1,490		Aug. 17, 1959	7.14	1,160
	Sept.23, 1953	7.11	1,140		Aug. 30, 1959	7.04	1,100
	Sept.27, 1953	8.13	1,800		Sept.17, 1959	7.74	1,550
1954	Nov. 26, 1953	7.87	1,620	1960	Mar. 18, 1960	9.70	5,400
	June 5, 1954	7.11	1,140		July 30, 1960	8.89	2,700
					Sept.11, 1960	9.52	4,680
1955	Aug. 6, 1955	6.29	726				
				1961	Oct. 9, 1960	5.64	610
1956	Sept. 9, 1956	6.06	651				

a Maximum for period Jan. 1 to Sept. 30, 1951.

3030. Hillsborough River near Zephyrhills, Fla.
(Published as Hillsboro River prior to 1951)

Location.--Lat 28°09', long 82°14', in sec.8, T.27 S., R.21 E., Hillsborough County, on left bank 10 ft downstream from footbridge in Hillsborough River State Park, 2 miles downstream from Blackwater Creek, and 7 miles southwest of Zephyrhills, Pasco County.

Drainage area.--220 sq mi, approximately.

Gage.--Nonrecording. Datum of gage is 33.28 ft above mean sea level (Corps of Engineers bench mark).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Gage readings furnished by superintendent of Hillsborough River State Park. Discharge figures shown are peaks; a greater discharge occurred during some years because of a greater peak near the end of the preceding water year or the beginning of the succeeding water year. Base for partial-duration series, 1,500 cfs. Only annual peaks are shown prior to 1949.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1940	Feb. 18, 1940	4.84	724	1954	Nov. 26, 1953	8.66	1,740
					July 27, 1954	9.08	1,890
1941	Apr. 4, 1941	12.65	4,230				
1942	Mar. 3, 1942	8.72	1,760	1955	Sept.10, 1955	6.93	1,240
1943	Aug. 31, 1943	10.23	2,350				
1944	Aug. 15, 1944	6.80	1,200	1956	Sept. 9, 1956	6.10	1,040
1945	July 26, 1945	13.30	5,330				
				1957	Aug. 7, 1957	9.55	2,070
1946	Aug. 2, 1946	9.40	2,010				
1947	Sept.19, 1947	13.71	5,920	1958	Feb. 27, 1958	10.00	2,260
1948	Jan. 25, 1948	12.02	3,600				
				1959	Mar. 20, 1959	13.10	4,880
1949	Oct. 1, 1948	8.40	1,650		Apr. 3, 1959	7.58	1,550
	Aug. 28, 1949	12.90	4,620		Apr. 22, 1959	7.52	1,540
	Sept.30, 1949	12.60	4,240		June 19, 1959	11.90	3,500
					July 15, 1959	9.70	2,190
1950	Sept. 7, 1950	13.80	5,890		Aug. 11, 1959	7.45	1,520
					Aug. 18, 1959	8.92	1,960
1951	Sept.19, 1951	6.18	1,060		Aug. 31, 1959	11.30	3,010
					Sept.17, 1959	11.88	3,480
1952	Mar. 27, 1952	7.60	1,420				
				1960	Oct. 9, 1959	7.33	1,500
1953	Aug. 4, 1953	10.10	2,300		Oct. 13, 1959	7.77	1,620
	Aug. 25, 1953	9.25	1,960		Oct. 23, 1959	8.18	1,740
	Sept. 7, 1953	10.65	2,560		Mar. 18, 1960	15.33	12,600
	Sept.17, 1953	11.88	3,480		July 30, 1960	13.76	6,280
	Sept.24, 1953	10.70	2,590		Sept.12, 1960	14.68	9,620
	Sept.28, 1953	12.66	4,310		Sept.29, 1960	9.91	2,270
1954	Oct. 10, 1953	8.06	1,550				

3032. Pemberton Creek near Dover, Fla.

Location.--Lat 28°01'34", long 82°14'12", in SE¼ sec.19, T.28 S., R.21 E., at bridge on county road, 1.8 miles upstream from Baker Creek, 2½ miles northwest of Dover, Hillsborough County, and 7 miles west of Plant City.

Drainage area.--24 sq mi, approximately.

Gage.--Nonrecording prior to Dec. 31, 1958; crest-stage gage thereafter. Datum of gage is 53.04 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1957	Aug. 6, 1957	5.78	258	1960	Mar. 17, 1960	8.78	1,400
1958	Feb. 26, 1958	4.30	146				
1959	Mar. 20, 1959	6.6	330	1961	-	(a)	< 100

a Peak stage did not reach bottom of gage.

3040. Hillsborough River near Harney, Fla.
(Published as "Hillsboro River" 1932-39)

Location.--Lat 28°03'15", long 82°21'52", on line between secs. 12 and 13, T.28 S., R.19 E., on right bank on downstream side of Fowler Street Bridge, a quarter of a mile downstream from Cow House Creek and 2½ miles north of Harney.

Drainage area.--630 sq mi, approximately.

Gage.--Nonrecording. Datum of gage is 19.14 ft above mean sea level (levels by Hillsborough County Engineering Department).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Records include flow of Withlacoochee-Hillsborough overflow which directs part of flow of Withlacoochee River at high stages. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1934	June 20, 1934	13.42	11,700	1937	Sept.3,4, 1937	6.12	1,960
1935	Sept. 8, 1935	10.49	6,550	1938	Aug.4-6, 1938	5.50	1,750
				1939	July14,15, 1939	7.05	3,190
1936	Feb. 19, 1936	7.32	3,530				

3045. Hillsborough River near Tampa, Fla.
(Published as "Hillsboro River" prior to 1951)

Location.--Lat 28°01'25", long 82°25'40", in sec.29, T.28 S., R.19 E., on left bank just upstream from spillway of Tampa Reservoir dam, at Thirtieth Street, 5½ miles northeast of Tampa, Hillsborough County.

Drainage area.--650 sq mi, approximately.

Gage.--Recording. Prior to Oct. 1, 1945, at site 2.1 miles upstream at datum 0.66 ft higher. Datum of gage is at mean sea level, datum of 1929 (city of Tampa bench mark).

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--Maximum stage known, that of Sept. 7, 1933.

Remarks.--Flow regulated by Tampa Reservoir since Oct. 1, 1945. Diversion at point 1½ miles above station for water supply by city of Tampa. Peak stage and peak discharge frequently occur at different times. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1933	Sept. 9, 1933	a25.6	b16,500	1950	Sept.10, 1950	22.76	c8,990
1939	July 12, 1939	11.74	2,980	1951	Sept.24, 1951	21.75	c1,500
1940	Feb. 22, 1940	8.46	1,300	1952	Apr. 5, 1952	21.87	c1,900
				1953	Sept.30, 1953	21.84	c6,830
1941	Apr. 8, 1941	12.81	4,500	1954	July 31, 1954	21.30	e2,890
1942	Mar. 9, 1942	9.98	2,230	1955	Sept.15, 1955	21.64	c1,980
1943	July24-27,1943	11.48	3,290				
1944	Aug. 18, 1944	8.80	1,770	1956	Sept.28, 1956	21.70	c810
1945	July 29, 1945	20.85	9,690	1957	Aug. 10, 1957	21.96	c3,810
				1958	Oct. 5, 1957	21.93	c3,180
1946	Aug. 5, 1946	22.26	c2,610	1959	Mar. 23, 1959	22.03	c7,390
1947	Sept.25, 1947	22.38	c7,580	1960	Mar. 21, 1960	22.89	14,600
1948	Jan. 28, 1948	22.32	d4,130				
1949	Sept.1,2, 1949	22.26	c5,420	1961	Aug. 31, 1961	21.45	f1,260

a Occurred Sept. 7, 1933; affected by backwater prior to failure of Tampa power dam. b Result of discharge measurement. c Maximum daily. d Maximum daily mean discharge for flood event whose crest occurred in the water year indicated. A higher daily discharge (5,800 cfs) occurred Oct. 1, 1947, on the recession from the crest that occurred in the preceding water year. e Maximum daily mean discharge for flood event whose crest occurred in the water year indicated. A higher daily discharge (6,800 cfs) occurred Oct. 1, 1953, on the recession from the crest that occurred in the preceding water year. f Maximum daily mean discharge for flood event whose crest occurred in the water year indicated. A higher discharge (3,420 cfs) occurred Oct. 1, 1960, stage falling.

3065. Sweetwater Creek near Sulphur Springs, Fla.

Location.--Lat 28°02'33", long 82°30'44", in sec.16, T.28 S., R.18 E., on left bank near upstream side of bridge on Gunn Highway, 1¾ miles downstream from Lake Ellen and 4.1 miles northwest of Sulphur Springs Post Office, Hillsborough County.

Drainage area.--6.4 sq mi, approximately.

Gage.--Recording. Datum of gage is 30.68 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Some regulation by manipulation of stoplogs in controls above station. Considerable flow diverted at times into basin above station from Hillsborough River basin since Feb. 10, 1953. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	Sept. 5, 1952	2.16	20	1957	Aug. 9, 1957	3.43	85
1953	Sept.16, 1953	3.40	83	1958	Aug. 21, 1958	2.12	61
1954	Oct. 1, 1953	3.02	64	1959	Sept. 9, 1959	a3.21	148
1955	Sept.24, 1955	1.85	10	1960	Mar. 17, 1960	4.25	438
1956	Oct. 4, 1955	1.20	3	1961	Oct. 9, 1960	1.44	70

a Occurred on Aug. 10, 1959.

3070. Rocky Creek near Sulphur Springs, Fla.

Location.--Lat 28°02'23", long 82°34'31", in N½ sec.23, T.28 S., R.17 E., on left bank 100 ft upstream from Seaboard Railway bridge, 2.5 miles downstream from Brushy Creek, and 7.7 miles northwest of Sulphur Springs Post Office, Hillsborough County.

Drainage area.--35 sq mi, approximately.

Gage.--Recording. Datum of gage is 0.15 ft below mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 500 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1953	Aug. 17, 1953	10.79	a576	1959	Mar. 20, 1959	12.95	978
	Sept.27, 1953	12.00	697		Aug. 13, 1959	14.23	1,380
					Aug. 18, 1959	11.28	637
1954	Aug. 30, 1954	9.92	492		Sept.10, 1959	11.90	745
					Sept.16, 1959	10.84	574
1955	Sept. 3, 1955	5.25	b138				
				1960	Mar. 17, 1960	16.09	2,340
1956	Sept.10, 1956	c3.97	46		July 29, 1960	17.03	2,840
					Aug. 9, 1960	9.69	559
1957	Aug. 6, 1957	10.22	521		Sept.11, 1960	13.20	1,170
1958	Oct. 3, 1957	8.31	351	1961	Aug. 28, 1961	6.31	245

a For period Jan. 1 to Sept. 30, 1953.
b Maximum peak discharge; maximum daily mean discharge during year, 142 cfs Oct. 1, 1954, stage falling.
c Occurred Sept. 25, 1956; affected by tide from hurricane "Flossie."

3075. Alligator Creek at Safety Harbor, Fla.

Location.--Lat 27°58'45", long 82°41'45", in sec.9, T.29 S., R.16 E., on right upstream wingwall of concrete control, 30 ft upstream from bridge on Bayshore Drive and 0.8 mile southwest of Safety Harbor, Pinellas County.

Drainage area.--9.0 sq mi, approximately.

Gage.--Recording and concrete control. Prior to Apr. 6, 1959, at site of former control 160 ft upstream at datum 0.34 ft higher. Datum of gage is 1.19 ft below mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950	Sept. 6, 1950	9.00	490	1956	Nov. 11, 1955	6.92	37
				1957	Aug. 25, 1957	7.63	159
1951	Apr. 9, 1951	6.78	22	1958	Feb. 27, 1958	7.47	121
1952	Mar. 27, 1952	7.50	145	1959	Mar. 18, 1959	8.33	a327
1953	July 27, 1953	8.17	289				
1954	Nov. 26, 1953	7.26	79	1961	Oct. 9, 1960	6.60	b52
1955	Sept.11, 1955	7.31	87				

a Maximum during period Oct. 1, 1958, to Apr. 5, 1959.
b Maximum daily.

3085. Seminole Lake Outlet near Largo, Fla.

Location.--Lat 27°50'20", long 82°46'50", in sec.27, T.30 S., R.15 E., on south shore of Seminole Lake, 250 ft west of highway bridge across spillway channel and 5.2 miles south of Largo, Pinellas County.

Drainage area.--14 sq mi, approximately.

Gage.--Recording. Datum of gage is at mean sea level, datum of 1929 (Pinellas County bench mark).

Stage-discharge relation.--Defined by current-meter measurements below 270 cfs.

Remarks.--Greater part of inflow to Seminole Lake is regulated by pumps at north dam 3.0 miles above station. Pumpage at north dam represents natural flow of tributary above dam. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950	Sept. 5, 1950	7.44	a539	1956	Nov. 11, 1955	5.29	25
				1957	Sept. 9, 1957	6.28	225
1951	Sept.19, 1951	5.93	143	1958	Aug. 19, 1958	6.03	162
1952	Mar. 27, 1952	6.09	182	1959	Mar. 20, 1959	6.70	336
1953	Sept.17, 1953	6.44	266	1960	July 29, 1960	7.38	522
1954	Nov. 26, 1953	5.71	b93				
1955	Feb. 12, 1955	5.47	52	1961	Aug. 20, 1961	5.89	118

a Maximum for period Aug. 1 to Sept. 30, 1950.
b Maximum peak discharge; maximum discharge during year, 105 cfs Oct. 1, 1953, stage falling.

3090. Brooker Creek near Odessa, Fla.

Location.--Lat 28°08'05", long 82°35'40", in sec.10, T.27 S., R.17 E., on left bank 20 ft upstream from bridge on State Highway 232, 30 ft downstream from outlet of Keystone Lake, and 3.2 miles south of Odessa, Hillsborough County.

Drainage area.--10 sq mi, approximately.

Gage.--Recording. Datum of gage is 30.00 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Since May 1955, flow regulated by manipulation of stoplogs in culvert. Discharge figures shown are peaks; a greater discharge occurred during some years because of a higher peak near the end of the preceding water year or the beginning of the succeeding water year. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1946	Aug. 10, 1946	11.86	a32	1952	(c)	11.40	23
1947	Aug. 21, 1947	12.62	65	1953	Aug. 18, 1953	12.25	50
1948	Jan. 31, 1948	11.61	23	1954	Oct. 1, 1953	12.60	73
1949	Aug. 23, 1949	b13.20	b180	1955	Oct. 1, 1954	11.90	38
1950	Sept. 8, 1950	12.87	130	1956	Oct. 1, 1955	11.03	d17
1951	Oct.19,20,21,1950	10.68	7.4				

a Maximum for period Apr. 1 to Sept. 30, 1946. b Maximum observed. c Mar. 30 to Apr. 2, 1952. d Maximum discharge during period October to June 1956, stage falling.

3095. Brooker Creek near Tarpon Springs, Fla.

Location.--Lat 28°05'45", long 82°41'15", in sec.27, T.27 S., R.16 E., on right bank 80 ft downstream from bridge on private road, 1.8 miles upstream from Lake Tarpon, and 5 miles southeast of Tarpon Springs, Pinellas County.

Drainage area.--30 sq mi, approximately.

Gage.--Recording. Datum of gage is at mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Oct. 19, 1950	11.07	111	1957	Aug. 9, 1957	12.32	676
1952	Mar. 27, 1952	11.65	259	1958	Oct. 3, 1957	11.60	232
1953	Aug. 10, 1953	11.70	266	1959	Aug. 11, 1959	12.44	772
1954	Dec. 24, 1953	11.32	a142	1960	Mar. 17, 1960	13.32	1,600
1955	Sept. 5, 1955	11.14	109	1961	Oct. 10, 1960	10.61	b66
1956	Aug. 23, 1956	11.03	96				

a Maximum peak discharge; maximum discharge during year, 237 cfs Oct. 1, 1953, stage falling.

b Maximum peak discharge; maximum discharge during year, 69 cfs Oct. 1, 1960, stage falling.

3100. Anclote River near Elfers, Fla.

Location.--Lat 28°12'50", long 82°40'00", in NE¼ sec.23, T.26 S., R.16 E., on left bank 40 ft downstream from bridge on State Highway 54 and 3½ miles east of Elfers, Pasco County.

Drainage area.--72.5 sq mi.

Gage.--Recording. Datum of gage is at mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 3,700 cfs.

Remarks.--Base for partial-duration series, 700 cfs. Only annual peaks are shown prior to 1950.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1945	Aug. 8, 1945	27.7	5,000	1956	Aug. 24, 1956	13.78	366
1946	July 31, 1946	16.71	a608	1957	June 10, 1957	17.97	737
1947	Sept.20, 1947	21.76	1,160		Aug. 8, 1957	20.44	1,020
1948	Jan. 26, 1948	20.54	974				
1949	Aug. 22, 1949	b23.02	b1,550	1958	Mar. 4, 1958	21.27	1,140
1950	Sept. 6, 1950	26.02	3,500	1959	Mar. 20, 1959	23.38	1,790
					May 25, 1959	17.71	711
1951	July 30, 1951	14.81	457		Aug. 12, 1959	19.87	930
					Aug. 19, 1959	18.90	830
1952	Mar. 28, 1952	19.36	881		Sept. 2, 1959	19.78	918
					Sept.17, 1959	23.25	1,720
1953	Apr. 14, 1953	24.37	2,340				
	Aug. 17, 1953	17.90	739	1960	Mar. 18, 1960	26.05	3,850
	Sept.29, 1953	18.20	766		July 30, 1960	26.09	3,890
					Sept.13, 1960	22.42	1,390
1954	Dec. 25, 1953	17.50	699				
				1961	Oct. 11, 1960	15.17	478
1955	Sept.12, 1955	15.02	466				

a Maximum for period May 10 to Sept. 30, 1946.
b Maximum observed; may have been greater during period of no gage-height record.

WITHLACOOCHEE RIVER BASIN

3115. Withlacoochee River near Dade City, Fla.

Location.--Lat 28°21', long 82°07', in SE¼ sec.32, T.24 S., R.22 E., at Lanier Bridge on county road, 4 miles east of Dade City, Pasco County.

Drainage area.--390 sq mi, approximately.

Gage.--Nonrecording 1930-33. Crest-stage gage 1959-61.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Considerable natural diversion during high stages at point about 6 miles above station into Hillsborough River basin through Withlacoochee-Hillsborough overflow. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1930	Apr. 2, 1930	12.35	a1,960	1959	Mar. 24, 1959	12.55	2,740
				1960	Mar. 21, 1960	14.28	5,900
1931	Apr. 21, 1931	11.26	1,070				
1932	June 27, 1932	9.40	360	1961	Sept. 7, 1961	8.36	c302
1933	Nov. 13, 1932	8.82	b248				

a Maximum for period Feb. 11 to Sept. 30, 1930.
b Maximum for period Oct. 1, 1932, to Mar. 31, 1933.
c Maximum peak discharge; maximum discharge during year (unknown) Oct. 1, 1960, stage falling.

3120. Withlacoochee River at Trilby, Fla.

Location.--Lat 28°28'47", long 82°10'40", in SE¼ sec.14, T.23 S., R.21 E., Hernando County, on right bank at downstream side of bridge on U.S. Highway 301, 1.6 miles northeast of Trilby, Pasco County, and 10 miles upstream from Little Withlacoochee River.

Drainage area.--580 sq mi, approximately.

Gage.--Nonrecording prior to Oct. 1, 1938; recording thereafter. Prior to Oct. 1, 1938, at site 1½ miles downstream at datum 0.12 ft lower. Datum of gage is 49.27 ft above mean sea level (Corps of Engineers bench mark).

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--See information in regard to 1933 and 1934 floods for station at Croom (station 3125).

Remarks.--High-water diversion above station into Hillsborough River basin through Withlacoochee-Hillsborough overflow near Richland. Discharge figures shown are peaks; a greater discharge occurred during some years because of a greater peak near the end of the preceding water year or the beginning of the succeeding water year. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1930	Apr. 10, 1930	12.22	a2,070	1946	Aug.4-5, 1946	8.91	853
				1947	Sept.30, 1947	12.86	2,050
1931	Apr. 19, 1931	10.75	1,590	1948	Aug. 23, 1948	13.38	2,250
1932	Sept.17, 1932	4.04	354	1949	Sept. 7, 1949	13.13	2,130
1933	Sept.12, 1933	20.18	8,300	1950	Sept.11, 1950	17.93	4,790
1934	June 21, 1934	20.5	8,840				
1935	Sept.16, 1935	12.58	2,270	1951	May 3, 1951	7.63	607
				1952	Oct. 9, 1951	10.88	1,400
1936	Feb. 29, 1936	10.30	1,360	1953	Sept.19, 1953	13.79	2,420
1937	Sept. 3, 1937	11.55	1,760	1954	Dec. 25, 1953	11.08	1,460
1938	Oct. 6, 1937	6.90	711	1955	Sept.16, 1955	11.66	1,650
1939	Sept. 5, 1939	12.59	1,970				
1940	July 7, 1940	9.28	902	1956	Nov. 12, 1955	4.68	238
				1957	Sept.22, 1957	11.16	1,490
1941	July 26, 1941	11.93	1,790	1958	Mar. 10, 1958	13.61	2,600
1942	Mar.10-15,1942	10.34	1,190	1959	Mar. 26, 1959	14.35	2,960
1943	Aug. 23, 1943	9.93	1,070	1960	Mar. 23, 1960	19.38	6,920
1944	Sept. 4, 1944	9.05	825				
1945	(b)	14.20	2,830	1961	Sept. 7, 1961	6.22	372

a Maximum for period Feb. 10 to Sept. 30, 1930.
b July 31, Aug. 1, 1945.

3125. Withlacoochee River at Croom, Fla.

Location.--Lat 28°35'33", long 82°13'20", in NE¼ sec.8, T.22 S., R.21 E., on left bank at upstream side of abandoned highway bridge at Croom, Hernando County, 2 miles downstream from Little Withlacoochee River.

Drainage area.--880 sq mi, approximately.

Gage.--Nonrecording prior to Feb. 2, 1940; recording thereafter. Prior to Feb. 2, 1940, at railroad bridge 500 ft upstream at same datum. Datum of gage is 38.94 ft above mean sea level (Corps of Engineers bench mark).

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--According to long-term local residents, the flood of September 1933 reached the bridge floor and the flood of June 1934 was from one-half to one foot over the bridge floor. Residents also indicated that it had been at least 75 years since a stage even approaching the 1933 and 1934 stages had occurred.

Remarks.--Discharge figures shown are peaks; a greater discharge occurred during some years because of a greater peak near the end of the preceding water year or the beginning of the succeeding water year. Only annual peaks are shown.

Peak stages and discharges of Withlacoochee River at Croom, Fla.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1934	June 1934	15.2	-	1951	Oct. 23, 1950	7.23	925
				1952	Oct. 11, 1951	8.00	1,390
1940	July 12, 1940	7.45	1,080	1953	Sept.22, 1953	10.12	3,560
				1954	Dec. 28, 1953	8.53	a1,820
1941	Apr. 12, 1941	8.62	2,060	1955	Sept.18, 1955	8.18	1,510
1942	Mar. 18, 1942	7.92	1,400				
1943	Aug. 25, 1943	7.90	1,400	1956	Nov. 14, 1955	4.43	276
1944	Sept. 5, 1944	7.52	1,090	1957	Sept.22, 1957	8.19	1,570
1945	July 29, 1945	10.44	4,290	1958	Mar. 10, 1958	9.70	3,000
				1959	Mar. 25, 1959	10.33	3,830
1946	Aug. 6, 1946	7.58	1,180	1960	Mar. 23, 1960	13.78	8,650
1947	Sept.27-30,1947	9.67	3,160				
1948	Aug.25-28,1948	9.62	3,100	1961	Feb.11-14,1961	5.60	485
1949	Sept. 3, 1949	9.97	3,330				
1950	Sept.12, 1950	12.71	8,450				

a Maximum daily mean discharge.

3130. Withlacoochee River near Holder, Fla.

Location.--Lat 28°59'19", long 82°20'59", in sec.30, T.17 S., R.20 E., Marion County, near right bank on downstream side of bridge on State Highway 200, 4½ miles northeast of Holder, Citrus County.

Drainage area.--1,710 sq mi, approximately.

Gage.--Nonrecording prior to Feb. 16, 1929; recording thereafter. Prior to Feb. 16, 1929, at present site at datum 2.00 ft higher. Aug. 29, 1931, to May 19, 1961, at site 100 ft downstream at same datum. Datum of gage is 27.52 ft above mean sea level (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Discharge figures shown are peaks; a greater discharge occurred during some years because of a greater peak near the end of the preceding water year or the beginning of the succeeding water year. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	Oct. 16, 1928	9.26	a5,830	1947	Oct. 12, 1946	7.55	2,700
				1948	Sept.2-4, 1948	9.49	3,970
1932	Sept. 9, 1932	2.26	555	1949	Oct.6-8, 1948	8.30	3,020
1933	Sept.26, 1933	11.17	5,860	1950	Sept.23-29,1950	10.40	4,980
1934	July 8-13,1934	11.63	6,740				
1935	Sept.28-30,1935	8.86	3,290	1951	Jan. 7, 1951	4.73	1,400
				1952	Mar. 30, 1952	5.23	1,550
1936	Mar.11-18,1936	b7.67	2,800	1953	May 2,3, 1953	5.77	1,710
1937	Aug. 31, 1937	8.46	3,090	1954	Oct. 9, 1953	10.46	5,050
1938	Oct.3-8, 1937	7.03	2,240	1955	Sept.28-29,1955	4.25	1,220
1939	Sept.24-27,1939	7.94	2,720				
1940	Aug.8-10, 1940	c4.77	1,400	1956	Jan. 27, 1956	2.25	601
				1957	Nov. 12, 1956	3.48	959
1941	Apr. 20-23,1941	5.90	1,890	1958	Mar. 26, 1958	8.27	3,240
1942	Mar.27-29,1942	6.13	1,900	1959	Apr. 7, 1959	9.95	4,600
1943	Sept. 2, 1943	7.86	2,780	1960	Apr. 5, 1960	13.28	8,660
1944	Sept.12-14,1944	d5.12	1,350				
1945	Aug.19-21,25,26, 1945	10.54	5,330	1961	Oct. 10, 1960	12.05	7,060
1946	Mar. 3-4, 1946	6.20	2,060				

a Maximum for period Oct. 1, 1928, to Feb. 15, 1929.
b Occurred on Mar. 17, 1936.
c Occurred on Aug. 10, 1940.
d Occurred on Sept. 13, 1944.

3135. Waccasassa River near Otter Creek, Fla.

Location.--Lat 29°21'15", long 82°44'06", in NW¼ sec.17, T.13 S., R.16 E., near right bank at upstream side of bridge on State Highway 24, 3.0 miles northeast of village of Otter Creek, Levy County, and 14.0 miles upstream from mouth of Otter Creek.

Drainage area.--Indeterminate. Total drainage area of Waccasassa River and Otter Creek near Otter Creek is 220 sq mi, approximately.

Gage.--Recording. Datum of gage is 23.52 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Records include flow in main channel only. Waccasassa River and Otter Creek are connected above State Highway 24 by swamps and numerous cross channels. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1945	Aug. 20, 1945	5.57	a506	1950	Sept. 7, 1950	7.16	1,210
1946	July 30, 1946	4.72	255	1951	Oct. 22, 1950	4.22	212
1947	Sept.25,26, 1947	5.21	399	1952	Feb. 26, 1952	5.10	376
1948	Mar. 12, 1948	6.39	902	1953	Aug. 25, 1953	5.60	577
1949	Aug. 13, 1949	5.48	490				

a Maximum for period May 1 to Sept. 30, 1945.

3140. Otter Creek at Otter Creek, Fla.

Location.--Lat 29°19'08", long 82°47'03", in SW¼ sec.26, T.13 S., R.15 E., near right bank at upstream side of bridge on State Highway 24, 0.8 mile southwest of village of Otter Creek, Levy County, 1.1 miles southwest of U.S. Highway 98, and 9.7 miles upstream from mouth.

Drainage area.--Indeterminate. Total drainage area of Waccasassa River and Otter Creek near Otter Creek is 220 sq mi, approximately.

Gage.--Recording. Datum of gage is 13.35 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Records include flow of main channel and a relief channel 0.4 mile northeast of gage. Waccasassa River and Otter Creek are connected above State Highway 24 by swamps and numerous cross channels. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1945	Aug. 20, 1945	5.91	a560	1950	Sept. 6, 1950	7.93	3,000
1946	July 31, 1946	4.99	322	1951	Sept.20,21,1951	4.67	338
1947	Sept.25, 1947	5.19	477	1952	Nov. 17, 1951	5.08	509
1948	Mar. 12, 1948	6.18	1,350	1953	Aug. 9, 1953	5.00	474
1949	Aug. 14, 1949	5.60	788				

a Maximum for period May to September 1945.

SUWANNEE RIVER BASIN

3145. Suwannee River at Fargo, Ga.

Location.--Lat 30°41', long 82°34', on downstream side of right bank pier of bridge on U.S. Highway 441 at Fargo, Clinch County, 4 miles upstream from Suwanoochee Creek and 12 miles downstream from Mixons Ferry damsite.

Drainage area.--About 1,260 sq mi, includes part of watershed on Okefenokee Swamp, which is indeterminate.

Gage.--Nonrecording prior to Nov. 27, 1952; recording thereafter. Prior to June 11, 1938, at site 1,000 ft upstream at datum 1.00 ft higher. June 11, 1938, to Nov. 26, 1952, at site 1,000 ft upstream at present datum. Datum of gage is 91.90 ft above mean sea level, datum of 1929, supplementary adjustment of 1936. All sites converted to present datum.

Stage-discharge relation.--Defined by current-meter measurements below 12,000 cfs. Stage-discharge relation affected by backwater.

Bankfull stage.--10 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges of Suwannee River at Fargo, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1928	May 2, 1928	14.4	5,210	1948	Oct. 29, 1947	19.6	10,800
1929	Oct. 1, 1928	19.5	13,800	1949	Sept.10, 1949	14.3	5,900
1930	Oct. 3, 1929	19.6	11,900	1950	Oct. 1, 1949	11.3	2,660
1931	Oct. 3, 1930	11.4	2,460	1951	Oct. 26, 1950	11.9	3,260
				1952	Nov.10,Dec.31, 1951	12.8	4,300
1938	Oct. 8, 1937	12.7	4,410				
1939	Aug. 29, 1939	11.6	2,490	1953	Sept. 2, 1953	11.8	3,280
1940	Feb. 21, 1940	11.0	2,060	1954	Oct. 5, 1953	14.6	5,640
				1955	Sept.17, 1955	10.7	1,710
1941	Sept.23, 1941	7.5	810				
1942	Jan. 11, 1942	15.9	7,960	1956	May 10, 1956	7.9	960
1943	Oct. 1, 1942	5.6	495	1957	June 14, 1957	12.2	2,550
1944	Aug. 14, 1944	12.8	4,280	1958	Apr. 24, 1958	13.2	4,400
1945	Aug. 22, 1945	17.3	9,690	1959	Mar. 22, 1959	17.2	8,680
				1960	Aug.1-5, 1960	12.7	4,190
1946	Aug. 8, 1946	14.2	5,920				
1947	Sept.30, 1947	14.4	6,160	1961	Apr. 23, 1961	15.5	7,100

3146. Suwanoochee Creek at Du Pont, Ga.

Location.--Lat 30°59', long 82°53', at U.S. Highway 84 and State Highway 38, at Du Pont, Clinch County.

Drainage area.--143 sq mi.

Gage.--Crest-stage gage. Datum of gage is 169.65 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Georgia State Highway Department).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1930	October 1929	a11.2	-	1956	Aug. 14, 1956	6.47	600
				1957	June 11, 1957	6.09	430
1948	April 1948	a7.7	1,150	1958	Apr. 20, 1958	7.10	900
				1959	Mar. 9, 1959	8.17	1,480
1952	Apr. 2, 1952	5.6	195	1960	Apr. 11, 1960	7.45	1,050
1953	Sept.30, 1953	7.21	850				
1954	January 1954	5.92	285	1961	Apr. 16, 1961	7.88	1,300
1955	Sept.17, 1955	5.09	80				

a From Georgia State Highway Department.

3155. Suwannee River at White Springs, Fla.

Location.--Lat 30°19'32", long 82°44'18", in SW¼ sec.8, T.2 S., R.16 E., Columbia County, on left bank at downstream side of bridge on U.S. Highway 41, 1 mile southeast of White Springs, Hamilton County.

Drainage area.--2,360 sq mi, approximately (includes part of watershed in Okefenokee Swamp, which is indeterminate).

Gage.--Nonrecording prior to Aug. 1, 1932; recording thereafter. Prior to Aug. 1, 1932, at site 1 mile downstream at same datum. Datum of gage is 48.54 ft above mean sea level (Corps of Engineers bench mark).

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--The flood of Apr. 5, 1948, was reported to be the highest known to residents of the area since 1862.

Remarks.--Discharge figures shown are peaks; a greater discharge occurred during some years because of a greater peak near the end of the preceding water year or the beginning of the succeeding water year. Only annual peaks are shown.

Peak stages and discharges of Suwannee River at White Springs, Fla.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1906	July 16, 1906	23.2	a7,500	1943	Oct.1-3, 1942	7.54	866
1907	Aug. 24, 1907	11.4	3,220	1944	Aug. 11, 1944	24.37	7,690
1908	Jan. 1, 1908	20.9	6,650	1945	Aug. 25, 1945	33.20	16,500
1927	July 27, 1927	9.8	b2,610	1946	Aug. 11, 1946	26.11	8,340
1928	Apr. 30, 1928	30.59	13,000	1947	Sept.26, 1947	27.81	9,150
1929	Oct. 1, 1928	33.9	20,600	1948	Apr. 5, 1948	36.65	28,500
1930	Oct. 5, 1929	33.5	19,600	1949	Sept.12, 1949	24.91	7,880
				1950	Sept. 8, 1950	11.20	2,740
1931	Jan. 24, 1931	15.00	4,280				
1932	Sept.22, 1932	29.26	10,100	1951	Oct. 30, 1950	15.16	4,200
1933	Feb. 17, 1933	28.97	10,200	1952	Jan. 5, 1952	19.34	5,780
1934	Aug. 13, 1934	10.10	2,220	1953	Sept.10, 1953	-	c5,200
1935	Sept.22, 1935	21.07	6,330	1954	Oct.8-11, 1953	28.36	10,100
				1955	Sept.19, 1955	13.98	3,840
1936	Feb. 25, 1936	16.20	4,480				
1937	Apr. 17, 1937	29.54	11,100	1956	May 11, 1956	8.17	1,760
1938	Oct. 4, 1937	21.90	6,660	1957	June 10, 1957	27.76	9,130
1939	Aug. 28, 1939	19.01	5,640	1958	Apr. 11, 1958	26.29	8,420
1940	Feb. 20, 1940	17.75	5,180	1959	Mar. 22, 1959	34.61	20,100
				1960	Mar. 19, 1960	22.07	6,810
1941	July 27, 1941	13.52	3,550				
1942	Jan. 15, 1942	30.22	11,700	1961	Apr. 30, 1961	25.03	7,930

a Maximum for period May 28 to Sept. 30, 1906. b Maximum for period Feb. 1 to Sept. 30, 1927. c Maximum daily mean discharge for flood event whose crest occurred during the year; maximum discharge, 7,200 cfs Sept. 30, 1953, stage rising.

3157. Alapaha River at Rebecca, Ga.

Location.--Lat 31°49', long 82°28', at State Highway 90, 1 mile east of Rebecca, Ben Hill County.

Drainage area.--112 sq mi.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Mar. 31, 1951	3.77	700	1957	Apr. 10, 1957	4.43	1,080
1952	May 31, 1952	4.68	1,310	1958	Apr. 11, 1958	4.19	940
1953	Sept.22, 1953	5.04	1,600	1959	Mar. 8, 1959	5.38	2,060
1954	Jan. 2, 1954	4.51	1,150	1960	Apr. 6, 1960	6.51	3,400
1955	Aug. 1, 1955	3.12	400				
				1961	Apr. 16, 1961	5.34	2,000
1956	Feb. 7, 1956	3.29	470				

3159. Deep Creek near Ashburn, Ga.

Location.--Lat 31°44', long 83°35', at State Highway 112, 4½ miles east of Ashburn, Turner County.

Drainage area.--137 sq mi.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Apr. 1, 1951	9.67	760	1957	May 16, 1957	10.2	1,320
1952	Mar. 26, 1952	9.84	810	1958	Apr. 11, 1958	10.7	1,640
1953	May 8, 1953	10.5	1,500	1959	Mar. 6, 1959	12.1	2,740
1954	Jan. 3, 1954	9.94	1,140	1960	Apr. 5, 1960	13.0	3,880
1955	Sept. 8, 1955	8.71	560				
				1961	Apr. 16, 1961	12.3	2,940
1956	Feb. 8, 1956	9.82	1,080				

3160. Alapaha River near Alapaha, Ga.

Location.--Lat 31°23', long 83°10', near left bank on downstream side of bridge on State Highway 50, 2 miles east of Alapaha, Berrien County, and 6 miles upstream from Willaoochee River.

Drainage area.--663 sq mi.

Gage.--Nonrecording prior to Sept. 8, 1943; recording thereafter. Datum of gage is 209.34 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 12,000 cfs.

Bankfull stage.--11 ft.

Remarks.--Base for partial-duration series, 1,500 cfs. Only annual peaks are shown prior to 1944.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1928	April 1928	a18.0	16,000	1950	Mar. 22, 1950	8.9	1,130
1938	Apr. 15, 1938	8.6	1,060	1951	Apr. 3, 1951	10.8	2,220
1939	Mar. 3, 1939	15.3	9,220		Aug. 5, 1951	10.6	2,060
1940	Feb. 25, 1940	10.8	2,290	1952	Dec.25,26,1951	10.9	2,300
1941	Mar.25,26,1941	9.5	1,450		Feb. 25, 1952	10.8	2,220
1942	Jan. 9, 1942	12.9	4,960		Apr. 1, 1952	10.8	2,220
1943	Mar.26,27, 1943	11.3	2,700	1953	Feb. 25, 1953	10.3	1,840
	May 28, 1943	11.3	2,700		Apr. 20, 1953	10.7	2,140
1944	Feb. 18, 1944	10.6	2,060	1954	Oct.5,6, 1953	10.9	2,300
	Mar. 10, 1944	12.8	4,660		Jan.1,2, 1954	11.7	3,160
	Mar. 26, 1944	13.5	5,800	1955	Apr. 17, 1955	8.2	890
	Apr. 21, 1944	15.0	8,620	1956	Feb. 22, 1956	11.0	2,400
	May 2, 1944	14.5	7,640		Mar. 22, 1956	9.8	1,550
1945	Feb. 16, 1945	9.8	1,550	1957	Apr. 12, 1957	11.1	2,400
	July 22, 1945	11.5	2,920	1958	Dec.6,7, 1957	11.1	2,500
	Aug. 18, 1945	11.4	2,800		Mar. 14, 1958	11.6	2,800
1946	Jan. 2, 1946	11.1	2,500		Apr. 16, 1958	12.6	4,360
	Jan. 23, 1946	11.6	3,040		May 26, 1958	10.1	1,720
	Apr. 5, 1946	10.3	1,840	1959	Feb. 14, 1959	12.5	4,220
	May 2, 1946	10.2	1,780		Mar.10-12, 1959	13.4	5,620
	May 26, 1946	10.7	2,140		Mar. 21, 1959	12.3	3,940
1947	Mar. 14, 1947	11.6	3,040		Apr. 2, 1959	12.9	4,820
	Apr. 21, 1947	13.7	6,160		May 28, 1959	11.2	2,600
	May 11, 1947	10.2	1,780	1960	Nov. 6, 1959	11.9	3,100
1948	Nov. 29, 1947	13.2	5,300		Dec. 22, 1959	10.4	1,860
	Dec. 14, 1947	14.8	8,220		Feb. 19, 1960	12.9	4,280
	Jan. 31, 1948	10.7	2,140		Apr. 8, 1960	15.6	8,860
	Mar. 12, 1948	13.8	6,340	1961	Apr. 8, 1961	11.0	2,280
	Apr. 4, 1948	16.8	12,700		Apr. 18, 1961	14.7	7,060
1949	Dec.13,14,1948	11.9	3,400				
	Dec. 25, 1948	12.0	3,520				
	Feb. 12, 1949	11.5	2,920				
	Apr. 15, 1949	10.5	1,980				
	Sept. 6, 1949	10.9	2,220				

a From Georgia State Highway Department.

3162. Willacoochee River near Ocilla, Ga.

Location.--Lat 31°30', long 83°10', at State Highway 90, 8 miles southeast of Ocilla, Irwin County.

Drainage area.--90 sq mi, approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 2,400 cfs and extended above by logarithmic plotting.

Remarks.--Only annual peaks are shown.

Peak stages and discharges of Willacoochee River near Ocilla, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1948	April 1948	a11.9	-	1956	Feb. 21, 1956	5.87	550
				1957	Apr. 12, 1957	5.78	485
1950	Mar. 15, 1950	5.46	295	1958	Apr. 10, 1958	6.20	760
				1959	Mar. 7, 1959	7.83	2,270
1951	March 1951	6.51	770	1960	Apr. 4, 1960	7.98	2,550
1952	Mar. 26, 1952	6.35	710				
1953	Sept.29, 1953	6.45	910	1961	Apr. 16, 1961	8.99	4,050
1954	Jan. 1, 1954	5.78	485				
1955	Apr. 19, 1955	5.83	485				

a From information furnished by local resident.

3175. Alapaha River at Statenville, Ga.

Location.--Lat 30°42', long 83°01', at downstream side of left bark pier of bridge on State Highway 94, a quarter of a mile west of Statenville, Echols County.

Drainage area.--1,400 sq mi, approximately.

Gage.--Nonrecording prior to Nov. 23, 1952; recording thereafter. Prior to Dec. 1, 1949, at site 200 ft upstream. Datum of gage is 76.77 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Georgia State Highway Department).

Stage-discharge relation.--Defined by current-meter measurements.

Banffull stage.--24 ft.

Historical data.--The flood of April 1948 was the highest since 1862, from information furnished in 1948 by a local resident. Local residents also stated, in 1946, that the flood of May 1928, was the highest since 1900.

Remarks.--Base for partial-duration series, 2,500 cfs. Only annual peaks are shown prior to 1948.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1928	May 1, 1928	a28.5	18,400	1948	Apr. 6, 1948	29.8	27,300
1929	Mar. 22, 1929	-	b14,200				
1930	Oct. 9, 1929	-	b5,630	1949	Dec. 10, 1948	19.5	4,980
					Dec. 21, 1948	18.1	4,490
1931	May 19, 1931	-	b3,370		Feb. 23, 1949	16.0	3,850
1932	Aug. 30, 1932	11.6	2,740		Apr.21,22,1949	13.7	3,160
1933	Feb. 22, 1933	21.8	6,140		Sept. 5, 1949	18.5	4,620
1934	June 4,5,7,1934	10.8	2,420				
1935	Sept. 6, 1935	14.6	3,440	1950	Apr. 5, 1950	8.7	1,740
1936	Feb. 19, 1936	18.5	4,900	1951	Apr. 5, 1951	14.9	3,480
1937	Apr. 14, 1937	22.8	6,560				
1938	Sept.30, 1938	6.4	1,130	1952	Dec. 30, 1951	-	c3,100
1939	Mar. 9, 1939	26.4	10,500		Mar. 13, 1952	14.5	3,360
1940	Feb.28,29,1940	11.7	2,630		Apr.3,4, 1952	13.4	3,020
1941	Mar.21,Apr.1, 1941	9.4	1,910	1953	Mar. 4, 1953	11.9	2,590
					Apr. 17, 1953	13.4	3,030
1942	Mar. 23, 1942	22.3	6,370		Sept.30, 1953	16.9	4,100
1943	Apr.3,4, 1943	12.2	2,700				
1944	Apr. 27, 1944	26.8	11,100	1954	Jan.9,10,1954	16.6	4,010
1945	Aug. 25, 1945	22.8	6,630				
				1955	Apr. 23, 1955	7.1	1,320
1946	Jan.30,31,1946	17.2	4,160				
1947	Apr. 28, 1947	22.4	5,990	1956	Feb. 28, 1956	11.9	2,550
					May 8, 1956	19.7	4,450
1948	Oct. 19, 1947	25.2	7,950				
	Nov.22,23,1947	25.1	7,800	1957	Apr. 20, 1957	11.6	2,520
	Dec. 19, 1947	27.5	13,800		June 14, 1957	13.1	2,940
	Jan. 31, 1948	13.8	3,190				
	Mar.16,17,1948	27.0	12,000	1958	Dec. 14, 1957	13.7	3,110

a From floodmarks.
b From records obtained at Mayday, Ga., 11 miles upstream where drainage area is 1,300 sq mi.
c Estimated.

Peak stages and discharges of Alapaha River at Statenville, Ga.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1958	Mar. 20, 1958	17.1	4,160	1960	Nov. 15, 1959	11.6	2,520
	Apr. 22, 1958	25.2	7,950		Feb. 28, 1960	23.6	6,440
	June 27, 1958	17.0	4,130		Apr.11,12,1960	27.8	15,000
1959	Feb. 21, 1959	19.0	4,800	1961	Apr. 24, 1961	27.0	12,000
	Mar.17-19, 1959	26.3	10,000				
	June 4, 1959	15.3	3,600				

3177. Withlacoochee River near Nashville, Ga.

Location.--Lat 31°12', long 83°16', at State Highway 76, 1½ miles southwest of Nashville, Berrien County.

Drainage area.--132 sq mi.

Gage.--Crest-stage gage. Datum of gage is 182.9 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 3,600 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1948	April 1948	a14.8	-	1956	May 8, 1956	9.55	1,900
				1957	June 11, 1957	8.37	830
1951	Apr. 1, 1951	9.03	1,260	1958	Mar. 14, 1958	9.53	1,780
1952	Feb. 18, 1952	7.87	580	1959	Mar. 8, 1959	11.51	5,600
1953	Sept.30, 1953	9.98	2,500	1960	Apr. 5, 1960	10.82	3,840
1954	Dec. 27, 1953	8.05	620				
1955	Apr. 15, 1955	7.33	365	1961	Apr. 16, 1961	11.10	4,560

a From Georgia State Highway Department.

3178. Little River near Tifton, Ga.

Location.--Lat 31°26', long 83°34', at U.S. Highway 82 and State Highway 50, 3 miles west of Tifton, Tift County.

Drainage area.--145 sq mi.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Mar. 30, 1951	7.43	950	1957	Apr. 9, 1957	7.32	870
1952	Feb. 28, 1952	7.05	640	1958	Apr. 11, 1958	8.07	1,670
1953	Sept.30, 1953	7.52	1,030	1959	Mar. 8, 1959	9.05	2,930
1954	Dec. 27, 1953	7.30	870	1960	Apr. 5, 1960	9.72	3,470
1955	Apr. 14, 1955	6.73	460				
				1961	Apr. 16, 1961	9.82	3,630
1956	Mar. 17, 1956	7.23	790				

3179. Ty Ty Creek at Ty Ty, Ga.

Location.--Lat 31°28', long 83°40', at U.S. Highway 82 and State Highway 50, 1 mile west of Ty Ty, Tift County.

Drainage area.--47 sq mi, approximately.

Gage.--Crest-stage gage. Datum of gage is 289.26 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges of Ty Ty Creek at Ty Ty, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1948	April 1948	a9.3	-	1956	Feb. 17, 1956	5.17	475
				1957	Apr. 9, 1957	5.84	740
1951	Mar. 30, 1951	5.05	405	1958	Apr. 11, 1958	6.13	930
1952	Dec. 22, 1951	5.68	690	1959	Mar. 8, 1959	6.62	1,330
1953	Sept.30, 1953	5.57	640	1960	Apr. 5, 1960	6.97	1,670
1954	Dec. 31, 1953	4.50	260				
1955	May 25, 1955	4.80	345	1961	Apr. 16, 1961	7.32	1,880

a From Georgia State Highway Department.

3180. Little River near Adel, Ga.

Location.--Lat 31°09', long 83°33', on right bank 500 ft downstream from bridge on State Highway 37, half a mile downstream from Georgia & Florida Railroad bridge, 5½ miles upstream from Bear Creek, 6 miles downstream from Warrior Creek, and 7 miles west of Adel, Cook County.

Drainage area.--547 sq mi.

Gage.--Recording. Datum of gage is 171.08 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 13,000 cfs and extended above on basis of slope-conveyance and contracted-opening studies at 39,000 cfs.

Bankfull stage.--16 ft.

Historical data.--The flood of August 1928 was, at that time, said to be the highest known to local residents.

Remarks.--Base for partial-duration series, 1,500 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1928	August 1928	a20.5	33,200	1948	Apr. 2, 1948	21.0	38,800
					Apr. 16, 1948	15.7	4,210
1941	Mar. 24, 1941	11.5	1,520				
				1949	Dec. 12, 1948	15.9	4,520
1942	Jan. 6, 1942	16.7	5,900		Dec. 24, 1948	14.3	2,670
	Feb. 22, 1942	14.5	2,830		Jan. 3, 1949	12.4	1,790
	Mar. 11, 1942	15.3	3,670		Feb. 10, 1949	14.6	2,920
	Mar. 19, 1942	14.8	3,110		Aug. 7, 1949	13.3	2,100
					Apr. 14, 1949	14.9	3,210
1943	Mar. 10, 1943	13.0	1,980		Sept. 4, 1949	14.6	2,920
	Mar. 26, 1943	13.7	2,290				
	May 26, 1943	15.6	3,950	1950	July 11, 1950	12.9	1,940
					July 15, 1950	14.4	2,750
1944	Jan. 19, 1944	11.6	1,550				
	Feb. 16, 1944	16.5	5,780	1951	Apr. 2, 1951	15.0	3,320
	Mar. 8, 1944	18.7	16,700				
	Mar. 25, 1944	17.5	9,150	1952	Dec. 25, 1951	15.8	4,360
	Apr. 1, 1944	16.2	5,070		Feb. 29, 1952	14.2	2,600
	Apr. 23, 1944	17.5	9,150		Mar. 27, 1952	14.7	3,010
1945	May 2, 1945	14.9	3,210	1953	Feb. 25, 1953	12.0	1,670
	July 13, 1945	15.1	3,430		Apr. 14, 1953	14.0	2,460
	July 22, 1945	15.3	3,670		Apr. 23, 1953	12.1	1,700
					Sept.30, 1953	14.9	3,210
1946	Jan. 1, 1946	14.4	2,750				
	Jan. 25, 1946	14.4	2,750	1954	Dec. 9, 1953	11.6	1,550
	Mar. 20, 1946	13.6	2,240		Dec. 17, 1953	12.8	1,910
	Apr. 1, 1946	12.4	1,790		Jan. 2, 1954	14.4	2,750
	May 1, 1946	11.8	1,610				
	May 24, 1946	14.6	2,920	1955	Apr. 18, 1955	11.6	1,550
1947	Mar. 10, 1947	17.1	7,580	1956	Feb. 12, 1956	12.2	1,730
	Apr. 19, 1947	16.7	6,320		Feb. 21, 1956	13.3	2,100
					May 8, 1956	15.8	4,360
1948	Nov. 4, 1947	13.7	2,290				
	Nov. 15, 1947	16.1	4,870	1957	Apr. 11, 1957	13.6	2,240
	Dec. 14, 1947	18.1	13,100		June 27, 1957	12.1	1,640
	Jan.26,27, 1948	12.3	1,760				
	Feb. 15, 1948	12.6	1,850	1958	Oct. 3, 1957	12.6	1,820
	Mar. 11, 1948	17.4	8,700		Dec. 4, 1957	-	b2,500

a From Georgia State Highway Department.
b Estimated.

Peak stages and discharges of Little River near Adel, Ga.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1958	Jan. 27, 1958	12.1	1,640	1959	Mar. 8, 1959	17.6	9,600
	Feb. 12, 1958	12.2	1,680		Mar. 18, 1959	16.2	4,700
	Mar. 5, 1958	13.1	2,020		Apr. 4, 1959	15.2	3,490
	Mar. 11-12, 1958	15.5	3,930		May 29, 1959	14.6	3,100
	Mar. 22, 1958	12.2	1,730				
	Apr. 13, 1958	16.5	5,070	1960	Dec. 21, 1959	13.8	2,280
	Apr. 28, 1958	11.6	1,550		Feb. 16, 1960	16.5	5,160
	May 25, 1958	12.3	1,760		Feb. 28, 1960	13.8	2,280
	June 27, 1958	15.5	3,930		Apr. 5, 1960	18.3	14,200
	July 9, 1958	12.3	1,760				
	July 19, 1958	13.2	2,060	1961	Apr. 7, 1961	12.2	1,620
					Apr. 17, 1961	19.0	13,500
1959	Feb. 10-11, 1959	17.2	7,600				

3185. Withlacoochee River near Quitman, Ga.
(Published as "at Blue Springs, Ga.," 1928-31)

Location.--Lat 30°47', long 83°27', at bridge on U.S. Highway 84, 500 ft upstream from Tiger Creek, 800 ft downstream from Atlantic Coast Line Railroad bridge, a quarter of a mile east of Blue Springs, 4 miles upstream from Piscola Creek, 6 miles east of Quitman, Brooks County, and 9 miles downstream from Little River.

Drainage area.--1,480 sq mi.

Gage.--Nonrecording. Prior to October 1932 at datum 5.0 ft lower. Datum of gage is 84.30 ft above mean sea level, datum of 1929, supplementary adjustment of 1936. All gage heights converted to present datum.

Stage-discharge relation.--Defined by current-meter measurements below 50,000 cfs.

Bankfull stage.--19 ft.

Historical data.--The August 1928 flood, was reported at that time to be the highest known to older residents of the area.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1928	Aug. 19, 1928	31.3	62,000	1943	Mar. 11, 1943	12.5	3,730
1929	Mar. 20, 1929	24.8	18,000	1944	Mar. 11, 1944	25.5	21,000
1930	Oct. 7, 1929	21.9	12,200	1945	July 27, 1945	21.4	10,600
1931	Aug. 21, 1931	9.6	2,760	1946	Mar. 21, 1946	18.2	6,860
				1947	Apr. 22, 1947	21.0	9,960
1938	Nov. 21, 1937	6.1	1,380	1948	Apr. 4, 1948	31.7	66,000
1939	Mar. 5, 1939	22.6	12,800	1949	Apr. 19, 1949	16.6	5,660
1940	Feb. 25, 1940	11.0	3,450				
				1953	May 20, 1953	17.1	6,010
1941	Mar. 29, 1941	8.3	2,320	1954	Oct. 1, 1953	18.0	6,700
1942	Jan. 9, 1942	22.0	11,600				

3190. Withlacoochee River near Pinetta, Fla.

Location.--Lat 30°35'43", long 83°15'35", in NW¼ sec.7, T.2 N., R.11 E., on right bank 30 ft downstream from highway bridge, 0.1 mile downstream from small tributary, 0.3 mile west of Bellville, and 5.6 miles east of Pinetta, Madison County.

Drainage area.--2,220 sq mi, approximately.

Gage.--Nonrecording prior to Dec. 3, 1941; recording thereafter. Datum of gage is 47.21 ft above mean sea level (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--Maximum stage known, that of Apr. 5, 1948. The flood of August 1928 was the highest known at that time.

Remarks.--Base for partial-duration series, 3,000 cfs. Only annual peaks are shown prior to 1948 and 1951-60.

Peak stages and discharges of Withlacoochee River near Pinetta, Fla.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1928	August 1928	36.75	53,600	1949	Oct. 5, 1948	11.80	3,030
					Dec. 10, 1948	17.10	6,340
1932	June 18, 1932	14.48	5,380		Dec. 19, 1948	15.50	5,340
1933	Feb. 24, 1933	22.79	9,820		Feb. 16, 1949	15.30	5,220
1934	June 12, 1934	11.92	3,270		Feb. 26, 1949	15.40	5,280
1935	Sept.15, 1935	22.66	9,770		Apr. 20, 1949	17.47	6,590
					July 10, 1949	12.80	3,650
1936	Feb. 15, 1936	19.72	8,240		Sept.10, 1949	13.70	4,220
1937	Apr. 14, 1937	28.32	14,900				
1938	Nov. 20, 1937	11.43	2,900	1950	Mar. 24, 1950	11.66	2,970
1939	Mar. 8, 1939	22.83	10,800				
1940	Feb. 20, 1940	12.92	4,000	1951	Apr. 7, 1951	15.40	5,280
				1952	Mar. 5, 1952	16.03	5,870
1941	Mar. 30, 1941	10.63	2,420	1953	Apr. 20, 1953	18.01	7,180
1942	Jan. 11, 1942	24.14	11,300	1954	Oct. 6, 1953	17.45	6,800
1943	Mar. 12, 1943	14.81	5,150	1955	Apr. 23, 1955	10.08	1,960
1944	Mar. 30, 1944	31.57	19,100				
1945	July 29, 1945	26.92	13,600	1956	May 15, 1956	20.07	8,530
				1957	June 15, 1957	16.75	6,340
1946	Mar. 22, 1946	23.55	11,000	1958	Apr. 20, 1958	30.05	17,200
1947	Apr. 24, 1947	22.82	10,300	1959	Mar. 12, 1959	33.01	21,600
				1960	Apr. 10, 1960	34.85	29,800
1948	Nov. 20, 1947	26.30	13,000				
	Dec. 21, 1947	32.70	20,900	1961	Feb. 28, 1961	13.04	3,900
	Feb. 1, 1948	14.40	4,650		Mar. 24, 1961	16.11	5,930
	Mar. 15, 1948	34.30	26,200		Apr. 1, 1961	11.89	3,140
	Apr. 5, 1948	38.64	79,400		Apr. 23, 1961	32.59	20,700

3195. Suwannee River at Ellaville, Fla.

Location.--Lat 30°23'04", long 83°10'19", in NE¼ sec.24, T.1 S., R.11 E., on left bank at Ellaville, Suwannee County, 100 ft upstream from Seaboard Air Line Railroad bridge, 200 ft downstream from Withlacoochee River, and 900 ft upstream from bridge on U.S. Highway 90.

Drainage area.--6,580 sq mi, approximately.

Gage.--Nonrecording prior to June 20, 1932; recording thereafter. Datum of gage is 27.22 ft above mean sea level, datum of 1929. Since Nov. 8, 1955, auxiliary nonrecording gage 1.1 miles downstream.

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--Flood of Apr. 7, 1948, is maximum known.

Remarks.--Records include flow of large spring on left bank about 200 ft downstream; spring flow may reverse during high stages. Base for partial-duration series, 7,000 cfs. Only annual peaks are shown prior to 1948 and 1951-60.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1927	Aug. 28, 1927	6.0	a5,900	1945	Aug. 28, 1945	24.26	26,200
1928	Aug. 20, 1928	37.1	73,000				
1929	Oct. 5, 1928	31.40	43,500	1946	Mar. 23, 1946	17.71	17,500
1930	Oct. 12, 1929	26.9	34,000	1947	Apr. 26, 1947	17.57	17,500
1931	Jan. 25, 1931	10.70	9,730	1948	Nov. 22, 1947	30.60	39,800
1932	Sept.27, 1932	15.67	15,500		Mar. 19, 1948	33.10	51,600
1933	Feb. 25, 1933	24.02	26,400		Apr. 7, 1948	40.88	95,300
1934	June 16, 1934	6.6	6,200		Aug. 25, 1948	9.30	8,000
1935	Sept.18, 1935	18.35	18,300				
				1949	Oct. 8, 1948	9.30	8,500
1936	Feb. 27, 1936	15.16	14,600		Dec. 31, 1948	15.70	15,300
1937	Apr. 17, 1937	23.66	25,200		Feb. 17, 1949	15.20	14,700
1938	Oct. 8, 1937	13.1	12,100		Apr. 22, 1949	13.70	12,900
1939	Mar. 12, 1939	15.10	14,500		July 11, 1949	8.70	7,980
1940	Feb. 27, 1940	10.59	9,670		Sept.11, 1949	16.10	15,700
1941	July 29, 1941	6.24	5,710	1950	Apr. 7, 1950	6.80	b6,480
1942	Mar. 26, 1942	24.90	27,200				
1943	Mar.13-16,1943	7.43	6,790	1951	Apr. 9, 1951	10.96	10,100
1944	Apr. 8, 1944	23.53	25,000	1952	Mar. 7, 1952	14.76	14,300

a Maximum for period Jan. 31 to Sept. 30, 1927.
b Maximum peak discharge; maximum discharge during the year, 8,500 cfs at 0001 hours Oct. 1, 1949, stage falling.

Peak stages and discharges of Suwannee River at Ellaville, Fla.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1953	Apr. 21, 1953	12.51	c12,500	1960	Apr. 15, 1960	27.60	31,700
1954	Oct. 9, 1953	18.80	19,200				
1955	Sept.21, 1955	4.55	4,220	1961	Oct. 12, 1960	9.67	8,900
					Mar. 2, 1961	9.63	9,430
1956	May 14, 1956	11.80	11,700		Mar. 25, 1961	9.50	9,290
1957	June 15, 1957	14.84	14,300		Apr. 27, 1961	23.62	25,100
1958	Apr. 24, 1958	25.29	27,700		Sept.11, 1961	8.23	7,990
1959	Mar. 25, 1959	31.85	45,400				

c Maximum peak discharge; maximum discharge during year, 14,600 cfs Sept. 30, 1953, stage rising.

3200. Suwannee River at Luraville, Fla.

Location.--Lat 30°06', long 83°10', in sec.30, T.4 S., R.12 E., at highway bridge 1 mile south of Luraville and 3 miles upstream from Grants Ferry Shoals.

Drainage area.--7,280 sq mi, approximately.

Gage.--Nonrecording. Datum of gage is 16.49 ft above mean sea level.

Stage-discharge relation.--Defined by current-meter measurements below 33,000 cfs.

Historical data.--Maximum stage known, that of April 1948.

Remarks.--A large spring discharges into river 500 ft upstream from gage. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1927	Aug. 29, 1927	5.8	a6,090	1934	June 17, 1934	6.67	6,560
1928	Aug. 24, 1928	33.7	66,000	1935	Sept.23, 1935	15.80	17,500
1929	Oct. 8, 1928	28.8	39,800				
1930	Oct. 15, 1929	22.50	27,200	1936	Mar. 1, 1936	13.10	13,900
				1937	Apr. 19, 1937	19.70	23,300
1931	Jan. 27, 1931	9.84	9,810				
1932	Sept.29, 1932	13.80	14,800	1948	April 1948	37.0	-
1933	Mar. 1, 1933	20.28	24,000				

a Maximum for period Feb. 1 to Sept. 30, 1927.

3205. Suwannee River at Branford, Fla.

Location.--Lat 29°57', long 82°56', in sec. 17 or 20, T.6 S., R.14 E., near left bank on upstream side of bridge on U.S. Highways 27 and 129 at Branford, Suwannee County, 10¾ miles upstream from Santa Fe River.

Drainage area.--7,720 sq mi, approximately.

Gage.--Nonrecording. Datum of gage is 4.81 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--Maximum stage known, that of Apr. 11, 1948.

Remarks.--Only annual peaks are shown.

Peak stages and discharges of Suwannee River at Branford, Fla.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1928	Aug. 26, 1928	32.0	61,100	1946	Aug. 13, 1946	17.77	14,700
				1947	Apr. 28, 1947	18.20	16,500
1931	Aug. 25, 1931	7.47	a4,520	1948	Apr. 11, 1948	34.07	83,900
1932	Sept.30, 1932	16.66	14,800	1949	Sept.12, 1949	18.11	15,600
1933	Mar. 1, 1933	21.96	24,100	1950	Apr. 8-12, 1950	9.41	d6,900
1934	June 20, 1934	12.76	8,350				
1935	Sept.23, 1935	19.08	16,200	1951	Apr. 11, 1951	12.19	9,480
				1952	Mar. 9, 16-19, 1952	16.40	13,700
1936	Feb. 29, 1936	b17.39	14,200	1953	Apr. 24, 1953	14.30	e11,600
1937	Apr. 20, 1937	21.65	22,700	1954	Oct. 11, 1953	18.96	16,700
1938	Oct. 10, 1937	15.01	12,100	1955	Sept.23, 1955	5.94	4,320
1939	Mar. 14, 1939	14.48	13,300				
1940	Feb. 29, 1940	12.08	8,900	1956	May 16, 1956	11.70	9,190
				1957	June 19, 1957	15.84	13,200
1941	Apr. 1, 1941	c8.86	5,790	1958	Apr. 27, 1958	23.10	23,400
1942	Mar. 28, 1942	23.70	24,900	1959	Mar. 29, 1959	27.49	34,100
1943	Mar. 17, 1943	9.20	6,730	1960	Apr. 19, 1960	24.45	25,400
1944	Apr. 10, 1944	21.42	21,700				
1945	Aug. 30, 1945	22.44	22,500	1961	Apr. 30, 1961	21.12	19,800

a Maximum for period July 1 to Sept. 30, 1931. b Occurred Oct. 1, 1935. c Occurred Aug. 1, 1941. d Maximum peak discharge; maximum discharge during the year, 10,800 cfs at 0001 hours Oct. 1, 1949, stage falling. e Maximum peak discharge; maximum discharge during the year, 12,000 cfs Sept. 30, stage rising.

3210. New River near Lake Butler, Fla.

Location.--Lat 30°00', long 82°17', in sec.2, T.6 S., R.20 E., near right bank on downstream side of bridge on State Highway 100, 4.4 miles southeast of village of Lake Butler, Union County.

Drainage area.--212 sq mi.

Gage.--Recording. Datum of gage is 83.8 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 2,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950	Sept. 8, 1950	12.02	a6,470	1957	Oct. 18, 1956	10.18	2,800
					June 9, 1957	10.75	3,440
1951	Oct. 21, 1950	11.82	5,770				
				1958	Mar. 3, 1958	8.56	1,350
1952	Feb. 20, 1952	7.84	794				
				1959	Mar. 18, 1959	10.88	4,140
1953	Aug. 28, 1953	9.77	2,550		Mar. 20, 1959	10.86	4,110
					May 23, 1959	11.44	4,900
1954	Dec. 26, 1953	9.87	2,640				
				1960	Mar. 19, 1960	11.08	4,390
1955	Feb. 9, 1955	6.84	378				
				1961	Aug. 20, 1961	9.53	2,470
1956	July 3, 1956	7.55	780		Aug. 27, 1961	9.31	2,200

a Maximum for period Jan. 1 to Sept. 30, 1950.

3215. Santa Fe River at Worthington, Fla.

Location.--Lat 29°55', long 82°26', on line between secs. 32 and 33, T.6 S., R.19 E., near center of span on downstream side of bridge on State Highway 23, half a mile south of Worthington, Union County, and three-quarters of a mile downstream from New River.

Drainage area.--630 sq mi, approximately.

Gage.--Nonrecording prior to July 24, 1953; recording thereafter. Prior to Jan. 16, 1939, at site a quarter of a mile downstream at same datum. Datum of gage is 42.74 ft above mean sea level (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Records do not include diversions, during periods of high stages, from Santa Fe Lake through Lochloosa Creek in St. Johns River basin. Most peaks are maximum observed. Base for partial-duration series, 2,000 cfs. Only annual peaks are shown prior to 1949 and 1951-60.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1932	Sept.17, 1932	16.46	a1,540	1949	Feb. 10, 1949	18.50	3,750
1933	Sept. 8, 1933	18.20	3,120		Sept. 3, 1949	21.25	7,570
1934	June 17, 1934	24.83	17,500				
1935	Sept. 8, 1935	22.37	11,200	1950	Sept. 8, 1950	24.03	12,400
1936	Apr. 5, 1936	16.90	1,780	1951	Oct. 22, 1950	21.92	8,760
1937	Sept. 1, 1937	21.36	8,780	1952	Feb. 20, 1952	15.90	1,450
1938	Oct. 4, 1937	20.65	7,100	1953	Aug. 29, 1953	20.44	6,120
1939	Oct. 26, 1938	21.07	8,120	1954	Dec. 27, 1953	20.08	5,530
1940	Feb. 22, 1940	16.62	1,950	1955	Feb. 11, 1955	14.65	918
1941	July 29, 1941	17.04	2,200	1956	July 5, 1956	12.86	555
1942	Oct. 22, 1941	24.61	14,900	1957	June 11, 1957	20.18	5,940
1943	Aug. 18, 1943	17.05	2,160	1958	Mar. 4, 1958	17.09	2,230
1944	Apr. 5, 1944	18.26	3,500	1959	Mar. 21, 1959	22.25	8,490
1945	Oct. 21, 1944	24.94	15,700	1960	Mar. 20, 1960	21.73	7,590
1946	Aug. 2, 1946	b19.1	b4,500	1961	Oct. 1, 1960	18.23	3,050
1947	Sept.26, 1947	24.58	14,900		Oct. 11, 1960	17.36	2,260
1948	Mar. 12, 1948	24.60	14,900		July 25, 1961	17.87	2,700
					Aug. 22, 1961	18.87	3,710
1949	Oct. 5, 1948	20.80	7,000		Sept. 1, 1961	19.36	4,250

a Maximum for period Nov. 1, 1931, to Sept. 30, 1932.
b About.

3220. Santa Fe River near High Springs, Fla.

Location.--Lat 29°51', long 82°38', in sec.29, T.7 S., R.17 E., Columbia County, near right bank at upstream side of bridge on U.S. Highway 27, 150 ft upstream from Atlantic Coast Line Railroad bridge and 2 miles northwest of High Springs, Alachua County.

Drainage area.--950 sq mi, approximately.

Gage.--Nonrecording prior to Jan. 9, 1933; recording thereafter. Datum of gage is 26.36 ft above mean sea level, datum of 1929 (levels by Florida State Road Department). Since Oct. 1, 1947, recording gage for station near Fort White used as an auxiliary gage for this station.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 1,500 cfs. Only annual peaks are shown prior to 1948 and 1951-60.

Peak stages and discharges of Santa Fe River near High Springs, Fla.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1931	Apr. 10, 1931	3.84	1,480	1948	Apr. 6, 1948	-	-
1932	Sept.19, 1932	3.44	1,230		Aug. 15, 1948	-	3,070
1933	Sept.11, 1933	6.10	2,760				
1934	June 18, 1934	14.90	11,800	1949	Oct. 7, 1948	9.18	4,990
1935	Sept.10, 1935	11.10	6,830		Feb. 13, 1949	6.64	3,130
					Sept. 5, 1949	9.34	5,080
1936	Feb. 13, 1936	4.00	a1,540				
1937	Sept. 4, 1937	7.00	3,330	1950	Nov. 21, 1949	4.36	1,560
1938	Oct. 6, 1937	8.85	4,610		Sept.11, 1950	11.64	7,600
1939	Oct. 29, 1938	8.41	4,280				
1940	Aug. 28, 1940	3.99	1,470	1951	Oct. 25, 1950	11.29	7,230
				1952	Mar. 1, 1952	3.77	1,220
1941	July 30, 1941	5.68	2,460	1953	Sept. 2, 1953	7.79	3,820
1942	Oct. 25, 1941	11.90	7,960	1954	Dec. 30, 1953	8.10	4,040
1943	Aug. 22, 1943	3.57	1,180	1955	Feb. 14, 1955	2.35	608
1944	Aug. 14, 1944	b6.34	2,880				
1945	Oct. 23, 1944	13.23	9,560	1956	July 11, 1956	1.46	299
				1957	June 14, 1957	7.25	3,520
1946	Aug. 4, 1946	6.73	3,140	1958	(c)	4.28	1,750
1947	Sept.28, 1947	12.62	8,800	1959	Mar. 23, 1959	11.96	d7,700
				1960	Mar. 22, 1960	10.03	5,790
1948	Oct. 21, 1947	8.50	4,360				
	Nov. 16, 1947	8.10	4,070	1961	Oct. 13, 1960	6.01	2,780
	Dec. 26, 1947	5.40	2,380		July 29, 1961	4.26	1,830
	Jan. 31, 1948	5.50	2,430		Sept. 4, 1961	6.63	3,150
	Mar. 14, 1948	15.71	12,700				

a Maximum peak discharge; maximum discharge during the year, 3,000 cfs at 0001 hours Oct. 1, 1935, stage falling. b Occurred Aug. 13, 1944. c Mar. 12, 13, Apr. 15, 1958. d Maximum daily.

3225. Santa Fe River near Fort White, Fla.

Location.--Lat 29°51', long 82°43', in sec.28, T.7 S., R.16 E., Gilchrist County, on left bank 2 miles upstream from bridge on State Highway 47, 5 miles south of Fort White, Columbia County, and 15 miles upstream from mouth.

Drainage area.--1,080 sq mi, approximately.

Gage.--Nonrecording at several sites within 200 ft of present site at various datums prior to June 3, 1932; recording thereafter. Datum of gage is 20.86 ft above mean sea level (levels by Corps of Engineers). Oct. 1, 1947, to Feb. 10, 1949, auxiliary nonrecording gage and since Feb. 11, 1949, auxiliary recording gage, at bridge on State Highway 49, 13.1 miles downstream.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1928	Aug. 27, 1928	9.5	4,750	1946	Aug. 6, 1946	4.79	3,820
1929	Oct. 9, 1928	8.4	4,530	1947	Sept.29, 1947	8.73	8,110
1930	Oct.3-6, 1929	6.90	a4,180	1948	Mar. 14, 1948	e13.70	12,300
				1949	Sept. 6, 1949	6.76	5,510
1932	Sept.20, 1932	b1.96	c1,740	1950	Sept.11, 1950	8.00	7,350
1933	Apr. 20, 1933	4.19	2,810				
1934	June 20, 1934	11.04	11,400	1951	Oct. 26, 1950	8.16	7,520
1935	Sept.10, 1935	8.26	6,680	1952	Mar. 4, 1952	2.29	2,020
				1953	Sept. 4, 1953	-	f4,400
1936	Feb. 14, 1936	2.50	d2,140	1954	Dec. 31, 1953	5.85	5,080
1937	Sept. 5, 1937	4.43	3,620	1955	Feb. 15, 1955	1.28	1,300
1938	Oct. 7, 1937	6.00	4,730				
1939	Oct. 29, 1938	5.51	4,250	1956	July 18, 1956	1.17	1,050
1940	Aug. 28, 1940	2.16	2,000	1957	June 15, 1957	5.12	4,140
				1958	Apr.15,21, 1958	g3.80	f2,450
1941	July 31, 1941	3.56	2,940	1959	Mar. 24, 1959	10.35	f7,970
1942	Oct. 26, 1941	8.14	7,410	1960	Mar. 23, 1960	7.52	f6,290
1943	Aug. 23, 1943	1.95	1,760				
1944	Aug. 13, 1944	4.17	3,330	1961	Sept. 5, 1961	4.50	3,760
1945	Oct. 24, 1944	9.48	9,300				

a Maximum for period Oct. 1, 1929, to Jan. 31, 1930. b Estimated. c Maximum for period June 1 to Sept. 30, 1932. d Maximum peak discharge; maximum discharge during year, 4,140 cfs at 0001 hours Oct. 1, 1935, stage falling. e Occurred on Apr. 12, 1948. f Maximum daily. g Occurred Apr. 27, 1958.

3230. Suwannee River near Bell, Fla.

Location.--Lat 29°48', long 82°55', in secs. 16 or 17, T.8 S., R.14 E., on left bank at Rock Bluff Ferry, 4½ miles northwest of Bell, Gilchrist County, and 10 miles downstream from Santa Fe River.

Drainage area.--9,380 sq mi, approximately (includes part of watershed in Okefenokee Swamp which is indeterminate).

Gage.--Recording. Datum of gage is 3.60 ft above mean sea level (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--Maximum stage known prior to 1932, that of Aug. 28, 1928.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1928	Aug. 28, 1928	25.9	74,000	1945	Aug. 30, 1945	a15.98	25,300
1932	Sept. 1,2, 1932	9.80	12,600	1946	Aug. 18, 1946	13.59	18,800
1933	Mar. 2, 1933	15.36	24,500	1947	(b)	13.33	18,100
1934	June 21, 1934	11.30	14,800	1948	Apr. 13, 1948	27.43	82,300
1935	Sept.23-26,1935	14.63	22,100	1949	Sept.12, 1949	14.00	18,800
				1950	Sept.13, 1950	9.00	10,900
1936	Mar. 2, 1936	12.10	16,200				
1937	Apr. 22, 1937	15.53	24,800	1951	Oct. 28, 1950	9.56	11,700
1938	Oct. 10, 1937	11.98	16,000	1952	Mar. 11, 1952	12.25	15,900
1939	Mar. 15, 1939	10.28	13,600	1953	Apr. 25, 1953	10.75	14,100
1940	Feb. 29, 1940	8.88	11,700	1954	Oct. 12, 1953	14.34	20,700
				1955	Sept.22, 1955	3.82	5,250
1941	Aug. 1, 1941	7.14	9,110				
1942	Mar. 28, 1942	17.28	30,000	1956	May 17, 1956	7.90	9,580
1943	Mar. 18, 1943	6.37	8,270	1957	Nov. 1, 1956	3.58	c5,000
1944	Apr. 12, 1944	15.26	24,000				

a Occurred on Sept. 3, 1945.
b Apr. 28 to May 1, 1947.
c Maximum for period Oct. 1 to Dec. 31, 1956.

3235. Suwannee River near Wilcox, Fla.

Location.--Lat 29°36', long 82°56', in sec.29, T.10 S., R.14 E., Levy County, on left bank about 400 ft downstream from Fort Fannin Bridge on U.S. Highway 19 and 2 miles southwest of Wilcox, Gilchrist County.

Drainage area.--9,610 sq mi, approximately (includes part of watershed in Okefenokee Swamp which is indeterminate).

Gage.--Nonrecording prior to July 4, 1931, and May 15, 1942, to Jan. 24, 1951. Recording during remainder of period. Prior to July 4, 1931, at site 400 ft upstream at same datum. Datum of gage is at mean sea level, datum of 1929. Since Feb. 1, 1951, auxiliary recording gage at site about 9 miles downstream.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Flow generally affected by tide when discharge is less than 14,000 cfs. Only annual peaks are shown.

Peak stages and discharges of Suwannee River near Wilcox, Fla.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1928	August 1928	20.0	-	1951	Oct. 29, 1950	6.40	12,400
				1952	Mar. 11, 1952	8.43	16,700
1931	(a)	b6.60	14,500	1953	Apr. 26, 1953	7.14	13,900
				1954	Oct.15-16, 1953	9.87	20,000
1942	Mar.28-31, 1942	12.96	29,200	1955	Apr. 26, 1955	d4.19	e5,890
1944	Apr. 13, 1944	10.68	22,300	1956	May 17, 1956	f5.09	e10,300
1945	Sept.2-6, 1945	11.40	24,300	1957	June 20, 1957	7.62	e15,100
				1958	May 1, 1958	11.90	25,800
1946	Aug. 19, 1946	9.27	18,600	1959	Apr. 2, 1959	15.88	40,700
1947	May 1, 1947	8.96	17,900	1960	Apr. 21, 1960	12.80	28,600
1948	Apr. 14, 1948	22.32	84,700				
1949	Sept.14, 1949	9.90	20,100	1961	May 3, 1961	10.35	21,300
1950	Sept.15, 1950	-	c12,000				

a Jan. 29 to Feb. 1931. b Daily mean. c Maximum peak discharge; maximum discharge during year, 15,700 cfs Oct. 1, 1949, stage falling. d Occurred on Apr. 24, 1955. e Maximum daily. f Occurred on May 16, 1956.

STEINHATCHEE RIVER BASIN

3240. Steinhatchee River near Cross City, Fla.

Location.--Lat 29°47'11", long 83°19'18", in NE¼ sec.16, T.8 S., R.10 E., Taylor County, on right bank 0.7 mile downstream from Atlantic Coast Line Railroad bridge, 0.7 mile south of Clara, and 16 miles northwest of Cross City, Dixie County.

Drainage area.--350 sq mi, approximately.

Gage.--Recording. Datum of gage is 7.84 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950	July 11, 1950	14.36	a2,540	1956	May 8, 1956	5.08	348
				1957	June 12, 1957	14.64	2,800
1951	Aug. 23, 1951	8.91	948	1958	Oct. 4, 1957	15.84	4,320
1952	Nov. 19, 1951	15.30	3,610	1959	Mar. 19, 1959	15.77	4,220
1953	Sept.30, 1953	15.39	3,740	1960	Mar. 20, 1960	14.53	2,700
1954	July 12, 1954	14.43	b2,610				
1955	Feb. 13, 1955	7.30	687	1961	Oct. 11, 1960	14.77	2,940

a Maximum for period Feb. 15 to Sept. 30, 1950.
b Maximum peak discharge; maximum discharge during year, 3,740 cfs Oct. 1, 1953, stage falling.

COASTAL BASINS BETWEEN STEINHATCHEE RIVER AND AUCILLA RIVER

3244. Fenholloway River near Foley, Fla.

Location.--Lat 30°05'53", long 83°28'19", in NE¼ sec.36, T.4 S., R.8 E., near left bank at downstream side of bridge on U.S. Highway 27, 1.8 miles upstream from small tributary and 4 miles northeast of Foley, Taylor County.

Drainage area.--About 70 sq mi.

Gage.--Recording. Datum of gage is 53.59 ft above mean sea level, datum of 1929 (Florida State Road Department bench mark).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 300 cfs.

Peak stages and discharges of Fenholloway River near Foley, Fla.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1956	May 8, 1956	7.94	236	1959	July 22, 1959	10.50	440
					July 25, 1959	8.97	316
1957	June 9, 1957	14.08	1,620		Sept.16, 1959	8.78	303
	Sept.10, 1957	10.34	394				
	Sept.17, 1957	12.25	730	1960	Feb. 25, 1960	11.02	492
					Mar. 18, 1960	10.36	427
1958	Oct. 2, 1957	13.42	1,290		Apr. 4, 1960	8.74	300
	Apr. 10, 1958	13.38	1,270		Aug. 2, 1960	11.31	530
					Aug. 8, 1960	10.19	412
1959	Mar. 6, 1959	10.72	462		Sept.28, 1960	11.75	601
	Mar. 17, 1959	12.15	695				
	Apr. 22, 1959	9.50	355	1961	Oct. 8, 1960	11.67	587
	May 26, 1959	9.98	393				

3245. Fenholloway River at Foley, Fla.

Location.--Lat 30°03'53", long 83°32'01", in NW¼ sec.9, T.5 S., R.8 E., near center of span on downstream side of bridge on State Highway S 356 in Foley, Taylor County, 0.4 mile south of Foley School, 0.8 mile downstream from clarifier flume of the Buckeye Cellulose Corp. plant, and 13 miles upstream from Spring Creek.

Drainage area.--About 80 sq mi.

Gage.--Nonrecording prior to June 24, 1947; recording thereafter. Jan. 20, 1954, to May 5, 1959, at site 900 ft upstream at same datum. Datum of gage is 29.36 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Since Feb. 1, 1954, natural flow of stream affected by large groundwater withdrawals by cellulose plant upstream. Records include return flow from plant. Base for partial-duration series, 400 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1947	Sept.25, 1947	11.84	282	1953	Sept.28, 1953	15.32	1,860
1948	Nov. 12, 1947	14.45	1,140	1954	Dec. 27, 1953	12.87	a450
	Dec. 17, 1947	13.05	624				
	Jan. 31, 1948	13.50	725	1955	Sept. 6, 1955	11.86	258
	Mar. 10, 1948	16.03	2,640				
	Apr. 2, 1948	15.65	2,200	1956	May 10, 1956	12.00	305
	July 14, 1948	12.60	470				
	Aug. 6, 1948	13.95	881	1957	June 9, 1957	16.57	2,070
	Aug. 12, 1948	13.40	695		Sept.18, 1957	14.83	941
	Aug. 18, 1948	12.40	414				
				1958	Oct. 2, 1957	15.94	1,660
1949	Oct. 5, 1948	15.10	1,640		Apr. 11, 1958	15.81	1,580
	Feb. 8, 1949	13.80	826		July 18, 1958	13.31	405
	Apr. 7, 1949	12.50	442				
	Aug. 4, 1949	12.45	428	1959	March 1959	14.5	750
					Apr. 23, 1959	13.63	458
1950	July 10, 1950	11.37	216		May 26, 1959	13.05	433
					July 23, 1959	12.95	411
1951	Mar. 31, 1951	11.51	216		Sept.17, 1959	13.05	433
1952	Nov. 18, 1951	13.92	842	1960	Feb. 26, 1960	13.73	676
	Feb. 18, 1952	13.66	725		Mar. 19, 1960	13.46	549
					Apr. 5, 1960	13.17	438
1953	Apr. 8, 1953	13.41	629		Aug. 3, 1960	14.06	776
	Apr. 14, 1953	14.04	900		Sept.29, 1960	14.29	914
	June 11, 1953	13.04	524				
	Aug. 23, 1953	14.19	984	1961	Oct. 9, 1960	14.47	1,020
	Aug. 30, 1953	13.68	733				

a Maximum peak discharge; maximum discharge during year, 960 cfs Oct. 1, 1953, stage falling.

3260. Econfina River near Perry, Fla.

Location.--Lat 30°10'14", long 83°49'26", in NE¼ sec.4, T.4 S., R.5 E., on right bank 10 ft downstream from highway bridge, 3.0 miles downstream from Natural Well Branch, 3.9 miles upstream from bridge on U.S. Highway 98, and 14.7 miles northwest of Perry, Taylor County.

Drainage area.--192 sq mi.

Gage.--Recording. Datum of gage is 14.35 ft above mean sea level, unadjusted.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950	Mar.19,20,22-25, 1950	4.32	a92	1956	May 15, 1956	4.83	120
				1957	Sept.17, 1957	12.78	2,540
				1958	Oct. 3, 1957	11.96	1,630
1951	Aug. 10, 1951	5.33	150	1959	Mar. 22, 1959	11.54	1,210
1952	Nov. 21, 1951	9.90	557	1960	Apr. 6, 1960	10.76	788
1953	Apr. 17, 1953	10.75	758				
1954	Oct. 2, 1953	10.29	636	1961	Oct. 11, 1960	10.60	740
1955	Sept.21, 1955	5.56	164				

a Maximum for period Feb. 1 to Sept. 30, 1950.

AUCILLA RIVER BASIN

3265. Aucilla River at Lamont, Fla.

Location.--Lat 30°22'11", long 83°48'25", in NE¼ sec.27, T.1 S., R.5 E., Madison County, near left bank on downstream side of bridge on U.S. Highway 19, 0.6 mile southeast of Lamont, Jefferson County.

Drainage area.--680 sq mi, approximately.

Gage.--Recording. Datum of gage is 42.90 ft above mean sea level, unadjusted.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950	Apr. 9, 1950	6.58	a364	1956	July 10, 1956	3.38	70
				1957	Sept.18, 1957	14.93	6,580
1951	Mar. 23, 1951	5.18	218	1958	Oct. 2, 1957	13.78	5,370
1952	Feb. 29, 1952	9.71	1,040	1959	Mar. 18, 1959	12.96	4,510
1953	Apr. 16, 1953	10.64	2,070	1960	Apr. 10, 1960	12.07	3,570
1954	Oct. 1, 1953	9.55	972				
1955	Jan. 25, 1955	1.89	13	1961	Feb. 28, 1961	9.03	960

a Maximum for period Feb. 9 to Sept. 30, 1950.

3269. St. Marks River near Newport, Fla.

Location.--Lat 30°16'00", long 84°09'00", near center of sec.32, T.2 S., R.2 E., on left bank 0.9 mile downstream from Rhodes Springs, 6 miles north of Newport, Wakulla County, and 11 miles upstream from Wakulla River.

Drainage area.--540 sq mi, approximately. Includes drainage area of Lake Miccosukee (290 sq mi), which contributes to St. Marks River at high stages.

Gage.--Recording. Datum of gage is 3.53 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1957	Sept.18, 1957	10.01	4,010	1960	Oct. 11, 1959	7.6[illegible]	2,230
1958	Oct. 1, 1957	9.34	3,350				
1959	Mar. 18, 1959	7.48	2,060	1961	Sept. 1, 1961	8.5[illegible]	2,580

OCHLOCKONEE RIVER BASIN

3272. Ochlockonee River at Moultrie, Ga.

Location.--Lat 31°11', long 83°48', at State Highway 37, at Moultrie, Colquitt County.

Drainage area.--96 sq mi, approximately.

Gage.--Crest-stage gage. Datum of gage is 246.0 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Georgia State Highway Department).

Stage-discharge relation.--Defined by current-meter measurements below 2,300 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1948	April 1948	a15.5	-	1956	May 6, 1956	7.23	900
				1957	Sept.30, 1957	7.12	850
1951	Mar. 30, 1951	6.92	760	1958	Apr. 10, 1958	7.33	950
1952	Dec. 29, 1951	7.71	1,190	1959	Mar. 7, 1959	9.19	2,800
1953	Apr. 13, 1953	6.94	760	1960	Apr. 5, 1960	8.17	1,550
1954	December 1953	6.27	520				
1955	Apr. 15, 1955	6.72	680	1961	Apr. 16, 1961	9.50	3,250

a From floodmarks.

3275. Ochlockonee River near Thomasville, Ga.

Location.--Lat 30°52', long 84°03', on downstream side of left bank pier of bridge on U.S. Highway 84, 2 miles upstream from Atlantic Coast Line Railroad bridge, 4 miles upstream from Barnetts Creek, 5 miles northwest of Thomasville, Thomas County, and 6 miles downstream from Little Ochlockonee River.

Drainage area.--550 sq mi, approximately.

Gage.--Nonrecording prior to Jan. 7, 1947; recording thereafter. Datum of gage is 133.6 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 25,000 cfs and extended above on basis of slope-area measurement at 72,000 cfs.

Bankfull stage.--9 ft.

Historical data.--Flood of April 1948 was reported to be the highest in the memory of residents of the area.

Remarks.--Base for partial-duration series, 1,800 cfs. Only annual peaks are shown prior to 1947.

Peak stages and discharges of Ochlockonee River near Thomasville, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1937	Sept.21, 1937	17.6	9,090	1952	Feb. 19, 1952	13.7	3,000
1938	Nov. 15, 1937	9.3	1,430		Mar. 27, 1952	13.8	3,080
1939	Mar. 3, 1939	14.0	3,240		June 1, 1952	11.5	1,900
1940	Feb. 21, 1940	10.7	1,820	1953	Apr. 14, 1953	15.6	5,140
1941	Mar. 10, 1941	10.4	1,730		Sept.29, 1953	14.1	3,320
1942	Jan. 5, 1942	17.8	9,900	1954	Dec. 9, 1953	14.3	3,520
1943	Mar. 9, 1943	14.8	4,040		Dec. 15, 1953	13.2	2,660
1944	Mar. 8, 1944	17.8	9,900		Dec. 27, 1953	13.9	3,160
1945	July 12, 1945	15.3	4,680	1955	Apr. 18, 1955	11.2	1,810
1946	May 22, 1946	15.8	5,480	1956	May 9, 1956	15.0	4,280
1947	Mar. 11, 1947	15.8	5,480	1957	May 17, 1957	11.7	1,980
	Mar. 17, 1947	12.8	2,440		June 11, 1957	14.6	3,820
	Apr. 17, 1947	17.0	7,920		June 27, 1957	12.7	2,390
1948	Nov. 13, 1947	16.2	6,220	1958	Oct. 3, 1957	14.5	3,720
	Dec. 15, 1947	-	a6,600		Mar. 11, 1958	14.2	3,420
	Mar. 9, 1948	-	a10,300		Apr. 11, 1958	17.4	8,650
	Mar. 19, 1948	14.6	3,920		June 26, 1958	14.6	3,820
	Apr. 2, 1948	29.1	72,000	1959	Feb. 11, 1959	15.7	5,300
	Apr. 17, 1948	12.7	2,440		Mar. 7, 1959	19.3	13,900
	Aug. 7, 1948	-	a3,000		Mar. 19, 1959	15.1	4,280
1949	Dec. 13, 1948	13.3	2,720		Apr. 4, 1959	14.4	3,420
	Feb. 10, 1949	13.4	2,790		June 5, 1959	13.6	2,930
	Feb. 21, 1949	11.3	1,910		Aug. 5, 1959	12.3	2,210
	Apr. 7, 1949	12.5	2,300	1960	Feb. 16, 1960	15.9	5,660
	Apr.14 or 15, 1949	-	a3,700		Feb. 27, 1960	11.9	2,050
1950	Mar. 17, 1950	11.9	2,090		Apr. 4, 1960	18.0	10,000
1951	Apr. 2, 1951	13.2	2,660	1961	Mar. 21, 1961	12.9	2,490
1952	Dec. 26, 1951	11.5	1,900		Apr. 17, 1961	20.8	19,200

a Estimated.

3277. Barnetts Creek near Thomasville, Ga.

Location.--Lat 30°54', long 84°05', at county road, 7½ miles northwest of Thomasville, Grady County.

Drainage area.--104 sq mi.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 7,000 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Mar. 30, 1951	11.3	1,150	1957	June 27, 1957	13.0	2,200
1952	Sept.22, 1952	11.1	1,050	1958	Apr. 10, 1958	14.4	3,800
1953	Apr. 7, 1953	12.7	1,940	1959	Mar. 6, 1959	16.8	10,400
1954	Dec. 27, 1953	12.7	1,940	1960	Apr. 4, 1960	15.0	5,000
1955	April 1955	10.5	850	1961	Apr. 16, 1961	16.6	9,400
1956	May 9, 1956	11.2	1,100				

3279. Wolf Creek near Whigham, Ga.

Location.--Lat 33°54', long 84°17', at U.S. Highway 84 and State Highway 38, 2¼ miles northeast of Whigham, Grady County.

Drainage area.--19 sq mi, approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges of Wolf Creek near Whigham, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1948	April 1948	15.0	-	1956	May 7, 1956	7.29	1,080
				1957	Sept.29, 1957	5.85	240
1951	Mar. 19, 1951	7.21	1,000	1958	Apr. 15, 1958	7.90	1,650
1952	Nov. 15, 1951	6.72	640	1959	Mar. 6, 1959	8.23	2,000
1953	Apr. 6, 1953	7.11	920	1960	Sept.26, 1960	7.47	1,200
1954	Dec. 6, 1953	7.04	840				
1955	Sept. 9, 1955	7.07	920	1961	Apr. 16, 1961	6.79	700

3280. Tired Creek near Cairo, Ga.

Location.--Lat 30°54', long 84°16', on left bank 140 ft upstream from highway bridge, a quarter of a mile downstream from Wolf Creek, 1 mile downstream from Atlantic Coast Line Railroad bridge, and 3 miles west of Cairo, Grady County.

Drainage area.--60 sq mi, approximately.

Gage.--Recording. Datum of gage is 159.0 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 4,000 cfs and extended above on basis of slope-area measurement at 28,100 cfs.

Bankfull stage.--5 ft.

Historical data.--Flood of April 1948 was reported to be the highest in memory of residents of that area.

Remarks.--Base for partial-duration series, 1,800 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1944	Feb. 15, 1944	7.5	2,180	1954	Dec. 7, 1953	7.08	1,370
	Mar. 7, 1944	9.2	4,640				
				1955	Sept. 2, 1955	6.47	836
1945	Apr. 23, 1945	8.3	3,100				
				1956	July 16, 1956	6.30	630
1946	Mar. 17, 1946	10.5	7,310				
				1957	Sept.30, 1957	6.23	662
1947	Apr. 16, 1947	8.2	2,940				
				1958	Apr. 10, 1958	7.87	2,360
1948	Nov. 12, 1947	7.6	2,110		Apr. 15, 1958	8.05	2,820
	Apr. 1, 1948	16.3	28,100				
	Aug. 5, 1948	7.7	2,640	1959	Mar. 6, 1959	9.4	5,010
1949	Apr. 12, 1949	7.38	1,850	1960	Feb. 13, 1960	7.99	2,580
					Apr. 2, 1960	8.83	4,010
1950	July 7, 1950	7.30	1,730		Apr. 5, 1960	7.53	1,940
					Sept.26, 1960	7.87	2,360
1951	Mar. 19, 1951	7.27	1,670				
				1961	Apr. 13, 1961	7.28	1,620
1952	Nov. 16, 1951	6.57	928				
1953	Apr. 7, 1953	7.53	1,940				

3290. Ochlockonee River near Havana, Fla.
(Published as "at Ochlockonee" June 1926 to December 1929)

Location.--Lat 30°33', long 84°23', in sec.24, T.2 N., R.2 W., near center of span on upstream side of bridge on U.S. Highway 27, three-quarters of a mile upstream from Seaboard Air Line Railroad bridge, 4 miles downstream from Mill Creek, and 5 miles southeast of Havana, Gadsden County.

Drainage area.--1,020 sq mi, approximately. At site used prior to January 1929, 1,050 sq mi, approximately.

Gage.--Nonrecording. At site about 10 miles downstream at datum 9.36 ft lower prior to Jan. 1, 1930. Datum of gage is 59.36 ft above mean sea level, unadjusted.

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--Maximum stage known, that of Apr. 4, 1948.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1926	Sept.26, 1926	23.8	6,850	1945	May 1, 1945	26.74	6,460
1927	Feb. 26, 1927	16.8	a1,630				
1928	Aug. 19, 1928	29.0	21,300	1946	Mar. 21, 1946	27.05	6,990
1929	Mar. 19, 1929	30.3	15,300	1947	Apr. 20, 1947	27.83	8,680
1930	Apr. 10, 1930	27.07	7,160	1948	Apr. 4, 1948	35.08	55,900
				1949	Apr. 17, 1949	26.07	5,130
1931	May 9, 1931	23.10	3,190	1950	Sept. 1, 1950	22.64	2,560
1932	Sept.21, 1932	26.20	5,680				
1933	Apr. 17, 1933	27.83	8,670	1951	Apr. 5, 1951	23.64	3,040
1934	June 10, 1934	17.44	1,230	1952	Feb. 27, 1952	25.36	4,620
1935	Sept.10, 1935	27.96	9,150	1953	Apr. 18, 1953	26.35	5,920
				1954	Dec. 31, 1953	25.22	4,450
1936	Apr. 16, 1936	26.20	6,280	1955	Apr. 20, 1955	20.80	2,010
1937	Sept.24, 1937	28.42	10,100				
1938	Nov. 17, 1937	21.63	2,440	1956	May 14, 1956	24.23	3,500
1939	Mar. 8, 1939	22.76	3,150	1957	June 16, 1957	24.14	3,430
1940	Feb. 23, 1940	22.35	2,950	1958	Apr. 14, 1958	28.65	10,600
				1959	Mar. 9, 1959	29.91	14,200
1941	Mar. 13, 1941	21.59	2,610	1960	Apr. 7, 1960	29.51	12,900
1942	Jan. 7, 1942	29.58	14,100				
1943	Mar. 9, 1943	27.28	7,570	1961	Apr. 19, 1961	30.20	16,000
1944	Mar. 12, 1944	28.38	10,300				

a Maximum peak discharge; maximum discharge during year, 2,770 cfs Oct. 1, 1926, stage falling.

3295. Little River near Quincy, Fla.

Location.--Lat 30°35', long 84°30', in sec.12, T.2 N., R.3 W., near right bank at downstream side of bridge on State Highway 12, 0.5 mile southwest of Shady Rest, 1.1 miles downstream from confluence of Willocoochee and Attapulgus Creeks, and 4½ miles east of Quincy, Gadsden County.

Drainage area.--250 sq mi, approximately.

Gage.--Recording. Datum of gage is 83.19 ft above mean sea level, unadjusted.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 1,500 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950 a/	Apr. 30, 1950	11.34	1,860	1953	Apr. 9, 1953	10.96	1,640
	Sept. 1, 1950	13.69	3,480		Apr. 14, 1953	12.07	2,340
					Sept.28, 1953	11.56	2,000
1951	Mar. 20, 1951	12.43	2,580				
	Mar. 31, 1951	11.14	1,740	1954	Dec. 8, 1953	11.90	2,220
					Dec. 15, 1953	11.07	1,700
1952	Nov. 17, 1951	11.54	1,980		Dec. 25, 1953	10.83	1,560
	Dec. 6, 1951	11.19	1,770				
	Mar. 26, 1952	10.77	1,540	1955	Apr. 15, 1955	10.48	1,390

a Period Apr. 1 to Sept. 30, 1950.

Peak stages and discharges of Little River near Quincy, Fla.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1956	Jan. 24, 1956	9.36	958	1959	Apr. 3, 1959	11.90	1,750
					June 16, 1959	11.98	1,810
1957	June 10, 1957	11.05	b1,690				
				1960	Oct. 22, 1959	11.98	1,770
1958	Oct. 1, 1957	13.65	3,980		Feb. 14, 1960	14.66	5,720
	Mar. 10, 1958	11.18	1,770		Apr. 3, 1960	15.09	6,580
	Apr. 11, 1958	14.69	5,780		Sept.27, 1960	20.45	23,200
	Apr. 16, 1958	15.75	8,050				
				1961	Mar. 19, 1961	12.75	2,620
1959	Feb. 5, 1959	13.23	3,340		Apr. 13, 1961	14.96	6,320
	Mar. 6, 1959	16.18	9,240		Apr. 17, 1961	12.72	2,580
	Mar. 17, 1959	12.72	2,420		Aug. 31, 1961	11.60	1,560

b Maximum peak discharge; maximum discharge, 2,690 cfs Sept. 30, 1957, stage rising.

3300. Ochlockonee River near Bloxham, Fla.

Location.--Lat 30°23'00", long 84°39'15", in NE¼ sec.20, T.1 S., R.4 W., Liberty County, on downstream side of right pier of bridge on State Highway 20, 3,000 ft downstream from powerplant and dam and 1½ miles southwest of Bloxham, Leon County.

Drainage area.--1,660 sq mi, approximately.

Gage.--Nonrecording at site 2,700 ft upstream at datum 5.00 ft higher prior to Apr. 9, 1930; recording thereafter. At site 2,000 ft upstream Apr. 9, 1930, to Jan. 19, 1939. At present site at datum 5.00 ft higher Jan. 20, 1939, to Sept. 30, 1954. Datum of gage is 24.69 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 38,800 cfs.

Remarks.--Flow regulated since June 1929 by powerplant above station and storage in Lake Talquin. Discharge figures shown are peaks; a greater discharge occurred during some years because of a greater peak near the end of the preceding water year or the beginning of the succeeding water year. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1926	Sept.27, 1926	15.5	a8,050	1945	May 4, 1945	13.30	b6,600
1927	Feb. 27, 1927	7.15	2,380				
1928	Aug. 19, 1928	21.4	19,900	1946	Mar. 18, 1946	d17.47	b12,500
1929	Mar. 22, 1929	17.61	10,400	1947	Apr. 17, 1947	17.60	b12,500
1930	Apr. 12, 1930	15.00	7,940	1948	Apr. 5, 1948	23.50	50,200
				1949	Apr. 13, 1949	16.38	11,100
1931	Nov. 18, 1930	10.60	4,200	1950	Sept. 7, 1950	11.35	5,050
1932	Sept.23, 1932	13.00	6,070				
1933	Apr. 18, 1933	18.04	11,200	1951	Apr. 2, 1951	9.60	4,030
1934	Mar. 10, 1934	7.38	2,810	1952	Feb. 28, 1952	13.75	7,580
1935	Sept.13, 1935	16.00	9,020	1953	Apr. 19, 1953	13.71	7,530
				1954	Dec. 23, 1953	13.65	7,510
1936	Feb. 15, 1936	14.35	7,370	1955	Apr. 18, 1955	12.00	2,670
1937	Sept. 2, 1937	19.92	16,700				
1938	Nov. 21, 1937	8.29	3,280	1956	May 7, 1956	15.21	4,420
1939	June 15, 1939	15.04	8,850	1957	Sept.30, 1957	32.64	b55,000
1940	Feb.23-26, 1940	8.78	b3,470	1958	Apr. 17, 1958	21.82	e17,100
				1959	Mar. 10, 1959	21.85	17,200
1941	Mar. 11, 1941	-	b3,120	1960	Sept.27, 1960	23.12	24,400
1942	Jan. 8, 1942	c18.00	b13,300				
1943	Mar. 7, 1943	17.45	b12,600	1961	Apr. 20, 1961	21.77	16,900
1944	Mar.13,30, 1944	16.53	b10,200				

a Maximum for period June 20 to Sept. 30, 1926. b Maximum daily. c Occurred on Jan. 6, 1942. d Occurred on Mar. 19, 1946. e Maximum peak discharge; maximum daily discharge during year, 20,500 cfs Oct. 1, 1957, stage falling.

3301. Telogia Creek near Bristol, Fla.

Location.--Lat 30°25'35", long 84°55'40", in sec.3, T.1 S., R.7 W., near left bank at downstream side of bridge on State Highway 20, 600 ft upstream from White Branch and 3 miles east of Bristol, Liberty County.

Drainage area.--126 sq mi.

Gage.--Recording. Datum of gage is 99.50 ft above mean sea level, datum of 1929 (Florida State Road Department bench mark).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 1,500 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950	Sept. 1, 1950	8.36	a3,000	1958	Oct. 1, 1957	9.25	4,160
					Apr. 11, 1958	8.56	3,260
1951	Mar. 20, 1951	8.35	2,980		Apr. 16, 1958	9.16	4,040
1952	Dec. 6, 1951	6.75	970	1959	Feb. 6, 1959	7.33	1,660
					Mar. 7, 1959	9.36	4,300
1953	Sept.27, 1953	7.81	2,280		Mar. 17, 1959	7.23	1,530
					June 2, 1959	7.59	2,000
1954	Dec. 24, 1953	7.00	1,220				
				1960	Feb. 14, 1960	9.07	4,210
1955	Apr. 13, 1955	7.79	2,260		Apr. 3, 1960	9.34	4,640
	Apr. 15, 1955	7.56	1,960		July 13, 1960	7.63	2,050
					Sept.27, 1960	8.60	3,460
1956	July 5, 1956	8.22	2,820				
	July 17, 1956	8.04	2,580	1961	Apr. 17, 1961	7.38	1,720
	Sept.25, 1956	8.64	3,360		Aug. 31, 1961	8.25	2,900
1957	Sept.10, 1957	7.77	b2,230				

a Maximum for period Mar. 30 to Sept. 30, 1950.
b Maximum peak discharge; maximum discharge during year, 2,410 cfs Sept. 30, 1957, stage rising.

APALACHICOLA RIVER BASIN

3310. Chattahoochee River near Leaf, Ga.

Location.--Lat 34°35', long 83°38', on left bank 700 ft upstream from bridge on State Highway 115, 1½ miles east of Leaf, White County, 2½ miles downstream from Blue Creek, 3 miles upstream from Soque River, 7½ miles southeast of Cleveland, and at mile 405.6.

Drainage area.--150 sq mi.

Gage.--Recording. Datum of gage is 1,219.47 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--10 ft.

Remarks.--Base for partial-duration series, 2,700 cfs.

Peak stages and discharges of Chattahoochee River near Leaf, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1940	Apr. 19, 1940	6.0	3,400	1950	June 4, 1950	6.6	4,060
	Aug. 13, 1940	11.8	11,200		July 15, 1950	6.4	3,840
1941	July 5, 1941	5.28	2,680	1951	Mar. 29, 1951	6.2	3,620
1942	Feb. 16, 1942	10.7	9,450	1952	Dec. 21, 1951	8.6	6,480
	Sept.27, 1942	7.1	4,620		Mar. 4, 1952	6.6	4,060
					Mar. 11, 1952	13.4	13,800
1943	Dec. 29, 1942	8.06	5,830		Mar. 23, 1952	11.5	10,700
	Apr. 19, 1943	7.2	4,740				
	July 26, 1943	7.0	4,500	1953	Jan. 10, 1953	6.2	3,620
					Feb. 21, 1953	6.8	4,280
1944	Jan. 3, 1944	5.9	3,300		July 22, 1953	9.8	8,120
	Feb. 26, 1944	5.66	3,080				
	Mar. 6, 1944	5.52	2,880	1954	Dec. 9, 1953	5.8	3,190
	Mar. 19, 1944	9.4	7,560		Jan. 16, 1954	11.2	10,200
	Mar. 29, 1944	7.6	5,220		Jan. 22, 1954	8.4	6,220
					Feb. 20, 1954	7.4	4,980
1945	Sept.14,16,1945	5.3	2,680				
				1955	Feb. 6, 1955	10.6	9,300
1946	Oct. 23, 1945	5.4	2,780		Mar. 22, 1955	5.9	3,300
	Dec. 25, 1945	7.0	4,500				
	Jan. 7, 1946	13.6	14,100	1956	Apr. 6, 1956	7.3	4,740
	Jan. 31, 1946	6.2	3,620		Apr. 16, 1956	8.6	6,480
	Feb. 10, 1946	11.6	10,900				
	Feb. 19, 1946	5.45	2,880	1957	Feb. 1, 1957	6.9	4,390
	Mar. 8, 1946	7.8	5,460		Apr. 5, 1957	7.8	5,460
	Mar. 29, 1946	8.8	6,740				
				1958	Nov. 19, 1957	7.2	4,740
1947	Jan. 20, 1947	9.8	8,120		Dec. 20, 1957	6.1	3,510
	Apr. 16, 1947	5.68	3,080		July 8, 1958	6.1	3,510
1948	Feb. 12, 1948	6.3	3,730	1959	Jan. 22, 1959	7.5	5,100
	Mar. 7, 1948	6.7	4,170		May 31, 1959	8.0	5,700
	July 11, 1948	7.0	4,500		Sept. 7, 1959	6.8	4,280
	Aug. 4, 1948	8.5	6,350				
				1960	Feb. 5, 1960	5.9	3,300
1949	Nov. 3, 1948	6.9	4,390		Mar. 30, 1960	7.0	4,500
	Nov. 6, 1948	5.4	2,780		Apr. 3, 1960	6.1	3,510
	Nov. 28, 1948	9.8	8,120		Aug. 12, 1960	6.0	3,400
	Jan. 5, 1949	10.6	9,300		Sept.28, 1960	5.4	2,780
	Mar. 22, 1949	5.7	3,080				
	June 16, 1949	12.4	12,100	1961	Feb. 21, 1961	8.3	6,090
	July 12, 1949	10.2	8,700		Feb. 23, 1961	7.1	4,620
	Aug. 17, 1949	9.6	7,840		Feb. 25, 1961	9.5	7,700
	Sept. 6, 1949	8.8	6,740		Mar. 8, 1961	5.4	2,780
1950	Mar. 13, 1950	8.0	5,700				

3315. Soque River near Demorest, Ga.

Location.--Lat 34°34', long 83°35', 300 ft upstream from bridge on State Highway 105, 2½ miles west of Demorest, Habersham County, 3 miles downstream from Habersham Mill Dam, and 3 miles uspstream from mouth.

Drainage area.--156 sq mi.

Gage.--Nonrecording prior to May 30, 1929; recording May 30, 1929, to Dec. 25, 1931, and Mar. 27, 1940, to Dec. 31, 1951; crest-stage gage thereafter. Datum of gage is 1,152.16 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 12,000 cfs and extended on basis of slope-area measurement at 21,000 cfs.

Bankfull stage.--10 ft.

Remarks.--Base for partial-duration series, 2,800 cfs. Supplemental peaks for period 1941-51 only.

Peak stages and discharges of Soque River near Demorest, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1905	June 30, 1905	18.9	11,000	1947	Jan. 20, 1947	12.8	6,310
1906	Aug. 18, 1906	17.0	9,500				
1907	Oct. 3, 1906	8.0	3,150	1948	July 12, 1948	11.2	5,190
1908	Apr. 25, 1908	11.8	5,610		Aug. 4, 1948	9.0	3,750
1929	Sept.26, 1929	15.1	8,020	1949	Nov. 3, 1948	10.1	4,460
1930	Mar. 7, 1930	7.5	2,880		Nov. 28, 1948	13.3	6,680
					Jan. 5, 1949	12.8	6,310
1931	Nov. 16, 1930	5.3	1,630		Apr. 13, 1949	7.5	2,870
1932	Dec. 14, 1931	10.7	5,310		June 16, 1949	28.5	21,000
					July 12, 1949	9.4	4,010
1938	July 21, 1938	22.8	14,400		Sept. 6, 1949	12.1	5,820
1940	Aug. 13, 1940	20.0	11,900	1950	Mar. 13, 1950	7.5	2,870
					June 8, 1950	8.0	3,150
1941	July 7, 1941	8.5	3,450				
				1951	Oct. 20, 1950	7.9	3,040
1942	Feb. 16, 1942	13.5	6,820				
	Mar. 21, 1942	8.3	3,330	1952	Mar. 11, 1952	13.2	6,600
				1953	July 22, 1953	13.0	6,450
1943	Dec. 29, 1942	8.2	3,270	1954	Jan. 16, 1954	14.0	7,120
	Apr. 19, 1943	9.4	4,010	1955	Feb. 6, 1955	13.1	6,520
1944	Mar. 19, 1944	12.1	5,820	1956	Apr. 14, 1956	9.3	3,940
	Mar. 29, 1944	9.6	4,140	1957	Apr. 4, 1957	9.3	3,940
				1958	July 8, 1958	8.4	3,390
1945	Sept.16, 1945	7.1	2,650	1959	May 31, 1959	9.5	4,080
				1960	March 1960	-	a3,200
1946	Jan. 7, 1946	21.8	13,500				
	Feb. 10, 1946	12.2	5,890	1961	Feb. 25, 1961	12.1	5,820
	Mar. 29, 1946	14.5	7,580				

a Estimated.

3330. Chattahoochee River near Gainesville, Ga.

Location.--Lat 34°20, long 83°52', on right bank 1,100 ft upstream from State Highway 53, half a mile upstream from Eddie Creek, 3½ miles downstream from Little River, 4 miles northwest of Gainesville, Hall County, 6 miles upstream from Chestatee River, and at mile 368.8.

Drainage area.--559 sq mi.

Gage.--Recording. Datum of gage is 974.98 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Current-meter measurements to 40,000 cfs have been obtained, but stage-discharge relation is not well defined, owing to changes in the channel and rate of change of stage effect.

Bankfull stage.--12 ft.

Remarks.--Site in reservoir of Lake Lanier after January 1956. Base for partial-duration series, 9,000 cfs. Only annual peaks are shown prior to 1941.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Aug. 18, 1939	12.5	13,500	1946	Feb. 11, 1946	16.8	23,200
1940	Aug. 14, 1940	18.7	30,500		Mar. 9, 1946	11.8	12,600
					Mar. 29, 1946	14.5	18,100
1941	July 15, 1941	9.5	9,150				
				1947	Jan. 20, 1947	17.9	20,100
1942	Feb. 17, 1942	16.4	23,300				
	Mar. 21, 1942	11.8	12,600	1948	Feb. 13, 1948	10.2	8,760
					Mar. 7, 1948	9.7	8,070
1943	Dec. 30, 1942	12.0	13,000		July 12, 1948	13.1	12,400
	Apr. 19, 1943	11.8	12,600		July 14, 1948	10.9	9,480
					Aug. 4, 1948	16.6	17,800
1944	Mar. 20, 1944	15.6	21,200				
	Mar. 29, 1944	14.0	17,200	1949	Nov. 3, 1948	10.6	9,120
					Nov. 29, 1948	17.7	19,800
1945	Sept.17, 1945	9.2	8,910		Jan. 6, 1949	17.9	20,100
					June 17, 1949	20.3	24,600
1946	Dec. 25, 1945	9.8	9,040		July 13, 1949	10.9	9,480
	Jan. 7, 1946	26.2	45,800		July 15, 1949	10.9	9,480

Peak stages and discharges of Chattahoochee River near Gainesville, Ga.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1949	Aug. 17, 1949	11.2	9,860	1952	Mar. 23, 1952	17.9	20,100
	Sept. 7, 1949	19.2	22,500	1953	Jan. 10, 1953	11.8	10,600
1950	Mar. 14, 1950	11.0	9,600		Feb. 21, 1953	11.3	9,990
1951	Oct. 20, 1950	9.5	7,850		July 23, 1953	12.9	12,200
1952	Dec. 21, 1951	15.4	15,600	1954	Jan. 17, 1954	18.8	21,400
	Mar. 4, 1952	14.4	14,300		Jan. 23, 1954	16.3	17,000
	Mar. 11, 1952	20.5	25,000	1955	Feb. 7, 1955	18.6	21,400

3335. Chestatee River near Dahlonega, Ga.

Location.--Lat 34°32', long 83°56', on left bank 250 ft upstream from Bearden Bridge on State Highway 43, 2 miles downstream from Ballplay Creek, 2½ miles east of Dahlonega, Lumpkin County, and 3½ miles upstream from Yahoola Creek.

Drainage area.--153 sq mi.

Gage.--Recording. Datum of gage is 1,128.6 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 2,000 cfs for period 1929-32. Defined by current-meter measurements below 11,000 cfs for period 1940-61. The construction of a new bridge and fill 250 ft below gage about 1938 caused considerable change in the stage-discharge relation at the gage.

Bankfull stage.--15 ft.

Remarks.--Base for partial-duration series, 2,600 cfs. Only annual peaks are shown for 1929, 1932, and 1940.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1907	Aug. 12, 1907	a25.0	-	1949	Jan. 5, 1949	16.9	9,450
1929	Sept.25, 1929	12.6	7,300		Sept. 6, 1949	12.2	5,140
1930	Nov. 15, 1929	7.2	3,070	1950	Mar. 13, 1950	11.1	4,370
	Mar. 7, 1930	10.3	5,450		June 4, 1950	9.8	3,580
1931	Nov. 16, 1930	6.6	2,650	1951	Mar. 29, 1951	7.4	2,400
1932	Dec. 14, 1931	14.6	9,000	1952	Dec. 21, 1951	12.7	5,510
					Mar. 4, 1952	8.6	2,980
1940	Aug. 13, 1940	17.4	9,950		Mar. 11, 1952	20.8	13,800
					Mar. 23, 1952	18.4	11,000
1941	July 14, 1941	9.9	3,320	1953	Jan. 10, 1953	9.7	3,530
					Feb. 21, 1953	8.7	3,030
1942	Feb. 17, 1942	17.9	10,500		July 22, 1953	10.3	3,860
	Mar. 21, 1942	11.5	4,440				
	Sept.27, 1942	11.7	4,580	1954	Jan. 16, 1954	17.6	10,200
					Jan. 22, 1954	9.9	3,630
1943	Dec. 29, 1942	11.6	4,510				
	Apr. 19, 1943	10.4	3,670	1955	Feb. 6, 1955	15.7	8,330
1944	Feb. 27, 1944	10.5	3,850	1956	Apr. 6, 1956	8.1	3,260
	Mar. 19, 1944	14.3	6,770		Apr. 16, 1956	10.9	4,840
	Mar. 29, 1944	11.1	4,270				
				1957	Feb. 1, 1957	8.3	3,360
1945	Sept.14, 1945	8.4	2,620		Apr. 5, 1957	11.7	5,320
	Sept.16, 1945	9.1	2,980				
				1958	Nov. 19, 1957	7.4	2,870
1946	Dec. 25, 1945	8.9	3,050		Dec. 20, 1957	7.5	2,920
	Jan. 7, 1946	22.1	15,300				
	Jan. 31, 1946	9.0	3,100	1959	Jan. 22, 1959	10.0	4,300
	Feb. 10, 1946	18.5	11,200		May 31, 1959	8.5	3,480
	Mar. 8, 1946	14.7	7,250				
	Mar. 29, 1946	8.8	3,000	1960	Oct. 10, 1959	7.7	3,040
					Mar. 30, 1960	8.3	3,360
1947	Jan. 20, 1947	15.6	8,150		Apr. 3, 1960	7.4	2,870
					Sept.28, 1960	7.2	2,760
1948	Feb. 12, 1948	8.1	2,650				
	July 12, 1948	12.2	5,140	1961	Feb. 21, 1961	11.7	5,320
	Aug. 4, 1948	15.6	8,150		Feb. 23, 1961	8.4	3,420
					Feb. 25, 1961	16.0	8,600
1949	Nov. 28, 1948	14.6	7,150		Mar. 8, 1961	6.9	2,600

a From information furnished by local resident. Failure of dam upstream increased flow.

3345. Chattahoochee River near Buford, Ga.

Location.--Lat 34°08', long 84°06', at downstream end of left bank pier of bridge on State Highway 20, three-quarters of a mile upstream from Dave Creek, 3.2 miles downstream from Buford Dam, 4 miles downstream from Bald Ridge Creek, 5 miles west of Buford, Gwinnett County, and at mile 345.7.

Drainage area.--1,060 sq mi, approximately.

Gage.--Nonrecording prior to Dec. 4, 1944; recording thereafter. Prior to Dec. 31, 1947, at site 1,000 ft downstream. Datum of gage is 905.20 ft. above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 30,000 cfs.

Bankfull stage.--17 ft.

Remarks.--Flood peaks regulated by Lake Sidney Lanier beginning January 1956. Base for partial-duration series, 10,000 cfs. Supplemental peaks for period 1946-55 only.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1942	Feb. 18, 1942	23.0	21,400	1950	Mar. 14, 1950	18.2	13,700
1943	Dec. 30, 1942	21.9	19,100				
1944	Mar. 29, 1944	22.3	19,900	1951	Oct. 21, 1950	15.8	10,800
1945	Sept.17, 1945	15.4	10,400				
				1952	Dec. 22, 1951	23.5	23,100
1946	Dec. 26, 1945	16.9	11,900		Mar. 5, 1952	21.4	18,900
	Jan. 8, 1946	32.6	55,000		Mar. 12, 1952	27.7	34,100
	Feb. 11, 1946	-	a22,000		Mar. 24, 1952	25.7	28,400
	Mar. 9, 1946	20.2	16,200				
	Mar. 29, 1946	21.3	18,000	1953	Jan. 10, 1953	19.9	16,200
					Feb. 22, 1953	19.0	14,800
1947	Jan. 21, 1947	25.4	29,800		July 24, 1953	17.8	13,200
1948	Feb. 13, 1948	17.7	13,300	1954	Dec. 10, 1953	15.2	10,200
	Mar. 8, 1948	17.0	12,200		Jan. 17, 1954	25.9	28,900
	July 13, 1948	19.9	16,600		Jan. 23, 1954	22.4	20,800
	July 15, 1948	16.6	11,700				
	Aug. 5, 1948	22.9	22,900	1955	Feb. 8, 1955	20.6	17,500
1949	Nov. 4, 1948	16.4	11,500	1956	Apr. 17, 1956	10.3	5,400
	Nov. 29, 1948	25.0	26,600				
	Jan. 6, 1949	25.6	28,200	1957	Apr. 5, 1957	11.7	6,760
	Apr. 14, 1949	15.4	10,400	1958	Feb. 13, 1958	15.7	11,100
	June 17, 1949	23.3	22,700	1959	July 16, 1959	14.0	9,300
	July 15, 1949	16.5	11,600	1960	June 10, 1960	13.8	9,100
	Aug. 18. 1949	17.6	12,900				
	Sept. 7, 1949	25.5	27,900	1961	Aug. 11, 1961	13.8	9,760

a Estimated.

3350. Chattahoochee River near Norcross, Ga.

Location.--Lat 34°00', long 84°12', on downstream side of right bank pier of relocated bridge on State Highway 141, 1½ miles upstream from John Creek, 4½ miles north of Norcross, Gwinnett County, 6½ miles downstream from Suwanee Creek, 18 miles downstream from Buford Dam, and at mile 330.8.

Drainage area.--1,170 sq mi, approximately.

Gage.--Nonrecording prior to Mar. 12, 1957; recording thereafter. Prior to Oct. 1, 1956, at site 500 ft downstream. Datum of gage is 878.14 ft above mean sea level, datum of 1929 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 36,000 cfs and extended above on basis of computation of flow over Morgans Falls Dam at 55,000 cfs.

Bankfull stage.--11 ft.

Remarks.--Flood peaks regulated by Lake Sidney Lanier since January 1956. Stage records furnished by U.S. Weather Bureau 1923-26, 1947-56, and by Georgia Power Co. 1927-41. Stage and discharge records furnished by Corps of Engineers after 1956. Only annual peaks are shown.

Peak stages and discharges of Chattahoochee River near Norcross, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1903	Mar. 24, 1903	20.6	32,500	1933	Dec. 29, 1932	20.0	32,100
1904	Aug. 9, 1904	11.2	14,300	1934	Mar. 5, 1934	19.9	31,800
1905	Jan. 13, 1905	12.2	16,100	1935	Oct. 7, 1934	13.6	17,200
1906	Jan. 4, 1906	16.4	24,300	1936	Apr. 7, 1936	22.2	38,400
1907	Oct. 3, 1906	11.0	a13,900	1937	Jan. 4, 1937	18.1	27,200
1908	Apr. 26, 1908	14.3	20,400	1938	July 23, 1938	13.9	17,800
1909	Mar. 14, 1909	16.0	22,000	1939	Aug. 19, 1939	12.4	14,800
1910	May 9, 1910	10.7	12,400	1940	Aug. 15, 1940	18.0	22,500
1911	Apr. 6, 1911	12.2	14,000	1941	July 6, 1941	10.7	9,340
1912	Mar. 16, 1912	19.3	30,500	1942	Feb. 18, 1942	17.3	20,600
1913	Mar. 15, 1913	13.4	16,000	1943	Dec. 31, 1942	14.8	15,500
1914	Apr. 15, 1914	10.5	11,300	1944	Mar. 30, 1944	18.0	22,500
1915	Dec. 5, 1914	14.8	18,400	1945	Apr. 26, 1945	10.8	9,460
1916	Dec. 30, 1915	21.4	36,200	1946	Jan. 8, 1946	27.7	55,000
1917	Mar. 25, 1917	16.9	24,200	1947	Jan. 21, 1947	20.1	28,900
1918	Jan. 29, 1918	10.4	10,800	1948	Aug. 6, 1948	15.4	16,600
1919	Dec. 23, 1918	21.3	35,900	1949	Jan. 7, 1949	20.2	29,200
1920	Dec. 10, 1919	27.1	54,700	1950	Mar. 14, 1950	12.0	11,000
1921	Feb. 10, 1921	20.4	33,300	1951	Oct. 21, 1950	11.6	10,500
1922	Mar. 11, 1922	12.4	14,000	1952	Mar. 12, 1952	22.0	35,000
1923	Dec. 18, 1922	14.6	18,600	1953	Jan. 11, 1953	15.0	15,800
1924	Apr. 19, 1924	10.5	11,400	1954	Jan. 17, 1954	20.0	28,600
1925	Jan. 19, 1925	13.4	16,800	1955	Feb. 9, 1955	15.8	17,300
1926	Jan. 19, 1926	14.8	19,700	1956	Apr. 19, 1956	6.9	5,120
1927	Feb. 14, 1927	10.5	11,400	1957	Apr. 5, 1957	10.1	8,580
1928	Aug. 17, 1928	12.8	15,600	1958	Feb. 13, 1958	10.0	8,970
1929	Sept.27, 1929	19.6	31,100	1959	June 20, 1959	9.6	7,890
1930	Mar. 8, 1930	13.0	16,000	1960	Apr. 6, 1960	10.2	8,710
1931	Nov. 17, 1930	9.7	10,000	1961	Feb. 21, 1961	10.6	8,960
1932	Dec. 16, 1931	14.7	19,500				

a Maximum daily discharge.

3355. Chattahoochee River near Roswell, Ga.

Location.--Lat 34°00', long 84°20', on right bank 1½ miles upstream from Big Creek and bridge on U.S. Highway 19, 2 miles southeast of Roswell, Fulton County, and at mile 318.8.

Drainage area.--1,230 sq mi, approximately.

Gage.--Recording. Datum of gage is 849.50 ft above mean sea level, datum of 1929 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 30,000 cfs and extended above on basis of computation of flow over Morgar Falls Dam at 56,000 cfs.

Bankfull stage.--13 ft.

Remarks.--Flood peaks are regulated by Lake Sidney Lanier since January 1956. Base for partial-duration series, 12,000 cfs. Only annual peaks are shown subsequent to 1955.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1942	Feb. 18, 1942	15.1	19,800	1946	Mar. 30, 1946	15.4	21,000
	Mar. 22, 1942	13.8	16,400	1947	Jan. 22, 1947	17.8	28,400
1943	Dec. 31, 1942	14.0	17,000				
	Mar. 21, 1943	11.7	12,400	1948	Feb. 9, 1948	11.2	12,200
	Apr. 20, 1943	13.2	15,500		Feb. 14, 1948	12.3	13,600
					Mar. 8, 1948	11.6	12,200
1944	Feb. 28, 1944	12.4	13,800		July 13, 1948	-	a13,000
	Mar. 21, 1944	14.9	19,400		Aug. 6, 1948	14.4	18,800
	Mar. 30, 1944	15.9	22,200	1949	Nov. 30, 1948	17.9	27,800
1945	Apr. 26, 1945	10.6	10,400		Jan. 7, 1949	17.9	28,800
					June 18, 1949	14.0	19,000
1946	Jan. 8, 1946	23.4	56,000		Sept. 8, 1949	17.0	26,000
	Feb. 12, 1946	16.9	25,400				
	Mar. 10, 1946	13.2	15,600	1950	Mar. 15, 1950	12.0	13,000

a Estimated.

Peak stages and discharges of Chattahoochee River near Roswell, Ga.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Oct. 21, 1950	10.8	10,900	1954	Jan. 24, 1954	15.3	20,700
1952	Dec. 22, 1951	16.4	23,900	1955	Feb. 9, 1955	14.2	18,000
	Mar. 5, 1952	14.5	18,700				
	Mar. 13, 1952	19.2	33,700	1956	Mar. 16, 1956	8.3	6,940
	Mar. 25, 1952	17.6	27,800	1957	Apr. 5, 1957	11.1	11,400
				1958	Feb. 13, 1958	8.8	7,670
1953	Jan. 11, 1953	14.0	17,400	1959	June 18, 1959	8.0	8,200
	Feb. 22, 1953	13.3	15,800	1960	Apr. 6, 1960	8.2	8,520
1954	Jan. 18, 1954	17.7	28,100	1961	Feb. 25, 1961	10.4	12,300

3360. Chattahoochee River at Atlanta, Ga.
(Published as "near Vinings" prior to October 1951)

Location.--Lat 33°52', long 84°27', on left bank 20 ft upstream from Paces Ferry Bridge at Atlanta, Fulton County, 1 mile downstream from Rotten Wood Creek, 2½ miles upstream from Peachtree Creek, and at mile 303.0.

Drainage area.--1,450 sq mi, approximately.

Gage.--Recording prior to Nov. 15, 1936; nonrecording Nov. 15, 1936, to Mar. 8, 1937; recording thereafter. Datum of gage is 750.10 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--15 ft.

Remarks.--Flood peaks are regulated by Lake Sidney Lanier after January 1956. Base for partial-duration series, 13,000 cfs. Supplemental peaks for periods 1929-31 and 1938-55 only.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1920	December 1919	a29.0	64,000	1946	Mar. 10, 1946	13.3	16,700
					Mar. 30, 1946	17.2	22,600
1929	Feb. 28, 1929	15.2	22,400				
	Mar. 5, 1929	16.0	23,800	1947	Jan. 22, 1947	20.2	29,800
	Mar. 15, 1929	17.9	27,100				
	Mar. 23, 1929	15.3	22,600	1948	Feb. 9, 1948	13.2	16,000
	Sept.28, 1929	18.8	28,700		Feb. 14, 1948	12.1	15,100
					Mar. 8, 1948	11.7	13,200
1930	Nov. 14, 1929	10.5	14,200		July 15, 1948	12.6	15,000
	Mar. 9, 1930	12.0	16,800		July 16, 1948	11.8	14,000
					Aug. 6, 1948	14.5	18,200
1931	Nov. 17, 1930	7.5	8,900				
				1949	Nov. 28, 1948	21.7	34,400
1932	Dec. 16, 1931	13.2	18,900		Jan. 7, 1949	19.8	28,700
					June 19, 1949	15.0	18,900
1937	Jan. 4, 1937	18.1	25,300		Sept. 8, 1949	18.5	25,400
1938	July 24, 1938	14.1	18,300	1950	Mar. 15, 1950	11.2	13,900
1939	Aug. 19, 1939	11.5	14,100	1951	Oct. 21, 1950	9.5	11,400
1940	Aug. 15, 1940	17.5	24,200	1952	Dec. 23, 1951	17.9	24,000
					Mar. 6, 1952	15.1	19,000
1941	July 7, 1941	9.9	11,500		Mar. 13, 1952	21.7	34,400
					Mar. 25, 1952	19.6	28,200
1942	Feb. 19, 1942	16.3	22,100				
	Mar. 23, 1942	15.1	20,000	1953	Jan. 11, 1953	14.3	18,000
					Feb. 23, 1953	12.7	15,900
1943	Dec. 31, 1942	14.6	19,200				
	Mar. 21, 1943	13.7	17,700	1954	Jan. 18, 1954	19.3	27,400
	Apr. 21, 1943	13.3	17,000		Jan. 24, 1954	15.7	19,900
1944	Feb. 28, 1944	12.0	14,900	1955	Feb. 9, 1955	14.3	18,000
	Mar. 21, 1944	15.3	20,000				
	Mar. 31, 1944	17.6	23,400	1956	Mar. 16, 1956	12.1	15,100
				1957	Apr. 5, 1957	15.8	20,100
1945	Feb. 23, 1945	8.9	10,200	1958	Feb. 14, 1958	7.2	7,540
	Apr. 26, 1945	8.9	10,200	1959	May 31, 1959	7.7	8,260
				1960	Mar. 30, 1960	10.2	12,400
1946	Jan. 9, 1946	28.0	59,000				
	Feb. 12, 1946	19.2	27,100	1961	Feb. 25, 1961	18.3	24,900

a From floodmark at city of Atlanta sewage disposal plant 4 miles downstream and stage relation between the 2 sites.

3365. Chattahoochee River at Oakdale, Ga.

Location.--Lat 33°48'50", long 84°29'40", at Southern Railway bridge, a quarter of a mile west of Chattahoochee, 1 mile east of Oakdale, Cobb County, 1 mile upstream from Proctor Creek, 2 miles downstream from Peachtree Creek, 8 miles northwest of Atlanta, and at mile 298.1.

Drainage area.--1,600 sq mi, approximately.

Gage.--Nonrecording. July 1, 1898, to May 31, 1899, at site 1 mile downstream at datum 1 ft lower. Datum of gage is 739.97 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 24,000 cfs.

Historical data.--Flood of Jan. 8, 1946, reached a stage of 29.4 ft at Southern Railway bridge, from information furnished by employee of Southern Railway Co. This was probably the highest flood since December 1919 based on nearby gaging-station records.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1896	July 10, 1896	18.4	24,600	1901	Mar. 27, 1901	23.5	36,600
1897	Apr. 6, 1897	17.0	21,900	1902	Dec. 30, 1901	27.0	48,800
1898	Sept. 3, 1898	27.8	45,000	1903	Feb. 18, 1903	25.6	43,900
1899	Mar. 17, 1899	24.2	29,400				
1900	Feb. 14, 1900	20.7	28,600				

3370. Sweetwater Creek near Austell, Ga.

Location.--Lat 33°46', long 84°37', on right bank 400 ft upstream from Blair Bridge, 3 miles southeast of Austell, Cobb County, and 5½ miles upstream from mouth.

Drainage area.--246 sq mi.

Gage.--Nonrecording prior to Nov. 30, 1937; recording thereafter. Prior to Dec. 31, 1905, at site 2½ miles upstream at different datum. Datum of gage is 857.01 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 6,500 cfs and extended above on basis of contracted-opening measurement at 10,000 cfs.

Bankfull stage.--10 ft.

Remarks.--Only annual peaks are shown prior to 1938.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1904	Aug. 9, 1904	16.6	5,910	1942	Mar. 15, 1942	7.1	2,020
1905	July 12, 1905	17.3	6,260		Mar. 22, 1942	12.7	4,460
1916	July 8, 1916	a20.0	12,600	1943	Dec. 30, 1942	9.3	2,850
					Jan. 19, 1943	8.6	2,580
1937	May 1, 1937	14.0	5,360		Mar. 22, 1943	13.7	5,190
					Apr. 13, 1943	6.9	1,950
1938	Mar. 17, 1938	9.5	2,930		Apr. 19, 1943	7.1	2,020
	Apr. 3, 1938	11.1	3,750		July 1, 1943	7.0	1,980
	Apr. 9, 1938	16.2	6,640				
				1944	Mar. 30, 1944	10.4	3,390
1939	Mar. 1, 1939	8.6	2,580		Apr. 11, 1944	6.9	1,950
	Aug. 18, 1939	8.0	2,350				
	Aug. 26, 1939	7.4	2,130	1945	Apr. 25, 1945	7.4	2,130
					May 13, 1945	6.6	1,840
1940	Jan. 15, 1940	7.2	2,060		July 17, 1945	7.2	2,060
	Mar. 14, 1940	7.5	2,160				
	July 10, 1940	10.7	3,540	1946	Dec. 26, 1945	7.9	2,440
	Aug. 13, 1940	7.8	2,280		Jan. 8, 1946	15.1	6,000
					Jan. 16, 1946	7.4	2,250
1941	July 17, 1941	6.0	1,630		Feb. 11, 1946	10.4	3,490

a From information furnished by local resident.

Peak stages and discharges of Sweetwater Creek near Austell, Ga.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1946	Mar. 9, 1946	8.1	2,520	1952	Mar. 12, 1952	10.1	3,350
	Mar. 17, 1946	7.2	2,180		Mar. 24, 1952	7.1	2,140
	Mar. 30, 1946	13.1	4,860	1953	Jan. 10, 1953	9.6	3,130
1947	Jan. 21, 1947	15.3	6,110		May 7, 1953	7.7	2,370
	Mar. 8, 1947	7.8	2,400	1954	Jan. 17, 1954	10.4	3,490
1948	Feb. 10, 1948	10.3	3,440	1955	Feb. 8, 1955	8.5	2,680
	Mar. 7, 1948	6.3	1,840	1956	Mar. 16, 1956	10.5	3,540
	Apr. 1, 1948	7.0	2,100		Apr. 16, 1956	6.6	1,950
	Apr. 8, 1948	7.5	2,290	1957	Apr. 6, 1957	13.2	4,910
	July 17, 1948	7.4	2,250	1958	Feb. 7, 1958	6.5	1,910
	Aug. 4, 1948	7.6	2,330		Feb. 27, 1958	6.4	1,870
1949	Nov. 24, 1948	7.9	2,440	1959	June 2, 1959	11.7	3,900
	Nov. 29, 1948	18.4	10,400	1960	Feb. 1, 1960	9.3	2,720
	Jan. 6, 1949	9.4	3,050		Mar. 31, 1960	7.1	1,800
	Feb. 11, 1949	7.9	2,440		Apr. 5, 1960	7.3	1,880
	Sept. 6, 1949	6.5	1,910	1961	Feb. 22, 1961	16.8	8,120
1950	Mar. 14, 1950	6.5	1,910		Feb. 26, 1961	18.2	10,100
	Sept. 9, 1950	6.8	2,020		Apr. 1, 1961	7.3	1,860
1951	Apr. 23, 1951	6.6	1,950				
1952	Dec. 22, 1951	13.3	4,970				
	Mar. 4, 1952	6.9	2,060				

3374. Dog River near Douglasville, Ga.

Location.--Lat 33°40', long 84°52', at county road, 8½ miles southwest of Douglasville, Douglas County.

Drainage area.--43 sq mi, approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 3,000 cfs and extended above on basis of contracted-opening measurement at 9,910 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Mar. 8, 1951	5.52	1,080	1957	Apr. 5, 1957	12.23	4,540
1952	Dec. 21, 1951	12.81	5,260	1958	Feb. 6, 1958	8.70	1,780
1953	Jan. 9, 1953	6.80	1,270	1959	May 31, 1959	13.92	6,660
1954	Jan. 16, 1954	3.59	695	1960	Apr. 3, 1960	8.32	1,650
1955	Feb. 6, 1955	5.57	1,090	1961	Feb. 25, 1961	16.15	9,910
1956	Mar. 16, 1956	14.36	7,360				

3375. Snake Creek near Whitesburg, Ga.

Location.--Lat 33°32', long 84°56', at downstream end of left bank pier at highway bridge, at Banning Mills, 1.5 miles north of State Highway 16, 3 miles northwest of Whitesburg, Carroll County, 4 miles downstream from Little Snake Creek, and 7 miles upstream from mouth.

Drainage area.--37 sq mi, approximately.

Gage.--Recording. Altitude of gage is 850 ft (from topographic map).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 560 cfs. Only annual peaks are shown prior to 1958.

Peak stages and discharges of Snake Creek near Whitesburg, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Feb. 6, 1955	5.8	1,200	1959	July 10, 1959	5.40	1,020
1956	Mar. 16, 1956	12.8	6,110		Sept.15, 1959	4.35	580
1957	Apr. 5, 1957	9.6	3,520				
				1960	Jan. 31, 1960	7.3	2,030
1958	Feb. 6, 1958	7.9	2,390		Mar. 30, 1960	5.18	930
	Apr. 15, 1958	6.4	1,520		Apr. 3, 1960	7.9	2,390
	July 20, 1958	7.8	2,330				
				1961	Feb. 21, 1961	5.38	1,020
1959	Oct. 1, 1958	4.57	660		Feb. 23, 1961	5.94	1,280
	Jan. 21, 1959	7.2	1,970		Feb. 25, 1961	14.4	7,690
	May 30, 1959	5.65	1,130		Mar. 31, 1961	6.35	1,520
	May 31, 1959	9.1	3,170		Apr. 12, 1961	5.20	930
	June 2, 1959	7.8	2,330		July 16, 1961	6.27	1,460

3380. Chattahoochee River near Whitesburg, Ga.

Location.--Lat 33°29', long 84°54', at downstream side near center of bridge on State Highway 16, half a mile upstream from Central of Georgia Railway bridge, 1¼ miles southeast of Whitesburg, Carroll County, 1½ miles downstream from Cedar Creek, 2 miles downstream from Snake Creek, and at mile 260.0.

Drainage area.--2,430 sq mi, approximately.

Gage.--Nonrecording. Prior to Apr. 30, 1949, at site 1 mile upstream. Datum of gage is 684.06 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 40,000 cfs and extended above on basis of velocity-area and channel capacity studies.

Bankfull stage.--18 ft.

Remarks.--Base for partial-duration series, 18,000 cfs. Only annual peaks are shown prior to 1947.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	Apr. 8, 1938	16.4	25,000	1949	Jan. 9, 1949	18.4	28,400
1939	Feb. 28, 1939	15.7	23,300		Apr. 30, 1949	13.9	18,600
1940	Aug. 16, 1940	14.5	20,800		Sept.10, 1949	13.6	21,600
1941	July 17, 1941	11.0	13,800	1950	Mar. 16, 1950	10.2	15,000
1942	Mar. 21, 1942	19.6	33,900				
1943	Mar. 21, 1943	18.2	30,000	1951	Mar. 30, 1951	9.0	12,800
1944	Apr. 1, 1944	17.6	26,900				
1945	Apr. 25, 1945	15.7	22,900	1952	Dec. 21, 1951	17.3	29,600
					Mar. 5, 1952	14.9	24,300
1946	Jan. 10, 1946	25.1	59,000		Mar. 14, 1952	18.5	32,400
					Mar. 26, 1952	16.8	28,500
1947	Jan. 23, 1947	20.2	33,500				
				1953	Jan. 10, 1953	13.4	21,200
1948	Feb. 9, 1948	17.2	25,800		Feb. 23, 1953	11.8	18,000
	Mar. 23, 1948	16.3	23,700				
	July 15, 1948	16.7	24,700	1954	Jan. 19, 1954	15.8	26,300
					Jan. 14, 1954	12.9	20,200
1949	Nov. 29, 1948	25.0	46,000				

3385. Chattahoochee River at Franklin, Ga.

Location.--Lat 33°16'45", long 85°06'00", at bridge on U.S. Highway 27, a quarter of a mile southwest of Franklin, Heard County, 1½ miles downstream from Centralhatchee Creek, and 2 miles upstream from Hillabahatchee Creek.

Drainage area.--2,680 sq mi, approximately.

Gage.--Nonrecording. Prior to Oct. 31, 1931, at site 250 ft downstream. Mar. 1, 1937, to Sept. 30, 1939, at site 500 ft downstream. All gages at about same datum. Datum of gage is 623.86 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 36,000 cfs and extended above on basis of peak flow at stations near Norcross and at West Point.

Remarks.--Peak discharges since January 1956 may be affected by Lake Sidney Lanier. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1920	December 1919	28.4	105,000	1939	Feb. 28, 1939	17.0	28,300
1929	Mar. 15, 1929	22.7	54,000	1949	Nov. 29, 1948	26.6	48,000
1930	Nov. 15, 1929	14.7	24,500	1958	Feb. 7, 1958	15.2	23,300
1931	Nov. 16, 1930	13.5	21,600	1959	June 1, 1959	16.6	26,200
1938	Apr. 8, 1938	18.8	34,100	1961	February 1961	26.7	48,500

3390. Yellowjacket Creek near La Grange, Ga.

Location.--Lat 33°05'25", long 85°03'45", at downstream end of right bank pier of bridge on State Highway 219, 1¼ miles downstream from Beach Creek, 2 miles upstream from Jackson Creek, and 4¼ miles northwest of La Grange, Troup County.

Drainage area.--182 sq mi.

Gage.--Recording. Altitude of gage is 601 ft (by barometer).

Stage-discharge relation.--Defined by current-meter measurements below 12,800 cfs and extended above by logarithmic plotting.

Bankfull stage.--6 ft.

Remarks.--Base for partial-duration series, 850 cfs. Only annual peaks are shown prior to 1955.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Apr. 24, 1951	6.60	880	1958	Dec. 21, 1957	6.99	860
1952	Mar. 5, 1952	11.28	4,200		Feb. 8, 1958	12.0	4,900
1953	May 2, 1953	9.70	2,760		Mar. 9, 1958	8.88	2,110
1954	Dec. 5, 1953	9.70	2,760		Apr. 16, 1958	10.6	3,540
1955	Feb. 8, 1955	7.34	942	1959	Mar. 6, 1959	7.25	960
	Apr. 15, 1955	8.63	1,720	1960	Jan. 31, 1960	8.30	1,620
1956	Feb. 8, 1956	8.46	1,560		Feb. 6, 1960	7.45	1,130
	Mar. 17, 1956	11.35	4,300		Mar. 17, 1960	7.00	860
	Mar. 31, 1956	7.80	1,080		Mar. 31, 1960	9.1	2,280
	Apr. 6, 1956	9.03	2,000		Apr. 5, 1960	10.0	3,000
	Sept.27, 1956	11.06	4,000	1961	Feb. 21, 1961	13.1	5,610
1957	Dec. 24, 1956	10.52	3,450		Feb. 25, 1961	22.5	21,600
	Feb. 1, 1957	7.50	1,080		Mar. 9, 1961	7.15	860
	Mar. 26, 1957	7.42	1,030		Apr. 1, 1961	12.1	4,600
	Apr. 6, 1957	13.36	6,110		Apr. 14, 1961	7.39	980
	Aug. 20, 1957	12.45	5,340		Apr. 17, 1961	7.17	880
					June 23, 1961	7.77	1,200
1958	Nov. 25, 1957	7.60	1,030		Aug. 25, 1961	9.1	2,070

3395. Chattahoochee River at West Point, Ga.

Location.--Lat 32°53', long 85°11', on right bank just downstream from Oseligee Creek, at West Point, Troup County, 1 mile upstream from bridge on U.S. Highway 29, and at mile 198.9.

Drainage area.--3,550 sq mi.

Gage.--Nonrecording prior to Jan. 26, 1925; recording thereafter. Prior to Oct. 20, 1912, at site three-quarters of a mile downstream at datum 2.83 ft lower. Oct. 20, 1912, to Jan. 25, 1925, at site 500 ft upstream. Datum of gage is 551.67 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 85,000 cfs and extended above on basis of computation of peak flow over Langdale Dam at 134,000 cfs.

Bankfull stage.--11 ft.

Historical data.--Well documented records of major floods at Columbus, Ga., indicate that the 1886 flood on Chattahoochee River was, at that time, the highest since at least 1827. There is no indication that any flood that occurred at West Point during the period 1886 to 1897 exceeded that of 1886. Therefore, the flood of December 1919 may be considered the highest since 1827, and that of February 1961 the second highest.

Remarks.--Peak discharges since January 1956 may be slightly affected by storage in Lake Sidney Lanier. Base for partial-duration series, 25,000 cfs. Only annual peaks are shown prior to 1926.

Peak stages and discnarges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1886	April 1886	a25.6	92,800	1929	Mar. 15, 1929	25.4	87,600
					Mar. 24, 1929	19.5	51,000
1897	Mar. 14, 1897	14.1	b38,500		May 2, 1929	13.5	27,900
1898	Sept. 6, 1898	18.2	b57,400		Sept.30, 1929	12.9	26,000
1899	Feb. 28, 1899	15.2	b43,600				
1900	Feb. 14, 1900	19.5	b63,300	1930	Nov. 16, 1929	13.6	28,200
					Mar. 8, 1930	12.6	25,200
1901	May 23, 1901	17.2	b52,800				
1902	Dec. 30, 1901	25.0	b88,600	1931	Nov. 17, 1930	14.4	30,900
1903	Feb. 9, 1903	20.1	b66,100				
1904	Aug. 9, 1904	12.6	b29,300	1932	Feb. 22, 1932	14.2	29,200
1905	Jan. 13, 1905	12.6	b29,300				
				1933	Dec. 17, 1932	16.1	35,200
1906	Mar. 20, 1906	18.9	51,800		Dec. 30, 1932	21.7	58,600
1907	Mar. 3, 1907	12.5	30,500		Feb. 21, 1933	15.7	31,900
1908	Apr. 26, 1908	16.0	40,800		Mar. 20, 1933	15.1	29,800
1909	Mar. 13, 1909	19.0	51,500				
1910	May 25, 1910	11.3	23,100	1934	Mar. 5, 1934	16.5	34,700
					June 5, 1934	14.9	29,200
1911	Apr. 10, 1911	10.5	20,700				
1912	Mar. 16, 1912	22.9	73,400	1935	Oct. 12, 1934	15.2	30,200
1913	Mar. 15, 1913	18.6	46,900				
1914	Apr. 17, 1914	9.6	18,500	1936	Jan. 3, 1936	19.3	47,200
1915	Dec. 6, 1914	12.1	25,000		Jan. 9, 1936	17.7	40,200
					Jan. 20, 1936	16.6	35,900
1916	July 10, 1916	22.1	64,500		Feb. 5, 1936	20.7	54,700
1917	Mar. 28, 1917	19.6	51,400		Apr. 8, 1936	22.9	75,400
1918	Jan. 12, 1918	16.3	b34,800				
1919	Dec. 23, 1918	21.0	b63,700	1937	Dec. 20, 1936	14.0	28,500
1920	Dec. 10, 1919	30.0	134,000		Jan. 6, 1937	18.4	49,900
					Jan. 20, 1937	14.2	29,300
1921	Feb. 10, 1921	19.3	53,000		Apr. 9, 1937	14.8	31,700
1922	Mar. 11, 1922	19.6	54,800		May 1, 1937	15.0	32,500
1923	Feb. 14, 1923	16.7	39,400				
1924	Apr. 19, 1924	12.6	25,400	1938	Apr. 2, 1938	18.2	50,100
1925	Jan. 19, 1925	24.6	90,300		Apr. 9, 1938	20.2	63,900
1926	Apr. 1, 1926	13.7	28,500	1939	Mar. 1, 1939	17.6	45,500
					Mar. 30, 1939	16.8	40,700
1927	Feb. 14, 1927	12.2	24,100				
				1940	Mar. 14, 1940	13.5	26,400
1928	Apr. 23, 1928	14.3	30,500		July 10, 1940	14.1	28,600
	May 23, 1928	12.8	25,800				
				1941	July 17, 1941	9.1	13,800
1929	Mar. 1, 1929	20.1	53,800				
	Mar. 5, 1929	22.6	67,500	1942	Mar. 22, 1942	20.2	64,200

a From floodmark from U.S. Weather Bureau.
b Maximum daily discharge.

Peak stages and discharges of Chattahoochee River at West Point, Ga.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1943	Dec. 30, 1942	13.6	26,000	1951	Apr. 23, 1951	10.7	16,800
	Jan. 19, 1943	17.9	47,400				
	Mar. 22, 1943	20.2	64,200	1952	Dec. 22, 1951	17.4	37,600
					Mar. 5, 1952	18.7	43,200
1944	Mar. 23, 1944	14.8	30,900		Mar. 15, 1952	16.2	32,800
	Mar. 30, 1944	15.9	36,000		Mar. 27, 1952	15.4	29,900
	Apr. 13, 1944	13.7	26,400				
	Apr. 27, 1944	17.7	46,200	1953	Jan. 10, 1953	14.2	26,100
					Feb. 25, 1953	14.1	25,800
1945	Apr. 25, 1945	20.4	65,700		May 1, 1953	14.0	25,500
1946	Dec. 26, 1945	14.6	30,000	1954	Jan. 20, 1954	14.1	25,800
	Jan. 8, 1946	17.7	46,200				
	Jan. 12, 1946	19.6	59,700	1955	Feb. 8, 1955	13.5	24,000
	Feb. 14, 1946	15.3	33,200				
	Feb. 20, 1946	13.5	25,700	1956	Mar. 17, 1956	18.2	40,900
	Mar. 29, 1946	16.3	38,000				
				1957	Apr. 6, 1957	19.5	46,800
1947	Jan. 21, 1947	19.6	47,200				
	Mar. 7, 1947	14.6	27,300	1958	Feb. 7, 1958	16.5	34,000
					Apr. 16, 1958	14.5	27,000
1948	Feb. 10, 1948	15.8	31,600				
	Mar. 24, 1948	16.0	32,000	1959	June 2, 1959	14.5	27,000
	Apr. 2, 1948	13.9	25,200				
	July 12, 1948	16.2	32,800	1960	Feb. 1, 1960	14.8	27,900
					Mar. 30, 1960	14.8	27,900
1949	Nov. 24, 1948	15.2	29,200		Apr. 4, 1960	15.1	28,800
	Nov. 29, 1948	22.4	61,900				
	Jan. 10, 1949	14.8	27,900	1961	Feb. 26, 1961	24.9	94,400
	Apr. 30, 1949	18.0	40,000		Apr. 1, 1961	17.2	36,800
1950	Mar. 16, 1950	10.4	16,000				

3405. Mountain Creek near Hamilton, Ga.

Location.--Lat 32°44', long 85°04', on right bank 300 ft upstream from bridge on State Highway 103, 5 miles upstream from mouth, and 11 miles west of Hamilton, Harris County.

Drainage area.--61.7 sq mi.

Gage.--Nonrecording prior to Sept. 9, 1950; recording thereafter. Prior to June 13, 1958, at site 300 ft downstream at datum 3.00 ft lower. Altitude of gage is 550 ft (by barometer).

Stage-discharge relation.--Defined by current-meter measurements below 7,000 cfs and extended above on basis of slope-conveyance studies.

Bankfull stage.--4 ft.

Remarks.--Base for partial-duration series, 1,000 cfs. Only annual peaks are shown prior to 1948.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1944	Apr. 27, 1944	7.5	4,380	1954	Dec. 5, 1953	5.8	2,340
1945	May 13, 1945	5.2	1,810				
1946	Jan. 7, 1946	7.3	4,120	1955	Apr. 14, 1955	3.50	630
1947	Apr. 2, 1947	5.6	2,180				
				1956	Mar. 16, 1956	4.03	955
1948	Mar. 7, 1948	4.6	1,310				
	Apr. 1, 1948	4.2	1,030	1957	Dec. 24, 1956	4.7	1,460
	July 11, 1948	16.6	11,800		Apr. 5, 1957	6.1	2,580
1949	Nov. 27, 1948	12.1	7,490	1958	Nov. 19, 1957	4.72	1,100
	Apr. 29, 1949	7.4	3,600				
	July 18, 1949	4.3	1,140	1959	Feb. 4, 1959	2.55	515
1950	Mar. 28, 1950	3.82	780	1960	Apr. 4, 1960	4.18	1,840
1951	Apr. 23, 1951	3.14	462	1961	Feb. 20, 1961	3.92	1,570
					Feb. 25, 1961	6.80	5,200
1952	Mar. 5, 1952	4.2	1,060		Apr. 1, 1961	4.73	2,420
	Mar. 25, 1952	4.4	1,220				
1953	May 1, 1953	3.97	899				

3407.5. Osanippa Creek near Fairfax, Ala.

Location.--In NW¼ sec.25, T.21 N., R.28 E., on right bank 1,000 ft downstream from bridge on U.S. Highway 29 and 1 mile southwest of Fairfax.

Drainage area.--101 sq mi.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined below 5,300 cfs by three current-meter measurements, and extended above by logarithmic plotting.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1953	May 1, 1953	7.8	3,500	1958	Feb. 6, 1958	5.8	1,800
1954	Dec. 5, 1953	7.3	3,100	1959	Mar. 22, 1959	8.4	4,100
1955	Apr. 14, 1955	5.2	1,400	1960	Apr. 3, 1960	10.2	5,800
1956	Sept.26, 1956	11.7	7,100	1961	Feb. 25, 1961	16.08	12,800
1957	Dec. 24, 1956	9.7	5,300				

3415. Chattahoochee River at Columbus, Ga.

Location.--Lat 32°27'45", long 84°59'45", on downstream side of center pier of Central of Georgia Railway bridge at Columbus, Muscogee County, half a mile downstream from Eagle and Phenix Dam, 1¼ miles downstream from City Mills Dam, 2.6 miles downstream from North Highlands Dam, 17½ miles downstream from Bartletts Ferry Dam, and at mile 159.9.

Drainage area.--4,670 sq mi, approximately.

Gage.--Recording. Datum of gage is 185.14 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 140,000 cfs and extended above by computation of flow over North Highlands Dam. Laboratory rating to 198,000 cfs obtained for North Highlands Dam. Stage-discharge relation affected by backwater.

Bankfull stage.--20 ft.

Historical data.--The record of major floods prior to the establishment of the gaging station in August 1929 is unusually well established through records of the U.S. Weather Bureau, marks on river-front factories, and old issues of the Columbus Enquirer dating back to 1827. The flood of March 1841 was said at that time to be the highest since the town was established in 1827.

Remarks.--Flow partly regulated by Bartletts Ferry Reservoir (Lake Harding) completed in 1926 (usable capacity, 136,000 acre-ft); drainage area above dam, 4,200 sq mi. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1841	Mar. 11, 1841	43	113,000	1934	Mar. 5, 1934	27.6	49,200
				1935	Mar. 6, 1935	22.3	36,100
1886	Apr. 1, 1886	48.5	154,000				
				1936	Apr. 9, 1936	38.2	84,700
1913	Mar. 15, 1913	42.0	107,000	1937	Jan. 6, 1937	30.5	55,000
				1938	Apr. 9, 1938	37.6	81,700
1916	July 1916	41.9	106,000	1939	Mar. 30, 1939	a30.8	59,000
				1940	July 10, 1940	a23.6	40,900
1920	Dec. 10, 1919	50.6	172,000				
				1941	Aug. 15, 1941	a11.6	16,700
1925	Jan. 19, 1925	46.0	133,000	1942	Mar. 22, 1942	a37.2	82,500
				1943	Mar. 21, 1943	a41.0	102,000
1929	Mar. 15, 1929	a53.2	198,000	1944	Mar. 23, 1944	34.1	72,400
1930	Oct. 1, 1929	24.1	42,000	1945	Apr. 26, 1945	33.2	68,800
1931	Nov. 17, 1930	26.6	46,000	1946	Jan. 7, 1946	31.5	62,600
1932	Feb. 22, 1932	22.3	36,000	1947	Jan. 21, 1947	28.9	54,100
1933	Dec. 30, 1932	31.1	58,800	1948	July 11, 1948	36.6	81,900

a Occurred at different time than peak discharge.

Peak stages and discharges of Chattahoochee River at Columbus, Ga.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1949	Nov. 28, 1948	a42.4	104,000	1956	Mar. 17, 1956	28.0	51,700
1950	Mar. 17, 1950	12.3	16,200	1957	Apr. 6, 1957	a34.0	74,600
				1958	Feb. 7, 1958	23.9	41,500
1951	Apr. 23, 1951	16.0	24,100	1959	June 2, 1959	a23.9	35,500
1952	Mar. 5, 1952	30.2	57,800	1960	Apr. 5, 1960	a29.9	59,100
1953	May 2, 1953	25.1	44,400				
1954	Dec. 4, 1953	23.2	39,800	1961	Feb. 26, 1961	a47.8	145,000
1955	Apr. 15, 1955	19.0	30,300				

a Occurred at different time than peak discharge.

3421.5. Uchee Creek near Seale, Ala.

Location.--In SW¼ sec.7, T.16 N., R.29 E., at bridge on county road, 5½ miles north of Seale.

Drainage area.--134 sq mi.

Gage.--Crest-stage gage.

Stage-discharge relation.--Not defined.

Remarks.--Only annual peak stages are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Mar. 20, 1951	5.92	-	1957	Apr. 5, 1957	11.0	
1952	Mar. 25, 1952	10.9	-	1958	Mar. 8, 1958	13.1	-
1953	May 1, 1953	10.4	-	1959	June 2, 1959	9.9	-
1954	Dec. 5, 1953	10.4	-	1960	Apr. 3, 1960	10.8	-
1955	July 12, 1955	9.9	-				
				1961	Feb. 25, 1961	11.29	-
1956	Mar. 17, 1956	9.0	-				

3425. Uchee Creek near Fort Mitchell, Ala.

Location.--Lat 32°18'00", long 85°00'55", in SW¼ sec.3, T.15 N., R.30 E., near center of channel on downstream side of bridge on State Highway 165, 2 miles south of Fort Mitchell, 4.8 miles downstream from Little Uchee Creek, and 5.3 miles upstream from mouth.

Drainage area.--325 sq mi.

Gage.--Recording. Prior to Sept. 1, 1953, 1,000 ft upstream at same datum. Datum of gage is 201.76 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--6 ft.

Remarks.--Base for partial-duration series, 3,000 cfs. Only annual peaks are shown prior to 1954.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1947	Apr. 3, 1947	14.73	10,300	1955	July 12, 1955	7.5	5,310
1948	July 11, 1948	17.31	13,000				
1949	Nov. 27, 1948	23.20	20,600	1956	Mar. 17, 1956	7.54	4,680
1950	Mar. 7, 1950	7.9	4,270				
				1957	Dec. 24, 1956	12.6	9,940
1951	Apr. 23, 1951	4.95	1,860		Apr. 6, 1957	15.1	11,600
1952	Mar. 25, 1952	16.35	11,900		May 4, 1957	5.6	3,420
1953	May 1, 1953	13.65	9,290				
				1958	Nov. 20, 1957	13.7	10,600
1954	Dec. 5, 1953	12.4	9,740		Feb. 7, 1958	5.8	3,660
	Mar. 14, 1954	6.1	3,960		Feb. 28, 1958	6.2	3,980
					Mar. 8, 1958	22.0	21,100
1955	Feb. 7, 1955	4.9	3,000		Apr. 16, 1958	5.4	3,340

Peak stages and discharges of Uchee Creek near Fort Mitchell, Ala.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1959	Mar. 6, 1959	-	ab3,200	1961	Feb. 20, 1961	-	(a)
					Feb. 25, 1961	17.36	14,800
1960	Jan. 4, 1960	-	(a)		Apr. 1, 1961	-	(a)
	Jan. 19, 1960	-	(a)		Apr. 28, 1961	5.60	3,330
	Feb. 23, 1960	5.3	3,090		July 14, 1961	5.70	3,420
	Mar. 31, 1960	-	(a)				
	Apr. 3, 1960	12.5	9,400				

a Maximum stage and discharge unknown.
b Maximum daily mean discharge.

3430. Barbour Creek near Eufaula, Ala.

Location.--Lat 31°52', long 85°09', in E½ sec.7, T.10 N., R.29 E., or downstream side of pier of bridge on U.S. Highway 431, 2 miles south of Eufaula and 3 miles upstream from mouth.

Drainage area.--93.3 sq mi.

Gage.--Recording. Datum of gage is 143.07 ft above mean sea level, datum of 1929, supplementary adjustment of 1943.

Stage-discharge relation.--Defined by current-meter measurements below 4,000 cfs and extended above by logarithmic plotting.

Remarks.--Base for partial-duration series, 2,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1954	Dec. 4, 1953	12.00	2,830	1957	Dec. 24, 1956	11.3	2,590
	Dec. 6, 1953	15.18	4,010		Apr. 5, 1957	16.9	4,720
					May 4, 1957	15.6	4,180
1955	Feb. 6, 1955	11.17	2,560				
	Apr. 14, 1955	10.2	2,220	1958	Feb. 27, 1958	7.12	1,290
1956	Sept.25, 1956	20.22	6,250				

3432. Pataula Creek near Lumpkin, Ga.

Location.--Lat 31°56', long 84°48', on downstream side of highway bridge on U.S. Highway 27, 1.3 miles upstream from Brier Creek and 8 miles south of Lumpkin, Stewart County.

Drainage area.--70 sq mi, approximately.

Gage.--Crest-stage gage prior to June 21, 1958; recording thereafter.

Stage-discharge relation.--Defined by current-meter measurements below 1,200 cfs and extended to 2,200 cfs by logarithmic plotting.

Remarks.--Base for partial-duration series, 500 cfs. Only annual peaks are shown prior to 1959.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950	Sept. 1, 1950	5.50	1,390	1959	Feb. 4, 1959	5.20	1,050
					Mar. 6, 1959	4.80	700
1951	Apr. 1, 1951	3.29	270		Apr. 13, 1959	5.10	950
1952	Feb. 15, 1952	4.62	675		May 21, 1959	4.63	581
1953	May 3, 1953	6.99	-				
1954	Dec. 5, 1953	4.87	800	1960	Feb. 11, 1960	5.90	1,940
1955	Apr. 14, 1955	4.37	582		Feb. 13, 1960	4.89	772
					Apr. 4, 1960	5.86	1,870
1956	Sept.25, 1956	5.65	1,560				
1957	Apr. 7, 1957	5.26	1,120	1961	Apr. 1, 1961	6.12	2,220
1958	June 20, 1958	4.50	502		Apr. 12, 1961	5.58	1,490

3432.25. Pataula Creek near Georgetown, Ga.

Location.--Lat 31°49', long 84°58', at bridge on U.S. Highway 82 (State Highway 50), about 11 miles east of Georgetown, Quitman County.

Drainage area.--295 sq mi.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 5,100 cfs and extended above by logarithmic plotting.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Dec. 29, 1950	4.38	1,730	1957	Apr. 7, 1957	5.27	2,950
1952	February 1952	4.29	1,620	1958	Feb. 28, 1958	4.00	1,320
1953	May 3, 1953	8.02	9,200	1959	Feb. 6, 1959	4.54	1,840
1954	Dec. 8, 1953	4.73	2,080	1960	Apr. 3, 1960	5.15	2,720
1955	Feb. 7, 1955	5.80	3,730	1961	Apr. 12, 1961	5.40	3,100
1956	Sept.25, 1956	5.63	3,400				

3432.75. Abbie Creek near Abbeville, Ala.

Location.--In SW¼ sec.23, T.7 N., R.28 E., at bridge on State Highway 10, 2½ miles east of Abbeville.

Drainage area.--46.7 sq mi.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 1,200 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	-	9.1	(a)	1957	Apr. 6, 1957	6.9	1,970
1952	Feb. 16, 1952	6.0	830	1958	Apr. 10, 1958	5.5	500
1953	May 4, 1953	10.3	(a)	1959	Feb. 5, 1959	6.3	1,100
1954	Dec. 6, 1953	6.5	1,300	1960	Apr. 5, 1960	6.3	1,100
1955	Apr. 13, 1955	5.1	330	1961	Mar. 31, 1961	6.13	1,020
1956	Sept.25, 1956	7.4	(a)				

a Discharge not determined.

3435. Chattahoochee River at Columbia, Ala.

Location.--Lat 31°17', long 85°07', in T.4 N., R.29 E., on downstream side of pier of bridge on State Highway 52, a quarter of a mile downstream from Central of Georgia Railway bridge, half a mile upstream from Omussee Creek, half a mile east of Columbia, and at mile 48.9.

Drainage area.--8,040 sq mi, approximately.

Gage.--Recording. Datum of gage is 72.23 ft above mean sea level, datum of 1929, supplementary adjustment of 1943 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 115,000 cfs and extended above on basis of slope-conveyance study at 203,000 cfs.

Bankfull stage.--45 ft.

Historical data.--In 1949 Mr. Will Armstrong stated that the flood of 1929 was the highest during the 80 years he had lived in Columbia. Mr. Armstrong stated that his father, who was also a native of Columbia, told him of a great flood on the local creek (Omussee Creek) during Lincoln's administration, but never mentioned a great flood on the river.

Remarks.--Base for partial-duration series, 47,000 cfs.

Peak stages and discharges of Chattahoochee River at Columbia, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	Mar. 2, 1929	48.1	125,000	1945	Apr. 28, 1945	35.6	59,600
	Mar. 8, 1929	50.9	150,000				
	Mar. 18, 1929	56.0	203,000	1946	Dec. 28, 1945	31.4	48,200
					Jan. 10, 1946	37.7	65,900
1930	Oct. 2, 1929	45.6	105,000		Mar. 30, 1946	39.8	72,600
					May 22, 1946	33.2	52,800
1931	Nov. 18, 1930	38.9	69,300				
				1947	Jan. 23, 1947	35.1	58,100
1932	Feb. 24, 1932	28.2	42,100		Mar. 9, 1947	35.7	59,900
					Apr. 4, 1947	31.7	48,900
1933	Jan. 2, 1933	35.2	58,500				
	Feb. 22, 1933	31.9	50,200	1948	Feb. 11, 1948	34.8	57,200
	Mar. 22, 1933	37.2	63,800		Mar. 9, 1948	34.6	56,700
					Apr. 3, 1948	32.4	48,000
1934	Mar. 6, 1934	36.0	63,200		July 14, 1948	43.3	81,200
1935	Mar. 8, 1935	30.6	49,100	1949	Dec. 1, 1948	49.3	111,000
					Feb. 12, 1949	33.8	51,500
1936	Jan. 7, 1936	37.7	67,400		May 2, 1949	42.0	76,000
	Jan. 20, 1936	45.3	94,500				
	Feb. 8, 1936	43.2	84,800	1950	Mar. 7, 1950	22.2	28,300
	Feb. 15, 1936	32.0	49,700				
	Apr. 12, 1936	46.6	102,000	1951	Apr. 24, 1951	22.5	28,800
1937	Jan. 8, 1937	34.2	55,500	1952	Mar. 7, 1952	37.6	61,800
	Mar. 22, 1937	34.8	57,200		Mar. 26, 1952	40.7	71,100
	Apr. 7, 1937	31.3	48,000				
	May 2, 1937	33.9	54,700	1953	May 4, 1953	45.8	92,000
1938	Apr. 5, 1938	33.2	52,800	1954	Dec. 7, 1953	36.1	57,300
	Apr. 11, 1938	44.7	91,500				
				1955	Apr. 16, 1955	28.0	39,500
1939	Mar. 3, 1939	41.3	77,600				
	Apr. 2, 1939	34.4	56,100	1956	Mar. 19, 1956	33.7	51,200
1940	Feb. 19, 1940	32.6	51,200	1957	Dec. 26, 1956	35.2	55,000
					Apr. 8, 1957	41.5	74,000
1941	Mar. 9, 1941	16.0	18,400				
				1958	Feb. 9, 1958	30.3	48,500
1942	Dec. 27, 1941	31.8	49,200		Mar. 10, 1958	39.4	74,900
	Mar. 24, 1942	42.3	81,300				
				1959	June 4, 1959	31.7	51,700
1943	Jan. 20, 1943	46.3	101,000				
	Mar. 24, 1943	49.5	119,000	1960	Apr. 5, 1960	44.2	84,800
1944	Mar. 25, 1944	45.8	97,000	1961	Mar. 1, 1961	47.9	110,000
	Mar. 31, 1944	43.3	85,200		Apr. 3, 1961	41.0	77,000
	Apr. 20, 1944	33.9	54,700				
	Apr. 29, 1944	45.6	96,000				

3440. Chattahoochee River at Alaga, Ala.

Location.--Lat 31°07', long 85°03', in NE¼ sec.29, T.2 N., R.30 E., at bridge on U.S. Highway 84, half a mile downstream from Atlantic Coast Line Railroad bridge, half a mile south of Alaga, and at mile 34.4.

Drainage area.--8,340 sq mi, approximately.

Gage.--Nonrecording. Prior to October 1936, at site half a mile upstream at datum 2.45 ft higher. Datum of gage is 62.72 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers).

Stage-discharge relation.--Defined at present site by current-meter measurements below 115,000 cfs. Defined at former site by 4 discharge measurements made during period 1908-11, stage relation between sites, and discharge records at Columbia.

Bankfull stage.--32 ft.

Remarks.--Gage-height record 1905-36 furnished by U.S. Weather Bureau. Only annual peaks are shown.

Peak stages and discharges of Chattahoochee River at Alaga, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1905	Feb. 14, 1905	34.0	67,100	1925	Jan. 21, 1925	44.5	173,000
1906	Mar. 23, 1906	29.7	51,400	1926	Apr. 2, 1926	34.0	67,100
1907	Oct. 21, 1906	26.8	44,300	1927	Feb. 17, 1927	18.7	28,300
1908	Apr. 30, 1908	38.2	92,000	1928	Apr. 24, 1928	39.6	104,000
1909	Mar. 16, 1909	35.3	73,500	1929	Mar. 18, 1929	46.0	207,000
1910	Apr. 19, 1910	27.6	46,100	1930	Oct. 3, 1929	39.1	105,000
1911	Jan. 6, 1911	18.5	27,900	1931	Nov. 19, 1930	34.9	74,600
1912	Apr. 23, 1912	38.9	97,600	1932	Feb. 24, 1932	25.4	44,300
1913	Mar. 18, 1913	40.2	110,000	1933	Mar. 22, 1933	33.2	68,500
1914	Apr. 17, 1914	14.8	21,400	1934	Mar. 7, 1934	33.5	64,500
1915	July 5, 1915	26.5	43,700	1935	Mar. 9, 1935	28.6	50,100
1916	July 9, 1916	44.0	162,000	1936	Apr. 12, 1936	40.5	104,000
1917	Mar. 7, 1917	36.9	82,900				
1918	Oct. 1, 1917	27.0	44,800	1939	Mar. 3, 1939	37.3	74,500
1919	Dec. 25, 1918	40.8	116,000	1940	Feb. 19, 1940	30.4	48,400
1920	Dec. 14, 1919	40.7	115,000				
				1941	Mar. 9, 1941	14.5	18,000
1921	Feb. 13, 1921	31.9	58,300	1942	Mar. 25, 1942	38.3	80,300
1922	Mar. 10, 1922	37.6	87,800	1943	Mar. 24, 1943	42.2	112,000
1923	Mar. 20, 1923	34.6	70,000	1944	Apr. 30, 1944	40.1	92,800
1924	Jan. 26, 1924	27.0	44,800				

3445. Flint River near Griffin, Ga.

Location.--Lat 33°14', long 84°26', near left bank on downstream side of bridge on State Highway 16, 1½ miles downstream from Shoal Creek, 5½ miles upstream from Line Creek, 10 miles west of Griffin, Spalding County, and at mile 304.4.

Drainage area.--272 sq mi.

Gage.--Nonrecording prior to May 6, 1941; recording thereafter. Prior to Aug. 25, 1938, at datum 3.00 ft higher. Datum of gage is 711.44 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers). All gage readings converted to present datum.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--9 ft.

Remarks.--Base for partial-duration series, 2,000 cfs. Only annual peaks are shown prior to 1943.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	Mar. 14, 1929	a17.9	15,300	1948	Nov. 14, 1947	11.3	2,800
					Feb. 10, 1948	12.1	3,780
1938	Apr. 3, 1938	13.0	5,200		Mar. 8, 1948	11.1	2,580
1939	Feb. 28, 1939	12.0	3,650		Mar. 25, 1948	12.0	3,650
1940	July 12, 1940	10.6	2,080		May 31, 1948	12.4	4,170
					July 11, 1948	12.0	3,650
1941	Mar. 28, 1941	9.0	1,040		July 16, 1948	12.2	3,910
1942	Mar. 22, 1942	17.0	13,000				
				1949	Nov. 27, 1948	18.0	13,200
1943	Jan. 19, 1943	13.8	6,310		Apr. 30, 1949	13.0	4,730
	Mar. 18, 1943	10.7	2,240				
	Mar. 21, 1943	13.7	6,140	1950	Feb. 11, 1950	8.97	875
	Apr. 21, 1943	10.9	2,430		Mar. 14, 1950	8.73	875
1944	Feb. 20, 1944	11.0	2,470	1951	Apr. 23, 1951	8.78	920
	Mar. 23, 1944	12.4	4,170				
	Mar. 29, 1944	11.8	3,390	1952	Dec. 23, 1951	11.8	3,390
	July 3, 1944	11.4	2,910		Mar. 4, 1952	13.9	6,480
					Mar. 11, 1952	10.8	2,270
1945	Feb. 13, 1945	12.3	4,030		Mar. 25, 1952	12.2	3,910
	Apr. 25, 1945	14.6	7,750				
				1953	May 1, 1953	11.55	2,860
1946	Dec. 26, 1945	11.5	3,060				
	Jan. 7, 1946	15.4	9,350	1954	Dec. 7, 1953	11.14	2,640
	Mar. 29, 1946	10.9	2,430		Dec. 14, 1953	10.59	2,070
	June 2, 1946	10.7	2,240				
				1955	Apr. 14, 1955	10.66	2,370
947	Jan. 21, 1947	12.7	4,590				
	Mar. 8, 1947	13.3	5,490	1956	Mar. 18, 1956	12.66	4,590
	Apr. 16, 1947	10.7	2,170		Apr. 16, 1956	10.98	2,470

a From floodmark located by local resident; referred to present datum.

Peak stages and discharges of Flint River near Griffin, Ga.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1956	Sept.26, 1956	12.16	3,150	1960	Feb. 2, 1960	11.41	2,910
					Mar. 31, 1960	12.4	4,170
1957	Dec. 24, 1956	12.2	3,910		Apr. 4, 1960	12.8	4,730
	Apr. 5, 1957	13.2	5,330				
				1961	Feb. 26, 1961	16.18	11,100
1958	Nov. 23, 1957	10.55	2,020		Mar. 31, 1961	13.10	5,180
	Feb. 7, 1958	12.8	4,730		June 23, 1961	11.36	2,860
					Aug. 25, 1961	11.31	2,800
1959	June 2, 1959	13.1	5,180				
	June 6, 1959	10.59	2,070				

3450. Flint River near Molena, Ga.

Location.--Lat 32°59', long 84°32', near right bank at downstream end of pier of bridge on State Highway 18, 500 ft downstream from Southern Railway bridge, half a mile downstream from Pappys Creek, 1⅞ miles upstream from Elkins Creek, 2 miles southwest of Molena, Pike County, and at mile 278.1.

Drainage area.--990 sq mi, approximately.

Gage.--Nonrecording prior to December 1945; recording thereafter. Datum of gage is 646.78 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--14 ft.

Remarks.--Records 1939-43 furnished by Corps of Engineers. Base for partial-duration series, 7,500 cfs. Only annual peaks are shown prior to 1948.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Mar. 31, 1939	18.9	16,400	1949	May 1, 1949	15.6	11,600
1940	July 11, 1940	12.6	7,680		July 17, 1949	14.6	10,300
1941	Mar. 28, 1941	8.0	2,300	1950	Mar. 6, 1950	9.67	4,140
1942	Mar. 23, 1942	23.3	24,500				
1943	Jan. 20, 1943	19.3	17,100	1951	Apr. 23, 1951	9.28	3,780
1946	Jan. 8, 1946	21.7	21,800	1952	Dec. 23, 1951	12.5	7,550
1947	Mar. 8, 1947	18.8	16,200		Mar. 5, 1952	19.5	17,400
					Mar. 13, 1952	12.6	7,680
1948	Feb. 11, 1948	15.0	10,800		Mar. 25, 1952	15.8	11,900
	Mar. 8, 1948	14.7	10,400				
	Mar. 26, 1948	13.4	8,850	1953	May 1, 1953	14.9	10,700
	July 11, 1948	24.7	28,400		May 4, 1953	14.2	9,760
1949	Nov. 27, 1948	25.9	31,100				

3455. Flint River near Woodbury, Ga.

Location.--Lat 32°59'05", long 84°32'00", on downstream side of Macon & Birmingham Railroad bridge (abandoned), a quarter of a mile downstream from Elkins Creek, a third of a mile upstream from Cane Creek, 3 miles east of Woodbury, Meriwether County, and at mile 276.1.

Drainage area.--1,090 sq mi, approximately.

Gage.--Nonrecording. Prior to May 24, 1918, at site 300 ft upstream. Datum of gage is 649 ft above mean sea level (from Corps of Engineers low-water profile).

Stage-discharge relation.--Defined by current-meter measurements below 20,000 cfs.

Remarks.--Stage records 1921-27 from U.S. Weather Bureau. Only annual maximum daily discharges are shown except as indicated.

Peak stages and discharges of Flint River near Woodbury, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1900	June 24, 1900	9.0	15,800	1914	Apr. 15, 1914	a5.3	6,770
				1915	Dec. 5, 1914	7.2	10,700
1901	May 23, 1901	10.0	18,200				
1902	Feb. 28, 1902	14.0	30,200	1916	July 10, 1916	a13.0	26,100
1903	Feb. 8, 1903	13.0	25,800	1917	Mar. 5, 1917	a10.1	18,100
1904	Aug. 8, 1904	8.7	15,000	1918	Jan. 31, 1918	6.0	8,320
1905	Feb. 14, 1905	6.3	9,100	1919	Dec. 24, 1918	a10.5	19,100
				1920	Dec. 11, 1919	a17.1	38,400
1906	Mar. 21, 1906	7.8	12,800				
1907	Feb. 7, 1907	5.0	6,520	1921	Feb. 11, 1921	10.0	17,800
1908	Apr. 27, 1908	9.2	16,200	1922	Mar. 11, 1922	12.2	23,900
1909	Mar. 13, 1909	10.4	19,200	1923	Mar. 13, 1923	a10.0	17,800
1910	Mar. 1, Apr. 18, 1910	6.0	8,450	1924	Jan. 17, 1924	5.6	7,530
				1925	Jan. 19, 1925	16.7	37,200
1911	Aug. 3, 1911	4.6	5,820				
1912	Mar. 16, 1912	13.0	26,300	1926	Apr. 1, 1926	7.9	12,600
1913	Mar. 15, 1913	a16.2	35,300	1927	Mar. 11, 1927	5.0	6,400

a Maximum observed.

3465. Potato Creek near Thomaston, Ga.

Location.--Lat 32°54'15", long 84°21'45", on right bank 300 ft downstream from State Highway 74, 600 ft downstream from Basin Creek, 1,000 ft downstream from Central of Georgia Railway bridge, 1 mile downstream from Ten Mile Creek, and 2½ miles northwest of Thomaston, Upson County.

Drainage area.--186 sq mi.

Gage.--Nonrecording prior to July 23, 1938; recording thereafter. Prior to July 23, 1938, at site 300 ft upstream. Altitude of gage is 600 ft (by barometer).

Stage-discharge relation.--Defined by current-meter measurements below 4,000 cfs and extended above by logarithmic plotting.

Bankfull stage.--6 ft.

Remarks.--Base for partial-duration series, 1,700 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	Apr. 8, 1938	6.85	a4,640	1948	Nov. 11, 1947	5.29	1,960
					Feb. 9, 1948	5.62	2,400
1939	Feb. 28, 1939	6.47	4,000		Mar. 8, 1948	5.51	2,320
	Mar. 31, 1939	6.10	3,330		Apr. 2, 1948	5.34	2,030
					Apr. 8, 1948	5.14	1,740
1940	Jan. 14, 1940	5.19	1,750				
	Feb. 19, 1940	5.17	1,720	1949	Nov. 27, 1948	8.80	9,240
					Apr. 29, 1949	5.30	7,030
1941	July 13, 1941	4.97	1,450				
				1950	Mar. 7, 1950	4.89	1,500
1942	Dec. 25, 1941	6.35	3,670				
	Feb. 17, 1942	5.21	1,710	1951	Apr. 24, 1951	4.51	997
	Mar. 22, 1942	7.46	6,030				
				1952	Mar. 5, 1952	7.30	5,810
1943	Jan. 20, 1943	6.72	4,340		Mar. 11, 1952	5.70	2,590
	Mar. 19, 1943	5.96	2,960		Mar. 24, 1952	6.43	3,950
	Mar. 22, 1943	6.90	4,740				
				1953	Apr. 10, 1953	5.20	1,900
1944	Jan. 16, 1944	5.97	2,960		Apr. 30, 1953	6.65	4,240
	Mar. 20, 1944	7.63	6,380		May 4, 1953	6.06	3,140
	Mar. 23, 1944	7.19	5,370		July 18, 1953	6.23	3,490
	Mar. 29, 1944	7.14	5,260		Sept. 28, 1953	5.95	2,980
	Apr. 28, 1944	6.18	3,400				
	July 3, 1944	5.40	2,100	1954	Dec. 6, 1953	5.59	2,300
1945	Apr. 26, 1945	6.03	3,140	1955	Apr. 15, 1955	4.95	1,580
1946	Dec. 25, 1945	5.88	2,880	1956	Feb. 28, 1956	5.72	2,590
	Jan. 8, 1946	6.32	3,580		Mar. 16, 1956	5.19	1,900
					Sept. 27, 1956	5.33	2,100
1947	Jan. 13, 1947	5.34	2,030				
	Jan. 20, 1947	5.82	2,720	1957	Dec. 25, 1956	6.05	3,140
	Mar. 8, 1947	6.85	4,640		Mar. 25, 1957	5.30	2,030

a Annual peak only.

Peak stages and discharges of Potato Creek near Thomaston, Ga.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1957	Apr. 6, 1957	6.35	3,670	1960	Jan. 31, 1960	5.57	2,370
	May 12, 1957	5.03	1,770		Mar. 30, 1960	5.95	2,980
					Apr. 5, 1960	5.65	2,520
1958	Nov. 19, 1957	7.16	5,260				
	Feb. 8, 1958	5.45	2,230	1961	Feb. 20, 1961	6.00	3,060
	Mar. 9, 1958	5.30	1,960		Feb. 25, 1961	8.50	8,450
					Mar. 7, 1961	5.77	2,660
1959	June 2, 1959	7.25	5,480		Apr. 2, 1961	6.52	3,950

3475. Flint River near Culloden, Ga.

Location.--Lat 32°43', long 84°13', on left bank underneath bridge on U.S. Highway 19, 4 miles upstream from Auchumpkee Creek, 5 miles downstream from Swift Creek, 13 miles southwest of Culloden, Monroe County, and at mile 238.4.

Drainage area.--1,850 sq mi, approximately.

Gage.--Nonrecording prior to Oct. 12, 1918; recording Oct. 12, 1918, to May 31, 1923; nonrecording July 21, 1928, to May 3, 1939; recording thereafter. Prior to July 21, 1928, at site 2½ miles downstream at different datum. Datum of gage is 334.54 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--18 ft.

Remarks.--Base for partial-duration series 11,000 cfs. Only annual peaks are shown prior to 1920 and for periods 1929-31, and 1937-38.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1913	Mar. 16, 1913	30.5	59,000	1937	Mar. 20, 1937	19.1	22,200
1914	Apr. 15, 1914	7.3	7,290	1938	Apr. 9, 1938	26.6	37,500
1915	Jan. 18, 1915	12.0	13,900				
				1939	Mar. 1, 1939	23.5	29,200
1916	July 9, 1916	33.3	69,200		Aug. 18, 1939	14.7	11,800
1917	Mar. 5, 1917	20.7	30,200				
1918	Jan. 31, 1918	10.1	11,000	1940	Feb. 18, 19, 1940	15.0	12,300
1919	Feb. 25, 1919	26.5	45,500				
				1941	Dec. 28, 1940	8.4	4,940
1920	Dec. 11, 1919	27.6	49,100				
	Jan. 26, 1920	11.6	13,300	1942	Dec. 24, 1941	21.1	22,400
	Feb. 4, 1920	14.0	17,000		Feb. 17, 1942	16.1	13,500
	Mar. 13, 1920	14.2	17,400		Mar. 22, 1942	27.8	37,200
	Mar. 18, 1920	26.2	44,900				
	Mar. 30, 1920	18.2	25,000	1943	Jan. 19, 1943	-	a36,000
	Apr. 2, 1920	15.2	19,200		Jan. 28, 1943	14.5	11,600
	Apr. 27, 1920	10.2	11,100		Mar. 18, 1943	22.2	24,600
	May 4, 1920	17.0	22,600		Mar. 22, 1943	29.6	43,100
	May 14, 1920	15.2	19,200				
	July 19, 1920	10.3	11,200	1944	Mar. 20, 1944	31.3	49,800
					Mar. 23, 1944	28.6	39,600
1921	Feb. 11, 1921	19.3	27,200		Mar. 29, 1944	27.6	36,600
					Apr. 27, 1944	21.4	23,000
1922	Feb. 5, 1922	14.9	18,600				
	Feb. 16, 1922	12.6	14,800	1945	Feb. 20, 1945	15.7	13,300
	Mar. 7, 1922	26.2	44,900		Apr. 27, 1945	21.8	23,800
	Mar. 11, 1922	27.2	47,800				
	Mar. 20, 1922	12.4	14,500	1946	Dec. 25, 1945	20.8	21,800
	June 2, 1922	18.8	26,200		Jan. 8, 1946	23.4	27,000
					Mar. 30, 1946	14.5	11,600
1923	Jan. 24, 1923	12.4	14,500				
	Feb. 16, 1923	11.3	12,800	1947	Jan. 14, 1947	15.1	12,500
	Feb. 27, 1923	15.7	20,100		Jan. 21, 1947	19.9	20,200
	Mar. 14, 1923	15.5	19,800		Mar. 8, 1947	24.1	28,400
	Mar. 19, 1923	20.2	29,100		Apr. 16, 1947	14.7	11,900
	May 5, 1923	11.1	12,500				
	May 26, 1923	10.3	11,200	1948	Nov. 11, 1947	15.1	12,600
					Feb. 10, 1948	18.4	17,600
1929	Mar. 15, 1929	38.4	92,000		Mar. 7, 8, 1948	18.0	17,000
1930	Oct. 2, 1929	25.2	38,900		Mar. 17, 1948	15.5	13,100
1931	Nov. 17, 1930	17.9	18,700		Apr. 2, 1948	14.7	12,100

a Estimated.

Peak stages and discharges of Flint River near Culloden, Ga.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1948	Apr. 7, 1948	16.2	14,100	1955	Apr. 14, 1955	14.1	11,400
	July 12, 1948	23.8	27,800				
				1956	Mar. 17, 1956	17.4	16,000
1949	Nov. 24, 1948	14.6	12,000		Sept.27, 1956	15.9	13,700
	Nov. 28, 1948	34.7	54,900				
	Dec. 30, 1948	14.2	11,500	1957	Dec. 24, 1956	22.3	24,800
	Feb. 10, 1949	15.2	12,800		Mar. 25, 1957	17.6	16,400
	Apr. 30, 1949	20.1	20,600		Apr. 6, 1957	22.9	26,000
	July 18, 1949	17.7	16,500		Aug. 20, 1957	14.4	11,700
1950	Mar. 5, 1950	13.8	11,000	1958	Nov. 19, 1957	20.4	21,100
					Feb. 8, 1958	17.6	16,400
1951	Apr. 23, 1951	12.0	8,940		Mar. 9, 1958	17.4	16,000
1952	Mar. 4, 1952	28.2	37,700	1959	Feb. 5, 1959	13.9	11,100
	Mar. 11, 1952	16.6	14,400		Mar. 6, 1959	13.9	11,100
	Mar. 25, 1952	23.2	26,600		June 2, 1959	26.8	34,400
1953	Feb. 20, 1953	14.0	11,200	1960	Jan. 31, 1960	16.5	14,600
	Feb. 26, 1953	15.5	13,100		Mar.30,31, 1960	21.0	22,200
	May 1, 1953	27.6	35,800		Apr. 5, 1960	20.0	20,400
	July 21, 1953	17.4	15,400				
	Sept.27, 1953	17.5	16,200	1961	Feb. 20, 1961	23.4	27,500
					Feb. 25, 1961	32.8	58,200
1954	Dec. 6, 1953	18.8	18,300		Mar. 7, 1961	15.8	13,600
	Dec. 14, 1953	14.2	11,500		Apr. 1, 1961	24.6	30,800

3490. Whitewater Creek below Rambulette Creek, near Butler, Ga.
(Published as "near Butler" prior to 1952)

Location.--Lat 32°28', long 84°16', on left bank 500 ft downstream from bridge on U.S. Highway 19 at mouth of Rambulette Creek, 6½ miles south of Butler, Taylor County, and 8 miles upstream from Cedar Creek.

Drainage area.--93.4 sq mi. At former site, 80 sq mi.

Gage.--Nonrecording prior to Oct. 10, 1951; recording thereafter. Prior to Oct. 10, 1951, at site 500 ft upstream. Datum of gage is 365.85 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 1,300 cfs. Peak discharge at former site adjusted to present site on basis of high-water discharge measurements made since 1952.

Bankfull stage.--3 ft.

Remarks.--Base for partial-duration series, 350 cfs. Only annual peaks are shown prior to 1948.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1944	Mar. 23, 1944	6.5	1,400	1952	May 30, 1952	3.57	392
1945	Feb. 21, 1945	3.8	350				
				1953	Apr. 11, 1953	4.20	550
1946	Dec. 25, 1945	4.3	460		May 1, 1953	5.54	1,120
1947	May 21, 1947	4.0	400		July 21, 1953	4.22	550
					Sept.20, 1953	4.13	535
1948	Dec. 10, 1947	4.4	485		Sept.27, 1953	4.65	705
	Feb. 10, 1948	3.9	400				
	July 10, 1948	4.6	545	1954	Dec. 4, 1953	4.43	632
					Dec. 7, 1953	4.26	565
1949	Nov. 29, 1948	4.8	610				
	Dec. 30, 1948	4.1	420	1955	Apr. 14, 1955	3.87	452
	Feb. 10, 1949	4.3	460				
	Feb. 20, 1949	4.3	460	1956	Sept.26, 1956	3.82	440
	Apr. 30, 1949	4.6	545				
	June 22, 1949	4.4	485	1957	Dec. 24, 1956	4.55	668
	July 18, 1949	4.0	400		May 4, 1957	7.01	2,160
1950	June 29, 1950	3.5	325	1958	Mar. 8, 1958	4.55	668
1951	Dec. 30, 1950	3.3	300	1959	June 2, 1959	4.32	580
1952	Nov. 15, 1951	3.98	490	1960	Mar. 30, 1960	4.38	615
	Feb. 16, 1952	3.33	355		June 27, 1960	4.06	505
	Mar. 11, 1952	3.36	355				
	Mar. 24, 1952	4.06	503	1961	Feb. 20, 1961	3.84	452

3495. Flint River at Montezuma, Ga.

Location.--Lat 32°18', long 84°03', near left bank on downstream end of pier of bridge on State Highways 26 and 49, 1,000 ft upstream from Central of Georgia Railway bridge, 1,400 ft upstream from Atlanta, Birmingham & Coast Railroad bridge, just upstream from Buck Creek, 1 mile west of Montezuma, Macon County, and at mile 180.8.

Drainage area.--2,900 sq mi, approximately. At site used prior to October 1925, 2,640 sq mi, approximately.

Gage.--Nonrecording prior to Dec. 13, 1941; recording thereafter. Prior to October 1925, at site 1½ miles upstream. Datum of gage is 255.82 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 65,000 cfs and extended above by logarithmic plotting.

Bankfull stage.--9 ft.

Remarks.--Stage records 1897 and 1905-29 from U.S. Weather Bureau. Base for partial-duration series, 13,000 cfs. Only annual peaks are shown prior to 1942.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1897	Mar. 2, 1897	26.0	97,000	1945	Apr. 30, 1945	18.1	23,900
1905	Feb. 15, 1905	17.3	24,500	1946	Dec. 29, 1945	17.8	22,700
					Jan. 11, 1946	18.8	27,000
1906	Jan. 26, 1906	15.0	15,800		Apr. 1, 1946	14.4	13,500
1907	Feb. 8, 1907	13.0	11,000				
1908	Apr. 29, 1908	23.2	66,000	1947	Jan. 24, 1947	17.4	21,200
1909	Mar. 16, 1909	18.7	31,800		Mar. 11, 1947	19.2	29,000
1910	Mar. 4, 1910	15.8	18,400		Apr. 19, 1947	14.6	13,900
1911	Aug. 6, 1911	9.3	6,080	1948	Dec. 19, 1947	14.2	13,100
1912	Mar. 18, 1912	20.6	43,700		Feb. 13, 1948	17.3	20,900
1913	Mar. 18, 1913	22.3	57,400		Mar. 10, 1948	17.0	20,000
1914	Apr. 18, 1914	9.0	5,500		Mar. 20, 1948	14.7	14,100
1915	Jan. 21, 1915	15.0	15,800		Apr. 5, 1948	15.0	14,800
					Apr. 10, 1948	15.2	15,300
1916	July 12, 1916	22.0	54,500		July 15, 1948	16.7	19,200
1917	Mar. 7, 1917	18.2	29,100				
1918	Feb. 4, 1918	13.3	11,600	1949	Nov. 30, 1948	25.2	68,900
1919	Feb. 28, 1919	20.8	45,100		Feb. 13, 1949	15.9	17,000
1920	Dec. 13, 1919	22.2	56,400		May 3, 1949	17.9	22,800
					July 21, 1949	14.5	13,700
1921	Feb. 14, 1921	18.0	28,000				
1922	Mar. 10, 1922	21.2	48,100	1950	Mar. 10, 1950	13.8	12,300
1923	Mar. 22, 1923	18.1	28,600				
1924	Jan. 28, 1924	15.2	16,400	1951	Apr. 27, 1951	11.6	8,700
1925	Jan. 20, 1925	25.0	85,000				
				1952	Mar. 7, 1952	20.7	36,300
1926	Apr. 3, 1926	17.9	22,800		Mar. 15, 1952	15.3	15,500
1927	Mar. 15, 1927	10.9	7,890		Mar. 27, 1952	19.2	28,400
1928	Apr. 26, 1928	21.3	39,900				
1929	Mar. 17, 1929	27.4	92,300	1953	Mar. 1, 1953	15.7	16,500
1930	Oct. 4, 1929	20.3	33,900		May 4, 1953	20.4	34,500
					July 24, 1953	15.2	15,300
1931	Nov. 20, 1930	17.8	23,100		Sept.30, 1953	16.9	18,600
1932	Jan. 11, 1932	14.1	12,600				
1933	Feb. 23, 1933	16.7	19,000	1954	Dec. 9, 1953	17.4	21,200
1934	June 8, 1934	17.7	22,100		Dec. 17, 1953	14.6	13,900
1935	Mar. 17, 1935	13.9	12,400				
				1955	Apr. 18, 1955	14.4	13,500
1936	Apr. 12, 1936	22.8	54,600				
1937	Mar. 23, 1937	17.3	20,900	1956	Mar. 21, 1956	16.1	17,500
1938	Apr. 11, 1938	21.0	42,300				
1939	Mar. 3, 1939	19.8	34,800	1957	Dec. 27, 1956	18.6	25,600
1940	Feb. 22, 1940	15.5	16,000		Mar. 29, 1957	14.9	14,600
					Apr. 9, 1957	18.7	26,000
1941	Mar. 11, 1941	9.3	6,280				
1942	Dec. 27, 1941	18.2	24,300	1958	Nov. 23, 1957	15.0	14,800
	Feb. 21, 1942	15.0	14,800		Feb. 11, 1958	15.8	16,700
	Mar. 25, 1942	21.3	40,800		Mar. 11, 1958	17.6	21,800
1943	Jan. 22, 1943	19.0	28,000	1959	June 5, 1959	19.3	28,900
	Mar. 24, 1943	22.5	48,900				
				1960	Feb. 3, 1960	15.5	16,000
1944	Mar. 25, 1944	22.4	48,200		Apr. 7, 1960	18.5	25,200
	Apr. 1, 1944	21.3	40,800				
	Apr. 30, 1944	18.4	24,300	1961	Feb. 28, 1961	24.0	58,800
					Apr. 4, 1961	19.5	29,900
1945	Feb. 23, 1945	15.5	16,000		Apr. 18, 1961	14.5	13,700

3499. Turkey Creek at Byromville, Ga.

Location.--Lat 32°12', long 83°54', on downstream side of highway bridge on State Highway 90, 0.5 mile southeast of Byromville, Dooly County, and 11 miles upstream from mouth.

Drainage area.--45 sq mi, approximately.

Gage.--Crest-stage gage prior to June 20, 1958; recording thereafter.

Stage-discharge relation.--Defined by current-meter measurements below 1,200 cfs and extended above by logarithmic plotting.

Remarks.--Base for partial-duration series, 200 cfs. Only annual peaks are shown prior to 1959.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Mar. 20, 1951	(a)	<150	1959	Mar. 6, 1959	10.33	751
1952	Mar. 12, 1952	9.79	474		Mar. 16, 1959	8.90	212
1953	May 3, 1953	10.03	560		Mar. 22, 1959	8.90	212
1954	Dec. 14, 1953	10.12	610		Mar. 28, 1959	9.32	297
1955	Apr. 12, 1955	8.65	150				
				1960	Feb. 14, 1960	9.89	492
1956	Mar. 20, 1956	8.83	184		Mar. 4, 1960	8.87	202
1957	May 1957	9.73	447		Apr. 5, 1960	11.49	2,140
1958	Mar. 11, 1958	11.20	1,680				
				1961	Mar. 31, 1961	9.44	327
1959	Feb. 5, 1959	10.08	589		Apr. 13, 1961	10.14	624
	Feb. 9, 1959	10.18	648		Apr. 16, 1961	9.59	373
	Feb. 15, 1959	9.35	304				

a Peak stage did not reach bottom of gage.

3500. Flint River near Vienna, Ga.

Location.--Lat 32°04', long 83°59', at bridge on State Highway 27, 300 ft downstream from Turkey Creek and 12 miles west of Vienna, Dooly County.

Drainage area.--3,390 sq mi, approximately.

Gage.--Nonrecording. Datum of gage is 220.28 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Georgia State Highway Department).

Stage-discharge relation.--Defined by current-meter measurements below 53,000 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1925	January 1925	31.2	89,000	1929	Mar. 18, 1929	30.6	85,500
				1930	Oct. 6, 1929	27.0	36,500
1927	Mar. 16, 1927	13.3	8,490				
1928	Apr. 26, 1928	24.4	45,500	1949	December 1948	28.0	63,000

3505. Flint River at Oakfield, Ga.

Location.--Lat 31°46', long 83°59', on downstream side of center pier of Albany & Northern (formerly Georgia Southwestern & Gulf) Railroad bridge, 1 mile southwest of Oakfield, Worth County, 1 mile upstream from Jones Creek, 9.7 miles downstream from Crisp County Dam, and at mile 125.0.

Drainage area.--3,860 sq mi, approximately.

Gage.--Recording. Datum of gage is 193.29 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 50,000 cfs and extended above by logarithmic plotting.

Bankfull stage.--18 ft.

Remarks.--Regulation by storage in Warwick Reservoir (capacity, 35,000 acre-ft) does not materially affect peak discharges. Only annual peaks are shown.

Peak stages and discharges of Flint River at Oakfield, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1925	Jan. 20, 1925	35.1	90,000	1944	Mar. 25, 1944	27.7	48,800
				1945	May 2, 1945	17.2	21,700
1929	March 1929	34.0	85,000				
				1946	Jan. 14, 1946	19.4	25,600
1931	Nov. 23, 1930	16.3	20,200	1947	Mar. 14, 1947	20.2	27,100
1932	Jan. 14, 1932	11.8	13,200	1948	Apr. 2, 1948	20.5	27,600
1933	Feb. 27, 1933	17.3	21,600	1949	Dec. 3, 1948	30.1	60,500
				1950	Mar. 11, 1950	11.3	12,400
1935	Mar. 20, 1935	11.0	11,800				
				1951	Apr. 28, 1951	12.2	13,700
1936	Apr. 15, 1936	27.2	46,800	1952	Mar. 30, 1952	20.9	28,400
1937	Jan. 11, 1937	15.5	18,700	1953	May 7, 1953	22.5	32,100
1938	Apr. 13, 1938	24.4	37,200	1954	Dec. 12, 1953	17.2	21,700
1939	Mar. 5, 1939	22.9	33,200	1955	Apr. 19, 1955	11.9	13,200
1940	Feb. 24, 1940	18.9	24,300				
				1956	Mar. 23, 1956	14.6	17,400
1941	Mar. 23, 1941	6.7	6,010	1957	Apr. 12, 1957	17.5	22,200
1942	Mar. 27, 1942	25.4	41,400	1958	Mar. 13, 1958	18.6	24,200
1943	Mar. 26, 1943	27.0	44,800				

3506. Kinchafoonee Creek at Preston, Ga.

Location.--Lat 32°03', long 84°33', near right bank at downstream side of bridge on State Highway 41, 1 mile southwest of Preston, Webster County, and 1 mile upstream from Harrel Mill Creek.

Drainage area.--197 sq mi.

Gage.--Recording. Datum of gage is 337.7 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Georgia State Highway Department).

Stage-discharge relation.--Defined by current-meter measurements below 3,800 cfs.

Historical data.--From reliable information obtained from local residents in 1953, the flood of January 1943 is thought to be the highest in the 20th century.

Remarks.--Base for partial-duration series, 900 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1943	January 1943	all.4	-	1957	Apr. 6, 1957	7.52	2,700
					May 5, 1957	8.23	4,320
1952	Feb. 17, 1952	6.26	1,060				
	Mar. 12, 1952	6.34	1,160	1958	Mar. 9, 1958	7.00	1,900
	Mar. 24, 1952	7.44	2,610		July 21, 1958	6.82	1,650
	May 27, 1952	6.63	1,460				
				1959	Feb. 5, 1959	6.98	1,900
1953	Feb. 17, 1953	6.06	900		Feb. 10, 1959	6.58	1,400
	Feb. 27, 1953	6.27	1,060		Mar. 7, 1959	6.68	1,520
	Apr. 14, 1953	6.34	1,160		Mar. 28, 1959	6.34	1,160
	May 4, 1953	8.80	6,000		Apr. 13, 1959	6.33	1,160
	May 20, 1953	6.21	1,020				
	Sept.28, 1953	6.86	1,710	1960	Feb. 14, 1960	6.68	1,520
					Mar. 31, 1960	6.96	1,840
1954	Dec. 7, 1953	7.65	2,980		Apr. 5, 1960	6.82	1,650
	Dec. 15, 1953	6.65	1,460				
	Jan. 1, 1954	6.10	940	1961	Feb. 21, 1961	6.54	1,350
					Feb. 24, 1961	7.17	2,120
1955	Apr. 15, 1955	7.15	2,120		Apr. 1, 1961	8.41	4,700
					Apr. 13, 1961	7.17	2,120
1956	Sept.26, 1956	6.70	1,520		Apr. 28, 1961	6.19	1,020
					May 3, 1961	6.09	940
1957	Dec. 25, 1956	6.58	1,400				

a From Georgia State Highway Department.

3509. Kinchafoonee Creek near Dawson, Ga.

Location.--Lat 31°46', long 84°15', at State Highway 32, 5¼ miles northwest of Leesburg, Lee County.

Drainage area.--527 sq mi.

Gage.--Crest-stage gage. Datum of gage is 211.74 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Georgia State Highway Department).

Stage-discharge relation.--Defined by current-meter measurements below 5,900 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1943	January 1943	a23	-	1955	Apr. 17, 1955	11.8	2,100
1949	June 1949	17.8	5,880	1956	Sept.26, 1956	12.2	2,240
1950	April 1950	11.0	1,860	1957	May 14, 1957	14.3	3,210
				1958	Mar. 11, 1958	14.3	3,210
1951	Apr. 20, 1951	9.03	1,070	1959	Feb. 5, 1959	14.0	3,060
1952	Mar. 28, 1952	13.4	2,760	1960	Apr. 6, 1960	19.4	7,800
1953	May 6, 1953	17.8	5,880				
1954	Dec. 9, 1953	15.0	3,600	1961	Apr. 13, 1961	17.7	5,760

a From information by local residents.

3517. Muckalee Creek near Smithville, Ga.

Location.--Lat 31°54', long 84°12', at State Highway 118, 3 miles east of Smithville, Lee County.

Drainage area.--265 sq mi.

Gage.--Crest-stage gage. Datum of gage is 257.83 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	March 1929	a11.0	-	1956	Feb. 7, 1956	5.34	720
				1957	Apr. 7, 1957	6.00	1,100
1948	April 1948	b14.0	-	1958	Feb. 28, 1958	6.84	1,850
				1959	Feb. 5, 1959	6.68	1,740
1951	Mar. 19, 1951	-	c1,040	1960	Apr. 4, 1960	9.21	5,400
1952	Nov. 16, 1951	6.98	2,100				
1953	Sept.28, 1953	7.01	2,100	1961	Apr. 13, 1961	7.95	3,220
1954	Dec. 15, 1953	6.76	1,850				
1955	Apr. 15, 1955	6.79	1,850				

a From information by local resident.
b From Georgia State Highway Department.
c Estimated.

3518. Muckaloochee Creek at Smithville, Ga.

Location.--Lat 31°54', long 84°15', at State Highway 118 at Smithville, Lee County.

Drainage area.--47 sq mi, approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 1,100 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges of Muckaloochee Creek at Smithville, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1943	January 1943	a10.8	-	1955	Apr. 15, 1955	3.15	252
1948	April 1948	a5.2	1,500	1956	May 6, 1956	2.60	162
				1957	Apr. 6, 1957	3.54	316
1950	July 8, 1950	3.61	340	1958	Feb. 27, 1958	3.92	424
				1959	Feb. 5, 1959	3.59	340
1951	Apr. 20, 1951	(b)	<160	1960	Apr. 4, 1960	5.86	2,670
1952	Feb. 17, 1952	3.32	270				
1953	May 4, 1953	4.64	860	1961	Apr. 12, 1961	4.52	730
1954	Dec. 14, 1953	3.94	424				

a From information by local residents.
b Peak stage did not reach bottom of gage.

3519. Muckalee Creek near Leesburg, Ga.

Location.--Lat 31°44', long 84°07', at State Highway 32, 2¾ miles east of Leesburg, Lee County.

Drainage area.--405 sq mi.

Gage.--Crest-stage gage. Datum of gage is 206.88 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Georgia State Highway Department).

Stage-discharge relation.--Defined by current-meter measurements below 4,800 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1948	April 1948	a19.7	-	1956	Mar. 22, 1956	7.91	1,040
				1957	Apr. 10, 1957	10.0	1,650
1951	Mar. 30, 1951	7.78	1,020	1958	Mar. 2, 1958	11.7	2,450
1952	Feb. 17, 1952	10.5	1,860	1959	Feb. 5, 1959	11.4	2,300
1953	May 8, 1953	10.8	2,000	1960	Apr. 6, 1960	14.77	5,860
1954	Dec. 16, 1953	11.5	2,350				
1955	Apr. 16, 1955	10.1	1,690	1961	Apr. 13, 1961	12.52	3,300

a Approximate stage, from information by local residents.

3525. Flint River at Albany, Ga.

Location.--Lat 31°36', long 84°09', on right bank at downstream side of Georgia Northern Railway bridge in Albany, Dougherty County, and at mile 103.4.

Drainage area.--5,310 sq mi, approximately.

Gage.--Nonrecording prior to Sept. 3, 1929; recording thereafter. Prior to Sept. 3, 1929, at site 1 mile downstream at datum 2.0 ft lower. Datum of gage is 150.03 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 57,000 cfs at former site, and below 63,000 cfs at present site.

Bankfull stage.--23 ft.

Remarks.--Stage records for periods 1893-1901, and 1922-29 furnished by U.S. Weather Bureau. Capacity of powerplant reservoirs upstream is insufficient to materially affect peak discharges. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1893	Aug. 21, 1893	14.1	18,900	1901	Sept.22, 1901	26.0	41,000
1894	Feb. 20, 1894	18.7	25,600	1902	Mar. 7, 1902	22.9	33,300
1895	Mar. 20, 1895	25.8	40,500	1903	Feb. 17, 1903	25.0	38,400
				1904	Feb. 13, 1904	19.2	27,400
1896	Feb. 13, 1896	16.8	22,700	1905	Feb. 17, 1905	25.3	39,200
1897	Mar. 25, 1897	32.4	72,800				
1898	Sept. 2, 1898	18.0	24,500	1906	Jan. 27, 1906	18.1	25,100
1899	Feb. 15, 1899	22.6	32,600	1907	Feb. 11, 1907	11.1	14,600
1900	Feb. 18, 1900	29.8	55,900	1908	May 3, 1908	28.0	47,800

Peak stages and discharges of Flint River at Albany, Ga.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1909	Mar. 20, 1909	22.4	32,500	1936	Apr. 15, 1936	29.0	52,300
1910	Apr. 24, 1910	12.7	17,000	1937	Mar. 27, 1937	16.0	20,600
				1938	Apr. 14, 1938	25.8	39,800
1911	Jan. 10, 1911	7.8	10,400	1939	Mar.5,6, 1939	25.6	39,200
1912	Apr. 24, 1912	30.1	57,300	1940	Feb. 19, 1940	19.9	26,300
1913	Mar. 21, 1913	30.3	58,300				
1914	Mar. 3-6, 1914	9.0	11,900	1941	Mar.24-26,1941	8.0	8,890
1915	Jan. 25, 1915	16.6	22,800	1942	Mar. 27, 1942	26.7	43,200
				1943	Jan. 22, 1943	31.6	64,800
1916	July 15, 1916	27.4	45,500	1944	Mar. 26, 1944	31.2	62,800
1917	Mar. 11, 1917	20.8	28,900	1945	May 2, 1945	18.5	24,200
1918	Feb.8,9, 1918	12.3	17,100				
1919	Mar. 3, 1919	27.8	47,200	1946	Jan. 14, 1946	21.2	28,600
1920	Apr. 5, 1920	26.2	41,600	1947	Mar. 14, 1947	23.4	33,200
				1948	Apr. 2, 1948	27.5	45,800
1921	Feb. 18, 1921	17.3	23,400	1949	Dec. 4, 1948	31.5	64,300
1922	Mar. 16, 1922	26.8	43,300	1950	Mar. 12, 1950	11.5	14,500
1923	Mar. 25, 1923	22.8	33,000				
1924	Apr. 19, 1924	14.4	19,400	1951	Apr. 28, 1951	12.7	16,000
1925	Jan. 21, 1925	a37.8	92,000	1952	Mar. 30, 1952	23.0	32,200
				1953	May 8, 1953	26.3	41,400
1926	Apr. 7, 1926	19.4	26,600	1954	Dec. 12, 1953	20.2	26,800
1927	Mar. 17, 1927	9.8	13,000	1955	Apr. 19, 1955	13.4	17,200
1928	Apr. 24, 1928	29.4	58,100				
1929	Mar. 20, 1929	34.4	78,800	1956	Mar. 23, 1956	15.2	19,600
1930	Oct. 4, 1929	25.1	37,100	1957	Apr. 12, 1957	19.4	25,500
				1958	Mar. 14, 1958	22.1	30,300
1931	Nov. 21, 1930	19.2	25,000	1959	June 8, 1959	20.5	27,400
1932	Jan. 14, 1932	13.5	16,400	1960	Apr. 7, 1960	30.8	57,000
1933	Feb. 27, 1933	18.6	23,800				
1934	Mar. 12, 1934	17.3	21,700	1961	Mar. 3, 1961	29.0	48,000
1935	Mar. 19, 1935	11.7	14,700				

a Present site and datum.

3530. Flint River at Newton, Ga.

Location.--Lat 31°18', long 84°20', on downstream side of pier of bridge on State Highway 37 at Newton, Baker County, 1 mile downstream from Cooleewahee Creek and at mile 72.4.

Drainage area.--5,740 sq mi, approximately.

Gage.--Nonrecording prior to Nov. 12, 1956; recording thereafter. Datum of gage is 110.20 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 57,000 cfs and extended above by logarithmic plotting.

Bankfull stage.--24 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1925	Jan. 21, 1925	41.3	94,000	1950	Mar. 13, 1950	13.2	13,200
1938	Apr. 15, 1938	25.6	40,000	1951	Apr. 29, 1951	14.0	14,600
1939	Mar. 7, 1939	25.7	40,200	1952	Mar. 31, 1952	23.3	30,400
1940	Feb. 22, 1940	19.2	25,400	1953	May 10, 1953	25.7	40,000
				1954	Dec. 12, 1953	19.7	25,200
1941	Mar.24-27, 1941	10.4	8,940	1955	Apr. 20, 1955	14.5	15,600
1942	Mar. 30, 1942	26.8	43,000				
1943	Mar. 27, 1943	29.6	51,100	1957	Apr. 13, 1957	19.2	24,200
1944	Mar. 28, 1944	31.7	59,600	1958	Mar. 15, 1958	22.2	30,100
1945	May 3, 1945	18.2	23,400	1959	June 9, 1959	19.3	24,400
				1960	Apr. 8, 1960	30.9	52,400
1946	Jan. 16, 1946	21.0	29,200				
1947	Mar. 15, 1947	22.5	32,600	1961	Mar. 4, 1961	27.7	45,700

3532. Nochaway Creek near Shellman, Ga.

Location.--Lat 31°47', long 84°36', at State Highway 41, 1½ miles north of Shellman, Randolph County.

Drainage area.--52 sq mi, approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 560 cfs. Stage-discharge relation unstable.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Apr. 1, 1951	4.04	544	1957	Apr. 6, 1957	4.02	450
1952	Feb. 15, 1952	4.32	502	1958	Feb. 27, 1958	4.02	450
1953	May 3, 1953	6.91	-	1959	May 21, 1959	4.84	818
1954	Dec. 8, 1953	4.17	449	1960	Apr. 3, 1960	4.98	872
1955	April 1955	3.30	282				
				1961	Apr. 12, 1961	3.52	320
1956	September 1956	3.40	300				

3534. Pachitla Creek near Edison, Ga.

Location.--Lat 31°33', long 84°41', on downstream side of bridge on State Highway 37, 2.2 miles upstream from Neals Creek, 3.6 miles east of Edison, Calhoun County, and 8.5 miles upstream from mouth.

Drainage area.--188 sq mi.

Gage.--Crest-stage gage prior to June 9, 1959; recording thereafter. Prior to June 9, 1959, at site 200 ft downstream. Datum of gage is 212.64 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 2,500 cfs and extended above by logarithmic plotting.

Remarks.--Base for partial-duration series, 1,100 cfs. Only annual peaks are shown prior to 1960.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950	Sept. 1, 1950	7.37	2,700	1959	Mar. 7, 1959	7.19	2,280
1951	Apr. 1, 1951	6.30	1,130	1960	Feb. 14, 1960	6.48	1,310
1952	Feb. 14, 1952	6.74	1,650		Mar. 4, 1960	6.31	1,130
1953	Sept.30, 1953	6.63	1,510		Apr. 5, 1960	9.19	8,500
1954	Dec. 27, 1953	7.02	2,060				
1955	Apr. 17, 1955	6.28	1,110	1961	Apr. 1, 1961	8.97	7,300
					Apr. 13, 1961	6.82	1,730
1956	Feb. 18, 1956	7.01	2,040		Apr. 16, 1961	7.42	2,700
1957	Apr. 7, 1957	7.27	2,500		May 26, 1961	6.51	1,340
1958	Mar. 9, 1958	6.82	1,760				

3535. Ichawaynochaway Creek at Milford, Ga.

Location.--Lat 31°22', long 84°32', on downstream end of left bank pier of bridge on county road at Milford, Baker County, 2¼ miles upstream from from Alligator Creek, and 5½ miles upstream from Chickasawhatchee Creek.

Drainage area.--620 sq mi, approximately.

Gage.--Nonrecording prior to Nov. 12, 1942; recording thereafter. Aug. 29, 1905, to Dec. 31, 1907, at several sites within 450 ft of present site at various datums. Oct. 1, 1939, to Dec. 4, 1952, at site 100 ft downstream. Datum of gage is 150.3 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 10,000 cfs and extended above by logarithmic plotting.

Bankfull stage.--7 ft.

Remarks.--Base for partial-duration series, 3,000 cfs. Only annual peaks are shown prior to 1941.

Peak stages and discharges of Ichawaynochaway Creek at Milford, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1906	June 14, 1906	12.8	8,780	1948	July 12, 1948	12.3	8,230
1907	Sept.30, 1907	13.8	7,400				
				1949	Oct. 6, 1948	8.50	4,460
1916	July 1916	a17.2	15,500		Nov. 30, 1948	7.27	3,720
					Dec. 9, 1948	11.8	7,680
1940	Feb. 20, 1940	12.8	9,000		Dec. 22, 1948	7.15	3,660
					Jan. 1, 1949	8.23	4,250
1941	Nov. 17, 1940	4.16	1,940		Jan. 9, 1949	8.18	4,250
					Feb. 12, 1949	6.59	3,330
1942	Dec. 27, 1941	6.77	3,260		May 3, 1949	7.22	3,660
	Jan. 6, 1942	7.59	3,800				
	Mar. 23, 1942	7.87	4,010	1950	Sept. 3, 1950	4.76	2,360
	Aug. 8, 1942	7.15	3,520				
				1951	Apr. 2, 1951	3.7	1,770
1943	Jan. 21, 1943	13.9	10,100				
	Mar. 8, 1943	7.12	3,450	1952	Feb. 19, 1952	5.4	2,510
1944	Mar. 9, 1944	8.65	4,570	1953	May 8, 1953	7.6	3,800
	Mar. 26, 1944	11.2	7,020				
	Mar. 31, 1944	7.10	3,450	1954	Dec. 16, 1953	7.9	4,010
	Apr. 17, 1944	13.0	9,000		Dec. 25, 1953	6.9	3,320
	Apr. 30, 1944	10.9	6,700		Jan. 2, 1954	7.9	4,010
1945	Sept.17, 1945	4.23	1,940	1955	Apr. 17, 1955	3.4	1,540
1946	Dec. 28, 1945	-	b3,200	1956	Feb. 18, 1956	6.4	3,020
	Feb. 22, 1946	6.39	3,020				
	Mar. 31, 1946	9.68	5,530	1957	Apr. 8, 1957	7.0	3,380
	Apr. 28, 1946	6.63	3,140				
	May 22, 1946	7.54	3,730	1958	Mar. 2, 1958	7.0	3,380
	June 4, 1946	9.22	5,080		Mar. 10, 1958	7.6	3,800
	July 24, 1946	-	b3,300		Apr. 12, 1958	8.0	4,090
1947	Mar. 10, 1947	-	b8,200	1959	Mar. 8, 1959	8.2	4,250
	Apr. 18, 1947	9.85	5,620				
	May 24, 1947	8.10	4,170	1960	Feb. 16, 1960	6.4	3,020
					Apr. 6, 1960	13.8	9,960
1948	Dec. 14, 1947	6.97	3,550				
	Mar. 8, 1948	10.3	6,100	1961	Apr. 3, 1961	9.4	5,260
	Mar. 18, 1948	7.25	3,660		Apr. 17, 1961	12.0	7,900
	Apr. 3, 1948	11.1	6,910				

a From information by local residents.
b Estimated.

3545. Chickasawhatchee Creek at Elmodel, Ga.

Location.--Lat 31°22', long 84°28', at bridge on State Highway 37 at Elmodel, Baker County, and 2 miles upstream from mouth.

Drainage area.--320 sq mi, approximately.

Gage.--Nonrecording prior to Oct. 30, 1941; recording Oct. 30, 1941, to Dec. 31, 1949; crest-stage gage after Sept. 25, 1951.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--5 ft.

Remarks.--Base for partial-duration series, 1,000 cfs. Only annual peaks are shown for 1940, and subsequent to 1949.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1940	Feb. 21, 1940	11.5	3,180	1944	May 1, 1944	9.8	2,240
1941	Mar. 26, 1941	4.88	608	1945	Sept.20, 1945	5.32	724
1942	Jan. 8, 1942	9.1	1,920	1946	Dec. 31, 1945	8.5	1,660
	Feb. 22, 1942	8.6	1,700		Jan. 21, 1946	8.2	1,540
	Mar. 9, 1942	7.8	1,400		Feb. 25, 1946	7.1	1,150
	Mar. 25, 1942	9.0	1,870		Apr. 2, 1946	9.4	2,050
					May 24, 1946	10.0	2,340
1943	Mar. 11, 1943	8.0	1,460		June 6, 1946	7.05	1,120
	Mar. 26, 1943	6.7	1,030		July 24, 1946	8.09	1,500
1944	Mar. 12, 1944	9.9	2,290	1947	Mar. 12, 1947	10.2	2,450
	Mar. 27, 1944	10.9	2,820		Mar. 19, 1947	7.65	1,320
	Apr20,22, 1944	11.6	3,240		Apr. 20, 1947	8.61	1,700

Peak stages and discharges of Chickasawhatchee Creek at Elmodel, Ga.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1948	Nov. 29, 1947	7.7	1,380	1952	Feb. 19, 1952	6.75	1,120
	Dec. 17, 1947	10.1	2,400	1953	May 8, 1953	6.98	1,170
	Jan. 31, 1948	7.05	1,200	1954	Dec. 30, 1953	8.87	1,830
	Mar. 10, 1948	11.9	3,630	1955	Apr. 17, 1955	-	a670
	Apr. 4, 1948	11.9	3,630				
				1956	Apr. 2, 1956	6.27	965
1949	Oct. 8, 1948	8.56	1,710	1957	Apr. 8, 1957	6.53	1,040
	Dec. 3, 1948	7.54	1,320	1958	Apr. 10, 1958	9.56	2,140
	Dec. 11, 1948	10.6	2,700	1959	Mar. 7, 1959	8.91	1,830
	Jan. 3, 1949	8.10	1,510	1960	Apr. 6, 1960	11.8	3,550
	Feb.11,12,1949	7.52	1,320				
	May 6, 1949	7.45	1,290	1961	Apr. 17, 1961	10.7	2,760

a Estimated.

3550. Ichawaynochaway Creek near Newton, Ga.

Location.--Lat 31°17', long 84°27', 300 ft upstream from Barnett Bridge on State Highway 200, 4½ miles downstream from Chickasawhatchee Creek, and 9 miles southwest of Newton, Baker County.

Drainage area.--1,020 sq mi, approximately.

Gage.--Nonrecording prior to Nov. 24, 1941; recording thereafter. Prior to Sept. 21, 1939, at site 5 miles downstream at different datum. Datum of gage is 113.8 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Georgia State Highway Department).

Stage-discharge relation.--Defined by current-meter measurements below 10,000 cfs and extended by logarithmic plotting.

Bankfull stage.--7 ft.

Remarks.--Base for partial-duration series, 2,100 cfs. Only annual peaks are shown prior to 1942.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1916	July 1916	a35.0	26,000	1945	Feb. 17, 1945	4.52	2,130
					Apr. 29, 1945	4.50	2,130
1925	January 1925	a30.0	21,000		May 17, 1945	4.86	2,350
					Sept.18, 1945	4.88	2,350
1938	Nov. 15, 1937	6.2	2,450				
1939	Mar. 3, 1939	17.4	8,800	1946	Dec. 30, 1945	9.28	4,670
1940	Feb. 20, 1940	18.1	10,200		Jan. 20, 1946	8.15	4,120
					Feb. 10, 1946	4.79	2,300
1941	Mar.12,25, 1941	4.4	2,080		Mar. 21, 1946	5.39	2,630
					Apr. 1, 1946	13.7	7,100
1942	Dec. 28, 1941	7.18	3,610		Apr. 29, 1946	7.50	3,770
	Jan. 6, 1942	10.4	5,220		May 24, 1946	11.8	5,990
	Feb. 21, 1942	8.13	4,070		June 4, 1946	10.8	5,440
	Mar. 11, 1942	7.32	3,670		July 24, 1946	9.77	4,920
	Mar. 23, 1942	10.7	5,380		Aug. 9, 1946	6.26	3,130
	Apr. 13, 1942	4.57	2,190		Sept. 1, 1946	4.71	2,240
	Aug. 9, 1942	7.58	3,820				
				1947	Jan. 18, 1947	4.64	2,190
1943	Jan. 22, 1943	17.4	9,650		Mar. 10, 1947	17.5	9,720
	Mar. 9, 1943	9.08	4,570		Apr. 5, 1947	5.91	2,910
	Mar. 25, 1943	7.84	3,920		Apr. 18, 1947	13.1	6,740
					May 24, 1947	8.38	4,220
1944	Mar. 9, 1944	12.3	6,260		June 26, 1947	6.70	3,350
	Mar. 26, 1944	17.4	9,650		Aug. 17, 1947	4.95	2,410
	Apr. 18, 1944	18.3	10,300				
	Apr. 30, 1944	15.7	8,440				

a At present site and datum, based on information furnished by local residents.

3560. Flint River at Bainbridge, Ga.

Location.--Lat 30°55', long 84°34', at Decatur County Memorial Bridge on U.S. Highway 84, in Bainbridge, Decatur County, a quarter of a mile downstream from Atlantic Coast Line Railroad bridge, at mile 29.0, and 29.2 miles upstream from Jim Woodruff Dam.

Drainage area.--7,570 sq mi, approximately.

Gage.--Nonrecording prior to Jan. 16, 1929; recording thereafter. Prior to Jan. 24, 1925, at datum 0.3 ft higher. Since Jan. 15, 1957, auxiliary water-stage recorder at site 6.4 miles upstream. Datum of gage is 58.06 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined for period 1928-61 by current-meter measurements below 70,000 cfs and extended above on basis of slope-conveyance studies. Prior to 1928, stage-discharge relation defined by seven current-meter measurements made 1908-12, stage relation with gage at Albany, and present stage-discharge relation. The change in stage-discharge relation of about 3 ft from 1908 to 1928 is due either to a gradual shift in the channel or an unknown change in datum. Stage-discharge relation affected by backwater from Jim Woodruff Reservoir since 1955.

Bankfull stage.--18 ft.

Remarks.--Stage records for 1897, 1905-7, and 1915-28 from U.S. Weather Bureau. Base for partial-duration series, 15,000 cfs. Supplemental peaks are shown for period 1929-54 only.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1897	Mar. 26, 1897	34.6	83,000	1933	Feb. 16, 1933	17.3	18,900
					Mar. 1, 1933	20.8	25,900
1905	Feb. 19, 1905	23.6	40,000		Mar. 28, 1933	19.0	22,100
					Apr. 20, 1933	15.2	15,200
1906	Jan. 27, 1906	19.2	28,000				
1907	Apr. 19, 1907	11.1	13,200	1934	Mar. 9, 1934	17.7	19,600
1908	May 6, 1908	27.1	47,600		Mar. 13, 1934	18.4	20,900
1909	Mar. 26, 1909	22.1	33,600				
1910	Mar. 11, 1910	14.6	17,900	1935	Mar. 15, 1935	14.5	14,200
1911	Jan. 11, 1911	8.7	9,060	1936	Jan. 14, 1936	20.7	23,500
1912	Apr. 26, 1912	33.5	72,800		Jan. 23, 1936	25.2	32,800
1913	Mar. 23, 1913	31.4	63,500		Feb. 13, 1936	25.3	33,000
1914	Mar. 6, 1914	12.7	14,200		Apr. 17, 1936	30.9	51,700
1915	Jan. 26, 1915	18.2	23,700		Aug. 6, 1936	17.2	16,900
1916	July 13, 1916	28.7	51,000	1937	Jan. 15, 1937	17.1	17,500
1917	Mar. 13, 1917	20.9	29,200		Feb. 2, 1937	17.2	17,200
1918	Feb. 10, 1918	13.4	14,300		Mar. 2, 1937	18.1	18,200
1919	Mar. 5, 1919	29.5	52,400		Mar. 28, 1937	20.2	21,900
1920	Mar. 8, 1920	27.7	46,000		Apr. 10-11, 1937	21.8	25,000
					May 8, 1937	19.1	19,900
1921	Feb. 19, 1921	16.5	19,000				
1922	Mar. 18, 1922	26.6	41,800	1938	Apr. 16, 1938	26.4	36,200
1923	Mar. 27, 1923	22.7	31,400				
1924	Apr. 20, 1924	18.5	22,100	1939	Mar. 7, 1939	27.7	40,700
1925	Jan. 24, 1925	40.9	101,000		Apr. 3, 1939	18.8	20,500
					Apr. 10, 1939	18.9	20,700
1926	Apr. 8, 1926	23.0	31,200		Aug. 28, 1939	15.4	15,100
1927	Mar. 16, 1927	12.3	11,200				
1928	Apr. 27, 1928	32.5	59,400	1940	Feb. 22, 1940	24.0	30,000
					Mar. 18, 1940	15.6	15,100
1929	Jan. 20, 1929	16.3	17,100		Apr. 9, 1940	15.7	15,300
	Mar. 21, 1929	37.7	83,200		July 16, 1940	17.7	18,300
	May 4, 1929	18.5	21,100		July 22, 1940	18.0	18,800
1930	Oct. 9, 1929	25.0	35,500	1941	Mar. 26-27, 1941	12.0	11,000
	Jan. 27, 1930	15.1	15,100				
	Feb. 7, 1930	19.4	22,900	1942	Jan. 6, 1942	24.5	31,200
	Feb. 21, 1930	15.2	15,200		Feb. 24, 1942	20.5	23,100
	Mar. 10, 1930	16.1	16,700		Mar. 10, 1942	20.4	22,900
	Mar. 26, 1930	17.0	18,300		Mar. 31, 1942	27.9	40,700
	Apr. 11, 1930	19.3	22,700		Apr. 15, 1942	17.0	16,200
	Apr. 22, 1930	15.8	16,200				
				1943	Jan. 25, 1943	29.0	44,400
1931	Nov. 22-23, 1930	22.0	28,500		Mar. 10, 1943	19.2	20,900
	May 9, 1931	16.1	16,700		Mar. 28, 1943	30.5	50,100
					Apr. 27, 1943	16.8	17,300
1932	Jan. 15, 1932	16.0	16,500				
				1944	Mar. 9, 1944	19.4	21,200
1933	Jan. 5, 1933	17.2	18,700		Mar. 29, 1944	32.6	58,800

Peak stages and discharges of Flint River at Bainbridge, Ga.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1944	Apr. 22, 1944	28.8	43,700	1949	Jan. 10, 1949	22.8	27,400
	May 2, 1944	29.3	45,500		Feb. 17, 1949	22.2	26,200
					May 7, 1949	22.9	27,600
1945	Feb. 27, 1945	18.1	19,200		July 24, 1949	17.7	18,400
	May 3, 1945	19.8	21,900		Aug. 6, 1949	16.2	16,200
	May 19, 1945	15.5	15,500				
				1950	Mar. 13, 1950	14.3	13,500
1946	Jan. 2, 1946	22.4	26,600				
	Jan. 17, 1946	23.6	29,100	1951	Apr. 29, 1951	13.8	12,800
	Feb. 11, 1946	17.7	18,600				
	Feb. 26, 1946	19.1	20,800	1952	Feb. 21, 1952	16.7	17,600
	Mar. 20, 1946	18.3	19,500		Mar. 15, 1952	23.6	30,000
	Apr. 2, 1946	23.9	29,800		Apr. 1, 1952	24.0	31,000
	Apr. 29, 1946	16.3	16,600				
	May 25, 1946	20.7	23,500	1953	Mar.5,6, 1953	19.0	20,500
	June 6, 1946	19.1	20,800		Apr. 17, 1953	17.8	18,600
					May 11, 1953	27.0	37,900
1947	Jan. 28, 1947	19.7	21,700		July 28, 1953	17.0	17,400
	Mar. 16, 1947	25.0	32,400				
	Apr. 8, 1947	17.5	18,200	1954	Oct. 3, 1953	19.2	20,800
	Apr. 19, 1947	23.8	29,600		Dec. 14, 1953	21.3	24,500
	May 5, 1947	16.1	16,000		Jan. 3, 1954	21.2	24,400
1948	Nov. 27, 1947	19.2	20,800	1955	Apr. 21, 1955	16.3	16,300
	Dec. 19, 1947	23.8	29,600				
	Feb. 3, 1948	18.7	20,000	1956	Mar. 24, 1956	17.7	18,400
	Feb. 18, 1948	23.2	28,200	1957	Apr. 14, 1957	23.3	26,100
	Mar. 15, 1948	29.1	44,800	1958	Mar. 15, 1958	25.4	34,400
	Apr. 5, 1948	33.2	61,500	1959	Mar. 10, 1959	23.4	26,800
	July 19, 1948	19.9	21,400	1960	Apr. 9, 1960	30.2	59,600
1949	Dec. 7, 1948	30.9	51,700	1961	Mar. 6, 1961	26.8	44,100
	Dec. 23, 1948	21.1	24,200				

3561. Spring Creek near Arlington, Ga.

Location.--Lat 31°25', long 84°47', at State Highway 62, 3½ miles southwest of Arlington, Early County.

Drainage area.--49 sq mi, approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 2,500 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Apr. 1, 1951	6.85	560	1957	April 1957	7.41	1,170
1952	Feb. 17, 1952	6.89	592	1958	Apr. 14, 1958	7.53	1,340
1953	Mar. 15, 1953	6.79	512	1959	Mar. 8, 1959	7.82	1,790
1954	Jan. 3, 1954	7.15	860	1960	Apr. 5, 1960	8.47	3,120
1955	Apr. 19, 1955	6.31	214				
				1961	Apr. 16, 1961	8.25	2,650
1956	Feb. 6, 1956	6.74	472				

3570. Spring Creek near Iron City, Ga.

Location.--Lat 31°03', long 84°43', on right bank 125 ft downstream from highway bridge, 1½ miles downstream from Aycock Creek, 1½ miles upstream from Dry Creek, 5 miles north of Brinson, and 5½ miles northeast of Iron City, Seminole County.

Drainage area.--485 sq mi.

Gage.--Nonrecording prior to Oct. 18, 1952; recording thereafter. Prior to Oct. 18, 1952, at site 125 ft upstream. Datum of gage is 85.7 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 8,000 cfs and extended above by logarithmic plotting.

Bankfull stage.--7 ft.

Remarks.--Base for partial-duration series, 2,000 cfs. Only annual peaks are shown prior to 1948.

Peak stages and discharges of Spring Creek near Iron City, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	Nov. 16, 1937	13.4	3,160	1952	Feb. 19, 1952	12.4	2,310
1939	Mar. 2, 1939	16.0	5,300				
1940	Feb. 20, 1940	17.3	7,080	1953	May 10, 1953	10.6	1,460
1941	Mar. 26,27, 1941	7.74	812	1954	Dec. 27, 1953	12.7	2,460
1942	Mar. 24, 1942	14.4	3,780		Jan. 3, 1954	12.7	2,460
1943	Mar. 10, 1943	13.0	2,810				
1944	Mar. 9, 1944	17.4	7,240	1955	Aug. 1, 1955	7.0	632
1945	Apr. 30, May 1, 1945	11.0	1,840	1956	Mar. 18, 1956	10.2	1,390
1946	Mar. 30, 1946	16.5	5,900	1957	Apr. 10, 1957	11.9	2,060
1947	Mar. 10, 1947	17.6	7,900				
				1958	Oct. 3, 1957	15.1	4,250
1948	Nov. 25, 1947	14.7	3,700		Mar. 2, 1958	12.0	2,110
	Dec. 16, 1947	14.8	3,820		Mar. 12, 1958	13.7	3,040
	Mar. 8, 1948	17.9	8,440		Apr. 13, 1958	14.4	3,580
	Apr. 2, 1948	19.9	12,600				
				1959	Mar. 9, 1959	15.7	4,940
1949	Oct. 7, 1948	14.0	3,250		Mar. 18,19, 1959	14.1	3,330
	Dec. 10, 1948	17.7	8,080		Apr. 3,4, 1959	13.7	3,040
	Jan. 2, 1949	12.9	2,560				
	Feb. 10, 1949	13.4	2,860	1960	Feb. 17, 1960	12.8	2,510
					Apr. 6,7, 1960	17.8	8,260
1950	Apr. 2, 1950	9.3	1,120				
				1961	Apr. 18, 1961	17.6	7,900
1951	Apr. 5, 1951	6.6	563		May 28,29, 1961	13.7	3,040

3580. Apalachicola River at Chattahoochee, Fla.
(Published as "near River Junction" prior to 1940)

Location.--Lat 30°42'03", long 84°51'33", in sec.32, T.4 N., R.6 W., Jackson County, on downstream side of right main pier of bridge on U.S. Highway 90, 0.6 mile downstream from Jim Woodruff Dam, 0.6 mile upstream from Mosquito Creek, and 1 mile west of Chattahoochee, Gadsden County.

Drainage area.--17,100 sq mi, approximately.

Gage.--Recording prior to June 26, 1952, and since June 3, 1954. Nonrecording June 26, 1952, to June 2, 1954. Prior to Dec. 16, 1939, at site 0.9 mile downstream at datum 4.27 ft higher. Dec. 16, 1939 to Oct. 14, 1958, at site approximately 100 ft downstream at datum 5.00 ft higher. Datum of gage is 40.58 ft above mean sea level, datum of 1929 (U.S. Weather Bureau bench mark).

Stage-discharge relation.--Defined by current-meter measurements below 200,000 cfs.

Historical data.--Maximum stage known, that of Mar. 20, 1929.

Remarks.--Flow regulated by Lake Sidney Lanier. Bartletts Ferry Reservoir (Lake Harding), and by Lake Seminole. Data prior to 1929 from reports of U.S. Weather Bureau. Base for partial-duration series, 47,000 cfs. Only annual peaks are shown prior to 1948 and 1951-60.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1920	Dec. 17, 1919	24.7	130,000	1934	Mar. 8, 1934	17.57	63,400
				1935	Mar. 10, 1935	14.46	46,800
1921	Feb. 15, 1921	18.8	72,000				
1922	Mar. 15, 1922	23.8	119,000	1936	Apr. 15, 1936	25.83	145,000
1923	Mar. 22, 1923	21.4	93,000	1937	Apr. 12, 1937	19.20	74,500
1924	Jan. 28, 1924	16.0	54,000	1938	Apr. 13, 1938	22.88	108,000
1925	Jan. 24, 1925	32.1	246,000	1939	Mar. 5, 1939	22.37	101,000
				1940	Feb. 21, 1940	18.98	70,700
1926	Apr. 4, 1926	20.8	87,000				
1927	Feb. 17, 1927	12.0	38,000	1941	Mar. 10, 1941	7.57	24,600
1928	Apr. 27, 1928	26.6	157,000	1942	Mar. 27, 1942	22.40	99,000
1929	Mar. 20, 1929	34.70	293,000	1943	Mar. 26, 1943	25.93	143,000
1930	Oct. 5, 1929	21.00	87,700	1944	Apr. 2, 1944	25.78	142,000
				1945	Feb. 25, 1945	a17.05	58,300
1931	Nov. 21, 1930	19.10	71,500				
1932	Feb. 25, 1932	14.34	45,600	1946	Apr. 1,2, 1946	21.62	85,200
1933	Mar. 24, 1933	19.53	73,900	1947	Mar. 11, 1947	19.39	72,800

a Occurred on Apr. 30, 1945.

Peak stages and discharges of Apalachicola River at Chattahoochee, Fla.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1948	Dec. 19, 1947	18.70	67,700	1951	Apr. 25, 1951	11.54	36,300
	Feb. 15, 1948	18.90	69,100	1952	Mar. 28, 1952	21.02	87,400
	Mar. 12, 1948	21.80	95,700	1953	May 7,8, 1953	21.39	91,300
	Apr. 5, 1948	24.14	121,000	1954	Dec. 16, 1953	17.45	61,000
	July 16, 1948	20.30	80,400	1955	Apr. 17, 1955	13.98	44,300
	Aug. 7, 1948	15.40	50,900				
				1956	Mar. 21, 1956	18.39	65,900
1949	Dec. 5, 1948	25.42	137,000	1957	Apr. 9, 1957	21.94	95,400
	Dec. 21, 1948	16.20	54,800	1958	Mar. 11, 1958	21.85	94,000
	Jan. 10, 1949	18.50	66,500	1959	June 5, 1959	22.7[illegible]	65,200
	Feb. 13, 1949	19.40	72,800	1960	Apr. 8, 1960	31.48	157,000
	May 4, 1949	20.90	86,200				
	July 20, 1949	16.60	56,800	1961	Mar. 3, 1961	29.87	135,000
					Apr. 4, 1961	25.42	86,100
1950	Mar. 18, 1950	11.83	37,100		Apr. 17, 1961	25.01	82,400

3585. Mosquito Creek at Chattahoochee, Fla.

Location.--Lat 30°43', long 84°49', in sec.34, T.4 N., R.6 W., 500 ft upstream from bridge on U.S. Highway 90 at Chattahoochee, 600 ft downstream from pumping plant and dam, and 3 miles upstream from mouth.

Drainage area.--57.9 sq mi.

Gage.--Recording.

Stage-discharge relation.--Defined by current-meter measurements below 600 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1936	Apr. 11, 1936	6.37	a436	1940	Feb. 18, 1940	8.48	765
1937	Sept. 1, 1937	11.54	1,310				
1938	Mar. 18, 1938	5.33	296	1941	Mar. 7, 1941	5.47	320
1939	June 1, 1939	6.82	492	1942	Jan. 4, 1942	10.99	b1,200

a Maximum for period Mar. 28 to Sept. 30, 1936. b. Maximum period Oct. 1, 1941, to Aug. 19, 1942.

3590. Chipola River near Altha, Fla.

Location.--Lat 30°32'02", long 85°09'55", in NW¼ sec.32, T.2 N., R.9 W., on right bank on downstream side of bridge on State Highway 274, 0.9 mile downstream from Holliman Branch and 3½ miles southwest of Altha, Calhoun County.

Drainage area.--781 sq mi.

Gage.--Nonrecording prior to Jan. 13, 1950; recording thereafter. Datum of gage is 19.95 ft above mean sea level (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 11,000 cfs and extended above on basis of slope-area measurement at 25,000 cfs.

Remarks.--Discharge figures shown are peaks; a greater discharge occurred during some years because of a greater peak near the end of the preceding water year or the beginning of the succeeding water year. Only annual peaks are shown.

Peak stages and discharges of Chipola River near Altha, Fla.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1913	Mar. 22, 1913	21.1	a5,650	1947	Mar. 13, 1947	26.42	9,080
				1948	Apr.4,5, 1948	32.2	19,100
1922	June 2, 1922	15.98	3,870	1949	Dec. 13, 1948	21.95	6,100
1923	June 29, 1923	20.7	5,460	1950	Sept. 1, 1950	22.5	6,350
1924	Sept.16, 1924	17.6	4,200				
1925	Jan. 24, 1925	23.7	7,010	1951	Apr. 4, 1951	11.88	1,940
				1952	Feb. 21, 1952	17.93	4,180
1926	Sept.20, 1926	33.55	25,000	1953	Apr. 13, 1953	19.12	4,720
1927	Nov. 22, 1926	13.52	2,680	1954	Dec. 28, 1953	18.90	4,620
				1955	May 28, 1955	12.56	2,220
1930	Oct. 2, 1929	25.20	7,980				
1931	Nov. 22, 1930	19.44	4,880	1956	July 4, 1956	14.53	2,900
				1957	June 9, 1957	15.55	3,270
1943	Mar. 12, 1943	14.58	b2,920	1958	Apr. 16, 1958	20.38	5,310
1944	Mar. 28, 1944	19.18	4,780	1959	Apr. 3, 1959	19.11	4,720
1945	Feb. 12, 1945	12.33	2,090	1960	Apr. 8, 1960	28.42	11,100
1946	May 22, 1946	23.85	7,070	1961	Apr. 21, 1961	21.96	6,080

a Maximum for period Nov. 21, 1912 to Sept. 30, 1913.
b Maximum for period Mar. 1 to Sept. 30, 1943.

ECONFINA CREEK BASIN

3595. Econfina Creek near Bennett, Fla.

Location.--Lat 30°23'04", long 85°33'24", in sec.20, T.1 S., R.13 W., near left bank on downstream side of bridge on State Highway 388, 0.5 mile downstream from Old Mill Branch and 1.6 miles southwest of Bennett, Bay County.

Drainage area.--122 sq mi.

Gage.--Nonrecording. Datum of gage is 1.03 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 2,200 cfs.

Historical data.--Maximum stage known, 15.0 ft either in September 1926 or in April 1928 (based on a study of rainfall records).

Remarks.--Flow includes large ground-water inflow. Base for partial-duration series, 1,200 cfs. Only annual peaks are shown prior to 1949.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1936	Jan. 8, Aug.2, 1936	9.60	1,310	1952	Sept.22, 1952	a7.44	943
1937	Sept. 2, 1937	11.00	2,670	1953	Sept.26, 1953	9.47	1,560
1938	Nov. 13, 1937	8.02	1,020				
1939	Aug. 15, 1939	10.50	2,200	1954	Dec. 14, 1953	8.20	1,120
1940	Feb. 18, 1940	8.46	1,210				
				1955	Apr. 15, 1955	6.02	601
1941	Mar. 9, 1941	8.29	1,150				
1942	Jan. 5, 1942	8.16	1,120	1956	July 4, 1956	8.3	1,120
1943	May 26, 1943	7.80	1,000				
1944	Sept.12, 1944	10.60	2,280	1957	Sept.11, 1957	9.20	1,440
1945	Sept.15, 1945	9.22	1,440				
				1958	Oct. 1, 1957	9.30	1,480
1946	May 18, 1946	9.96	1,820		Apr. 10, 1958	8.64	1,250
1947	Apr. 16, 1947	9.44	1,530		Apr. 15, 1958	9.60	1,630
1948	Apr. 2, 1948	12.46	4,860		June 20, 1958	8.76	1,290
1949	Nov. 23, 1948	9.40	1,530	1959	Mar. 7, 1959	8.60	1,240
	July 18, 1949	8.60	1,240				
	Aug. 15, 1949	10.30	2,050	1960	Oct. 8, 1959	9.39	1,600
					Apr. 4, 1960	9.12	1,490
1950	Sept. 1, 1950	10.34	2,050				
				1961	Sept. 1, 1961	7.30	895
1951	Mar. 20, 1951	6.90	850				

a Occurred Feb. 18, 1952.

3600. West Fork Choctawhatchee River at Blue Springs, Ala.

Location.--Lat 31°40', long 85°30', in SE¼ sec.14, T.8 N., R.25 E., at bridge on State Highway 10, at Blue Springs, 4 miles downstream from Lindsey Creek.

Drainage area.--84.7 sq mi.

Gage.--Nonrecording prior to Oct. 18, 1946; recording Oct. 18, 1946, to Sept. 30, 1953; crest-stage gage thereafter. Datum of gage is 289.24 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined below 4,500 cfs by current-meter measurements and extended above by logarithmic plotting.

Bankfull stage.--5 ft.

Remarks.--Only annual peaks are shown prior to 1947 and since 1953.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1944	Mar. 29, 1944	9.10	4,820	1950	Apr. 5, 1950	4.90	586
1945	Mar. 21, 1945	4.68	530	1951	Mar. 30, 1951	5.48	970
1946	Mar. 28, 1946	7.92	3,310	1952	Feb. 16, 1952	6.05	1,300
1947	Mar. 8, 1947	6.20	1,520		Mar. 4, 1952	6.00	1,250
	Mar. 14, 1947	6.01	1,350		Mar. 24, 1952	6.72	1,900
	Apr. 15, 1947	5.53	1,000		May 26, 1952	5.96	1,210
	May 22, 1947	5.67	1,080		June 21, 1952	5.90	1,170
	May 27, 1947	5.74	1,150				
	June 23, 1947	6.98	2,280	1953	Apr. 10, 1953	8.27	3,730
	Aug. 13, 1947	6.90	2,180		May 2, 1953	8.20	3,600
					Aug. 20, 1953	5.70	1,010
1948	Dec. 16, 1947	5.62	1,040		Sept.27, 1953	8.20	3,600
	Mar. 7, 1948	6.33	1,660				
	Mar. 19, 1948	5.94	1,310	1954	Dec. 4, 1953	7.6	2,850
	Mar. 23, 1948	6.08	1,430	1955	Feb. 7, 1955	7.3	2,510
	Apr. 1, 1948	5.89	1,270				
	July 10, 1948	5.62	1,040	1956	Sept.26, 1956	11.5	9,800
				1957	Apr. 6, 1957	10.3	7,100
1949	Nov. 23, 1948	5.78	1,180	1958	Mar. 2, 1958	5.2	630
	Nov. 27, 1948	7.33	2,550	1959	Feb. 5, 1959	5.8	1,090
	Dec. 19, 1948	6.49	1,740	1960	Apr. 4, 1960	8.1	3,470
	Jan. 6, 1949	6.62	1,880				
	Apr. 30, 1949	6.62	1,880	1961	Apr. 15, 1961	6.24	1,470

3605. East Fork Choctawhatchee River near Midland City, Ala.

Location.--Lat 31°22', long 85°29', in NW¼ sec.31, T.5 N., R.26 E., on left bank on downstream side of highway bridge, 4 miles upstream from confluence with West Fork Choctawhatchee River and 4 miles north of Midland City.

Drainage area.--297 sq mi.

Gage.--Recording. Datum of gage is 179.1 ft above mean sea level (levels by Alabama State Highway Department).

Stage-discharge relation.--Defined by current-meter measurements below 12,000 cfs and extended above by logarithmic plotting.

Bankfull stage.--13 ft.

Remarks.--Base for partial-duration series, 1,800 cfs.

Peak stages and discharges of East Fork Choctawhatchee River near Midland City, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1953	May 4, 1953	23.82	15,700	1957	Mar. 26, 1957	10.6	1,930
	Sept.29, 1953	13.66	2,610		Apr. 7, 1957	19.9	8,690
1954	Dec. 6, 1953	18.2	6,390	1958	Mar. 9, 1958	10.4	1,920
	Dec. 15, 1953	12.3	2,210				
	Dec. 23, 1953	10.4	1,870	1959	Feb. 6, 1959	12.4	2,230
	Dec. 31, 1953	11.8	2,290				
				1960	Apr. 5, 1960	17.54	5,150
1955	Apr. 14, 1955	10.52	1,900				
				1961	Mar. 31, 1961	10.87	1,950
1956	Sept.27, 1956	16.94	4,250		Apr. 15, 1961	16.55	4,150
1957	Dec. 25, 1956	13.2	2,460				

3610. Choctawhatchee River near Newton, Ala.

Location.--Lat 31°21', long 85°37', in SE¼ sec.2, T.4 N., R.24 E., on left bank at downstream side of bridge on State Highway 123, 200 ft downstream from abandoned milldam, 1,500 ft upstream from Hurricane Creek, 0.8 mile north of Newton, and 1 mile downstream from Atlantic Coast Line Railroad bridge.

Drainage area.--683 sq mi.

Gage.--Recording at site 800 ft upstream at datum 154.83 ft above mean sea level Nov. 29, 1921, to Sept. 30, 1927, and at present site and datum since Sept. 8, 1938; nonrecording at present site and datum during remainder of period. Datum of gage is 138.56 ft above mean sea level, datum of 1929, supplementary adjustment of 1943.

Stage-discharge relation.--Defined by current-meter measurements below 21,000 cfs.

Bankfull stage.--35 ft.

Historical data.--Maximum stage known, that of Mar. 15, 1929, from information furnished by State Highway Department.

Remarks.--Base for partial-duration series, 5,000 cfs. Only annual peaks are shown 1929, 1935-38.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1922	Feb. 6, 1922	11.96	9,550	1941	July 16, 1941	6.98	2,580
	June 2, 1922	16.62	11,400				
	June 4, 1922	8.10	5,020	1942	Dec. 26, 1941	10.76	4,710
1923	Dec. 19, 1922	10.73	8,170	1943	Jan. 20, 1943	27.40	19,300
	Mar. 20, 1923	18.53	13,200		Jan. 28, 1943	-	5,190
	May 25, 1923	6.90	4,480		Mar. 19, 1943	12.84	5,660
					Mar. 23, 1943	18.24	8,590
1924	Jan. 25, 1924	10.60	7,340				
	July 15, 1924	9.04	6,140	1944	Mar. 24, 1944	22.67	11,800
					Mar. 31, 1944	19.88	9,540
1925	Jan. 17, 1925	28.0	28,000		Apr. 16, 1944	23.40	12,500
					Apr. 19, 1944	15.50	7,160
1926	Apr. 1, 1926	22.48	13,900		Apr. 28, 1944	15.10	6,950
	Sept.22, 1926	23.22	14,700				
				1945	Apr. 25, 1945	9.61	3,880
1927	Feb. 18, 1927	6.4	3,760				
				1946	Dec. 25, 1945	13.10	5,840
1929	Mar. 15, 1929	42	-		Jan. 6, 1946	11.68	5,050
					Feb. 19, 1946	14.84	6,780
1935	July 14, 1935	12.42	5,550		Mar. 29, 1946	25.00	14,600
					Apr. 25, 1946	14.20	6,120
1936	Jan. 20, 1936	29.5	25,800		May 21, 1946	19.26	9,310
1937	Sept. 2, 1937	26.4	16,200		June 2, 1946	15.88	7,140
1938	Nov. 14, 1937	20.1	9,650				
				1947	Mar. 9, 1947	23.66	12,800
1939	Mar. 1, 1939	19.66	9,430		Mar. 14, 1947	13.94	6,280
	June 2, 1939	14.12	6,450		Apr. 2, 1947	11.00	4,660
	Aug. 14, 1939	12.48	5,610		Apr. 16, 1947	17.74	8,330
	Aug. 18, 1939	19.53	9,330		May 30, 1947	14.37	6,560
1940	Feb. 19, 1940	20.03	9,600	1948	Nov. 12, 1947	12.27	5,060

Peak stages and discharges of Choctawhatchee River near Newton, Ala.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1948	Dec. 12, 1947	14.67	6,420	1954	Dec. 7, 1953	23.0	12,000
	Dec. 16, 1947	14.55	6,370		Dec. 14, 1953	14.5	6,680
	Mar. 3, 1948	13.25	5,570		Dec. 30, 1953	13.0	5,930
	Mar. 8, 1948	21.8	10,700				
	Apr. 2, 1948	16.00	7,170	1955	Apr. 15, 1955	14.69	6,780
	July 14, 1948	13.92	5,970				
	Aug. 3, 1948	14.56	6,370	1956	Sept.27, 1956	24.54	13,000
1949	Nov. 24, 1948	16.00	7,170	1957	Dec. 24, 1956	17.1	7,980
	Nov. 29, 1948	18.9	8,840		Mar. 25, 1957	14.4	6,630
	Dec. 30, 1948	14.65	6,370		Apr. 6, 1957	26.6	16,800
	Jan. 7, 1949	18.53	8,610				
	Feb. 9, 1949	11.96	5,000	1958	Mar. 9, 1958	11.2	5,000
1950	Apr. 5, 1950	10.7	4,390	1959	Feb. 5, 1959	15.3	6,980
1951	Mar. 29, 1951	12.6	5,400	1960	Apr. 5, 1960	24.70	13,700
1952	Feb. 16, 1952	12.6	5,740	1961	Mar. 31, 1961	14.07	6,200
					Apr. 12, 1961	15.30	6,880
1953	May 4, 1953	29.6	23,900		Apr. 16, 1961	16.68	7,640
	Sept.28, 1953	15.7	7,280				

3630. Pea River near Ariton, Ala.

Location.--Lat 31°35', long 85°47', in SW¼ sec.7, T.7 N., R.23 E., on left bank at downstream side of bridge on U.S. Highway 231, 2¼ miles downstream from Bryors Mill Creek, 2¾ miles downstream from Atlantic Coast Line Railroad bridge, and 3½ miles west of Ariton.

Drainage area.--492 sq mi.

Gage.--Recording. Datum of gage is 246.72 ft above mean sea level, datum of 1929, supplementary adjustment of 1943.

Stage-discharge relation.--Defined by current-meter measurements below 19,000 cfs and extended above by logarithmic plotting.

Bankfull stage.--10 ft.

Historical data.--Maximum stage known, that of March 1929, from information by local residents.

Remarks.--Base for partial-duration series, 4,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	March 1929	25	-	1946	Aug. 8, 1946	14.03	4,820
1939	Mar.1,2, 1939	18.36	13,000	1947	Jan. 17, 1947	13.50	4,470
	Mar. 29, 1939	14.05	4,500		Mar. 9, 1947	16.17	7,300
	Aug. 19, 1939	17.80	10,600		Apr. 3, 1947	18.80	13,700
					Apr. 16, 1947	15.37	6,270
1940	Feb. 20, 1940	16.26	7,290				
				1948	Dec. 14, 1947	13.42	4,410
1941	Mar. 12, 1941	5.46	1,190		Mar. 7, 1948	16.1	7,170
					Mar. 24, 1948	13.53	4,470
1942	Feb. 20, 1942	13.92	4,540				
	Mar. 24, 1942	13.86	4,540	1949	Nov. 25, 1948	15.86	6,540
					Nov. 29, 1948	18.8	13,700
1943	Jan. 20, 1943	19.66	17,600		Dec. 21, 1948	14.36	5,160
	Mar. 19, 1943	17.70	10,400		May 1, 1949	15.36	5,080
	Mar. 22, 1943	19.98	19,100				
				1950	Apr. 6, 1950	9.6	2,500
1944	Mar. 24, 1944	19.80	18,600				
	Mar. 31, 1944	17.76	10,600	1951	Apr. 21, 1951	7.92	1,900
	Apr. 15, 1944	14.74	5,180				
	Apr. 22, 1944	14.50	5,000	1952	Mar. 7, 1952	12.96	4,150
	Apr. 28, 1944	19.50	17,200		Mar. 26, 1952	18.32	11,600
1945	Apr. 29, 1945	7.43	1,730	1953	Apr. 12, 1953	17.40	9,500
					May 5, 1953	16.73	8,350
1946	Mar. 30, 1946	17.49	8,910		Sept.28, 1953	17.52	9,680
	May 22, 1946	17.57	9,160				

Peak stages and discharges of Pea River near Ariton, Ala.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1954	Dec. 7, 1953	17.12	9,030	1959	Feb. 6, 1959	13.8	5,000
					Mar. 29, 1959	15.94	7,190
1955	Apr. 16, 1955	13.05	4,360				
				1960	Apr. 1, 1960	18.00	10,600
1956	Sept.27, 1956	16.6	8,240		Apr. 4, 1960	20.42	22,000
1957	Dec. 25, 1956	17.2	9,190	1961	Feb. 22, 1961	15.77	7,050
	Apr. 7, 1957	16.4	7,940		Apr. 2, 1961	16.33	7,840
					Apr. 14, 1961	15.25	6,360
1958	Mar. 11, 1958	12.65	4,090				

3640. Pea River at Elba, Ala.

Location.--Lat 31°24', long 86°04', in sec.8, T.5 N., R.20 E., at bridge on U.S. Highway 84 at Elba, 500 ft downstream from Whitewater Creek and a half mile upstream from Beaver Dam Creek and Atlantic Coast Line Railroad bridge.

Drainage area.--966 sq mi (revised).

Gage.--Nonrecording prior to Mar. 22, 1939, recording thereafter. Datum of gage is 159.24 ft above mean sea level, datum of 1929, supplementary adjustment of 1943.

Stage-discharge relation.--Defined by current-meter measurements below 28,000 cfs. Affected by backwater from dam 4½ miles downstream.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	March 1929	43.5	-	1941	Mar. 7, 1941	10.23	3,600
				1942	Apr. 10, 1942	15.39	9,500
1935	July 31, 1935	a9.95	4,730	1943	Jan. 19, 1943	26.8	22,300
	Aug. 20, 1935	a9.95	4,730	1944	Mar. 24, 1944	25.8	20,900
				1945	Apr. 29, 1945	12.8	6,090
1936	Jan. 21, 1936	29.55	27,400				
1937	Apr. 6, 1937	30.0	27,900	1946	May 21, 1946	22.3	16,500
1938	Mar. 17, 1938	35.0	35,000	1947	Apr. 3, 1947	19.8	13,700
1939	Feb. 28, 1939	20.81	16,400				
1940	Feb. 18, 1940	16.04	10,200				

a Maximum during period May to September.

3645. Pea River near Samson, Ala.
(Published as "at Pera" prior to 1935)

Location.--Lat 31°07', long 86°06', in sec.25, T.2 N., R.19 E., on right bank at downstream side of bridge on State Highway 52, 500 ft downstream from Boyenton Creek, 1¾ miles downstream from Louisville & Nashville Railroad bridge, 3 miles west of Samson, and 6½ miles upstream from Flat Creek.

Drainage area.--1,187 sq mi.

Gage.--Nonrecording August 1904 to August 1913, recording June 1922 to October 1925, 1½ miles upstream at different datum; nonrecording gage May 9, 1935, to July 24, 1937; recording thereafter, at present site and datum. Datum of gage is 97.95 ft above mean sea level, datum of 1929, supplementary adjustment of 1943 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--35 ft.

Historical data.--Maximum stage known, that of Mar. 15, 1929, from floodmarks.

Remarks.--Base for partial-duration series, 7,000 cfs. Only annual peaks are shown 1905-13, 1936-37.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)
1905	Feb. 16, 1905	29.8	12,800
1906	Dec. 25, 1905	23.2	9,500
1907	Sept.29, 1907	19.0	6,890
1908	Mar. 28, 1908	31.1	14,100
1909	Mar. 24, 1909	21.8	8,150
1910	Mar. 3, 1910	22.6	8,550
1911	Jan. 4, 1911	15.2	5,150
1912	Apr. 24, 1912	33.0	16,000
1913	Mar. 16, 1913	38.6	23,500
1923	Feb. 11, 1923	19.80	7,100
	Mar. 20, 1923	29.90	12,200
1924	Jan. 17, 1924	20.70	7,550
	Jan. 21, 1924	21.49	7,950
	Jan. 25, 1924	23.8	9,100
1925	Jan. 13, 1925	31.49	14,500
	Jan. 20, 1925	42.0	30,000
1929	Mar. 15, 1929	45.3	-
1936	Jan. 22, 1936	37.2	27,800
1937	Apr. 7, 1937	35.86	23,400
1938	Mar. 18, 1938	35.83	23,300
	Apr. 11, 1938	26.83	12,300
	July 27, 1938	29.22	14,600
1939	Mar. 2, 1939	28.80	14,200
	Aug. 18, 1939	24.80	10,600
1940	Feb. 19, 1940	22.75	9,120
	July 8, 1940	21.67	8,380
1941	Dec. 28, 1940	13.55	4,170
1942	Apr. 11, 1942	20.24	7,460
1943	Jan. 21, 1943	33.22	19,200
	Jan. 28, 1943	20.22	7,470
	Mar. 7, 1943	19.90	7,280
	Mar. 25, 1943	31.67	17,400
1944	Mar. 26, 1944	33.4	19,500
	Apr. 16, 1944	28.06	13,500
	Apr. 30, 1944	28.89	14,300
	Aug. 15, 1944	21.70	8,400
	Sept.12, 1944	28.97	14,400
1945	Apr. 30, 1945	17.4	5,920
1946	Dec. 26, 1945	22.49	8,920
	Jan. 6, 1946	19.46	7,050
1946	Mar. 29, 1946	28.55	14,000
	Apr. 25, 1946	19.67	7,160
	May 16, 1946	20.45	7,580
	May 22, 1946	30.50	16,000
	June 3, 1946	25.79	11,400
	Aug. 8, 1946	24.45	10,300
1947	Jan. 21, 1947	23.12	9,680
	Mar. 9, 1947	26.45	12,600
	Mar. 14, 1947	22.70	9,360
	Apr. 6, 1947	26.70	12,900
	Apr. 16, 1947	24.11	10,500
	May 22, 1947	21.38	8,380
	May 30, 1947	20.08	7,470
	June 23, 1947	20.31	7,610
1948	Nov. 12, 1947	19.97	7,400
	Dec. 16, 1947	22.93	9,520
	Mar. 8, 1948	29.6	15,300
	Mar. 16, 1948	19.66	7,220
	Mar. 24, 1948	19.86	7,340
	Apr. 2, 1948	24.36	10,300
1949	Dec. 1, 1948	29.9	15,700
	Jan. 7, 1949	22.09	8,670
	May 3, 1949	23.95	10,000
1950	Apr. 6, 1950	19.39	7,040
	Sept. 2, 1950	19.5	7,100
1951	Mar. 30, 1951	19.5	7,100
1952	Feb. 16, 1952	21.0	8,000
	Mar. 28, 1952	24.7	10,600
1953	Apr. 14, 1953	21.0	8,000
	May 7, 1953	25.2	11,000
	Sept.28, 1953	29.1	14,700
1954	Dec. 5, 1953	31.73	18,100
	Dec. 25, 1953	-	(a)
	Jan. 1, 1954	-	(a)
1955	Apr. 15, 1955	29.10	14,700
1956	Sept.27, 1956	27.25	12,700
1957	Dec. 25, 1956	26.9	12,400
	Mar. 25, 1957	23.7	9,790
	Apr. 7, 1957	32.0	18,500
1958	Mar. 10, 1958	19.6	7,160
	July 15, 1958	19.4	7,040
1959	Feb. 5, 1959	22.7	9,090
	Mar. 7, 1959	20.5	7,700

a Stage and discharge unknown.

Peak stages and discharges of Pea River near Samson, Ala.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1959	Apr. 1, 1959	21.0	8,000	1961	Apr. 2, 1961	24.20	10,100
					Apr. 15, 1961	27.35	12,400
1960	Apr. 6, 1960	37.71	27,900		Sept. 1, 1961	25.09	10,200
1961	Feb. 25, 1961	27.13	12,200				

3655. Choctawhatchee River at Caryville, Fla.

Location.--Lat 30°46'32", long 85°49'40", in NW¼ sec.10, T.4 N., R.16 W., Holmes County, near right bank on downstream side of bridge on U.S. Highway 90, 300 ft downstream from Louisville & Nashville Railroad bridge, three-quarters of a mile west of Caryville, Washington County, and 1.8 miles downstream from Wrights Creek.

Drainage area.--3,499 sq mi.

Gage.--Recording Oct. 12, 1929, to Sept. 11, 1951; nonrecording prior to and subsequent to this period. Datum of gage is 39.02 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 58,000 cfs and extended above on basis of slope-area measurement at 206,000 cfs.

Historical data.--Flood of Mar. 17, 1929, is maximum known.

Remarks.--Only annual peaks are shown prior to 1948 and after 1950. Base for partial-duration series, 14,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1928	Apr. 24, 1928	21.6	129,000	1948	Apr. 2, 1948	13.60	35,800
1929	Mar. 17, 1929	27.1	206,000				
1930	Oct. 4, 1929	14.83	49,100	1949	Dec. 2, 1948	13.20	31,900
					Dec. 11, 1948	12.11	22,500
1931	Nov. 19, 1930	13.17	31,700		Jan. 2, 1949	11.59	18,400
1932	Jan. 16, 1932	12.19	23,400		Jan. 9, 1949	12.46	25,300
1933	Mar. 24, 1933	13.58	35,800		Feb. 12, 1949	11.56	18,200
1934	Mar. 8, 1934	12.28	24,000		Apr. 15, 1949	11.79	19,900
1935	Mar. 12, 1935	10.17	12,600		May 4, 1949	12.18	23,000
					July 20, 1949	11.29	16,300
1936	Jan. 24, 1936	14.16	41,800				
1937	Sept. 4, 1937	15.55	56,600	1950	Mar. 19, 1950	10.63	14,300
1938	Mar. 22, 1938	13.03	30,100		Apr. 8, 1950	11.62	19,100
1939	Aug. 18, 1939	14.84	45,800		Sept. 3, 1950	12.44	25,100
1940	Feb.21,22,1940	12.90	29,200				
				1951	Apr. 2, 1951	11.14	16,500
1941	Dec. 31, 1940	9.53	10,200	1952	Feb.19,20, 1952	11.52	17,900
1942	Jan. 5, 1942	11.86	21,400	1953	Sept.30, 1953	13.21	32,000
1943	Jan. 24, 1943	13.42	33,800	1954	Dec. 9, 1953	15.50	54,800
1944	Mar. 28, 1944	13.60	35,800	1955	Apr. 18, 1955	13.02	30,300
1945	May 3, 1945	10.38	13,300				
				1956	Sept.29, 1956	13.60	35,800
1946	(a)	14.03	39,800	1957	Apr. 10, 1957	13.78	37,600
1947	Mar. 10, 1947	14.46	44,800	1958	Mar. 13, 1958	11.78	20,200
				1959	Feb. 8, 1959	12.46	23,100
1948	Nov. 15, 1947	10.90	14,100	1960	Apr. 7, 1960	16.03	60,100
	Dec. 17, 1947	12.70	27,400				
	Mar. 10, 1948	14.47	44,800	1961	Apr. 18, 1961	14.38	42,000

a Mar. 31, Aug. 9, 1946.

3660. Holmes Creek at Vernon, Fla.

Location.--Lat 30°37'35", long 85°42'45", in NW¼ sec.35, T.3 N., R.15 W., near left bank on downstream side of bridge on State Highway 79 at Vernon, Washington County, a quarter of a mile downstream from Pippin Mill Creek.

Drainage area.--386 sq mi.

Gage.--Nonrecording. Datum of gage is 10.70 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950	Sept. 2, 1950	19.02	a5,240	1956	July 7, 1956	14.58	1,230
				1957	June 11, 1957	15.56	1,760
1951	Apr. 2, 1951	14.38	1,150	1958	Apr. 13, 1958	16.66	2,640
1952	Feb. 9, 1952	16.40	2,290	1959	Mar. 9, 1959	17.53	3,270
1953	Apr. 15, 1953	17.55	3,220	1960	Apr. 4, 1960	23.35	10,900
1954	Dec. 25, 1953	18.77	4,700				
1955	May 25, 1955	17.96	3,620	1961	Sept. 3, 1961	16.71	2,700

a Maximum for period Apr. 1 to Sept. 30, 1950.

3665. Choctawhatchee River near Bruce, Fla.

Location.--Lat 30°27'03", long 85°53'54", in NE¼ sec.36, T.1 N., R.17 W., on downstream fender pile at center swing pier of bridge on State Highway 20, 4.0 miles southeast of Bruce, Walton County, and 5.8 miles downstream from Holmes Creek.

Drainage area.--4,384 sq mi.

Gage.--Nonrecording at site 1 mile downstream at datum 0.25 ft lower prior to Apr. 6, 1934; recording thereafter. Datum of gage is 3.94 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 66,000 cfs and extended above on basis of records for station at Caryville.

Historical data.--Maximum stage known, that of March 1929.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	March 1929	25.0	220,000	1946	Aug. 10,11, 1946	13.88	47,200
				1947	Mar. 12, 1947	14.79	54,400
1931	Nov. 21,22, 1930	12.25	34,100	1948	Apr. 4, 1948	15.22	57,600
1932	Jan. 19, 1932	10.30	22,200	1949	Dec. 4, 1948	12.02	32,400
1933	Apr. 18, 1933	12.40	35,700	1950	Sept. 5, 1950	12.15	33,400
1934	Mar. 11, 1934	10.58	23,700				
1935	Mar. 16, 1935	8.23	13,600	1951	Apr. 5, 1951	8.93	15,900
				1952	Feb. 22, 1952	10.16	21,300
1936	Jan. 10, 1936	13.96	49,500	1953	May 11, 1953	10.79	24,700
1937	Sept. 5,6, 1937	16.04	64,000	1954	Dec. 12, 1953	13.82	46,600
1938	Mar. 24, 1938	11.78	30,900	1955	Apr. 21, 1955	10.81	24,900
1939	Aug. 19,20, 1939	16.68	69,600				
1940	Feb. 23, 1940	12.07	33,000	1956	Mar. 19, 1956	8.61	a14,000
				1957	Apr. 12, 1957	12.04	32,600
1941	Mar. 27, 1941	7.78	12,400	1958	Mar. 15, 1958	10.09	21,000
1942	Jan. 5,6, 1942	12.45	35,200	1959	Mar. 11, 1959	10.99	25,900
1943	Jan. 26,27, 1943	12.13	33,000	1960	Apr. 9, 1960	16.00	64,000
1944	Mar. 30, 1944	12.90	39,200				
1945	May 5, 1945	8.30	13,200	1961	Apr. 20, 1961	13.05	40,400

a Maximum peak discharge; maximum discharge during year, 23,500 cfs Sept. 30, 1956, stage rising.

3670. Alaqua Creek near De Funiak Springs, Fla.

Location.--Lat 30°37'00", long 86°09'50", in NE¼ sec.5, T.1 N., R.19 W., near center of span on downstream side of Pine Allen Bridge on U.S. Forest Service Road 200 in Eglin Field Military Reservation, 0.8 mile upstream from Davis Branch and 8 miles southwest of De Funiak Springs, Walton County.

Drainage area.--65.6 sq mi.

Gage.--Recording. Datum of gage is 19.65 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 2,300 cfs.

Remarks.--Base for partial-duration series, 800 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	June 17, 1951	9.73	a268	1957	Sept.21, 1957	15.11	1,100
					Sept.28, 1957	15.94	1,800
1952	Feb. 16, 1952	14.07	763				
				1958	Jan. 21, 1958	15.96	1,820
1953	Feb. 15, 1953	14.87	988		Apr. 10, 1958	15.69	1,550
	Apr. 7, 1953	14.46	865				
	Apr. 12, 1953	16.26	2,150	1959	Mar. 6, 1959	16.66	2,610
	Sept.26, 1953	18.47	5,160		Mar. 15, 1959	14.33	822
					July 21, 1959	15.46	1,350
1954	Dec. 6, 1953	16.74	2,710		Aug. 16, 1959	15.37	1,280
	Dec. 14, 1953	15.95	1,810				
	Dec. 23, 1953	16.13	2,000	1960	Oct. 29, 1959	16.42	2,320
					Jan. 4, 1960	14.29	812
1955	July 11, 1955	12.96	541		Apr. 2, 1960	16.49	2,410
					Apr. 4, 1960	16.50	2,420
1956	Feb. 16, 1956	13.64	664		Sept.16, 1960	15.70	1,560
	June 22, 1956	14.82	972				
	Sept.25, 1956	17.56	3,790	1961	June 21, 1961	15.38	1,280

a Maximum for period Apr. 18 to Sept. 30, 1951.

YELLOW RIVER BASIN

3675. Lightwood Knot Creek at Babbie, Ala.
(Published as "Poley Creek at Babbie" prior to 1947)

Location.--Lat 31°16', long 86°19', in SW¼ sec.36, T.4 N., R.17 E., at bridge on U.S. Highway 84, 1 mile east of Babbie, 1¼ miles downstream from Poley Creek, 2 miles upstream from mouth, and 3½ miles west of Opp.

Drainage area.--113 sq mi.

Gage.--Nonrecording prior to Dec. 30, 1947; recording Dec. 30, 1947, to Apr.23, 1953; crest-stage indicator thereafter. Altitude of gage is 185 ft (from topographic map).

Stage-discharge relation.--Defined by current-meter measurements below 8,400 cfs and extended above by logarithmic plotting.

Remarks.--Base for partial-duration series, 1,800 cfs. Only annual peaks are shown prior to 1948 and since 1953.

Peak stages and discharges of Lightwood Knot Creek at Babble, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1944	Sept.11, 1944	11.86	12,100	1951	Apr. 20, 1951	7.10	1,660
1945	Apr. 29, 1945	6.57	1,420				
				1952	Mar. 24, 1952	7.42	2,100
1946	May 20, 1946	8.60	5,100				
1947	Apr. 16, 1947	7.52	3,260	1953	Apr. 7, 1953	6.33	a1,040
				1954	Nov. 24, 1953	6.4	1,080
1948	Nov. 12, 1947	-	3,260	1955	Apr. 13, 1955	10.1	8,100
	Mar. 6, 1948	-	3,350				
	Apr. 1, 1948	7.58	3,440	1956	Sept.25, 1956	8.2	4,300
				1957	Apr. 6, 1957	10.8	9,500
1949	Nov. 23, 1948	6.75	1,910	1958	Nov. 14, 1957	6.2	929
	Nov. 28, 1948	7.34	2,990	1959	June 3, 1959	7.4	2,100
	Jan. 6, 1949	7.48	3,260	1960	Apr. 4, 1960	7.9	3,200
1950	Apr. 5, 1950	6.80	2,000	1961	Apr. 2, 1961	8.37	4,700
	Sept. 1, 1950	7.30	1,950				

a Maximum during period October 1952 to April 1953.

3680. Yellow River at Milligan, Fla.

Location.--Lat 30°45'10", long 86°37'45", in sec.15, T.3 N., R.24 W., near right bank on upstream side of old bridge on U.S. Highway 90, half a mile east of Milligan, Okaloosa County, half a mile upstream from Trammel Creek, and 6¾ miles upstream from Shoal River.

Drainage area.--624 sq mi.

Gage.--Nonrecording prior to Dec. 6, 1939; recording thereafter. Datum of gage is 45.00 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 3,500 cfs. Only annual peaks are shown prior to 1948 and 1951-60.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	-	26.2	-	1949	Apr. 15, 1949	8.46	3,610
					May 3, 1949	9.12	5,260
1938	July 30, 1938	9.58	a6,300				
1939	Aug. 19, 1939	12.44	14,700	1950	Mar. 19, 1950	8.47	3,630
1940	July 8, 1940	12.00	13,500		Apr. 8, 1950	8.57	3,840
					Sept. 2, 1950	9.67	7,000
1941	Mar.23,24, 1941	7.47	2,430				
1942	June 26, 1942	9.10	4,800	1951	Mar. 22, 1951	8.03	2,930
1943	Jan. 22, 1943	10.80	9,420	1952	Mar. 28, 1952	8.85	4,490
1944	Sept.13, 1944	13.29	21,200	1953	Sept.29, 1953	13.63	20,600
1945	Apr. 30, 1945	8.84	4,140	1954	Dec. 6, 1953	15.13	28,000
				1955	Apr. 16, 1955	11.95	13,200
1946	Mar. 30, 1946	11.13	11,300				
1947	Mar. 10, 1947	11.20	11,800	1956	Sept.26, 1956	9.28	5,540
				1957	Apr. 7, 1957	13.10	17,900
1948	Nov. 16, 1947	8.85	4,460	1958	Mar. 12, 1958	8.75	4,180
	Dec. 16, 1947	9.90	7,720	1959	June 3, 1959	8.91	4,580
	Mar. 9, 1948	11.23	11,800	1960	Apr. 6, 1960	12.65	16,000
	Mar. 20, 1948	9.00	4,910				
	Apr. 4, 1948	9.85	7,560	1961	Feb. 26, 1961	9.15	5,200
					Mar. 22, 1961	8.56	3,780
1949	Nov. 26, 1948	9.10	5,270		Apr. 3, 1961	9.70	6,660
	(b)	9.26	5,700		Apr. 18, 1961	10.49	8,890
	Dec. 12, 1948	8.60	3,780		June 24, 1961	9.38	5,800
	Jan. 9, 1949	9.00	4,970		Sept. 4, 1961	9.13	5,150

a Maximum for period July 20 to Sept. 30, 1938.
b Maximum for period Nov. 27 to Dec. 3, 1948; from recorded range in stage.

3685. Shoal River near Mossy Head, Fla.

Location.--Lat 30°47'45", long 86°18'25", in SW¼ sec.36, T.4 N., R.21 W., near center of span on downstream side of bridge on State Highway 285, about 200 ft downstream from Machine Branch and 3.9 miles north of Mossy Head, Walton County.

Drainage area.--123 sq mi.

Gage.--Recording. Prior to July 24, 1956, at site of former bridge 300 ft north at same datum. Datum of gage is 105.59 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 4,500 cfs and extended above on basis of slope-conveyance study.

Remarks.--Base for partial-duration series, 1,200 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Mar. 30, 1951	12.33	a1,540	1957	Sept.20, 1957	11.83	1,420
1952	Feb. 16, 1952	9.31	945	1958	Aug. 17, 1958	10.88	1,220
1953	Apr. 12, 1953	12.71	1,640	1959	Mar. 6, 1959	12.89	1,700
	Sept.27, 1953	21.86	8,690		May 31, 1959	11.94	1,450
					June 11, 1959	14.08	2,160
1954	Dec. 4, 1953	12.90	1,700		June 16, 1959	11.74	1,400
	Dec. 7, 1953	13.47	1,900				
	Dec. 14, 1953	14.60	2,420	1960	Oct. 30, 1959	14.40	2,310
	Dec. 23, 1953	15.84	3,140		Jan. 3, 1960	11.55	1,360
	Dec. 31, 1953	11.80	1,410		Apr. 2, 1960	16.84	3,770
					Apr. 4, 1960	16.67	3,660
1955	Apr. 14, 1955	11.28	1,300		Sept.16, 1960	11.80	1,410
	May 23, 1955	19.45	5,900				
				1961	Apr. 12, 1961	14.26	2,240
1956	Sept.25, 1956	18.30	4,860		June 21, 1961	12.76	1,660

a Maximum for period Mar. 1 to Sept. 30, 1951.

3690. Shoal River near Crestview, Fla.

Location.--Lat 30°41'50", long 86°34'15", in sec.5, T.2 N., R.23 W., on right bank on downstream side of bridge on State Highway 85, 3½ miles downstream from Titi Creek, 4¼ miles south of Crestview, Okaloosa County, and 7 miles upstream from mouth.

Drainage area.--474 sq mi.

Gage.--Nonrecording prior to Feb. 12, 1939; recording thereafter. Datum of gage is 47.21 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 3,600 cfs. Only annual peaks are shown prior to 1948 and 1952-60.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	Aug. 9, 1938	7.00	a2,710	1948	Dec. 17, 1947	7.30	3,830
1939	Aug. 18, 1939	11.18	13,400		Mar. 8, 1948	9.10	7,770
1940	July 7, 1940	14.26	21,700		Mar. 19, 1948	7.40	4,040
					Apr. 3, 1948	9.54	8,870
1941	July 7, 1941	7.26	3,700				
1942	Jan.3,4, 1942	8.33	5,960	1949	Nov. 24, 1948	7.95	5,200
1943	Mar.7,8, 1943	7.15	3,520		Dec. 31, 1948	7.20	3,620
1944	Sept.12, 1944	11.05	13,000		Apr. 14, 1949	7.70	4,650
1945	Jan.8,9, 1945	7.67	4,560		May 2, 1949	7.85	5,010
					July 25, 1949	7.24	3,700
1946	Mar. 29, 1946	9.23	8,030				
1947	Mar. 9, 1947	12.57	17,100	1950	Apr. 6, 1950	8.76	6,960
					July 30, 1950	7.23	3,680
1948	Nov. 20, 1947	7.20	3,620		Sept. 2, 1950	10.38	11,200
	Nov. 24, 1947	7.35	3,940				

a Maximum for period July 20 to Sept. 30, 1938.

Peak stages and discharges of Shoal River near Crestview, Fla.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Mar. 20, 1951	7.56	4,380	1957	Sept.21, 1957	7.68	4,270
	Mar. 31, 1951	7.43	4,100	1958	Apr. 11, 1958	7.08	3,080
				1959	June 1, 1959	8.51	5,850
1952	Feb.16,17, 1952	6.96	3,120	1960	Apr. 5, 1960	10.73	10,900
1953	Sept.28, 1953	13.93	20,000	1961	Apr. 14, 1961	8.27	5,390
1954	Dec. 15, 1953	8.68	6,170		June 22, 1961	9.10	7,000
1955	May 24, 1955	10.43	10,100		Aug. 27, 1961	7.70	4,310
1956	Sept.26, 1956	10.73	10,900				

3695. Yellow River near Holt, Fla.

Location.--Lat 30°40'25", long 86°44'50", in sec.16, T.2 N., R.25 W., near right bank on upstream side of county highway bridge, $2\frac{1}{2}$ miles south of Holt.

Drainage area.--1,210 sq mi.

Gage.--Nonrecording. Datum of gage is 17.95 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 23,000 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	March 1929	25.4	-	1937	Apr. 9, 1937	11.02	16,300
				1938	Nov. 15, 1937	9.50	11,100
1934	Mar. 6, 1934	8.20	8,120	1939	Aug. 19, 1939	13.90	27,800
1935	Oct. 9, 1934	12.80	25,000	1940	July 9, 1940	15.62	35,100
1936	Jan. 22, 1936	11.48	16,600	1941	July 8, 1941	7.76	6,030

BLACKWATER RIVER BASIN

3700. Blackwater River near Baker, Fla.

Location.--Lat 30°50'00", long 86°44'05", in $SW\frac{1}{4}$ sec.22, T.4 N., R.25 W., near right bank on downstream side of bridge on State Highway 4, 0.3 mile downstream from Red Wash Branch and 3.8 miles northwest of Baker, Okaloosa County.

Drainage area.--205 sq mi.

Gage.--Recording. Datum of gage is 60.5 ft above mean sea level, datum of 1929 (from design elevation of bridge curb furnished by Florida State Road Department).

Stage-discharge relation.--Defined by current-meter measurements below 8,300 cfs and extended above on basis of velocity-area study.

Remarks.--Base for partial-duration series, 2,500 cfs.

Peak stages and discharges of Blackwater River near Baker, Fla.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950a	Apr. 5, 1950	-	2,800	1956	Sept.25, 1956	14.02	3,950
	Sept. 1, 1950	11.61	2,920				
				1957	Dec. 24, 1956	12.38	3,080
1951	Mar. 19, 1951	12.33	3,320		Apr. 5, 1957	17.87	8,850
1952	Mar. 25, 1952	8.91	1,640	1958	Mar. 9, 1958	8.22	1,450
1953	May 7, 1953	12.70	3,240	1959	Feb. 5, 1959	9.64	1,940
	Sept.27, 1953	15.21	4,990				
				1960	Apr. 4, 1960	16.25	6,640
1954	Dec. 4, 1953	20.80	17,200				
	Dec. 6, 1953	16.69	7,580	1961	Feb. 23, 1961	11.04	2,630
					Apr. 12, 1961	14.75	4,960
1955	Apr. 14, 1955	17.19	8,580		Apr. 16, 1961	13.12	3,790
	May 23, 1955	12.05	2,920		June 21, 1961	15.74	5,990

a Period Mar. 16 to Sept. 30, 1950.

3705. Big Coldwater Creek near Milton, Fla.
(Published as "Coldwater Creek" prior to 1957)

Location.--Lat 30°42'30", long 86°58'20", in SW¼ sec.5, T.2 N., R.27 W., at right bank on downstream side of bridge on State Highway 191, 2⅝ miles upstream from mouth and 6½ miles northeast of Milton, Santa Rosa County.

Drainage area.--237 sq mi.

Gage.--Nonrecording prior to Dec. 2, 1938; recording thereafter. Datum of gage is 9.10 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 2,700 cfs. Only annual peaks are shown prior to 1948.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Aug. 17, 1939	17.33	23,100	1953	May 7, 1953	7.97	3,810
1940	July 6, 1940	10.64	7,810		Sept.27, 1953	8.06	3,910
1941	Dec. 14, 1940	7.75	4,070	1954	Dec. 4, 1953	8.38	3,900
1942	Sept.27, 1942	7.49	3,740		Dec. 7, 1953	8.85	4,490
1943	Jan. 19, 1943	8.33	4,620				
1944	Sept.11, 1944	13.61	13,800	1955	Apr. 14, 1955	13.23	13,100
1945	Apr. 23, 1945	5.68	1,800				
				1956	Sept.24, 1956	7.49	3,290
1946	Dec. 26, 1945	10.23	7,120				
1947	Mar. 8, 1947	11.90	10,400	1957	Apr. 2, 1957	7.09	2,890
					Apr. 6, 1957	12.68	11,300
1948	Nov. 19, 1947	6.60	2,700				
	Mar. 4, 1948	6.80	2,930	1958	June 20, 1958	6.77	2,480
	Mar. 7, 1948	9.59	6,260				
				1959	Feb. 5, 1959	6.54	2,240
1949	Oct. 13, 1948	6.60	2,700				
	Nov. 23, 1948	8.06	4,350	1960	Oct. 15, 1959	7.70	3,180
	Apr. 30, 1949	6.86	3,000		Apr. 5, 1960	10.65	7,380
	July 4, 1949	6.74	2,860		Sept.17, 1960	11.94	9,780
1950	Apr. 5, 1950	a6.86	a3,000	1961	Feb. 20, 1961	8.02	3,580
	July 29, 1950	6.61	2,710		Feb. 24, 1961	7.60	3,060
	Sept. 1, 1950	8.32	4,640		Apr. 13, 1961	12.46	10,800
					June 21, 1961	12.01	9,920
1951	Mar. 20, 1951	8.71	5,100		Sept.16, 1961	7.88	3,400
1952	Mar. 25, 1952	6.52	2,610				

a Maximum daily mean, estimated.

3710. Conecuh River near Troy, Ala.

Location.--Lat 31°51', long 86°00', in NE¼ sec.13, T.10 N., R.20 E., at bridge on U.S. Highway 231, 1½ miles downstream from Mannings Creek and 3 miles north of Troy.

Drainage area.--253 sq mi.

Gage.--Nonrecording prior to Sept. 30, 1953; crest-stage gage thereafter. Datum of gage is 313.3 ft above mean sea level, datum of 1929 (levels by Alabama State Highway Department).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 2,500 cfs. Only annual peaks are shown since 1953.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1944	Mar. 23, 1944	15.58	16,500	1950	Apr. 6, 1950	10.5	2,820
1945	Feb. 25, 1945	9.06	1,260	1951	Mar. 21, 1951	8.3	820
1946	May 21, 1946	13.05	8,040	1952	Mar. 25, 1952	14.2	9,660
1947	Apr. 2, 1947	14.0	10,800	1953	Apr. 11, 1953	12.52	5,690
					May 6, 1953	15.96	16,800
1948	Dec. 13, 1947	10.76	3,270		Sept.28, 1953	12.56	5,890
	Dec. 17, 1947	10.47	2,800				
	Feb. 11, 1948	10.47	2,800	1954	Dec. 7, 1953	13.5	7,820
	Mar. 4, 1948	10.57	2,950	1955	Apr. 13, 1955	12.0	4,750
	Mar. 7, 1948	12.2	5,780				
	Mar. 12, 1948	10.30	2,500	1956	Mar. 18, 1956	11.2	3,430
	Mar. 20, 1948	10.57	2,950	1957	Apr. 5, 1957	13.6	8,070
				1958	Nov. 24, 1957	10.7	2,760
1949	Nov. 24, 1948	12.17	5,780	1959	Mar. 29, 1959	12.2	5,120
	Nov. 28, 1948	16.1	18,000	1960	Apr. 4, 1960	13.8	8,580
	Dec. 20, 1948	10.60	2,950				
	Feb. 11, 1949	10.88	3,440	1961	Aug. 31, 1961	14.58	10,800
	Feb. 20, 1949	10.48	2,360				
	Apr. 30, 1949	11.64	4,650				

3715. Conecuh River at Brantley, Ala.

Location.--Lat 31°34', long 86°15', in SE¼ sec.16, T.7 N., R.18 E., on left bank at downstream side of bridge on U.S. Highway 331 and State Highway 52, half a mile downstream from Moody Mill Creek and three-quarters of a mile southeast of Brantley.

Drainage area.--492 sq mi.

Gage.--Nonrecording prior to Nov. 1, 1938; recording thereafter. Datum of gage is 226.2 ft above mean sea level, datum of 1929 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--12 ft.

Remarks.--Base for partial-duration series, 4,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	Mar. 16, 1938	22.75	a15,400	1943	Jan. 21, 1943	21.56	13,000
					Mar. 23, 1943	22.87	15,600
1939	Mar. 2, 1939	20.00	10,600				
	Mar. 31, 1939	17.19	6,040	1944	Mar. 25, 1944	22.57	15,000
	Aug. 19, 1939	22.87	15,600		Apr. 22, 1944	17.60	6,450
					Apr. 28, 1944	22.22	14,200
1940	July 2, 1940	17.49	6,500				
				1945	Apr. 30, 1945	11.9	1,970
1941	Mar. 13, 1941	9.81	1,430				
				1946	Jan. 10, 1946	15.60	4,210
1942	Dec. 27, 1941	17.00	5,700		Mar. 31, 1946	17.80	6,710
	Feb. 20, 1942	16.17	4,800		May 22, 1946	19.87	9,920

a Annual peak only.

Peak stages and discharges of Conecuh River at Brantley, Ala.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1947	Apr. 4, 1947	20.43	10,800	1954	Dec. 7, 1953	19.52	9,250
	Apr. 17, 1947	17.11	5,820	1955	Apr. 18, 1955	15.41	4,030
1948	Dec. 16, 1947	15.70	4,030	1956	Mar. 19, 1956	15.29	3,940
	Mar. 7, 1948	18.6	7,850	1957	Dec. 27, 1956	17.6	6,450
	Mar. 22, 1948	15.53	4,120		Apr. 8, 1957	19.1	8,610
1949	Nov. 29, 1948	23.0	15,800	1958	Mar. 12, 1958	16.0	4,600
	May 2, 1949	17.51	6,320	1959	Mar. 30, 1959	17.6	6,450
1950	Apr. 8, 1950	14.5	3,330	1960	Apr. 4, 1960	22.3	14,400
1951	Apr. 20, 1951	11.39	1,810	1961	Feb. 21, 1961	19.42	9,120
1952	Mar. 26, 1952	20.7	11,300		Feb. 27, 1961	20.09	10,300
1953	Apr. 13, 1953	17.22	5,940		Sept. 2, 1961	22.11	14,000
	May 7, 1953	22.59	15,000				
	Sept.30, 1953	17.36	6,190				

3720. Patsaliga Creek at Luverne, Ala.

Location.--Lat 31°44', long 86°17', in SW¼ sec.29, T.9 N., R.18 E., near center of span on downstream side of bridge on U.S. Highway 331 and State Highway 9 and 10, 1 mile northwest of Luverne and 3 miles downstream from Pond Creek.

Drainage area.--249 sq mi.

Gage.--Nonrecording prior to Sept. 30, 1958; crest-stage gage thereafter. Datum of gage is 267.53 ft above mean sea level, datum of 1929, supplementary adjustment of 1943.

Stage-discharge relation.--Defined by current-meter measurements below 13,000 cfs and extended above by logarithmic plotting.

Bankfull stage.--10 ft.

Remarks.--Base for partial-duration series, 3,000 cfs. Only annual peaks are shown prior to 1948 and since 1958.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1944	Mar. 24, 1944	15.55	13,100	1952	May 27, 1952	12.42	3,560
1945	Feb. 16, 1945	10.43	1,400	1953	Apr. 12, 1953	13.0	4,340
1946	Jan. 7, 1946	13.71	7,550		May 7, 1953	12.8	3,980
1947	Apr. 3, 1947	12.9	5,560		Sept.29, 1953	12.6	3,650
1948	Dec. 12, 1947	12.58	4,860	1954	Dec. 6, 1953	14.2	7,280
	Mar. 4, 1948	12.60	4,860	1955	Apr. 16, 1955	12.4	3,340
	Mar. 7, 1948	13.4	6,800	1956	Mar. 14, 1956	11.4	2,240
	Mar. 11, 1948	11.98	3,640	1957	Dec. 25, 1956	14.5	8,270
	Mar. 20, 1948	12.40	4,430		Apr. 6, 1957	15.0	10,200
1949	Nov. 24, 1948	13.78	7,800	1958	Nov. 22, 1957	12.3	3,220
	Nov. 28, 1948	16.8	16,700		Mar. 9, 1958	13.4	5,160
	Dec. 20, 1948	12.10	3,830	1959	Mar. 29, 1959	14.6	8,630
	Feb. 11, 1949	12.28	4,220	1960	Apr. 4, 1960	16.4	15,500
	Feb. 21, 1949	12.37	4,430	1961	Feb. 26, 1961	15.07	10,300
1950	Apr. 6, 1950	13.3	6,550				
1951	Feb. 4, 1951	10.6	1,690				
1952	Mar. 25, 1952	14.05	7,310				

3725. Conecuh River near Andalusia, Ala.
(Published as "at Beck" 1904-19)

Location.--Lat 31°16', long 86°36', in NE¼ sec.1, T.3 N., R.14 E., on left bank on downstream side of Simmons Bridge on county road, 7½ miles southwest of Andalusia and 10½ miles downstream from Patsaliga Creek.

Drainage area.--1,344 sq mi.

Gage.--Nonrecording prior to Dec. 31, 1919; recording Sept. 1, 1929, to Sept. 30, 1952; crest-stage gage thereafter. Datum of gage is 106.77 ft above mean sea level, datum of 1929 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 36,000 cfs and extended above on basis of a slope-area measurement at 154,000 cfs.

Bankfull stage.--30 ft.

Historical data.--Maximum stage known, that of Mar. 15, 1929.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1905	Feb. 18, 1905	24.1	13,100	1938	Mar. 17, 1938	37.3C	33,300
				1939	Aug. 20, 1939	38.5C	36,200
1906	Sept.29, 1906	16.6	8,050	1940	Feb. 19, 1940	26.4C	12,500
1907	Oct. 4, 1906	17.9	8,830				
1908	Mar. 28, 1908	32.1	20,200	1941	Mar. 10, 1941	14.34	5,340
1909	June 6, 1909	25.5	14,100	1942	Dec. 30, 1941	22.4E	9,710
1910	Apr. 21, 1910	16.5	7,940	1943	Mar. 24, 1943	37.4	32,300
				1944	Mar. 24, 1944	36.8	31,200
1911	Apr. 2, 1911	14.4	6,750	1945	Apr. 29, 1945	21.4	9,060
1912	Apr. 22, 1912	31.6	19,600				
1913	Mar. 18, 1913	41.4	54,500	1946	May 22, 1946	31.2	18,100
1914	Feb. 10, 1914	7.7	2,970	1947	Apr. 6, 1947	30.5	16,800
1915	Jan. 25, 1915	15.5	7,380	1948	Mar. 8, 1948	33.4	22,100
				1949	Nov. 30, 1948	37.5	35,400
1916	July 8, 1916	30.7	18,700	1950	Apr. 9, 1950	23.6	10,300
1917	Mar. 9, 1917	22.8	a12,200				
1918	Oct. 3, 1917	29.5	17,600	1951	Apr. 21, 1951	17.8	7,300
1919	Dec. 26, 1918	34.6	25,300	1952	Mar. 29, 1952	30.7	16,900
				1953	May 9, 1953	31.8	18,900
1929	Mar. 15, 1929	47.6	154,000	1954	Dec. 8, 1953	31.9	19,000
1930	Nov. 20, 1929	23.92	11,300	1955	Apr. 18, 1955	31.3	18,000
1931	Nov. 20, 1930	26.90	13,600	1956	Mar. 18, 1956	20.4	8,700
1932	Jan. 6, 1932	17.42	6,640	1957	Apr. 7, 1957	29.0	14,400
1933	Mar. 24, 1933	30.43	18,400	1958	Mar. 8, 1958	18.2	7,500
1934	Mar. 9, 1934	24.68	11,800	1959	Mar. 30, 1959	26.7	12,600
1935	Mar. 11, 1935	27.77	14,500	1960	Apr. 5, 1960	33.8	23,000
1936	Jan. 20, 1936	34.65	26,400	1961	Feb. 23, 1961	32.4E	20,100
1937	Apr. 9, 1937	36.17	29,600				

a Maximum peak discharge; maximum discharge during year, 16,200 cfs at 2400 hours Sept. 30, stage rising.

3730. Sepulga River near McKenzie, Ala.

Location.--Lat 31°27', long 86°47', in SE¼ sec.30, T.6 N., R.13 E., on left bank at downstream side of Watt Bridge on U.S. Highway 31, three-eighths of a mile upstream from Old Town Creek, 2½ miles upstream from Piney Woods Creek, 5½ miles downstream from Persimmon Creek, and 7 miles southwest of McKenzie.

Drainage area.--464 sq mi.

Gage.--Nonrecording prior to Mar. 25, 1939; recording thereafter. Datum of gage is 155.96 ft above mean sea level, unadjusted (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--22 ft.

Historical data.--Maximum stage known, that of March 1929, from information by local residents.

Remarks.--Base for partial-duration series, 3,500 cfs.

Peak stages and discharges of Sepulga River near McKenzie, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	March 1929	a33	-	1947	Apr. 18, 1947	9.50	4,340
1938	Mar. 17, 1938	a24.5	28,100	1948	Dec. 14, 1947	9.56	4,330
					Mar. 8, 1948	19.2	13,300
1939	Mar. 2, 1939	17.20	10,200				
	Aug. 18, 1939	19.48	13,400	1949	Nov. 28, 1948	23.6	21,200
					Apr. 2, 1949	10.60	5,080
1940	Feb. 20, 1940	16.00	9,000		May 4, 1949	11.85	6,120
	Apr. 8, 1940	9.78	4,550		July 18, 1949	11.16	5,560
	June 18, 1940	9.34	4,120				
	July 9, 1940	10.43	5,000	1950	July 30, 1950	7.70	2,950
1941	Dec. 18, 1940	9.21	4,030	1951	Apr. 21, 1951	12.9	6,920
	Jan. 18, 1941	8.73	3,570				
	Mar. 9, 1941	9.43	4,210	1952	Mar. 25, 1952	11.6	5,880
1942	Dec. 26, 1941	13.46	7,100	1953	May 5, 1953	8.29	3,370
	Jan. 4, 1942	9.50	4,300				
	Feb. 19, 1942	10.23	4,850	1954	Dec. 8, 1953	14.06	7,940
	Mar. 10, 1942	9.35	4,210		Dec. 14, 1953	10.72	5,160
	Mar. 24, 1942	11.39	5,750				
	Apr. 12, 1942	11.33	5,680	1955	Apr. 16, 1955	15.86	9,550
1943	Jan. 20, 1943	9.39	4,210	1956	Mar. 18, 1956	9.26	4,110
	Mar. 8, 1943	10.43	5,000		Sept.25, 1956	10.89	5,320
	Mar. 23, 1943	21.82	19,100				
				1957	Dec. 25, 1956	16.2	9,840
1944	Nov. 9, 1943	13.07	6,810		Apr. 7, 1957	19.8	14,000
	Jan. 17, 1944	9.76	4,550				
	Mar. 24, 1944	21.78	19,100	1958	Mar. 10, 1958	8.23	3,250
	Mar. 31, 1944	22.33	20,600				
	Apr. 28, 1944	21.20	17,500	1959	Feb. 7, 1959	8.77	3,760
					Sept.15, 1959	8.61	3,610
1945	May 1, 1945	8.11	3,040				
				1960	Jan. 20, 1960	9.90	4,560
1946	Jan. 8, 1946	21.91	19,400		Mar. 5, 1960	8.57	3,640
	Feb. 21, 1946	8.54	3,540		Mar. 17, 1960	9.47	4,280
	Mar. 10, 1946	8.68	3,710		Apr. 1, 1960	20.94	15,200
	Mar. 18, 1946	9.83	4,570		Apr. 5, 1960	20.75	15,100
	Mar. 30, 1946	12.87	6,690				
	May 22, 1946	17.92	11,000	1961	Feb. 21, 1961	16.30	9,700
	June 3, 1946	15.06	8,260		Feb. 26, 1961	24.70	23,300
	July 16, 1946	9.57	4,420		Mar. 20, 1961	10.06	4,670
	Aug. 7, 1946	17.36	10,400		Apr. 2, 1961	14.22	7,800
	Sept.26, 1946	14.90	8,100		Apr. 14, 1961	12.65	6,520
					June 26, 1961	10.60	5,050
1947	Jan. 16, 1947	9.03	3,950				
	Mar. 10, 1947	11.70	5,940				
	Mar. 15, 1947	8.74	3,710				
	Apr. 4, 1947	16.54	9,470				

a Annual peak only.

3735. Pigeon Creek near Thad, Ala.

Location.--Lat 31°29', long 86°39', in N½ sec.21, T.6 N., R.14 E., on left bank near downstream side of bridge on State Highway 55, 1½ miles upstream from Louisville & Nashville Railroad bridge, 2 miles southeast of Thad, 3 miles upstream from Reedy Creek, and 5½ miles southeast of McKenzie.

Drainage area.--296 sq mi.

Gage.--Nonrecording prior to Oct. 24, 1938; recording thereafter. Datum of gage is 172.58 ft above mean sea level, datum of 1929, supplementary adjustment of 1943.

Stage-discharge relation.--Defined by current-meter measurements below 14,000 cfs and extended above by logarithmic plotting.

Bankfull stage.--9.5 ft.

Historical data.--Maximum stage known, that of March 1929, from information by local residents.

Remarks.--Base for partial-duration series, 2,000 cfs.

Peak stages and discharges of Pigeon Creek near Thad, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	March 1929	a30	-	1949	Nov. 29, 1948	27.1	17,100
					Jan. 8, 1949	13.69	2,060
1938	Mar. 18, 1938	a26.06	14,400		Feb. 14, 1949	14.07	2,180
					Apr. 3, 1949	15.31	2,700
1939	Mar. 3, 1939	20.70	5,810		May 2, 1949	14.60	2,380
	Mar. 30, 1939	17.36	3,620		July 19, 1949	16.51	3,270
	Aug. 17-18, 1939	25.31	12,600				
				1950	July 29, 1950	10.13	1,110
1940	Feb. 18, 1940	17.56	3,740				
	Apr. 8, 1940	16.02	2,870	1951	Apr. 20, 1951	14.9	2,520
	July 8, 1940	16.84	3,290				
				1952	Mar. 25, 1952	16.6	3,320
1941	Dec. 20, 1940	14.62	2,180		May 22, 1952	14.1	2,180
					May 29, 1952	14.2	2,220
1942	Dec. 27, 1941	20.61	5,730				
	Feb. 18, 1942	14.83	2,270	1953	May 4, 1953	14.63	2,430
	Mar. 25, 1942	15.88	2,820				
	Apr. 13, 1942	15.83	2,770	1954	Dec. 7, 1953	20.61	5,860
1943	Jan. 22, 1943	16.30	3,030	1955	Apr. 14, 1955	17.34	3,500
	Mar. 23, 1943	25.20	13,400		May 21, 1955	13.90	2,070
1944	Mar. 23, 1944	23.42	8,900	1956	Mar. 17, 1956	13.07	1,830
	Mar. 31, 1944	24.28	10,900				
	Apr. 28, 1944	24.98	12,800	1957	Dec. 27, 1956	17.2	3,450
					Apr. 7, 1957	20.7	5,930
1945	Apr. 28, 1945	12.67	1,570				
				1958	Mar. 19-20, 1958	-	b1,700
1946	Jan. 8, 1946	25.06	12,600				
	Mar. 30, 1946	15.68	2,640	1959	Mar. 30, 1959	17.6	3,670
	May 21, 1946	18.60	4,210				
	June 4, 1946	19.29	4,650	1960	Apr. 1, 1960	24.33	9,680
	Aug. 9, 1946	18.91	4,400		Apr. 5, 1960	23.83	9,240
1947	Mar. 8, 1947	15.20	2,540	1961	Feb. 23, 1961	20.21	5,530
	Apr. 5, 1947	18.46	4,220		Feb. 27, 1961	27.27	15,500
	Apr. 16, 1947	14.83	2,380		Apr. 3, 1961	18.05	3,940
					Apr. 12, 1961	16.27	2,980
1948	Dec. 15, 1947	15.56	2,830				
	Mar. 7, 1948	22.2	7,540				

a Annual peak only. b Maximum daily discharge.

3740. Conecuh River near Brooklyn, Ala.

Location.--Lat 31°10', long 86°48', in W½ sec.6, T.2 N., R.13 E., on downstream side of right pier of bridge on U.S. Highway 29, 3 miles downstream from Sepulga River and 7 miles southwest of Brooklyn.

Drainage area.--2,460 sq mi.

Gage.--Nonrecording prior to Sept. 5, 1937; recording thereafter. Datum of gage is 76.95 ft above mean sea level, datum of 1929, supplementary adjustment of 1943.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--30 ft.

Historical data.--Maximum stage known, that of Mar. 15, 1929, from information by State Highway Department.

Remarks.--Base for partial-duration series, 16,000 cfs.

Peak stages and discharges of Conecuh River near Brooklyn, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	Mar. 15, 1929	a47	-	1946	Mar. 31, 1946	25.30	19,000
					May 25, 1946	31.37	29,900
1936	Jan. 22, 1936	34.4	a39,000		June 3, 1946	27.11	21,800
					Aug. 10, 1946	28.00	23,200
1937	Apr. 9, 1937	36.65	50,100				
				1947	Mar. 10, 1947	25.62	19,500
1938	Mar. 20, 1938	38.03	60,700		Mar. 14, 1947	24.16	17,500
	Apr. 12, 1938	33.42	34,800		Apr. 7, 1947	30.10	27,000
	July 29, 1938	26.45	18,400		Apr. 17, 1947	26.34	20,600
1939	Mar. 5, 1939	32.44	31,600	1948	Dec. 16, 1947	24.10	17,300
	Apr. 2, 1939	25.03	16,300		Mar. 10, 1948	33.8	36,700
	Aug. 21, 1939	37.85	59,100				
				1949	Dec. 1, 1948	38.6	67,300
1940	Feb. 22, 1940	27.99	21,300		May 5, 1949	23.38	16,400
1941	Dec. 17, 1940	18.65	10,300	1950	Apr. 10, 1950	18.8	10,800
1942	Dec. 29, 1941	23.34	14,400	1951	Apr. 23, 1951	23.7	16,800
1943	Jan. 23, 1943	29.95	26,700	1952	Mar. 29, 1952	27.2	21,900
	Mar. 25, 1943	37.85	59,100				
				1953	May 10, 1953	26.8	21,300
1944	Mar. 27, 1944	37.10	53,300				
	Apr. 16, 1944	25.85	19,300	1954	Dec. 10, 1953	30.68	28,300
	Apr. 30, 1944	36.18	47,400				
	Sept.12, 1944	30.53	27,800	1955	Apr. 15, 1955	30.36	27,600
1945	Apr. 30, 1945	21.83	14,300	1956	Mar. 19, 1956	21.17	13,500
1946	Jan. 12, 1946	29.58	26,000	1957	Dec. 27, 1956	25.8	19,800
	Mar. 18, 1946	23.48	16,500		Apr. 10, 1957	30.9	28,700

a Annual peak only.

3745. Murder Creek near Evergreen, Ala.

Location.--Lat 31°25', long 87°00', in NW¼ sec.8, T.5 N., R.11 E., on left bank near upstream side of bridge on U.S. Highway 31, 1 mile upstream from Louisville & Nashville Railroad bridge and 2½ miles southwest of Evergreen.

Drainage area.--170 sq mi.

Gage.--Nonrecording prior to Mar. 25, 1939; recording thereafter. Datum of gage is 178.29 ft above mean sea level, datum of 1929, supplementary adjustment of 1943 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 9,900 cfs and extended above by logarithmic plotting.

Bankfull stage.--7 ft.

Remarks.--Base for partial-duration series, 2,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	March 1929	a26.6	-	1944	Mar. 7, 1944	10.57	2,320
					Mar. 23, 1944	12.40	5,860
1938	Mar. 16, 1938	16.65	a20,000		Mar. 29, 1944	12.69	6,660
					Apr. 19, 1944	11.13	3,260
1939	Feb. 28, 1939	11.41	3,710		Apr. 27, 1944	11.20	3,350
	Mar. 30, 1939	12.27	5,610		Sept.11, 1944	10.50	2,250
	Aug. 17, 1939	11.90	4,700				
				1945	Apr. 29, 1945	10.32	2,090
1940	Feb. 18, 1940	10.08	1,760		Aug. 3, 1945	10.23	2,040
1941	Dec. 17, 1940	11.00	3,010	1946	Nov. 22, 1945	10.87	3,430
					Jan. 7, 1946	12.57	6,900
1942	Dec. 24, 1941	11.52	3,900		Feb. 20, 1946	9.97	2,000
					Mar. 17, 1946	10.39	2,600
1943	Jan. 19, 1943	10.79	2,690		Mar. 28, 1946	10.57	2,920
	Mar. 17, 1943	10.73	2,620		May 20, 1946	12.23	5,910
	Mar. 22, 1943	11.60	4,090		June 1, 1946	11.96	5,460
	Mar. 26, 1943	10.35	2,060		Aug. 7, 1946	10.62	2,920
					Sept.24, 1946	11.57	4,660
1944	Nov. 8, 1943	12.77	6,800				

a Annual peak only.

Peak stages and discharges of Murder Creek near Evergreen, Ala.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1947	Mar. 8, 1947	10.18	2,090	1956	July 9, 1956	10.61	2,840
	Apr. 2, 1947	11.00	3,180		Sept.25, 1956	10.52	2,430
1948	Nov. 12, 1947	9.88	2,050	1957	Dec. 24, 1956	12.1	5,150
	Dec. 11, 1947	10.20	2,400		Apr. 5, 1957	10.8	2,840
	Mar. 3, 1948	11.2	4,100				
	Mar. 7, 1948	10.90	3,510	1958	Feb. 7, 1958	9.26	1,230
1949	Nov. 24, 1948	11.91	5,620	1959	Mar. 27, 1959	10.24	2,060
	Nov. 27, 1948	13.5	10,000		June 10, 1959	11.15	3,460
	Mar. 22, 1949	10.40	2,670				
	May 2, 1949	-	(b)	1960	Mar. 30, 1960	11.29	3,880
					Apr. 3, 1960	11.77	4,790
1950	Apr. 5, 1950	8.91	1,190				
				1961	Feb. 19, 1961	11.19	3,520
1951	Mar. 29, 1951	10.05	2,220		Feb. 25, 1961	16.13	22,000
	Apr. 20, 1951	9.93	2,100		Mar. 31, 1961	10.49	2,390
					Apr. 12, 1961	10.65	2,620
1952	Mar. 24, 1952	10.2	2,400		June 21, 1961	10.62	2,580
1953	July 22, 1953	9.8	1,800				
1954	Dec. 4, 1953	10.89	2,840				
1955	Apr. 14, 1955	12.58	6,260				

b Stage and discharge unknown.

3750. Big Escambia Creek at Flomaton, Ala.
(Published as "Escambia River" 1939-49 and as "Escambia Creek" thereafter)

Location.--Lat 31°01', long 87°15' in NE¼ sec.33, T.1 N., R.8 E., at bridge on U.S. Highway 31 at north edge of Flomaton, 1¼ miles upstream from Louisville & Nashville Railroad bridge, 1½ miles upstream from Alabama-Florida State line, and 4 miles upstream from mouth.

Drainage area.--323 sq mi.

Gage.--Nonrecording prior to June 5, 1939; recording June 5, 1939, to Dec. 31, 1951; crest-stage gage thereafter. Prior to June 1, 1942, at site 400 ft upstream at same datum. Datum of gage is 52.40 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 9,100 cfs at present site. Extension above 9,100 cfs based on three current-meter measurements between 11,300 cfs and 17,400 cfs at previous site and one slope-area measurement at 41,000 cfs.

Bankfull stage.--9 ft.

Remarks.--Base for partial-duration series, 4,000 cfs. Only annual peaks are shown since 1951.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	March 1929	25.9	-	1944	Mar. 29, 1944	10.23	6,720
					Apr. 15, 1944	9.90	6,210
1939	Sept.27, 1939	19.26	41,400		Apr. 24, 1944	10.43	6,850
					Sept.11, 1944	9.59	5,850
1940	Feb. 18, 1940	8.60	4,330				
	May 1, 1940	10.36	6,250	1945	Nov. 28, 1944	7.77	4,020
	June 15, 1940	8.90	4,640		Apr. 29, 1945	9.64	5,850
1941	Jan. 17, 1941	6.38	2,790	1946	Jan. 6, 1946	10.22	6,590
					Mar. 16, 1946	9.65	5,850
1942	Jan. 2, 1942	11.90	8,250		Mar. 29, 1946	10.56	7,060
	Mar. 22, 1942	8.48	4,240		May 15, 1946	8.33	4,370
	Apr. 9, 1942	8.30	4,050		May 22, 1946	9.50	5,580
					Sept.24, 1946	10.52	6,910
1943	Jan. 19, 1943	8.26	4,470				
	Mar. 6, 1943	8.71	4,870	1947	Jan. 14, 1947	8.52	4,470
	Mar. 18, 1943	8.90	5,070		Mar. 8, 1947	11.03	7,880
	Mar. 21, 1943	10.45	6,850		Mar. 14, 1947	9.03	5,110
	Mar. 26, 1943	8.40	4,570		Apr. 2, 1947	9.93	6,100
					Apr. 16, 1947	9.48	5,500
1944	Nov. 9, 1943	10.80	7,430				
	Mar. 23, 1944	12.25	9,990	1948	Dec. 12, 1947	9.03	5,060

Peak stages and discharges of Big Escambia Creek at Flomaton, Ala.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1948	Mar. 4, 1948	9.18	4,890	1953	Apr. 26, 1953	7.8	3,590
	Mar. 7, 1948	10.4	6,490	1954	Dec. 6, 1953	11.8	8,870
				1955	Apr. 14, 1955	19.4	42,400
1949	Nov. 25, 1948	11.32	7,980				
	Nov. 28, 1948	14.5	15,400	1956	Sept.25, 1956	6.9	2,930
	Mar. 22, 1949	10.34	6,330	1957	Dec. 25, 1956	8.6	4,270
	May 2, 1949	10.58	6,810	1958	Sept.22, 1958	7.7	2,790
				1959	Sept.14, 1959	9.6	5,360
1950	Apr. 5, 1950	8.87	4,570	1960	Apr. 3, 1960	11.6	8,540
1951	Mar. 19, 1951	10.3	6,330	1961	Apr. 12, 1961	12.83	10,900
1952	Mar. 24, 1952	9.0	4,670				

3755. Escambia River near Century, Fla.

Location.--Lat 30°57'25", long 87°14'00", in NW¼ sec.10, T.5 N., R.30 W., Santa Rosa County, on left bank 16 ft downstream from bridge on State Highway 4, 1.2 miles downstream from Escambia Creek, and 1¾ miles east of Century, Escambia County.

Drainage area.--3,817 sq mi.

Gage.--Nonrecording prior to Jan. 13, 1940; recording thereafter. Datum of gage is 28.34 ft above mean sea level (Florida State Road Department bench mark).

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--Maximum stage known, 37.8 ft in March 1929, from information by local residents (discharge, 315,000 cfs, from rating curve extended above 72,000 cfs).

Remarks.--Base for partial-duration series, 23,000 cfs. Only annual peaks are shown prior to 1948 and 1951-60.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	March 1929	37.8	315,000	1949	Dec. 2, 1948	20.43	70,200
					May 3, 1949	17.13	27,700
1935	Mar. 9, 1935	17.72	33,300				
				1950	Apr. 6, 1950	15.38	17,400
1936	Jan. 3, 1936	19.40	57,100				
1937	Apr. 11, 1937	20.05	64,400	1951	Apr. 24, 1951	16.49	23,100
1938	Mar. 22, 1938	20.66	73,900	1952	Mar. 26, 1952	17.25	28,800
1939	Aug. 22, 1939	20.10	69,800	1953	May 12, 1953	16.73	24,600
1940	July 11, 1940	17.56	32,700	1954	Dec. 7, 1953	18.59	45,300
				1955	Apr. 15, 1955	20.51	71,300
1941	Dec. 19, 1940	15.45	16,300				
1942	Jan. 3, 1942	17.41	30,300	1956	Mar. 17, 1956	15.80	18,100
1943	Mar. 26, 1943	20.57	72,600	1957	Apr. 7, 1957	18.41	42,800
1944	Mar. 30, 1944	20.00	64,400	1958	Mar. 12, 1958	15.15	17,500
1945	May 1, 1945	16.57	22,700	1959	Apr. 4, 1959	16.38	21,200
				1960	Apr. 5, 1960	20.94	77,200
1946	Mar. 29, 1946	17.69	33,900				
1947	Apr. 17, 1947	17.68	33,900	1961	Feb. 27, 1961	19.27	54,500
					Mar. 20, 1961	17.07	26,100
1948	Dec. 16, 1947	16.80	24,300		Apr. 2, 1961	17.59	32,200
	Mar. 11, 1948	18.64	45,400		Apr. 14, 1961	18.01	37,600

3760. Pine Barren Creek near Barth, Fla.

Location.--Lat 30°47'55", long 87°22'05", in SW¼ sec.5, T.3 N., R.31 W., near right bank 10 ft downstream from Wiggins Bridge on private road, 0.3 mile upstream from Blue Water Creek, and 4.0 miles northwest of Barth, Escambia County.

Drainage area.--75.3 sq mi.

Gage.--Recording. Datum of gage is 29.86 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 2,100 cfs and extended above on basis of slope-area measurement at 24,800 cfs.

Remarks.--Base for partial-duration series, 700 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1953	Feb. 15, 1953	-	-	1959	June 10, 1959	9.75	882
	Apr. 12, 1953	8.82	737		Sept.13, 1959	9.50	842
	May 5, 1953	10.56	1,120	1960	Oct. 10, 1959	9.54	848
1954	Dec. 6, 1953	13.26	3,450		Apr. 2, 1960	10.38	994
					Apr. 4, 1960	12.90	2,870
1955	Apr. 14, 1955	18.0	24,800		May 8, 1960	9.93	911
	Aug. 1, 1955	9.67	889		Sept.16, 1960	11.24	1,330
1956	Feb. 17, 1956	8.64	704	1961	Feb. 18, 1961	11.63	1,590
	Mar. 12, 1956	10.14	938		Feb. 23, 1961	9.73	879
	Sept.24, 1956	11.35	1,400		Mar. 18, 1961	13.33	3,670
					Mar. 31, 1961	13.23	3,390
1957	Mar. 25, 1957	8.63	703		Apr. 12, 1961	13.83	4,700
	Apr. 2, 1957	9.64	864		Apr. 16, 1961	10.01	924
	Apr. 5, 1957	15.1	8,050		June 20, 1961	11.93	1,860
	May 3, 1957	9.74	880		July 14, 1961	9.91	912
	Sept.19, 1957	10.21	958		Aug. 7, 1961	11.01	1,200
					Aug. 10, 1961	10.77	1,100
1958	June 21, 1958	9.88	903				

PERDIDO RIVER BASIN

3765. Perdido River at Barrineau Park, Fla.

Location.--Lat 30°41'25", long 87°26'25", in NW¼ sec.23, T.4 S., R.6 E., Baldwin County, Ala., on right bank 25 ft downstream from county highway bridge, 1,000 ft downstream from Alligator Creek, and half a mile southwest of Barrineau Park, Escambia County.

Drainage area.--394 sq mi.

Gage.--Nonrecording prior to Aug. 22, 1949; recording thereafter. Datum of gage is 25.77 ft above mean sea level datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 8,500 cfs.

Historical data.--Flood of Mar. 15, 1929, is the greatest known, from information by local residents.

Remarks.--Base for partial-duration series, 4,000 cfs. Only annual peaks are shown prior to 1949.

Peak stages and discharges of Perdido River at Barrineau Park, Fla.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	Mar. 15, 1929	25.7	-	1954	Dec. 6, 1953	16.60	11,100
1941	Sept.26, 1941	10.10	a3,660	1955	Apr. 15, 1955	23.94	39,000
1942	Jan. 3, 1942	-	9,200				
1943	Jan. 19, 1943	12.04	5,260	1956	Mar. 14, 1956	10.92	4,170
1944	Mar. 24, 1944	16.17	9,390		Sept.25, 1956	11.33	4,440
1945	Apr. 23, 1945	8.16	2,570				
				1957	Apr. 7, 1957	15.62	9,440
1946	Mar. 29, 1946	14.33	7,390		May 4, 1957	12.06	4,980
1947	Mar. 9, 1947	15.62	8,740				
1948	Mar. 4, 1948	11.00	4,440	1958	June 22, 1958	11.94	4,880
1949	Nov. 24, 1948	12.00	5,260	1959	May 23, 1959	10.78	4,090
	Nov. 29, 1948	13.50	6,600		June 11, 1959	10.70	4,040
	Mar. 24, 1949	14.30	7,390		Sept.15, 1959	10.72	4,050
	May 2, 1949	11.20	4,600				
				1960	Oct. 14, 1959	10.70	4,040
1950	Apr. 6, 1950	14.07	6,800		Apr. 4, 1960	14.68	7,940
	Sept. 2, 1950	12.20	5,260				
				1961	Feb. 19, 1961	12.22	5,120
1951	Mar. 21, 1951	14.45	7,150		Mar. 18, 1961	13.33	6,190
					Apr. 1, 1961	14.05	7,080
1952	Feb. 17, 1952	9.40	3,250		Apr. 12, 1961	15.72	9,610
					June 22, 1961	14.18	7,250
1953	July 17, 1953	8.50	2,730				

a Maximum for period June 9 to Sept. 30, 1941.

3775. Styx River near Loxley, Ala.

Location.--Lat 30°39'50", long 87°38'20", in S½ sec.26, T.4 S., R.4 E., near right bank on downstream side of pier of bridge on county road, 2 miles upstream from Hollinger Creek and 7 miles northeast of Loxley.

Drainage area.--93.2 sq mi.

Gage.--Recording. Altitude of gage is 39 ft (by barometer).

Stage-discharge relation.--Defined by current-meter measurements below 6,600 cfs and by indirect measurement at 14,100 cfs.

Bankfull stage.--13 ft.

Remarks.--Base for partial-duration series, 1,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1926	September 1926	22.2	-	1958	June 18, 1958	5.93	1,380
					July 15, 1958	5.10	1,190
1952	Feb. 16, 1952	6.6	1,510		Sept.16, 1958	4.50	1,000
	May 21, 1952	-	(a)		Sept.21, 1958	4.84	1,100
	Sept.19, 1952	7.5	1,730				
				1959	Feb. 5, 1959	6.07	1,430
1953	Mar. 15, 1953	5.08	1,080		May 22, 1959	8.06	1,900
	Apr. 12, 1953	7.85	1,790		May 31, 1959	6.30	1,470
	July 16, 1953	6.37	1,460		June 10, 1959	4.89	1,120
					June 15, 1959	4.59	1,020
1954	Nov. 22, 1953	4.85	1,030		Sept.13, 1959	11.8	3,110
	Dec. 6, 1953	19.73	14,000				
				1960	Oct. 14, 1959	8.57	2,340
1955	Apr. 14, 1955	10.57	2,520		Oct. 17, 1959	5.74	1,330
	Aug. 2, 1955	5.46	1,290		Mar. 15, 1960	5.24	1,210
					Apr. 4, 1960	13.31	3,780
1956	Mar. 12, 1956	8.09	1,900		May 8, 1960	7.22	1,680
	Sept.24, 1956	8.12	1,680		Aug. 21, 1960	4.69	1,060
					Sept.16, 1960	7.04	1,630
1957	Mar. 25, 1957	6.7	1,560				
	Apr. 1, 1957	6.5	1,520	1961	Feb. 19, 1961	12.38	3,340
	Apr. 5, 1957	17.5	7,430		Feb. 23, 1961	5.56	1,300
	May 5, 1957	-	(a)		Mar. 18, 1961	-	(a)
	Sept.20, 1957	7.1	1,660		Apr. 12, 1961	-	(a)
					June 20, 1961	14.74	4,590
1958	Nov. 15, 1957	4.84	1,100		June 24, 1961	13.57	3,920
	Mar. 6, 1958	8.25	1,920		Aug. 7, 1961	5.47	1,280
	Mar. 9, 1958	6.14	1,430		Sept. 3, 1961	6.30	1,470

a Stage and discharge unknown.

3785. Fish River near Silver Hill, Ala.

Location.--Lat 30°32'45", long 87°47'55", on line between secs.5 and 8, T.6 S., R.3 E., near midchannel on upstream side of bridge on State Highway 104, a quarter of a mile downstream from Caney Branch, half a mile upstream from Perone Branch, $2\frac{3}{4}$ miles west of Silver Hill, and 12 miles upstream from mouth.

Drainage area.--55.1 sq mi.

Gage.--Recording. Altitude of gage is 20 ft (from topographic map).

Stage-discharge relation.--Defined by current-meter measurements below 5,800 cfs and extended above by logarithmic plotting.

Bankfull stage.--7 ft.

Remarks.--Base for partial-duration series, 750 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1954	Dec. 6, 1953	17.04	8,570	1958	July 23, 1958	9.55	1,050
1955	Aug. 2, 1955	6.66	443	1959	May 31, 1959	9.9	1,140
					Sept.13, 1959	11.5	1,970
1956	Mar. 12, 1956	9.71	1,090				
	Sept.25, 1956	9.36	839	1960	Oct. 14, 1959	9.80	1,100
					Oct. 17, 1959	8.85	752
1957	Apr. 1, 1957	9.7	1,090		Apr. 3, 1960	10.71	1,520
	Apr. 5, 1957	14.7	5,080				
	Sept.20, 1957	9.1	870	1961	Feb. 19, 1961	12.97	3,140
					Apr. 12, 1961	14.29	4,570
1958	Mar. 7, 1958	10.93	1,620		June 20, 1961	13.51	3,680
	Mar. 9, 1958	9.88	1,170		June 24, 1961	9.90	1,140

3795. Cartecay River near Ellijay, Ga.

Location.--Lat 34°41', long 84°27', on right bank adjacent to State Highway 52, three-quarters of a mile downstream from Owltown Creek, 2 miles southeast of Ellijay, Gilmer County, and 2 miles upstream from confluence with Ellijay River.

Drainage area.--135 sq mi.

Gage.--Nonrecording prior to Dec. 19, 1938; recording thereafter. Datum of gage is 1,255.39 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (Corps of Engineers bench mark).

Stage-discharge relation.--Defined by current-meter measurements below 4,000 cfs and extended above on basis of slope-area measurement at 20,000 cfs.

Bankfull stage.--6 ft.

Remarks.--Base for partial-duration series, 1,400 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	Apr. 8, 1938	13.0	a20,000	1950	Oct. 30, 1949	4.34	1,880
					Mar. 13, 1950	7.74	6,260
1939	Feb. 3, 1939	4.41	1,930		June 4, 1950	5.26	2,880
	Feb. 15, 1939	4.77	2,280				
	Feb. 28, 1939	4.51	2,030	1951	Mar. 7, 1951	3.88	1,480
	Mar. 6, 1939	3.83	1,460		Mar. 29, 1951	10.4	12,000
					Apr. 22, 1951	4.01	1,570
1940	Apr. 19, 1940	3.94	1,520				
	Aug. 13, 1940	4.43	1,980	1952	Nov. 1, 1951	3.88	1,440
					Dec. 21, 1951	5.5	3,120
1941	July 5, 1941	4.14	1,700		Mar. 11, 1952	6.8	4,860
					Mar. 23, 1952	6.0	3,750
1942	Feb. 17, 1942	5.73	3,360				
	Mar. 21, 1942	4.04	1,620	1953	Dec. 10, 1952	4.38	1,930
					Jan. 10, 1953	4.18	1,750
1943	Dec. 29, 1942	5.88	3,620		Feb. 21, 1953	5.33	2,940
	Jan. 18, 1943	4.91	2,440				
	Feb. 6, 1943	4.07	1,620	1954	Dec. 9, 1953	4.40	1,930
	Mar. 21, 1943	4.98	2,550		Jan. 16, 1954	9.6	10,000
					Jan. 22, 1954	6.0	3,750
1944	Feb. 18, 1944	3.84	1,440				
	Feb. 27, 1944	5.50	3,120	1955	Feb. 6, 1955	6.4	4,300
	Mar. 7, 1944	4.05	1,620		Feb. 23, 1955	4.42	1,930
	Mar. 19, 1944	5.04	2,600		Mar. 22, 1955	6.8	4,860
	Mar. 29, 1944	4.73	2,280		May 22, 1955	5.6	3,240
					July 28, 1955	4.32	1,840
1945	Feb. 17, 1945	3.50	1,150				
	Apr. 17, 1945	3.50	1,150	1956	Feb. 17, 1956	5.23	2,820
					Feb. 20, 1956	4.27	1,800
1946	Dec. 5, 1945	3.92	1,480		Apr. 6, 1956	4.59	2,130
	Jan. 8, 1946	5.35	2,940		Apr. 15, 1956	6.1	3,880
	Feb. 10, 1946	8.10	6,960		May 7, 1956	3.88	1,480
	Mar. 8, 1946	4.22	1,750				
	Mar. 16, 1946	3.83	1,440	1957	Jan. 31, 1957	6.25	4,020
	Mar. 29, 1946	5.87	3,620		Feb. 4, 1957	4.10	1,640
	Apr. 16, 1946	3.94	1,520		Apr. 4, 1957	7.53	5,940
	May 3, 1946	3.95	1,520		Apr. 8, 1957	4.20	1,730
	May 16, 1946	5.10	2,660				
	May 26, 1946	4.39	1,930	1958	Nov. 18, 1957	4.06	1,600
					Dec. 20, 1957	4.76	2,280
1947	Jan. 16, 1947	4.14	1,700				
	Jan. 20, 1947	7.46	5,940	1959	Jan. 21, 1959	4.27	1,780
1948	Feb. 8, 1948	3.91	1,480	1960	Mar. 3, 1960	3.55	1,140
	Feb. 12, 1948	5.56	3,240				
	Aug. 1, 1948	3.91	1,480	1961	Feb. 21, 1961	4.75	2,280
					Feb. 23, 1961	4.60	2,130
1949	Nov. 19, 1948	4.00	1,570		Feb. 25, 1961	7.12	5,300
	Nov. 28, 1948	6.77	4,860		Mar. 8, 1961	4.51	2,030
	Jan. 5, 1949	5.27	2,820		June 21, 1961	5.14	2,720
	Feb. 16, 1949	3.99	1,520		June 28, 1961	3.95	1,520
	Apr. 13, 1949	4.26	1,800				
	Sept. 6, 1949	4.72	2,230				

a Annual peak only.

3805. Coosawattee River near Ellijay, Ga.

Location.--Lat 34°41', long 84°31', half a mile downstream from State Highway 5, 2 miles southwest of Ellijay, Gilmer County, and 2¼ miles downstream from confluence of Cartecay and Ellijay Rivers.

Drainage area.--238 sq mi.

Gage.--Nonrecording prior to Apr. 10, 1940; recording thereafter. Prior to Apr. 10, 1940, at site half a mile upstream at datum 8.04 ft higher. Datum of gage is 1,216.04 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 13,000 cfs.

Bankfull stage.--8 ft.

Remarks.--Base for partial-duration series, 2,000 cfs. Supplemental peaks are shown for period 1942-49 only.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Feb. 15, 1939	7.20	4,570	1946	Jan. 8, 1946	7.7?	5,300
1940	Aug. 13, 1940	4.70	2,500		Feb. 10, 1946	14.3	13,000
					Mar. 8, 1946	5.00	2,760
1941	July 5, 1941	4.17	2,040		Mar. 29, 1946	8.07	5,690
					May 3, 1946	4.7?	2,400
1942	Feb. 17, 1942	8.16	5,790		May 16, 1946	5.9?	3,400
	Mar. 21, 1942	4.75	2,580		May 26, 1946	4.97	2,580
	Aug. 20, 1942	4.50	2,310		June 14, 1946	5.8?	3,300
1943	Dec. 6, 1942	4.23	2,040	1947	Jan. 16, 1947	5.77	3,500
	Dec. 29, 1942	9.78	7,470		Jan. 20, 1947	14.3	13,000
	Jan. 19, 1943	7.77	5,400		Apr. 14, 1947	4.2?	2,130
	Feb. 6, 1943	5.55	3,300		Apr. 16, 1947	4.31	2,130
	Mar. 21, 1943	6.82	4,440				
				1948	Feb. 8, 1948	4.7?	2,490
1944	Jan. 3, 1944	4.20	2,040		Feb. 12, 1948	8.9?	6,490
	Feb. 18, 1944	5.13	2,850		Mar. 7, 1948	4.2?	2,040
	Feb. 27, 1944	8.48	6,090				
	Mar. 7, 1944	5.24	2,940	1949	Nov. 19, 1948	4.8?	2,580
	Mar. 19, 1944	7.00	4,640		Nov. 28, 1948	13.1	11,400
	Mar. 29, 1944	6.95	4,640		Jan. 5, 1949	8.8?	6,390
					Feb. 10, 1949	4.2?	2,130
1945	Feb. 13, 1945	5.83	3,500		Feb. 16, 1949	5.10	2,850
	Feb. 17, 1945	4.68	2,400		Apr. 13, 1949	5.2?	3,030
					Sept. 6, 1949	5.72	3,120
1946	Dec. 5, 1945	5.10	2,760				
	Dec. 25, 1945	4.35	2,220	1951	Mar. 19, 1951	a20.7	-

a From floodmark.

3830. Rock Creek near Fairmount, Ga.

Location.--Lat 34°21'30", long 84°46'50", on right bank 30 ft downstream from bridge on State Highway 140, 2¾ miles upstream from mouth, and 7 miles southwest of Fairmount, Gordon County.

Drainage area.--5.61 sq mi.

Gage.--Recording. Datum of gage is 758.96 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 350 cfs and extended above by logarithmic plotting.

Remarks.--Base for partial-duration series, 200 cfs. Only annual peaks are shown prior to 1956.

Peak stages and discharges of Rock Creek near Fairmount, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	Mar. 22, 1952	4.01	735	1959	May 20, 1959	2.39	155
1953	Sept.25, 1953	3.04	313				
1954	Jan. 16, 1954	4.18	820	1960	Apr. 3, 1960	2.25	132
1955	Mar. 22, 1955	4.03	745				
				1961	Feb. 21, 1961	3.51	490
1956	Apr. 6, 1956	2.74	229		Feb. 23, 1961	2.78	239
	Apr. 16, 1956	2.82	249		Feb. 25, 1961	4.01	735
					Mar. 8, 1961	2.96	288
1957	Apr. 5, 1957	3.43	454				
1958	Sept.21, 1958	2.50	175				

3835. Coosawattee River at Pine Chapel, Ga.

Location.--Lat 34°35', long 84°52', on right bank at downstream edge of highway bridge at Pine Chapel, Gordon County, 4 miles downstream from Sallacoa Creek, 5 miles east of Resaca, and 6 miles upstream from confluence with Conasauga River.

Drainage area.--856 sq mi.

Gage.--Nonrecording prior to Feb. 23, 1940; recording thereafter. Since Feb. 23, 1940, auxiliary water-stage recorder at highway bridge 2 miles upstream. Datum of gage is 616.16 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 21,000 cfs and above by slope-conveyance studies to 34,000 cfs. Stage-discharge relation is affected by backwater, and the fall between gages is used as a factor in computing discharge.

Bankfull stage.--20 ft.

Remarks.--Base for partial-duration series, 6,000 cfs. Only annual peaks are shown prior to 1940.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	Apr. 8, 1938	30.0	34,000	1946	Mar. 9, 1946	18.6	7,160
1939	Feb. 16, 1939	20.7	9,680		Mar. 30, 1946	23.8	13,100
					May 4, 1946	18.6	7,160
1940	Mar. 14, 1940	a13.9	6,360		May 17, 1946	19.6	9,820
	July 13, 1940	-	b6,560				
				1947	Jan. 17, 1947	-	c10,700
1941	July 6, 1941	12.8	5,290		Jan. 21, 1947	-	c19,400
					Mar. 9, 1947	16.2	7,520
1942	Feb. 18, 1942	24.2	13,500		Apr. 15, 1947	17.4	8,280
	Mar. 22, 1942	19.4	9,680				
				1948	Feb. 9, 1948	a19.6	8,980
1943	Dec. 30, 1942	a27.7	23,300		Feb. 13, 1948	a23.6	11,300
	Jan. 19, 1943	17.8	8,560		Mar. 24, 1948	15.7	6,740
	Feb. 7, 1943	20.1	10,200				
	Mar. 17, 1943	16.1	7,460	1949	Nov. 20, 1948	a17.2	7,490
	Mar. 22, 1943	a24.7	13,800		Nov. 29, 1948	a28.3	26,700
					Jan. 7, 1949	24.6	14,500
1944	Jan. 3, 1944	14.4	6,440		Feb. 11, 1949	a17.0	7,700
	Feb. 10, 1944	a15.7	7,090		Feb. 17, 1949	a18.4	8,580
	Feb. 19, 1944	18.7	9,190		Sept. 7, 1949	a14.7	6,670
	Feb. 28, 1944	23.4	12,700				
	Mar. 8, 1944	19.6	9,820	1950	Nov. 1, 1949	a19.9	9,820
	Mar. 20, 1944	23.8	13,100		Mar. 14, 1950	a28.3	26,200
	Mar. 30, 1944	a25.5	15,900		June 5, 1950	a16.9	7,990
	May 25, 1944	15.6	6,940		Sept. 8, 1950	a22.2	11,800
1945	Feb. 14, 1945	19.5	9,750	1951	Mar. 8, 1951	a15.9	7,230
	Feb. 18, 1945	18.0	8,260		Mar. 30, 1951	30.8	40,200
	Mar. 5, 1945	17.6	8,420		Apr. 22, 1951	15.0	6,460
					July 2, 1951	16.6	8,010
1946	Dec. 5, 1945	14.4	6,440				
	Jan. 9, 1946	-	b12,200	1952	Dec. 15, 1951	a15.6	6,890
	Jan. 16, 1946	14.7	6,290		Dec. 22, 1951	a23.0	12,000
	Feb. 7, 1946	14.9	6,740		Dec. 26, 1951	a15.3	6,450
	Feb. 11, 1946	29.6	32,000		Jan. 29, 1952	16.1	6,960

a Occurred at different time than peak discharge.
b Computed on basis of auxiliary gage.
c Maximum daily discharge.

Peak stages and discharges of Coosawattee River at Pine Chapel, Ga.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	Mar. 4, 1952	15.6	6,900	1956	Feb. 21, 1956	a19.9	8,580
	Mar. 12, 1952	a23.5	12,300		Mar. 17, 1956	a14.9	5,660
	Mar. 24, 1952	a23.4	12,200		Apr. 7, 1956	a20.5	9,970
					Apr. 17, 1956	a21.8	10,800
1953	Dec. 11, 1952	14.2	6,290		May 8, 1956	a16.3	7,210
	Jan. 10, 1953	a19.5	9,310				
	Feb. 13, 1953	14.8	6,200	1957	Feb. 2, 1957	a25.7	17,100
	Feb. 16, 1953	16.5	7,040		Apr. 6, 1957	27.6	24,600
	Feb. 22, 1953	19.6	9,250				
	May 7, 1953	15.8	6,870	1958	Nov. 19, 1957	a19.4	7,980
					Dec. 21, 1957	a17.3	7,550
1954	Dec. 10, 1953	15.8	7,400		Apr. 28, 1958	a15.6	6,120
	Jan. 17, 1954	a29.9	35,200				
	Jan. 23, 1954	a25.1	15,500	1959	Jan. 22, 1959	a14.7	6,120
	Mar. 28, 1954	16.4	7,100		Feb. 14, 1959	a15.9	7,100
	Apr. 1, 1954	a15.1	6,330		Apr. 19, 1959	15.2	6,160
1955	Feb. 8, 1955	24.2	13,800	1960	Mar. 4, 1960	20.5	9,840
	Feb. 23, 1955	a16.8	7,580				
	Mar. 23, 1955	a22.0	11,800	1961	Feb. 26, 1961	a26.1	18,200
	May 23, 1955	a18.3	9,030		Mar. 9, 1961	a21.0	10,500
					Apr. 13, 1961	a15.3	6,670
1956	Feb. 7, 1956	a19.5	7,290		June 22, 1961	a19.6	9,500
	Feb. 18, 1956	a17.9	7,570				

a Occurred at different time than peak discharge.

3840. Conasauga River near Tennga, Ga.

Location.--Lat 35°00', long 84°44', at bridge on U.S. Highway 411, 1,000 ft downstream from Southern Railway bridge, 1 mile downstream from Ball Play Creek, 1½ miles north of Tennga, Murray County, and 3 miles upstream from Mill Creek.

Drainage area.--108 sq mi.

Gage.--Nonrecording prior to Sept. 30, 1943; recording Sept. 30, 1943, to Dec. 31, 1947; crest-stage gage after Aug. 24, 1950. Prior to Jan. 1, 1932, at datum 1.08 ft lower. Datum of gage is 755.78 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 14,000 cfs and extended above by logarithmic plotting.

Remarks.--Stage records for 1938, and 1940-43 furnished by Corps of Engineers. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1930	Nov. 15, 1929	14.4	4,940	1951	Mar. 28, 1951	17.54	16,400
1931	Apr. 4, 1931	14.0	4,380	1952	Mar. 10, 1952	16.02	11,400
				1953	Feb. 27, 1953	15.58	10,300
1938	April 1938	14.9	8,360	1954	Jan. 16, 1954	16.33	12,300
				1955	Feb. 6, 1955	14.13	6,520
1940	Feb. 6, 1940	9.5	1,880				
				1956	Apr. 16, 1956	15.64	10,300
1941	July 7, 1941	8.6	1,400	1957	Feb. 1, 1957	17.01	14,400
1942	Feb. 16, 1942	14.5	7,400	1958	Apr. 28, 1958	18.2	19,400
1943	Dec. 29, 1942	14.6	7,640	1959	Jan. 22, 1959	16.42	12,600
1944	Mar. 29, 1944	15.4	9,720	1960	Nov. 29, 1959	15.19	9,160
1945	Feb. 17, 1945	14.8	8,120				
				1961	June 22, 1961	16.16	12,000
1946	Feb. 10, 1946	16.9	14,100				
1947	Jan. 20, 1947	16.5	12,900				

3849. Coahulla Creek near Cleveland, Tenn.

Location.--Lat 35°07'00", long 84°50'18", at bridge on State Highway 74, 2.5 miles southeast of intersection of State Highways 74 and 60 at Cleveland.

Drainage area.--4.88 sq mi.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 810 cfs and extended above on basis of contracted-opening measurement at 2,280 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	December 1954	5.62	225	1959	May 31, 1959	5.07	170
				1960	Mar. 3, 1960	6.11	385
1956	Sept. 6, 1956	6.21	428				
1957	Jan. 31, 1957	7.08	882	1961	Mar. 8, 1961	6.62	625
1958	Nov. 14, 1957	6.33	485				

3850. Coahulla Creek near Varnell, Ga.

Location.--Lat 34°54', long 84°55', 250 ft downstream from Praters Mill, 2 miles upstream from Spring Creek, and 3 miles east of Varnell, Whitfield County.

Drainage area.--87 sq mi, approximately.

Gage.--Recording prior to Jan. 1, 1943; crest-stage gage after Aug. 24, 1950. Datum of gage is 704.92 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 2,700 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1919 or 1920	-	a16.8	-	1953	Feb. 21, 1953	11.5	2,680
				1954	Jan. 22, 1954	12.9	5,340
				1955	Mar. 23, 1955	11.5	2,680
1940	Feb. 18, 1940	11.3	2,300				
				1956	Apr. 17, 1956	11.7	2,930
1941	July 8, 1941	9.4	1,040	1957	Feb. 2, 1957	12.8	5,080
1942	Feb. 17, 1942	10.0	1,350	1958	November 1957	12.0	3,380
1943	Dec. 29, 1942	13.8	6,600	1959	Apr. 19, 1959	11.0	2,180
				1960	Mar. 3, 1960	12.16	3,660
1951	Mar. 29, 1951	15.7	-				
1952	Mar. 11, 1952	12.0	3,380	1961	May 23, 1961	12.3?	3,960

a From information by local residents.

3870. Conasauga River at Tilton, Ga.

Location.--Lat 34°40', long 84°56', on left bank 250 ft downstream from highway bridge, a quarter of a mile downstream from Swamp Creek, half a mile northeast of Tilton, Whitfield County, and 12 miles upstream from confluence with Coosawattee River.

Drainage area.--682 sq mi.

Gage.--Nonrecording prior to Aug. 24, 1940; recording thereafter. Prior to Aug. 24, 1940, at site 150 ft upstream. Datum of gage is 622.28 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 22,000 cfs. Stage-discharge relation affected by backwater.

Bankfull stage.--19 ft.

Remarks.--Base for partial-duration series, 5,000 cfs. Only annual peaks are shown prior to 1942.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	Apr. 10, 1938	25.4	20,300	1944	Mar. 9, 1944	17.4	7,280
1939	Feb. 17, 1939	21.1	11,300		Mar. 21, 1944	17.3	7,210
1940	Mar. 16, 1940	15.2	5,880		Mar. 30, 1944	24.4	17,900
1941	July 8, 1941	13.1	4,700	1945	Feb. 15, 1945	20.5	10,400
					Feb. 20, 1945	20.7	10,700
1942	Feb. 19, 1942	18.4	8,090		Mar. 6, 1945	15.4	6,000
	Mar. 23, 1942	15.8	6,240		May 15, 1945	14.1	5,280
	Aug. 22, 1942	14.0	5,170				
				1946	Dec. 7, 1945	15.4	6,000
1943	Dec. 8, 1942	15.2	5,880		Jan. 10, 1946	25.7	21,000
	Dec. 31, 1942	25.6	20,700		Feb. 12, 1946	26.3	22,400
	Jan. 20, 1943	15.6	6,120		Mar. 10, 1946	14.7	5,600
	Feb. 7, 1943	16.4	6,610		Mar. 31, 1946	18.1	7,830
	Mar. 15, 1943	13.7	5,060		May 19, 1946	20.5	10,400
	Mar. 23, 1943	20.2	10,000				
	Apr. 21, 1943	15.4	6,000	1947	Jan. 21, 1947	27.7	26,000
	July 28, 1943	13.9	5,170		Mar. 10, 1947	14.8	5,660
1944	Jan. 5, 1944	14.7	5,600	1948	Feb. 14, 1948	a26.0	20,800
	Feb. 12, 1944	18.8	8,450		Mar. 9, 1948	14.5	5,500
	Feb. 20, 1944	17.4	7,280		Mar. 25, 1948	15.8	6,240
	Feb. 28, 1944	21.5	11,900				

a Occurred at different time than peak discharge.

Peak stages and discharges of Conasauga River at Tilton, Ga.--Cortinued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1949	Nov. 22, 1948	19.5	8,600	1954	Mar. 15, 1954	14.9	5,720
	Nov. 30, 1948	a27.3	22,500		Mar. 28, 1954	14.0	5,220
	Jan. 7, 1949	a24.2	16,000		Apr. 2, 1954	15.1	5,820
	Jan. 25, 1949	a17.5	7,100				
	Feb. 12, 1949	14.5	5,500	1955	Feb. 9, 1955	a19.9	8,970
	Feb. 18, 1949	16.2	6,240		Feb. 25, 1955	16.0	6,360
	Apr. 2, 1949	a17.2	7,000		Mar. 24, 1955	15.9	5,860
					Apr. 15, 1955	13.9	5,170
1950	Nov. 2, 1949	20.8	10,800				
	Jan. 9, 1950	13.8	5,120	1956	Feb. 6, 1956	21.3	11,600
	Jan. 22, 1950	17.3	7,210		Feb. 22, 1956	20.6	10,600
	Feb. 9, 1950	15.5	6,060		Mar. 17, 1956	17.7	7,510
	Mar. 15, 1950	a26.1	19,300		Apr. 8, 1956	15.8	5,680
	July 30, 1950	18.0	7,750		Apr. 18, 1956	21.0	11,100
	Sept. 9, 1950	19.4	9,070				
				1957	Feb. 3, 1957	27.3	25,000
1951	Feb. 4, 1951	16.2	6,480		Apr. 7, 1957	a20.4	8,340
	Mar. 30, 1951	a30.2	29,000		Sept.19, 1957	15.8	6,240
	Apr. 10, 1951	14.0	5,220				
	Apr. 24, 1951	15.1	5,820	1958	Nov. 20, 1957	24.2	17,500
					Dec. 10, 1957	15.0	5,770
1952	Dec. 17, 1951	15.4	6,000		Dec. 22, 1957	17.2	7,140
	Dec. 23, 1951	20.7	10,700		Feb. 9, 1958	18.6	8,270
	Dec. 27, 1951	13.8	5,120		May 1, 1958	23.7	16,300
	Jan. 12, 1952	15.0	5,770				
	Jan. 25, 1952	15.9	6,300	1959	Jan. 24, 1959	17.6	7,430
	Jan. 29, 1952	14.6	5,550		Apr. 22, 1959	19.8	9,530
	Mar. 13, 1952	a21.3	11,000				
	Mar. 25, 1952	20.9	10,800	1960	Nov. 30, 1959	16.6	6,740
					Feb. 20, 1960	13.9	5,170
1953	Jan. 12, 1953	18.5	8,180		Mar. 5, 1960	21.6	12,100
	Feb. 17, 1953	16.5	6,680				
	Feb. 24, 1953	20.8	10,800	1961	Feb. 25, 1961	24.3	16,500
					Mar. 11, 1961	21.0	11,200
1954	Jan. 18, 1954	24.9	19,100		June 24, 1961	16.3	6,540
	Jan. 24, 1954	a24.1	17,200				

a Occurred at different time than peak discharge.

3875. Oostanaula River at Resaca, Ga.

Location.--Lat 34°34', long 84°57', near left bank on downstream side of pier of bridge on U.S. Highway 41 at Resaca, Gordon County, 200 ft downstream from Nashville, Chattanooga & St. Louis Railway bridge, three-quarters of a mile upstream from Camp Creek, and 3½ miles downstream from confluence of Conasauga and Coosawattee Rivers.

Drainage area.--1,610 sq mi, approximately.

Gage.--Nonrecording prior to Sept. 12, 1938; recording thereafter. Prior to Mar. 23, 1919, at site 200 ft upstream. Mar. 23, 1919, to Oct. 23, 1928, at site 400 ft downstream. Since Oct. 29, 1948, auxiliary wire-weight gage at bridge on State Highway 143, 6½ miles downstream. Datum of gage is 604.14 ft above mean sea level, datum of 1929 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 43,000 cfs. Stage-discharge relation affected by backwater.

Bankfull stage.--16 ft.

Historical data.--From information given in "A History of Rome and Floyd County," Georgia Department of Archives, the April 1886 flood on the Oostanaula River was the highest that has occurred since the city of Rome was founded in 1834.

Remarks.--Gage-height records collected at same site since 1891 are contained in the reports of the U.S. Weather Bureau. Only annual peaks are shown.

Peak stages and discharges of Oostanaula River at Resaca, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)
1886	Apr. 1, 1886	a36.3	68,600
1892	Apr. 7, 1892	31.7	39,900
	Apr. 8, 1892	32.0	-
1893	Feb. 17, 1893	21.0	16,200
1894	Feb. 5, 1894	10.3	6,870
1895	Jan. 11, 1895	26.2	21,800
	Jan. 11, 1895	26.4	-
1896	Feb. 7, 1896	16.7	12,200
1897	Mar. 15, 1897	26.0	21,500
	Mar. 15, 1897	26.2	-
1898	Sept. 4, 1898	21.3	16,500
	Sept. 4, 1898	21.4	-
1899	Mar. 17, 1899	28.7	28,300
	Mar. 17, 1899	29.0	-
1900	Feb. 14, 1900	23.6	18,800
	Feb. 14, 1900	23.7	-
1901	Jan. 13, 1901	26.7	22,700
	Jan. 14, 1901	26.9	-
1902	Dec. 31, 1901	26.5	22,300
	Dec. 31, 1901	26.7	-
1903	Mar. 1, 1903	27.1	23,800
	Mar. 2, 1903	27.4	-
1904	Mar. 24, 1904	12.5	8,340
1905	Feb. 22, 1905	22.0	17,300
	Feb. 22, 1905	22.1	-
1906	Mar. 16, 1906	21.7	16,900
	Mar. 16, 1906	21.8	-
1907	Nov. 20, 1906	29.7	31,700
	Nov. 21, 1906	30.0	-
1908	Feb. 16, 1908	20.0	15,100
1909	Mar. 14, 1909	31.7	39,900
	Mar. 14, 1909	32.0	-
1910	May 21, 1910	20.0	15,100
1911	Apr. 9, 1911	21.6	16,900
	Apr. 9, 1911	21.7	-
1912	Mar. 31, 1912	24.8	20,000
	Mar. 31, 1912	25.0	-
1913	Mar. 16, 1913	25.6	20,900
	Mar. 16, 1913	25.8	-
1914	Apr. 15, 1914	15.5	10,800
1915	Feb. 2, 1915	21.7	16,900
	Feb. 2, 1915	21.8	-
1916	July 12, 1916	27.0	23,300
	July 13, 1916	27.2	-
1917	Mar. 6, 1917	30.2	33,500
	Mar. 6, 1917	30.5	-
1918	Jan. 31, 1918	23.2	18,400
	Feb. 1, 1918	23.3	-
1919	Dec. 24, 1918	21.6	16,900
	Dec. 24, 1918	21.7	-
1920	Apr. 4, 1920	31.7	39,900
	Apr. 4, 1920	32.0	-
1921	Feb. 11, 1921	32.7	44,400
	Feb. 11, 1921	33.0	-
1922	Jan. 22, 1922	31.9	40,800
1922	Jan. 22, 1922	32.2	-
1923	Dec. 18, 1922	20.3	15,500
1924	Apr. 20, 1924	24.8	20,000
	Apr. 20, 1924	25.0	-
1925	Jan. 20, 1925	21.2	16,600
1926	Jan. 19, 1926	17.3	12,400
1927	Dec. 29, 1926	24.8	20,000
	Dec. 29, 1926	25.0	-
1928	Mar. 31, 1928	20.8	16,100
1929	Mar. 25, 1929	22.0	17,300
	Mar. 25, 1929	22.1	-
1930	Nov. 17, 1929	28.2	26,700
	Nov. 17, 1929	28.5	-
1931	Apr. 5, 1931	18.2	13,400
1932	Dec. 16, 1931	23.2	18,400
	Dec. 16, 1931	23.3	-
1933	Dec. 29, 1932	30.9	36,500
	Dec. 29, 1932	31.2	-
1934	Mar. 6, 1934	27.3	25,300
1935	Mar. 13, 1935	20.1	15,300
1936	Apr. 3, 1936	30.6	35,300
	Apr. 3, 1936	30.9	-
1937	Jan. 5, 1937	26.5	23,500
1938	Apr. 9, 1938	31.2	37,700
	Apr. 9, 1938	31.5	-
1939	Feb. 17, 1939	21.7	17,000
1940	Mar. 14, 1940	15.6	10,700
1941	July 8, 1941	14.0	9,150
1942	Feb. 19, 1942	22.6	18,000
1943	Dec. 31, 1942	29.8	33,000
1944	Mar. 31, 1944	28.4	28,300
1945	Feb. 15, 1945	19.6	14,700
1946	Feb. 11, 1946	32.2	42,200
	Feb. 12, 1946	32.5	-
1947	Jan. 21, 1947	33.2	47,000
	Jan. 21, 1947	33.5	-
1948	Feb. 15, 1948	28.4	26,800
	Feb. 15, 1948	28.7	-
1949	Nov. 30, 1948	31.1	36,300
	Nov. 30, 1948	31.2	-
1950	Mar. 15, 1950	30.1	31,900
1951	Mar. 31, 1951	34.5	54,800
	Mar. 31, 1951	34.6	-
1952	Mar. 25, 1952	24.2	20,100
1953	Feb. 23, 1953	20.3	15,600
1954	Jan. 18, 1954	30.2	30,700
1955	Feb. 9, 1955	23.4	19,100
1956	Apr. 18, 1956	22.6	18,200
1957	Feb. 4, 1957	30.8	32,800
1958	Nov. 21, 1957	24.1	20,000
1959	Apr. 20, 1959	17.0	12,100
1960	Mar. 5, 1960	21.5	17,000
1961	Feb. 27, 1961	29.2	31,700

a 36.6 ft, from U.S. Weather Bureau.

3885. Oostanaula River near Rome, Ga.

Location.--Lat 34°18', long 85°08', on left bank 1¼ miles upstream from Dry Creek, 4½ miles north of Rome, Floyd County, 4½ miles upstream from confluence with Etowah River, and 6½ miles downstream from Armuchee Creek.

Drainage area.--2,120 sq mi, approximately.

Gage.--Recording. Prior to Dec. 8, 1950, at site 3¼ miles downstream. Since Oct. 1, 1939, auxiliary water-stage recorder at Fifth Avenue Bridge 4¼ miles downstream. Datum of gages is 561.70 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements. Stage-discharge relation is affected by backwater from Etowah River and fall is used as a factor in computing discharge.

Bankfull stage.--19 ft.

Historical data.--From information given in "A History of Rome and Floyd County," Georgia Department of Archives, the April 1886 flood on the Oostanaula River was the highest flood that has occurred since the city of Rome was founded in 1834.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1886	April 1886	a40.3	-	1949	Nov. 30, 1948	34.2	-
					Dec. 2, 1948	31.6	37,300
1940	Mar. 15, 1940	17.7	15,000	1950	Mar. 14, 1950	27.0	-
	Mar. 15, 1940	17.9	-		Mar. 17,18, 1950	25.5	30,500
1941	July 7, 1941	16.9	-	1951	Apr. 2, 1951	35.4	43,600
	July 8, 1941	15.5	12,800	1952	Mar. 12, 1952	28.0	-
1942	Mar. 23, 1942	26.4	-		Mar. 12, 1952	27.8	23,900
	Mar. 24, 1942	24.4	19,700	1953	Feb. 22, 1953	27.5	18,800
1943	Dec. 31, 1942	30.2	-	1954	Jan. 23, 1954	30.3	-
	Jan. 2, 1943	27.0	29,900		Jan. 23, 1954	30.1	28,900
1944	Mar. 30, 1944	29.3	-	1955	Feb. 7, 1955	26.2	23,800
	Apr. 1, 1944	27.0	29,100				
1945	Feb. 15, 1945	20.2	19,400	1956	Apr. 17, 1956	23.9	20,600
				1957	Feb. 6, 1957	31.9	32,500
1946	Feb.12,13, 1946	34.5	-	1958	Nov. 20, 1957	24.6	-
	Feb. 13, 1946	33.1	45,500		Nov. 20, 1957	24.4	21,300
1947	Jan. 22, 1947	35.1	-	1959	Apr. 21, 1959	19.6	15,100
	Jan. 23, 1947	34.1	47,000	1960	Mar. 5, 1960	27.4	18,600
1948	Feb. 14, 1948	27.8	-				
	Feb. 15, 1948	25.3	28,200	1961	Feb. 24, 1961	37.1	32,700

a At site of auxiliary gage, from U.S. Weather Bureau.

3889. Etowah River near Dahlonega, Ga.

Location.--Lat 34°31', long 84°04', at bridge on State Highway 9, 4½ miles west of Dahlonega, Lumpkin County.

Drainage area.--68 sq mi, approximately.

Gage.--Crest-stage gage. Datum of gage is 1,270.80 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Georgia State Highway Department).

Stage-discharge relation.--Defined by current-meter measurements below 2,500 cfs and extended above on basis of contracted-opening measurement at 6,750 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950	Mar. 15, 1950	11.27	2,580	1956	Apr. 16, 1956	11.05	2,410
				1957	Apr. 5, 1957	10.96	2,410
1951	Mar. 30, 1951	9.11	1,620	1958	Jan. 21, 1958	-	a1,250
1952	Mar. 10, 1952	12.57	4,400	1959	Jan. 28, 1959	10.54	2,210
1953	February 1953	9.69	1,840	1960	Feb. 10, 1960	-	a1,600
1954	Jan. 16, 1954	12.81	4,800				
1955	Feb. 6, 1955	12.47	4,200	1961	Feb. 25, 1961	13.4	6,750

a Estimated.

3890. Etowah River near Dawsonville, Ga.

Location.--Lat 34°23', long 84°04', on left bank half a mile upstream from Palmer Creek, 1 mile downstream from Russell Creek, 4 miles southeast of Dawsonville, Dawson County, and 7½ miles upstream from Shoal Creek.

Drainage area.--103 sq mi.

Gage.--Recording. Altitude of gage is 1,050 ft (by barometer).

Stage-discharge relation.--Defined by current-meter measurements below 3,800 cfs and extended above by logarithmic plotting.

Bankfull stage.--11 ft.

Remarks.--Base for partial-duration series, 1,800 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1940	Aug. 13, 1940	7.7	1,840	1950	June 4, 1950	8.2	1,930
1941	July 5, 1941	9.20	2,200	1951	Mar. 29, 1951	8.9	2,120
1942	Feb. 17, 1942	14.5	4,100	1952	Dec. 21, 1951	13.2	3,530
	Mar. 21, 1942	10.8	2,670		Mar. 4, 1952	9.7	2,350
	Sept.27, 1942	9.7	2,350		Mar. 11, 1952	14.5	4,100
					Mar. 23, 1952	14.3	4,010
1943	Dec. 29, 1942	10.0	2,430				
	Apr. 19, 1943	9.3	2,230	1953	Jan. 10, 1953	8.9	2,120
					Feb. 21, 1953	8.8	2,090
1944	Mar. 20, 1944	10.7	2,640				
	Mar. 29, 1944	9.8	2,370	1954	Dec. 9, 1953	7.9	1,840
					Jan. 16, 1954	14.6	4,150
1945	Sept.16, 1945	7.8	1,820		Jan. 22, 1954	9.3	2,230
1946	Dec. 25, 1945	8.1	1,900	1955	Feb. 7, 1955	14.3	4,010
	Jan. 7, 1946	15.8	4,780		Feb. 23, 1955	7.9	1,840
	Jan. 31, 1946	9.8	2,370				
	Feb. 10, 1946	13.9	3,830	1956	Apr. 6, 1956	9.4	2,260
	Mar. 8, 1946	12.5	3,260		Apr. 16, 1956	10.3	2,520
	Mar. 29, 1946	13.6	3,700				
	May 3, 1946	9.4	2,260	1957	Apr. 5, 1957	11.8	3,000
	May 25, 1946	7.9	1,840				
				1958	Dec. 20, 1957	7.1	1,630
1947	Jan. 20, 1947	13.5	3,660				
				1959	Jan. 22, 1959	9.5	2,290
1948	Mar. 7, 1948	8.0	1,870		Feb. 13, 1959	8.0	1,870
	Mar. 23, 1948	7.8	1,820				
	July 11, 1948	9.2	2,180	1960	Feb. 10, 1960	8.2	1,930
	Aug. 4, 1948	14.4	4,050		Apr. 3, 1960	8.3	1,950
					Sept.28, 1960	8.4	1,980
1949	Nov. 29, 1948	13.9	3,830				
	Jan. 6, 1949	14.0	3,870	1961	Feb. 21, 1961	13.0	3,450
	Aug. 17, 1949	9.6	2,320		Feb. 23, 1961	10.5	2,580
	Sept. 6, 1949	13.0	3,450		Feb. 25, 1961	14.6	4,150
1950	Mar. 13, 1950	11.1	2,760				

3900. Amicalola Creek near Dawsonville, Ga.

Location.--Lat 34°26', long 84°13', on left bank under bridge on State Highway 53, 5 miles upstream from mouth and 5½ miles west of Dawsonville, Dawson County.

Drainage area.--84.7 sq mi.

Gage.--Recording. Datum of gage is 1,203.87 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 4,400 cfs and extended above on basis of slope-area measurement at 5,400 cfs.

Remarks.--Base for partial-duration series, 1,500 cfs. Only annual peak shown for 1952.

Peak stages and discharges of Amicalola Creek near Dawsonville, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1940	Aug. 13, 1940	3.48	2,500	1946	Mar. 8, 1946	3.90	2,980
					Mar. 29, 1946	5.42	4,910
1941	July 5, 1941	5.64	5,200		May 3, 1946	3.28	2,260
					May 16, 1946	2.88	1,820
1942	Feb. 17, 1942	7.0	7,450		May 26, 1946	3.07	1,930
	June 11, 1942	3.7	2,740		July 2, 1946	3.35	2,320
	July 1, 1942	3.8	2,860				
	Sept.27, 1942	2.7	1,610	1947	Jan. 1, 1947	3.47	2,440
					Jan. 20, 1947	5.30	4,770
1943	Dec. 29, 1942	3.65	2,680				
	Feb. 6, 1943	2.69	1,690	1948	Feb. 12, 1948	2.88	1,760
	Mar. 21, 1943	2.74	1,750		July 11, 1948	3.20	2,150
	Apr. 19, 1943	2.93	1,940		Aug. 4, 1948	5.86	5,650
1944	Feb. 11, 1944	2.79	1,710	1949	Nov. 28, 1948	5.84	5,500
	Feb. 26, 1944	2.78	1,710		Jan. 5, 1949	5.49	5,050
	Mar. 7, 1944	2.71	1,610		Feb. 19, 1949	3.22	2,150
	Mar. 19, 1944	4.30	3,460		July 12, 1949	2.80	1,710
	Mar. 29, 1944	2.79	1,710		Sept. 6, 1949	5.20	4,630
1945	Feb. 13, 1945	2.20	1,130	1950	Mar. 13, 1950	4.34	3,460
					June 4, 1950	3.50	2,500
1946	Dec. 25, 1945	2.82	1,710				
	Jan. 6, 1946	5.32	4,770	1951	Mar. 29, 1951	3.40	2,380
	Jan. 31, 1946	3.88	2,980				
	Feb. 10, 1946	5.50	5,050	1952	Mar. 11, 1952	6.1	5,960

3910. Etowah River near Ball Ground, Ga.

Location.--Lat 34°19'05", long 84°20'35", on upstream side of highway bridge, a quarter of a mile downstream from Long Swamp Creek and 3 miles southeast of Ball Ground, Cherokee County.

Drainage area.--466 sq mi.

Gage.--Nonrecording. Prior to Aug. 19, 1908, at site 75 ft downstream. Altitude of gage is 910 ft (from topographic map).

Stage-discharge relation.--Defined by current-meter measurements below 6,500 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1908	Mar.24,Apr.25, 1908	15.0	10,800	1914	Apr. 11, 1914	11.8	7,390
				1915	Dec. 26, 1914	13.2	8,780
1909	Mar. 14, 1909	18.0	14,000				
1910	May 21, 1910	10.0	6,500	1919	Dec. 22, 1918	25.5	22,200
				1920	Dec. 10, 1919	21.3	17,600
1911	Apr. 5, 1911	12.4	a7,980				
1912	Mar. 15, 1912	18.4	a14,300	1921	Feb. 9, 1921	16.0	11,800
1913	Mar. 15, 1913	13.6	a9,180				

a Maximum daily.

3920. Etowah River at Canton, Ga.

Location.--Lat 34°14', long 84°30', on left bank 100 ft downstream from bridge on State Highway 5 spur and 140 at Canton, Cherokee County, three-quarters of a mile upstream from Canton Creek, and 1¾ miles downstream from Hickory Log Creek.

Drainage area.--605 sq mi.

Gage.--Nonrecording at site 100 ft upstream prior to Jan. 18, 1939; recording at present site thereafter. Prior to September 1931, at datum 2.0 ft higher. Datum gage is 844.55 ft above mean sea level, datum of 1929, supplementary adjustment of 1936. All gage readings have been converted to present datum.

Stage-discharge relation.--Defined by current-meter measurements below 18,000 cfs and extended above on basis of slope-area measurement at 30,000 cfs.

Bankfull stage.--15 ft.

Remarks.--Stage records 1892-95, and 1906-36 furnished by U.S. Weather Bureau. Base for partial-duration series, 6,500 cfs. Only annual peaks are shown prior to 1939.

Peak stages and discharges of Etowah River at Canton, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1892	January 1892	25.0	36,700	1942	Feb. 17, 1942	21.2	13,300
1893	Feb. 16, 1893	14.6	9,380		Mar. 21, 1942	18.7	10,300
1894	Sept.18, 1894	7.3	4,360				
1895	Jan. 10, 1895	17.5	12,400	1943	Dec. 30, 1942	18.4	10,100
					Feb. 6, 1943	15.1	7,470
1896	Jan. 24, 1896	7.8	5,300		Mar. 22, 1943	15.5	7,750
1897	Apr. 5, 1897	13.6	10,100				
1898	Sept. 2, 1898	14.6	10,900	1944	Feb. 27, 1944	14.6	7,120
1899	Mar. 16, 1899	22.2	20,800		Mar. 20, 1944	19.0	10,600
1900	Feb. 12, 1900	16.2	12,300		Mar. 30, 1944	17.2	9,060
1901	May 21, 1901	21.6	19,600	1945	Apr. 25, 1945	11.8	5,180
1902	Dec. 29, 1901	22.2	20,800				
1903	Feb. 17, 1903	22.0	20,400	1946	Jan. 7, 1946	26.7	29,800
1904	Aug. 8, 1904	13.0	9,620		Jan. 31, 1946	14.3	6,910
1905	Jan. 13, 1905	12.1	8,870		Feb. 11, 1946	23.5	20,100
					Mar. 9, 1946	19.3	11,500
1906	Dec. 3, 1905	18.3	12,900		Mar. 29, 1946	22.5	17,400
1907	Mar. 2, 1907	11.9	6,950				
1908	Apr. 25, 1908	16.6	10,600	1947	Jan. 21, 1947	21.2	14,500
1909	Mar. 14, 1909	19.5	14,900				
1910	May 21, 1910	12.0	6,880	1948	Feb. 8, 1948	13.8	6,880
					Feb. 13, 1948	15.2	7,860
1911	Apr. 5, 1911	17.2	11,100		Mar. 23, 1948	13.4	6,600
1912	Mar. 15, 1912	21.2	18,400		Aug. 5, 1948	16.1	8,500
1913	Mar. 27, 1913	14.2	8,350				
1914	Apr. 15, 1914	13.0	7,440	1949	Nov. 29, 1948	22.4	17,200
1915	Dec. 4, 1914	15.5	9,300		Jan. 6, 1949	20.8	13,700
					Sept. 7, 1949	16.8	9,060
1916	July 10, 1916	25.9	36,100				
1917	Mar. 24, 1917	19.6	14,300	1950	Mar. 14, 1950	16.1	8,500
1918	Jan. 29, 1918	11.6	6,320				
1919	Dec. 22, 1918	25.2	29,500	1951	Mar. 30, 1951	15.1	7,790
1920	Dec. 10, 1919	26.3	36,100				
				1952	Dec. 21, 1951	19.2	11,300
1921	Feb. 9, 1921	23.2	21,500		Mar. 4, 1952	14.5	7,370
1922	Jan. 22, 1922	17.6	10,200		Mar. 11, 1952	21.3	14,700
1923	Dec. 18, 1922	19.0	11,700		Mar. 23, 1952	23.3	19,500
1924	Apr. 19, 1924	10.9	4,960				
1925	Jan. 19, 1925	16.1	8,740	1953	Jan. 10, 1953	15.6	8,140
					Feb. 21, 1953	14.2	7,160
1926	Jan. 18, 1926	12.8	6,530				
1927	Feb. 14, 1927	16.5	9,460	1954	Jan. 17, 1954	21.7	15,500
1928	May 24, 1928	17.6	10,700		Jan. 23, 1954	15.7	8,210
1929	Mar. 5, 1929	19.5	13,600				
1930	Mar. 7, 1930	20.2	15,300	1955	Feb. 7, 1955	20.1	12,600
1931	Nov. 17, 1930	9.9	5,200	1956	Mar. 16, 1956	13.9	6,950
1932	Mar. 31, 1932	17.3	10,400		Apr. 16, 1956	14.4	7,300
1933	Dec. 12, 1932	25.2	28,200				
1934	March 1934	-	a9,600	1957	Feb. 1, 1957	13.4	6,600
1935	Mar. 13, 1935	11.9	6,530		Apr. 5, 1957	21.7	15,500
1936	Feb. 5, 1936	23.2	22,700	1958	Dec. 21, 1957	11.7	5,440
1937	Jan. 3, 1937	20.5	15,300				
1938	Apr. 8, 1938	22.4	19,700	1959	Feb. 14, 1959	14.3	7,230
1939	Feb. 28, 1939	12.8	6,360	1960	Apr. 4, 1960	13.0	6,320
1940	Aug. 13, 1940	16.0	8,900	1961	Feb. 22, 1961	22.5	17,400
					Feb. 24, 1961	16.5	8,820
1941	July 5, 1941	15.9	8,820		Feb. 26, 1961	23.2	19,300

a Estimated on basis of records for Coostanaula River at Resaca.

3925. Little River near Roswell, Ga.

Location.--Lat 34°07', long 84°23', at downstream end of old bridge pier, 500 ft upstream from bridge on State Highway 140, 1 mile downstream from Cooper Sandy Creek, and 7 miles north of Roswell, Fulton County.

Drainage area.--60.5 sq mi.

Gage.--Nonrecording prior to July 25, 1949; recording thereafter. Datum of gage is 897.8 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Georgia State Highway Department).

Stage-discharge relation.--Defined by current-meter measurements below 2,600 cfs and extended above by logarithmic plotting.

Historical data.--Flood of January 1946 reached a stage of 18.0 ft, based on information from local resident. This was the highest flood known to the local resident or his father, who had lived in the vicinity for 70 years.

Remarks.--Base for partial-duration series, 900 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1946	January 1946	18.0	5,000	1953	Jan. 9, 1953	6.6	974
1948	Feb. 8, 1948	6.86	1,070	1954	Jan. 16, 1954	10.6	2,030
	July 11, 1948	7.48	1,210				
	July 15, 1948	8.88	1,560	1955	Feb. 7, 1955	9.9	1,830
	July 17, 1948	6.55	998				
				1956	Mar. 16, 1956	8.7	1,500
1949	Nov. 3, 1948	7.15	1,140				
	Nov. 28, 1948	14.0	3,200	1957	Apr. 5, 1957	12.9	2,760
	Jan. 6, 1949	9.33	1,660				
	Sept. 6, 1949	9.70	1,780	1958	Feb. 26, 1958	5.4	700
1950	Sept. 7, 1950	4.88	600	1959	May 31, 1959	6.4	926
1951	Mar. 8, 1951	6.68	998	1960	Jan. 31, 1960	6.5	950
1952	Dec. 21, 1951	9.8	1,800	1961	Feb. 21, 1961	15.6	4,040
	Mar. 4, 1952	6.4	926		Feb. 25, 1961	12.1	2,640
	Mar. 11, 1952	11.1	2,180				
	Mar. 23, 1952	10.5	2,000				

3940. Etowah River at Allatoona Dam, above Cartersville, Ga.
(Published as Etowah River above Cartersville prior to October 1949)

Location.--Lat 34°10', long 84°44', on right bank three-quarters of a mile downstream from Allatoona Dam, 2 miles upstream from Nashville, Chattanooga & St. Louis Railway bridge, and 3 miles east of Cartersville, Bartow County.

Drainage area.--1,110 sq mi, approximately.

Gage.--Nonrecording prior to Dec. 19, 1938; recording thereafter. Datum of gage is 686.92 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 26,000 cfs and extended by slope-area study to 41,000 cfs.

Bankfull stage.--10 ft.

Remarks.--Peak discharges since December 1949 regulated by storage in Allatoona Reservoir (usable capacity, 587,200 acre-ft). Base for partial-duration series, 9,500 cfs. Supplemental peaks shown for period 1942-49 only.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1920	December 1919	a20.0	40,000	1942	Feb. 18, 1942	12.2	16,000
					Mar. 21, 1942	13.4	18,200
1938	Apr. 9, 1938	a16.5	27,500				
1939	Feb. 28, 1939	9.23	11,600	1943	Dec. 29, 1942	13.5	18,400
1940	Aug. 14, 1940	10.5	13,800		Feb. 6, 1943	9.90	12,200
					Mar. 21, 1943	12.7	16,900
1941	July 6, 1941	9.88	12,400		Apr. 19, 1943	8.70	10,400

a From information by local resident.

Peak stages and discharges of Etowah River at Allatoona Dam, above Cartersville, Ga.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1944	Feb. 27, 1944	12.6	15,500	1948	Aug. 3, 1948	10.1	10,000
	Mar. 7, 1944	9.27	10,300		Aug. 5, 1948	9.9	9,770
	Mar. 20, 1944	13.0	16,300				
	Mar. 29, 1944	13.1	16,600	1949	Nov. 29, 1948	16.9	26,500
					Jan. 7, 1949	13.2	16,800
1945	Apr. 25, 1945	8.5	9,300				
				1950	Mar. 13, 1950	8.65	9,280
1946	Jan. 8, 1946	20.8	40,400				
	Feb. 1, 1946	9.49	10,600	1951	Jan. 10, 1951	8.02	8,570
	Feb. 11, 1946	17.0	26,800	1952	Mar. 27, 1952	9.10	10,300
	Mar. 10, 1946	13.6	17,700	1953	Dec. 31, 1952	7.63	8,740
	Mar. 16, 1946	9.64	10,700	1954	Jan. 29, 1954	7.27	8,420
	Mar. 30, 1946	15.8	23,300	1955	Jan. 10, 1955	7.05	8,100
	May 16, 1946	11.1	12,700				
				1956	May 14, 1956	7.29	8,190
1947	Jan. 20, 1947	15.3	21,900	1957	Apr. 12, 1957	8.50	9,840
				1958	June 5, 1958	7.38	8,520
1948	Feb. 9, 1948	12.7	13,500	1959	June 10, 1959	7.46	8,610
	Feb. 14, 1948	11.5	11,700	1960	Jan. 15, 1960	7.28	8,480
	Mar. 23, 1948	11.2	11,300				
	July 17, 1948	12.2	12,800	1961	Mar. 15, 1961	8.32	9,720

3944. Pumpkinvine Creek below Dallas, Ga.

Location.--Lat 33°55', long 84°53', at State Highway 6, 2¼ miles west of Dallas, Paulding County.

Drainage area.--40 sq mi, approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Mar. 29, 1951	10.36	800	1957	Apr. 5, 1957	15.45	2,840
1952	Mar. 24, 1952	15.25	2,720	1958	Feb. 27, 1958	10.61	840
1953	Jan. 10, 1953	14.48	2,300	1959	July 1, 1959	13.48	1,800
1954	Jan. 16, 1954	15.64	2,970	1960	Jan. 30, 1960	13.12	1,640
1955	Feb. 6, 1955	14.57	2,360				
				1961	Feb. 21, 1961	20.28	6,800
1956	Mar. 16, 1956	12.69	1,500				

3950. Etowah River near Kingston, Ga.

Location.--Lat 34°12', long 84°59', at bridge on U.S. Highway 411, half a mile upstream from Two Run Creek, 1¾ miles upstream from Connesena Creek, and 2½ miles southwest of Kingston, Bartow County.

Drainage area.--1,630 sq mi, approximately.

Gage.--Recording prior to Nov. 16, 1936; nonrecording Nov. 16, 1936, to June 15, 1937; recording thereafter. Prior to June 27, 1960, at site 500 ft upstream. Datum of gage is 609.97 ft above mean sea level (Dixie Construction Co. bench mark).

Stage-discharge relation.--Defined by current-meter measurements below 41,000 cfs.

Bankfull stage.--14 ft.

Historical data.--Flood of Dec. 11, 1919, which reached a stage of about 31 ft, from information by local residents, was the highest known in 1939.

Remarks.--Peak discharges since December 1949 regulated by storage in Allatoona Reservoir (usable capacity, 587,200 acre-ft). Base for partial-duration series, 13,000 cfs. Supplemental peaks are shown for period 1938-49 only.

Peak stages and discharges of Etowah River near Kingston, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1920	Dec. 11, 1919	31	52,000	1945	Apr. 25, 1945	12.2	11,700
1929	May 2, 1929	21.4	29,700	1946	Jan. 9, 1946	23.1	39,000
1930	Mar. 7, 1930	21.5	29,900		Feb. 11, 1946	23.2	37,000
					Mar. 29, 1946	22.6	31,000
1931	Nov. 16, 1930	12.3	12,600		May 16, 1946	15.5	16,800
1937	Jan. 3, 1937	22.4	31,800	1947	Jan. 21, 1947	22.1	29,900
1938	Mar. 17, 1938	13.0	13,100	1948	Feb. 9, 1948	17.3	20,300
	Mar. 20, 1938	16.3	19,100		Feb. 14, 1948	15.1	16,100
	Apr. 2, 1938	17.8	21,900		Mar. 23, 1948	14.8	15,500
	Apr. 9, 1938	27.7	42,700		Aug. 3, 1948	14.8	15,500
1939	Feb. 28, 1939	15.5	17,600	1949	Nov. 30, 1948	23.9	38,600
					Jan. 6, 1949	16.3	18,600
1940	Aug. 14, 1940	13.8	14,500		Feb. 10, 1949	13.6	13,400
1941	July 7, 1941	12.7	12,600	1950	Sept. 8, 1950	15.2	16,300
1942	Feb. 17, 1942	17.0	20,400	1951	Mar. 29, 1951	11.7	12,000
	Mar. 22, 1942	20.9	28,000	1952	Mar. 23, 1952	18.6	24,700
				1953	May 8, 1953	12.1	12,800
1943	Dec. 29, 1942	21.8	29,800	1954	Jan. 16, 1954	12.68	13,600
	Feb. 6, 1943	14.0	14,900	1955	Apr. 5, 1955	10.60	9,520
	Mar. 21, 1943	19.3	24,800				
	Apr. 13, 1943	14.0	14,900	1956	Mar. 16, 1956	11.71	11,400
	Apr. 20, 1943	13.6	14,200	1957	Apr. 5, 1957	15.15	18,000
				1958	Nov. 19, 1957	11.70	11,400
1944	Feb. 27, 1944	17.5	21,400	1959	June 1, 1959	11.1	9,730
	Mar. 7, 1944	14.7	16,200	1960	Feb. 1, 1960	10.8	9,330
	Mar. 20, 1944	18.2	22,700				
	Mar. 30, 1944	18.4	23,100	1961	Feb. 21, 1961	18.52	25,200

3955. Dikes Creek near Rome Ga.

Location.--Lat 34°16', long 85°05', half a mile upstream from bridge on U.S. Highway 411, 1½ miles upstream from mouth, and 5 miles east of Rome, Floyd County.

Drainage area.--14.8 sq mi.

Gage.--Recording. Altitude of gage is 620 ft (from topographic map).

Stage-discharge relation.--Defined by current-meter measurements below 700 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Feb. 28, 1939	2.54	259	1942	Feb. 16, 1942	5.1	1,010
1940	Mar. 14, 1940	1.87	141	1943	Dec. 29, 1942	4.6	873
1941	July 7, 1941	1.38	70				

3960. Etowah River at Rome, Ga.

Location.--Lat 34°15', long 85°09', on downstream side of center pier of Southern Railway bridge in Rome, Floyd County, 2 miles upstream from confluence with Oostanaula River.

Drainage area.--1,810 sq mi, approximately.

Gage.--Recording. Since May 15, 1939, auxiliary water-stage recorder at Second Avenue Bridge 1 mile downstream. Datum of gages is 561.70 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements. Stage-discharge relation is affected by backwater from Oostanaula River and fall is used as a factor in computing discharge.

Bankfull stage.--30 ft.

Historical data.--Flood of Dec. 11, 1919, was maximum flood known by local residents at that time; discharge estimated from data at upstream stations.

Remarks.--Peak discharges since December 1949 affected by storage in Allatoona Reservoir (usable capacity, 587,200 acre-ft). Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1920	Dec. 11, 1919	-	55,000	1950	Mar. 14, 1950	27.6	16,600
					Mar. 14, 1950	27.7	-
1938	Apr. 9, 1938	a37.5	a46,500				
1939	Mar. 1, 1939	-	b18,000	1951	Mar. 29, 1951	28.3	14,800
1940	Mar. 14, 1940	18.9	-		Mar. 30, 1951	31.1	-
	Aug. 14, 1940	18.4	14,400	1952	Mar. 23, 1952	28.6	23,000
					Mar. 23, 1952	28.7	-
1941	July 7, 1941	19.3	13,200	1953	May 8, 1953	19.8	11,700
	July 7, 1941	19.4	-	1954	Jan. 16, 1954	25.4	15,000
1942	Mar. 22, 1942	29.1	27,000		Jan. 22, 1954	26.5	-
	Mar. 22, 1942	29.4	-	1955	Feb. 7, 1955	21.3	9,430
1943	Dec. 30, 1942	32.1	29,000		Feb. 7, 1955	22.2	-
	Dec. 30, 1942	32.5	-				
1944	Mar. 30, 1944	30.7	25,200	1956	Mar. 17, 1956	20.5	11,400
	Mar. 30, 1944	31.1	-		Mar. 17, 1956	20.6	-
1945	Feb. 14, 1945	20.6	-	1957	Apr. 5, 1957	27.9	19,300
	Apr. 26, 1945	17.8	12,000		Apr. 5, 1957	28.1	-
				1958	Nov. 19, 1957	20.8	10,500
1946	Jan. 9, 1946	36.2	36,900		Nov. 24, 1957	21.4	-
	Feb. 11, 1946	37.4	-	1959	June 1, 1959	16.1	8,580
1947	Jan. 21, 1947	36.7	28,900		June 2, 1959	16.2	-
	Jan. 21, 1947	36.8	-	1960	Feb. 1, 1960	17.3	8,620
1948	Feb. 10, 1948	28.2	22,200		Mar. 4, 1960	18.0	-
	Feb. 14, 1948	28.9	-				
1949	Nov. 30, 1948	37.4	35,700	1961	Feb. 22, 1961	30.1	23,700
	Nov. 30, 1948	37.5	-		Feb. 25, 1961	30.4	-

a From Corps or Engineers.
b Estimated on basis of records for station near Kingston.

3970. Coosa River near Rome, Ga.

Location.--Lat 34°12', long 85°16', on left bank attached to abutment of Mayo Bar lock and dam, 1½ miles upstream from Webb Creek, 6 miles southwest of Rome, Floyd County, 7½ miles downstream from confluence of Oostanaula and Etowah Rivers, and at mile 279.

Drainage area.--4,040 sq mi, approximately.

Gage.--Nonrecording prior to June 21, 1928; recording June 21, 1928, to Feb. 28, 1932; nonrecording Mar. 1, 1932, to Mar. 9, 1937; recording Mar. 10, 1937, to Dec. 31, 1958; crest-stage gage thereafter. Datum of gage is 553.05 ft above mean sea level (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 63,000 cfs and extended above on basis of peak flow at station at Gadsden, Ala.

Bankfull stage.--30 ft.

Historical data.--From information given in "A History of Rome and Floyd County," Georgia Department of Archives, the April 1886 flood on the Coosa River was the highest that has occurred since the city of Rome was founded in 1834.

Remarks.--Stage records for 1914-27 and 1933-36 furnished by Corps of Engineers. Flood flows since December 1949 affected by storage in Allatoona Reservoir (usable capacity, 587,200 acre-ft). Base for partial-duration series, 25,000 cfs. Supplemental peaks are shown for period 1938-49 only.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1886	Apr. 1, 1886	a43	100,000	1943	Dec. 31, 1942	33.2	48,800
					Feb. 7, 1943	25.2	30,300
1914	Apr. 16, 1914	22.0	25,900		Mar. 23, 1943	31.8	43,600
1915	Feb. 2, 1915	25.1	29,900		Apr. 20, 1943	23.5	28,000
1916	July 12, 1916	-	b65,500	1944	Feb. 28, 1944	29.7	37,700
1917	Mar. 6, 1917	34.0	51,000		Mar. 31, 1944	32.4	45,700
1918	Jan. 31, 1918	26.2	31,400				
1919	Dec. 24, 1918	32.0	44,000	1945	Feb. 14, 1945	22.9	27,100
1920	Dec. 12, 1919	36.4	62,000		Mar. 5, 1945	21.0	24,600
1921	Feb. 12, 1921	35.9	59,500	1946	Jan. 10, 1946	36.2	61,000
1922	Jan. 24, 1922	33.9	50,600		Feb. 12, 1946	36.8	64,100
1923	Dec. 19, 1922	29.7	37,800		Mar. 10, 1946	24.4	29,000
1924	Apr. 20, 1924	26.6	31,900		Mar. 31, 1946	32.8	46,400
1925	Jan. 20, 1925	32.1	44,300		May 17, 1946	24.1	28,600
1926	Jan. 19, 1926	24.0	28,500	1947	Jan. 22, 1947	37.0	65,000
1927	Dec. 30, 1926	26.6	31,900		Apr. 17, 1947	21.7	25,600
1928	Dec. 17, 1927	20.2	23,700				
1929	Mar. 16, 1929	30.7	43,000	1948	Feb. 15, 1948	31.0	41,000
1930	Mar. 9, 1930	30.9	44,200		Mar. 24, 1948	21.4	25,200
1931	Nov. 17, 1930	24.9	30,000	1949	Nov. 21, 1948	21.7	25,500
1932	Feb. 4, 1932	27.8	33,700		Nov. 30, 1948	36.7	63,500
1933	Dec. 30, 1932	37.0	65,000		Jan. 7, 1949	31.2	41,600
1934	Mar. 6, 1934	31.6	42,800		Feb. 11, 1949	22.9	27,100
1935	Mar. 14, 1935	23.5	27,800		Feb. 20, 1949	23.0	27,200
1936	Apr. 8, 1936	36.9	64,500	1950	Mar. 15, 1950	29.6	37,500
1937	Jan. 4, 1937	34.9	54,600				
				1951	Mar. 30, 1951	33.6	49,400
1938	Mar. 21, 1938	23.7	28,600	1952	Mar. 24, 1952	28.8	35,600
	Apr. 3, 1938	25.3	30,800	1953	Jan. 10, 1953	21.5	25,300
	Apr. 10, 1938	36.2	64,000	1954	Jan. 23, 1954	29.5	37,200
	July 25, 1938	24.1	29,300	1955	Feb. 8, 1955	24.7	29,400
1939	Feb. 16, 1939	22.6	28,000	1956	Apr. 17, 1956	21.7	25,500
	Mar. 1, 1939	26.5	34,000	1957	Apr. 6, 1957	29.1	36,200
				1958	Nov. 20, 1957	22.9	27,100
1940	Mar. 14, 1940	20.4	25,500	1959	Apr. 21, 1959	16.1	18,600
				1960	Mar. 5, 1960	19.8	23,300
1941	July 6, 1941	19.8	25,000				
				1961	Feb. 26, 1961	30.2	39,000
1942	Feb. 19, 1942	28.7	37,000				
	Mar. 22, 1942	29.5	39,600				

a 40.3 ft on Fifth Avenue gage at Rome (equivalent to stage of about 43 ft at present site, from gage-height relation).
b Estimated on basis of gage record at Fifth Avenue in Rome, 7½ miles upstream.

3975. Cedar Creek near Cedartown, Ga.

Location.--Lat 34°04', long 85°19', on left bank 700 ft downstream from bridge on State Highway 161, 4½ miles upstream from Lake Creek and 4½ miles northwest of Cedartown, Polk County.

Drainage area.--109 sq mi.

Gage.--Recording. Datum of gage is 724.22 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Georgia State Highway Department).

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--7 ft.

Historical data.--Flood of November 1948 was the highest since 1886, according to information from local residents.

Remarks.--Base for partial-duration series, 2,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1943	Dec. 29, 1942	7.38	2,560	1951	Mar. 29, 1951	14.54	7,300
	Mar. 21, 1943	9.42	3,690		Aug. 8, 1951	7.1	2,260
	Apr. 12, 1943	9.95	4,050				
	Apr. 19, 1943	10.3	4,240	1952	Dec. 21, 1951	10.3	4,500
					Mar. 11, 1952	9.4	3,770
1944	Feb. 26, 1944	8.20	3,000		Mar. 23, 1952	13.4	6,420
	Mar. 7, 1944	10.5	4,370				
	Mar. 20, 1944	9.25	3,570	1953	Jan. 9, 1953	8.6	3,200
	Mar. 29, 1944	9.92	3,990				
				1954	Dec. 9, 1953	6.7	2,000
1945	Feb. 13, 1945	7.50	2,620		Jan. 16, 1954	13.1	6,180
	Mar. 4, 1945	7.9	2,830		Jan. 22, 1954	9.0	3,480
1946	Jan. 8, 1946	-	a4,000	1955	Feb. 7, 1955	9.9	4,170
	Jan. 31, 1946	6.62	2,080		Mar. 22, 1955	6.8	2,100
	Feb. 10, 1946	15.8	8,340				
	Mar. 16, 1946	6.85	2,180	1956	Feb. 6, 1956	7.3	2,380
	Mar. 29, 1946	12.7	5,890		Mar. 16, 1956	8.8	3,340
					Apr. 16, 1956	6.7	2,050
1947	Jan. 20, 1947	14.2	7,060				
	Apr. 14, 1947	10.6	4,420	1957	Apr. 5, 1957	13.5	6,500
1948	Feb. 9, 1948	8.65	3,200	1958	Nov. 18, 1957	7.0	2,200
	Mar. 22, 1948	7.05	2,200		July 20, 1958	8.2	2,920
	Mar. 27, 1948	7.08	2,260				
				1959	Feb. 13, 1959	7.0	2,200
1949	Nov. 28, 1948	16.4	8,820		May 31, 1959	9.9	4,170
	Jan. 6, 1949	11.0	5,130				
	Feb. 10, 1949	7.58	2,560	1960	Jan. 31, 1960	6.6	1,720
	Feb. 16, 1949	7.00	2,200				
				1961	Feb. 21, 1961	16.2	8,400
1950	Mar. 13, 1950	10.5	4,680		Feb. 23, 1961	9.1	3,010
	Sept. 8, 1950	9.35	3,620		Feb. 25, 1961	13.0	5,650

a Estimated.

3980. Chattooga River at Summerville, Ga.

Location.--Lat 34°28', long 85°20', on left bank 600 ft downstream from bridge on U.S. Highway 27, 1 mile southeast of Summerville, Chattooga County, and 4 miles upstream from Raccoon Creek.

Drainage area.--193 sq mi.

Gage.--Recording. Datum of gage is 613.47 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Georgia State Highway Department).

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--13 ft.

Remarks.--Base for partial-duration series, 3,000 cfs.

Peak stages and discharges of Chattooga River at Summerville, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	Mar. 10, 1938	12.0	3,040	1949	Mar. 31, 1949	14.1	4,140
	Apr. 8, 1938	17.7	12,100		June 16, 1949	13.9	3,930
	July 24, 1938	15.6	7,850	1950	Oct. 31, 1949	13.7	3,760
1939	Feb. 7, 1939	13.3	4,460		Jan. 7, 1950	14.0	4,030
	Feb. 15, 1939	14.7	6,340		Mar. 13, 1950	16.7	8,950
	Feb. 28, 1939	16.9	10,200		Sept. 2, 1950	15.6	6,500
	Mar. 6, 1939	12.0	3,080		Sept. 8, 1950	17.0	9,720
1940	Mar. 14, 1940	12.2	3,240	1951	Mar. 29, 1951	21.0	24,500
					Apr. 22, 1951	13.2	3,410
1941	July 16, 1941	11.4	2,660	1952	Dec. 15, 1951	13.8	3,840
1942	Feb. 17, 1942	14.8	5,040		Dec. 21, 1951	16.6	8,700
	Mar. 21, 1942	13.8	3,980		Mar. 11, 1952	19.0	16,000
	Aug. 21, 1942	12.5	3,100	1953	Jan. 10, 1953	13.3	3,470
1943	Dec. 29, 1942	17.9	12,600		Feb. 21, 1953	16.4	8,220
	Feb. 6, 1943	12.4	3,050				
	Mar. 22, 1943	14.1	4,270	1954	Jan. 16, 1954	17.2	10,300
	Apr. 19, 1943	15.3	5,700		Jan. 23, 1954	15.3	5,940
1944	Feb. 18, 1944	12.5	3,100	1955	Feb. 7, 1955	15.5	6,310
	Feb. 27, 1944	15.3	5,700		Mar. 22, 1955	12.9	3,240
	Mar. 20, 1944	14.4	4,580		May 16, 1955	14.4	4,500
	Mar. 29, 1944	16.2	7,330	1956	Feb. 17, 1956	15.6	6,500
1945	Feb. 13, 1945	16.1	7,110		Feb. 20, 1956	14.2	4,250
	Feb. 18, 1945	12.8	3,100		Apr. 7, 1956	13.0	3,290
					Apr. 16, 1956	15.5	6,310
1946	Jan. 8, 1946	18.8	16,600				
	Feb. 10, 1946	17.7	11,800	1957	Feb. 1, 1957	16.1	7,540
	Mar. 29, 1946	15.2	5,560		Feb. 4, 1957	14.3	4,370
	May 16, 1946	16.4	7,800		Apr. 5, 1957	13.3	3,470
	June 2, 1946	12.3	3,000	1958	Nov. 18, 1957	18.4	13,900
1947	Nov. 12, 1946	15.8	6,510		Dec. 21, 1957	13.7	3,760
	Jan. 16, 1947	16.3	7,560				
	Jan. 20, 1947	17.3	10,400	1959	Jan. 22, 1959	13.0	3,290
					Apr. 20, 1959	12.7	3,140
1948	Feb. 8, 1948	14.0	4,030				
	Feb. 13, 1948	16.8	9,200	1960	Mar. 3, 1960	12.8	3,190
1949	Nov. 20, 1948	12.8	3,190	1961	Feb. 23, 1961	16.4	8,220
	Nov. 28, 1948	20.6	22,700		Feb. 25, 1961	14.1	4,140
	Jan. 5, 1949	19.8	19,200		Mar. 8, 1961	13.6	3,680
	Feb. 20, 1949	13.4	3,540				

3985. Chattooga River at Gaylesville, Ala.

Location.--Lat 34°16', long 85°34', in SW¼ sec.11, T.9 S., R.10 E., near center of channel, at downstream side of bridge on State Highway 35, 0.2 mile southwest of Gaylesville and 9 miles upstream from Little River.

Drainage area.--377 sq mi.

Gage.--Nonrecording prior to Dec. 15, 1948, and since Dec. 7, 1955; recording Dec. 15, 1948, to Dec. 6, 1955. Datum of gage is 459.56 ft above mean sea level, datum of 1929, supplementary adjustment of 1936 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--16 ft.

Remarks.--Base for partial-duration series, 5,000 cfs. Only annual peaks are shown prior to 1948.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	Apr. 9, 1938	20.6	12,100	1952	Dec. 22, 1951	19.1	8,350
1939	Mar. 1, 1939	19.3	8,550		Dec. 26, 1951	18.1	6,460
1940	Mar. 14, 1940	15.2	4,190		Mar. 12, 1952	21.1	14,600
1941	July 16, 1941	17.8	6,140	1953	Jan. 10, 1953	18.0	6,300
1942	Feb. 17, 1942	18.8	7,600		Feb. 22, 1953	19.2	8,600
1943	Dec. 30, 1942	21.0	13,500				
1944	Mar. 29, 1944	20.1	10,600	1954	Jan. 17, 1954	19.57	9,700
1945	Feb. 15, 1945	18.3	6,830		Jan. 24, 1954	17.92	6,150
1946	Feb. 11, 1946	22.17	18,100	1955	Feb. 8, 1955	18.30	6,780
1947	Jan. 21, 1947	21.2	14,200				
				1956	Feb. 21, 1956	17.6	5,720
1948	Feb. 10, 1948	17.86	6,140		Apr. 7, 1956	17.5	5,580
	Feb. 14, 1948	20.6	12,100		Apr. 17, 1956	18.4	6,960
1949	Nov. 29, 1948	24.6	32,000	1957	Feb. 2, 1957	20.1	11,200
	Jan. 6, 1949	23.59	25,000		Apr. 6, 1957	17.6	5,720
1950	Mar. 14, 1950	20.6	12,700	1958	Nov. 20, 1957	20.2	11,500
	Sept. 3, 1950	18.53	7,340		Dec. 21, 1957	17.3	5,320
	Sept.10, 1950	19.49	9,410				
				1959	Apr. 20, 1959	17.3	4,320
1951	Mar. 30, 1951	25.24	33,700				
				1960	Mar. 30, 1960	16.8	4,720
1952	Dec. 16, 1951	17.1	5,070				

3990. Little River near Jamestown, Ala.

Location.--Lat 34°24', long 85°38', in NE¼ sec.30, T.7 S., R.10 E., a quarter of a mile upstream from Yellow Creek, three-eighths of a mile upstream from highway bridge, and 2½ miles west of Jamestown.

Drainage area.--121 sq mi.

Gage.--Recording. Datum of gage is 1,177.4 ft above mean sea level (Alabama Power Co. bench mark).

Stage-discharge relation.--Defined by current-meter measurements below 16,000 cfs and extended above by logarithmic plotting.

Remarks.--Base for partial-duration series, 4,000 cfs.

Peak stages and discahrges of Little River near Jamestown, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	Feb. 27, 1929	5.68	4,100	1940	Feb. 18, 1940	6.27	4,990
	Mar. 14, 1929	10.40	14,600				
	Mar. 23, 1929	6.76	5,890	1941	July 17, 1941	4.91	2,850
	May 2, 1929	5.72	4,100				
	May 7, 1929	6.38	5,210	1942	Feb. 17, 1942	6.52	5,380
					Mar. 21, 1942	5.84	4,250
1930	Nov. 14, 1929	9.38	11,900				
	Nov. 17, 1929	5.95	4,570	1943	Dec. 28, 1942	12.20	19,700
	Mar. 7, 1930	7.17	6,620		Mar. 21, 1943	5.74	4,100
					Apr. 19, 1943	6.38	5,210
1931	Nov. 16, 1930	6.42	5,210				
				1944	Feb. 27, 1944	7.97	8,350
1932	Dec. 14, 1931	6.63	5,550		Mar. 28, 1944	6.68	5,720
	Jan. 30, 1932	8.62	9,830				
	Feb. 2, 1932	5.81	4,250	1945	Feb. 13, 1945	7.73	7,650
1936	Jan. 8, 1936	6.93	6,070	1946	Jan. 8, 1946	11.56	17,900
	Jan. 18, 1936	6.63	5,550		Feb. 10, 1946	9.58	12,400
	Feb. 4, 1936	11.90	18,800		Mar. 28, 1946	6.06	8,590
	Apr. 2, 1936	11.30	17,900				
	Apr. 6, 1936	5.73	4,100	1947	Nov. 11, 1946	7.04	6,250
					Jan. 15, 1947	7.18	6,620
1937	Jan. 2, 1937	9.09	11,100		Jan. 20, 1947	9.02	10,900
	Jan. 25, 1937	6.00	4,570				
	Apr. 29, 1937	6.08	4,730	1948	Feb. 8, 1948	6.09	4,730
	May 3, 1937	6.73	5,720		Feb. 12, 1948	7.7	7,650
					Feb. 14, 1948	7.7	7,650
1938	Apr. 8, 1938	9.00	10,900				
	July 23, 1938	6.00	4,500	1949	Nov. 19, 1948	7.18	6,620
					Nov. 28, 1948	12.9	21,800
1939	Feb. 1, 1939	6.33	4,990		Jan. 5, 1949	11.90	18,800
	Feb. 28, 1939	8.57	9,830				

3995. Coosa River at Leesburg, Ala.

Location.--Lat 34°11', long 85°45', in NW¼ sec.12, T.10 S., R.8 E., near center of channel on downstream side of pier of bridge on U.S. Highway 411, 1 mile east of Leesburg and 4 miles downstream from Yellow Creek.

Drainage area.--5,270 sq mi, approximately.

Gage.--Nonrecording prior to Sept. 30, 1952; recording thereafter. Datum of gage is 517.77 ft above mean sea level, datum of 1929 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--28 ft.

Remarks.--Flow regulated by Allatoona Reservoir on Etowah River since December 1949. Base for partial-duration series, 30,000 cfs. Only annual peaks are shown prior to 1949 and since 1952.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	Apr. 12, 1938	33.2	64,000	1949	Feb. 20, 1949	23.30	35,300
1939	Mar. 3, 1939	a26.1	a40,200		May 3, 1949	21.24	31,900
1940	Mar. 16, 1940	a21.2	a31,700				
				1950	Mar. 15, 1950	29.4	47,100
1941	July 8, 1941	18.0	26,300		Sept.11, 1950	26.76	41,500
1942	Feb. 19, 1942	a26.3	a40,600				
1943	Jan. 1, 1943	a30.2	a48,300	1951	Mar.30,31, 1951	34.1	66,900
1944	Mar. 31, 1944	29.9	47,600		Apr. 23, 1951	20.3	30,200
1945	Feb. 15, 1945	23.0	34,800				
				1952	Dec. 23, 1951	27.5	42,900
1946	Feb. 14, 1946	35.08	73,200				
1947	Jan. 24, 1947	35.1	73,200	1953	Jan. 11, 1953	24.8	37,900
1948	Feb. 15, 1948	31.5	53,600	1954	Jan. 24, 1954	28.8	45,700
				1955	Feb. 8, 1955	24.5	37,400
1949	Nov. 21, 1948	21.82	32,800				
	Dec. 3, 1948	34.5	69,400	1956	Apr. 18, 1956	21.8	32,800
	Jan. 7, 1949	31.50	53,600	1957	Feb. 5, 1957	27.1	42,100
	Feb. 12, 1949	21.56	32,400	1958	Nov. 21, 1957	23.9	36,300

a Maximum observed.

4000. Terrapin Creek near Piedmont, Ala.

Location.--Lat 33°57', long 85°34', in SE¼ sec.27, T.12 S., R.10 E., on left bank at downstream side of bridge on U.S. Highway 278 and State Highway 74, 500 ft upstream from Southern Railway bridge, half a mile upstream from Ladiga Creek, and 3 miles northeast of Piedmont.

Drainage area.--115 sq mi.

Gage.--Recording prior to January 1955 and since September 1956; crest-stage gage January 1955 to September 1956. Datum of gage is 649.79 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 10,000 cfs and extended above by slope-conveyance study.

Bankfull stage.--6 ft.

Remarks.--Base for partial-duration series, 4,000 cfs. Only annual peaks are shown for 1955-56.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1945	May 13, 1945	8.44	3,950	1953	Jan. 9, 1953	9.5	5,690
1946	Jan. 7, 1946	10.50	8,450	1954	Jan. 16, 1954	11.54	12,000
	Feb. 10, 1946	11.90	14,100				
	Mar. 28, 1946	12.03	14,600	1955	Feb. 7, 1955	9.8	6,380
				1956	Mar. 17, 1956	9.0	4,790
1947	Jan. 20, 1947	11.20	11,000				
				1957	Apr. 5, 1957	11.1	10,600
1948	Feb. 7, 1948	8.3	3,830				
				1958	Sept.21, 1958	9.2	5,160
1949	Nov. 28, 1948	13.3	21,000				
	Jan. 5, 1949	10.00	6,930	1959	Oct. 1, 1958		
					Jan. 21, 1959	8.0	3,500
1950	Mar. 13, 1950	9.6	5,900				
				1960	Jan. 31, 1960	6.4	2,310
1951	Mar. 29, 1951	12.7	17,800				
				1961	Feb. 21, 1961	12.00	14,000
1952	Dec. 21, 1951	9.5	5,690		Feb. 23, 1961	10.21	7,290
	Mar. 11, 1952	9.2	5,120		Feb. 25, 1961	10.23	7,400
	Mar. 21, 1952	9.8	6,380				
	Mar. 23, 1952	11.0	10,000				

4005. Coosa River at Gadsden, Ala.

Location.--Lat 34°01', long 86°00', in NE¼ sec.10, T.12 S., R.6 E., near midstream in pier of Etowah County Memorial Bridge on U.S. Highway 431 in Gadsden, 450 ft downstream from Louisville & Nashville Railroad bridge and 1½ miles upstream from Big Wills Creek.

Drainage area.--5,800 sq mi, approximately.

Gage.--Recording prior to Apr. 1, 1932, and since May 23, 1935; nonrecording Apr. 1, 1932, to May 23, 1935. Datum of gage is 485.97 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements. Affected by backwater from tributary inflow at times.

Bankfull stage.--20 ft.

Historical data.--Maximum stage known, 37.9 ft Apr. 6, 1886, from floodmarks established by Corps of Engineers (discharge, 115,000 cfs, from rating curve extended above 80,000 cfs by logarithmic plotting). Flood of July 15, 1916, reached a stage of 32.7 ft (discharge, 85,000 cfs).

Remarks.--Only annual peaks are shown. Since December 1949, flow regulated by Allatoona Reservoir on Etowah River, and since April 1961, flow regulated by Weiss Reservoir on Coosa River.

Peak stages and discharges of Coosa River at Gadsden, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1927	Dec. 29, 1926	23.60	41,400	1946	Feb. 16, 1946	30.20	71,300
1928	Apr. 24, 1928	20.79	37,800	1947	Jan. 26, 1947	29.7	70,800
1929	Mar. 17, 1929	24.58	53,500	1948	Feb. 16, 1948	28.7	-
1930	Nov. 17, 1929	25.76	58,100		Feb. 17, 1948	-	56,000
				1949	Dec. 4, 1948	28.8	-
1931	Nov. 18, 1930	20.28	39,500		Dec. 6, 1948	-	66,000
1932	Feb. 5, 1932	23.86	51,000	1950	Mar. 15, 1950	25.3	-
1933	Jan. 3, 1933	30.3	72,900		Mar. 17, 1950	-	50,700
1934	Mar. 6, 1934	23.3	46,400				
1935	Mar. 14, 1935	20.5	38,500	1951	Apr. 1, 1951	28.9	64,600
				1952	Dec. 23, 1951	25.5	48,500
1936	Apr. 11, 1936	31.13	76,900	1953	Jan. 11, 1953	22.2	44,600
1937	Jan. 5, 1937	26.16	55,800	1954	Jan. 24, 1954	24.3	51,000
1938	Apr. 14, 1938	26.63	57,200	1955	Feb. 8, 1955	21.3	41,900
1939	Mar.6,7, 1939	21.82	42,000				
1940	Mar. 16, 1940	18.55	33,400	1956	Apr. 18, 1956	19.2	33,500
				1957	Feb. 6, 1957	23.2	47,600
1941	July 9, 1941	15.00	24,700	1958	Nov. 21, 1957	20.2	38,800
1942	Feb. 19, 1942	22.28	43,500	1959	Feb. 15, 1959	16.9	28,700
1943	Dec. 30, 1942	27.14	59,100	1960	Mar. 5, 1960	17.4	31,400
1944	Mar. 31, 1944	25.00	51,700				
1945	Feb. 15, 1945	20.00	-	1961	Feb. 26, 1961	30.61	74,800
	Feb. 17, 1945	19.1	34,800				

4010. Big Wills Creek near Crudup, Ala.

Location.--Lat 34°06', long 86°02', in SE¼ sec.6, T.11 S., R.6 E., near right bank on upstream side of bridge on county road, 1 mile upstream from Fisher Creek, 2 miles west of Crudup, and 4 miles downstream from Little Duck Creek.

Drainage area.--185 sq mi.

Gage.--Nonrecording prior to July 10, 1957; recording thereafter. Altitude of gage is 570 ft (by barometer).

Stage-discharge relation.--Defined by discharge measurements below 10,000 cfs and extended above by velocity-area study.

Bankfull stage.--9 ft.

Remarks.--Base for partial-duration series, 3,600 cfs. Only annual peaks are shown prior to 1948.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1884	-	16.3	-	1952	Mar. 12, 1952	10.2	3,760
1944	Mar. 29, 1944	10.76	5,410	1953	Feb. 22, 1953	11.1	5,180
1945	Feb. 14, 1945	9.52	2,920	1954	Jan. 16, 1954	11.1	5,180
1946	Feb. 10, 1946	13.04	9,530				
1947	Jan. 21, 1947	11.8	7,030	1955	Feb. 7, 1955	9.64	3,040
1948	Feb. 14, 1948	11.0	5,480	1956	Apr. 17, 1956	10.2	3,760
1949	Nov. 20, 1948	10.76	4,910	1957	Feb. 2, 1957	11.2	5,360
	Nov. 29, 1948	13.42	10,200				
	Jan. 5, 1949	14.2	11,800	1958	Nov. 19, 1957	12.0	6,250
1950	Mar. 14, 1950	12.0	7,430	1959	Feb. 14, 1959	-	a1,400
1951	Mar. 29, 1951	14.5	14,800	1960	Mar. 3, 1960	7.88	1,710
1952	Dec. 21, 1951	10.6	4,340	1961	Feb. 23, 1961	11.56	6,310
	Dec. 27, 1951	10.3	3,900		Mar. 9, 1961	9.96	3,600

a Maximum daily discharge.

4015. Big Canoe Creek near Gadsden, Ala.

Location.--Lat 33°54'11", long 86°06'37", in NW¼ sec.15, T.13 S., R.5 E., near left bank on downstream side of pier of bridge on U.S. Highway 411, 400 ft downstream from Rook Creek, 5 miles upstream from mouth, and 10 miles southwest of Gadsden.

Drainage area.--256 sq mi.

Gage.--Nonrecording prior to Dec. 13, 1948; recording thereafter. Datum of gage is 490.56 ft above mean sea level, datum of 1929 (levels by Corps of Engineers). Nonrecording auxiliary gage on Coosa River at Greensport Ferry prior to Nov. 3, 1949, and Oct. 1, 1955, to Sept. 30, 1958; on Big Canoe Creek 2 miles downstream Nov. 3, 1949, to Sept. 30, 1953.

Stage-discharge relation.--Defined by current-meter measurements below 18,000 cfs and extended above on basis of peak runoff for nearby streams. Affected by backwater from Coosa River at times.

Bankfull stage.--15 ft.

Remarks.--Base for partial-duration series, 4,000 cfs. Only annual peaks are shown prior to 1948.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	Apr. 8, 1938	23.0	21,100	1952	Mar. 11, 1952	13.2	4,170
1939	Feb. 28, 1939	a13.8	a4,640				
1940	Feb. 18, 1940	14.7	5,240	1953	Jan. 10, 1953	16.6	7,520
1941	July 7, 1941	11.7	3,370	1954	Jan. 16, 1954	17.1	8,130
1942	Feb. 17, 1942	17.3	8,160				
1943	Dec. 29, 1942	29.1	37,900	1955	Dec. 29, 1954	13.40	4,290
1944	Mar. 29, 1944	16.95	7,700		Feb. 6, 1955	15.94	6,690
1945	Feb. 13, 1945	a14.53	a5,100				
				1956	Feb. 5, 1956	13.8	4,560
1946	Feb. 10, 1946	20.2	13,600		Apr. 6, 1956	14.8	5,480
1947	Jan. 20, 1947	17.6	8,630				
				1957	Apr. 6, 1957	15.2	5,920
1948	Feb. 9, 1948	15.2	5,840				
	Apr. 6, 1948	14.95	5,510	1958	Dec. 20, 1957	13.6	4,420
					Sept.21, 1958	15.9	6,690
1949	Nov. 20, 1948	13.53	4,380				
	Nov. 29, 1948	22.5	18,200	1959	Feb. 15, 1959	13.7	4,490
	Jan. 6, 1949	22.6	18,500				
				1960	Mar. 3, 1960	15.90	6,690
1950	Mar. 14, 1950	19.2	11,300				
	July 16, 1950	12.95	4,000	1961	Feb. 23, 1961	23.58	19,400
					Mar. 8, 1961	13.83	4,580
1951	Mar. 30, 1951	21.4	15,800		Mar. 31, 1961	13.31	4,240
1952	Dec. 21, 1951	15.7	6,470				

a Maximum observed.

4025. Coosa River at Riverside, Ala.

Location.--Lat 33°37', long 86°12', in N½ sec.35, T.16 S., R.4 E., at Southern Railway bridge at Riverside, 1 mile upstream from Blue Eye Creek, 4 miles downstream from dam at lock 4, and 7 miles upstream from Choccolocco Creek.

Drainage area.--7,060 sq mi, approximately.

Gage.--Nonrecording. Altitude of gage is 450 ft (from topographic map).

Stage-discharge relation.--Defined by current-meter measurements below 45,000 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges of Coosa at Riverside, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1897	Mar. 20, 1897	15.3	56,600	1907	Mar. 3, 1907	14.2	52,000
1898	Sept. 9, 1898	11.7	42,600	1908	Feb. 16, 1908	14.6	53,700
1899	Mar. 17, 1899	17.5	66,000	1909	Mar. 14, 1909	19.9	76,200
1900	Apr. 18, 1900	18.3	66,300	1910	May 24, 1910	12.8	46,000
1901	Mar. 26, 1901	15.9	56,700	1911	Apr. 10, 1911	14.7	54,100
1902	Mar. 30, 1902	17.3	62,300	1912	Apr. 1, 1912	16.6	62,200
1903	Feb. 17, 1903	17.3	67,700	1913	Mar. 16, 1913	14.5	53,200
1904	Mar. 26, 1904	6.9	21,100	1914	Apr. 16, 1914	12.0	42,600
1905	Feb. 10, 1905	14.9	50,700	1915	Feb. 4, 1915	14.2	52,000
1906	Mar. 20, 1906	20.0	76,700	1916	July 16, 1916	21.4	82,600

4040. Choccolocco Creek near Jenifer, Ala.

Location.--Lat 33°34', long 85°56', in NW¼ sec.8, T.17 S., R.7 E., on left bank near upstream side of left abutment of Louisville & Nashville Railroad bridge, three-quarters of a mile upstream from Salt Creek and 1½ miles north of Jenifer.

Drainage area.--281 sq mi.

Gage.--Nonrecording prior to July 25, 1942; recording thereafter. Datum of gage if 554.15 ft above mean sea level, adjustment of 1903.

Stage-discharge relation.--Defined by current-meter measurements below 15,000 cfs and extended above by logarithmic plotting.

Bankfull stage.--8 ft.

Remarks.--Base for partial-duration series, 2,000 cfs. Only annual peaks are shown prior to 1943.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1904	Aug. 12, 1904	4.00	1,020	1947	Apr. 16, 1947	6.50	2,670
1905	Feb. 9, 1905	8.00	4,400				
				1948	Feb. 9, 1948	9.5	6,310
1906	Mar. 20, 1906	14.2	14,600		Mar. 8, 1948	6.14	2,330
1907	Feb. 1, 1907	9.1	5,740		Mar. 24, 1948	6.03	2,250
					Apr. 1, 1948	5.85	2,090
1930	Mar. 7, 1930	14.30	14,900		Apr. 7, 1948	7.40	3,570
1931	Nov. 18, 1930	5.75	1,930				
1932	Jan. 31, 1932	8.35	a4,450	1949	Nov. 24, 1948	6.30	2,490
					Nov. 29, 1948	15.1	16,600
1936	Feb. 4, 1936	17.2	21,900		Jan. 6, 1949	10.80	8,300
1937	Apr. 30, 1937	11.5	9,680		Feb. 10, 1949	6.50	2,670
1938	Apr. 8, 1938	16.0	18,800		Feb. 18, 1949	6.80	2,950
1939	Mar. 2, 1939	7.52	3,240		May 2, 1949	6.06	2,250
1940	July 13, 1940	9.60	5,980				
				1950	Mar. 15, 1950	5.7	2,020
1941	Mar. 22, 1941	5.01	1,420				
1942	Mar. 21, 1942	9.74	6,140	1951	Feb. 21, 1951	6.0	2,250
					Mar. 29, 1951	16.6	20,400
1943	Dec. 30, 1942	7.82	3,570		Apr. 23, 1951	6.0	2,250
	Mar. 21, 1943	10.17	7,030				
	Apr. 20, 1943	7.95	3,800	1952	Dec. 22, 1951	9.6	6,460
					Dec. 27, 1951	5.7	2,020
1944	Mar. 21, 1944	7.11	2,840		Mar. 5, 1952	6.2	2,410
	Mar. 30, 1944	8.82	4,810		Mar. 12, 1952	6.9	3,050
	Apr. 12, 1944	6.89	2,660		Mar. 23, 1952	11.7	9,770
	Apr. 22, 1944	6.09	2,050				
	Apr. 27, 1944	7.33	3,040	1953	Jan. 10, 1953	10.9	8,440
1945	May 15, 1945	7.03	2,750	1954	Jan. 17, 1954	10.6	7,950
					Jan. 22, 1954	6.8	3,070
1946	Jan. 7, 1946	13.56	13,400				
	Jan. 16, 1946	6.02	2,250	1955	Feb. 8, 1955	7.56	3,920
	Feb. 11, 1946	12.38	11,200		Apr. 14, 1955	9.30	6,070
	Mar. 29, 1946	12.91	12,200				
	Apr. 8, 1946	5.89	2,170	1956	Feb. 6, 1956	6.32	2,590
					Mar. 16, 1956	9.73	6,630
1947	Jan. 20, 1947	13.00	12,500		Apr. 8, 1956	5.77	2,100
	Mar. 6, 1947	9.50	6,310		Apr. 16, 1956	7.21	3,480

a Maximum during period October to March.

Peak stages and discharges of Choccolocco Creek near Jenifer, Ala.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1956	Feb. 2, 1956	5.76	2,100	1959	June 1, 1959	7.3	3,300
1957	Mar. 25, 1957	5.74	2,100	1960	Feb. 1, 1960	6.1	2,220
	Apr. 5, 1957	12.9	11,800	1961	Feb. 22, 1961	15.12	15,800
1958	Feb. 8, 1958	7.0	3,000		Feb. 25, 1961	11.42	8,870
	Apr. 16, 1958	8.5	4,600		Mar. 9, 1961	7.47	3,470
1959	Feb. 15, 1959	6.1	2,220		Apr. 14, 1961	6.28	2,360

4042.45. Cheaha Creek near Talladega, Ala.

Location.--In SE¼ sec.28, T.17 S., R.6 E., at bridge on county road, 8 miles north of Talladega.

Drainage area.--69.2 sq mi.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by five current-meter measurements below 4,000 cfs and extended above on basis of peak runoff between Choccolocco Creek near Jenifer and Choccolocco Creek near Lincoln.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Mar. 29, 1951	20.2	16,000	1957	Apr. 5, 1957	16.1	6,800
1952	Mar. 23, 1952	14.8	5,100	1958	Feb. 6, 1958	11.1	2,300
1953	Jan. 8, 1953	12.9	3,200	1959	Jan. 21, 1959	6.5	930
				1960	-	-	(a)
1955	Apr. 13, 1955	15.1	5,400				
				1961	Feb. 22, 1961	16.32	7,000
1956	Mar. 16, 1956	13.7	3,900				

a Less than 720 cfs, which is discharge at bottom of indicator.

4045. Choccolocco Creek near Lincoln, Ala.

Location.--Lat 33°34', long 86°08', in SW¼ sec.9, T.17 S., R.5 E., at bridge on State Highway 77, three-eighths of a mile downstream from Smith's mill, 4 miles south of Lincoln, 6 miles upstream from mouth, and 8 miles north of Talladega.

Drainage area.--499 sq mi.

Gage.--Nonrecording at site 1,000 ft upstream prior to June 4, 1939; recording June 4, 1939, to Sept. 30, 1953; crest-stage gage thereafter. Datum of gage is 448.46 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 45,000 cfs.

Historical data.--Maximum stage known, that of 1886.

Remarks.--Base for partial-duration series, 5,000 cfs. Only annual peaks are shown since 1953.

Peak stages and discharges of Choccolocco Creek near Lincoln, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1886	-	27.5	-	1948	Apr. 7, 1948	9.37	5,270
1939	Feb. 28, 1939	13.97	9,090	1949	Nov. 22, 1948	9.37	5,270
					Nov. 28, 1948	21.1	24,100
1940	Feb. 18, 1940	9.00	5,250		Jan. 6, 1949	16.27	11,800
	Mar. 14, 1940	10.66	6,720		Feb. 16, 1949	10.50	6,250
	July 13, 1940	11.60	7,510		Mar. 10, 1949	10.20	5,980
					May 2, 1949	9.30	5,190
1941	Aug. 13, 1941	8.54	4,840				
				1950	Feb. 10, 1950	7.1	3,430
1942	Mar. 21, 1942	19.73	17,700				
				1951	Mar. 29, 1951	25.5	49,300
1943	Dec. 28, 1942	11.92	7,460		Apr. 22, 1951	11.3	6,970
	Mar. 21, 1943	16.16	12,200				
	Apr. 19, 1943	12.62	8,150	1952	Dec. 21, 1951	14.5	9,900
					Dec. 26, 1951	9.2	5,110
1944	Mar. 29, 1944	13.73	9,130		Mar. 11, 1952	9.7	5,530
	Apr. 11, 1944	13.47	8,950		Mar. 23, 1952	17.4	13,200
	Apr. 18, 1944	9.70	5,530				
	Apr. 27, 1944	13.02	8,500	1953	Jan. 10, 1953	16.4	11,800
					Apr. 30, 1953	9.8	5,620
1945	May 13, 1945	9.13	5,030				
				1954	Jan. 17, 1954	12.2	7,780
1946	Jan. 7, 1946	21.88	27,700	1955	Apr. 13, 1955	17.4	13,200
	Feb. 10, 1946	18.80	16,000				
	Mar. 30, 1946	16.29	12,000	1956	Mar. 16, 1956	17.0	12,500
				1957	Apr. 5, 1957	19.4	17,900
1947	Jan. 20, 1947	21.00	23,600	1958	Feb. 8, 1958	10.9	6,610
	Mar. 6, 1947	13.43	8,860	1959	June 1, 1959	6.8	3,220
	Apr. 14, 1947	12.15	7,780	1960	Feb. 1, 1960	7.4	3,670
1948	Feb. 9, 1948	14.4	9,800	1961	Feb. 22, 1961	22.09	25,700
	Mar. 23, 1948	12.48	7,980				

4050. Coosa River near Cropwell, Ala.

Location.--Lat 33°30', long 86°14', in SE¼ sec.33, T.17 S., R.4 E., near left bank on downstream side of bridge on State Highway 34, 2 miles downstream from Poorhouse Branch and 4 miles southeast of Cropwell.

Drainage area.--7,690 sq mi, approximately.

Gage.--Nonrecording. Datum of gage is 420.68 ft above mean sea level, datum of 1929, supplementary adjustment of 1943 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1942	Mar. 22, 1942	13.5	59,900	1951	Mar. 30, 1951	23.7	126,000
1943	Dec. 29, 1942	20.8	104,000	1952	Dec. 21, 1951	16.2	75,200
1944	Mar. 30, 1944	17.3	81,500	1953	Jan. 10, 1953	16.0	74,000
1945	Feb. 18, 1945	12.0	49,800	1954	Jan. 17, 18, 1954	15.5	70,500
				1955	Feb. 8, 1955	13.66	59,200
1946	Feb. 11, 1946	20.7	103,000				
1947	Jan. 21, 1947	21.0	105,000	1956	Mar. 17, 1956	13.1	55,600
1948	Feb. 10, 1948	17.0	79,500	1957	Apr. 6, 1957	16.5	77,000
1949	Nov. 30, 1948	22.8	117,000	1958	Nov. 23, 1957	11.7	47,800
1950	Mar. 15, 1950	16.4	75,900				

4055. Kelly Creek near Vincent, Ala.

Location.--Lat 33°26'50", long 86°23'15", in SW¼ sec.24, T.18 S., R.2 E., on downstream side of left pier of bridge on State Highway 53, 1½ miles downstream from Little Creek, 4¼ miles north of Vincent, and 5.2 miles upstream from mouth.

Drainage area.--192 sq mi.

Gage.--Recording. Datum of gage is 404.09 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 10,000 cfs and extended above by a contracted-opening measurement at 30,900 cfs. Affected at times by backwater from Coosa River.

Bankfull stage.--14 ft.

Remarks.--Base for partial-duration series, 5,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	Dec. 21, 1951	19.51	8,770	1957	Apr. 5, 1957	20.4	9,840
1953	Jan. 10, 1953	20.5	9,970	1958	Feb. 7, 1958	15.24	5,040
1954	Jan. 17, 1954	17.88	7,190	1959	Jan. 22, 1959	12.9	3,730
1955	Feb. 7, 1955	20.86	10,500	1960	Mar. 3, 1960	13.20	3,880
	Apr. 14, 1955	16.40	5,920	1961	Feb. 22, 1961	27.0?	30,900
1956	Feb. 5, 1956	15.2	5,040		Apr. 1, 1961	-	(a)
	Mar. 16, 1956	16.53	6,000				

a Stage and discharge unknown.

4060. Talladega Creek near Talladega, Ala.

Location.--Lat 33°23'20", long 86°06'45", in SW¼ sec.10, T.19 S., R.5 E., near right bank on downstream side of pier of highway bridge, half a mile upstream from Weisinger Branch, 2 miles upstream from U.S. Highway 231 (alternate), 2½ miles downstream from Dry Creek, and 3¼ miles south of Talladega.

Drainage area.--98.4 sq mi.

Gage.--Recording. Altitude of gage is 500 ft (by barometer).

Stage-discharge relation.--Defined by current-meter measurements below 6,900 cfs and extended above by logarithmic plotting.

Bankfull stage.--10 ft.

Remarks.--Base for partial-duration series, 2,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	March 1951	19	33,000	1957	Apr. 5, 1957	13.9	7,770
1953	Jan. 8, 1953	8.05	3,000	1958	Feb. 6, 1958	10.86	4,880
	Apr. 12, 1953	9.03	3,750				
	Apr. 30, 1953	7.05	2,300	1959	Jan. 21, 1959	6.15	1,620
1954	Jan. 22, 1954	4.58	950	1960	Jan. 31, 1960	5.63	1,330
1955	Apr. 13, 1955	12.60	6,040	1961	Feb. 19, 1961	9.0?	3,410
					Feb. 21, 1961	11.70	5,600
1956	Feb. 5, 1956	7.08	2,000		Feb. 25, 1961	10.52	4,560
	Feb. 20, 1956	8.88	3,100		Mar. 8, 1961	7.14	2,130
	Mar. 16, 1956	14.6	8,450		Mar. 31, 1961	8.2?	2,820
	Apr. 16, 1956	11.8	5,340				

4065. Talladega Creek at Alpine, Ala.

Location.--Lat 33°21', long 86°14', in SE¼ sec.21, T.19 S., R.4 E., on left bank at downstream side of pier of highway bridge, half a mile downstream from Southern Railway bridge, 1 mile north of Alpine, 9 miles southwest of Talladega, and 11 miles upstream from mouth.

Drainage area.--148 sq mi.

Gage.--Nonrecording prior to May 17, 1939; recording May 17, 1939, to Dec. 31, 1951; crest-stage gage thereafter. At site half a mile upstream at different datum Aug. 16, 1900, to Dec. 31, 1904. Datum of gage is 431.34 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 14,000 cfs and extended above by a slope-area measurement at 39,000 cfs.

Remarks.--Base for partial-duration series, 2,500 cfs. Only annual peaks are shown prior to 1940 and since 1951.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1901	Aug. 19, 1901	11.28	2,600	1947	Apr. 14, 1947	11.29	2,500
1902	Mar. 28, 1902	12.6	3,280		June 23, 1947	12.50	3,350
1903	Feb. 28, 1903	16.2	8,800				
1904	Aug. 5, 1904	6.1	1,210	1948	Feb. 9, 1948	12.30	3,160
					Mar. 23, 1948	13.64	5,560
1939	Feb. 28, 1939	12.84	3,760				
				1949	Nov. 28, 1948	14.00	6,740
1940	July 13, 1940	13.20	4,220		Jan. 6, 1949	13.20	4,410
					Apr. 30, 1949	11.57	2,670
1941	Mar. 21, 1941	10.58	2,140				
				1950	Mar. 13, 1950	10.74	2,200
1942	Mar. 21, 1942	15.21	14,300				
				1951	Mar. 29, 1951	16.6	39,000
1943	Dec. 28, 1942	12.20	3,080		Apr. 19, 1951	12.2	2,930
	Mar. 21, 1943	13.21	4,410				
	Apr. 19, 1943	13.42	4,820	1952	Dec. 21, 1951	13.36	4,750
				1953	Jan. 8, 1953	12.2	3,080
1944	Mar. 29, 1944	12.60	3,460	1954	Jan. 23, 1954	7.38	980
	Apr. 12, 1944	11.98	2,930	1955	Apr. 13, 1955	14.3	8,100
	Apr. 27, 1944	12.34	3,160				
				1956	Mar. 16, 1956	14.6	9,800
1945	May 13, 1945	12.31	3,160	1957	Apr. 5, 1957	14.7	10,500
				1958	Feb. 6, 1958	13.3	4,630
1946	Jan. 7, 1946	14.99	12,800	1959	Jan. 22, 1959	9.0	1,480
	Feb. 10, 1946	12.63	3,460	1960	Jan. 31, 1960	8.8	1,410
	Mar. 28, 1946	12.31	3,160				
				1961	Feb. 22, 1961	14.63	10,200
1947	Jan. 20, 1947	14.89	12,100				

4070. Coosa River at Childersburg, Ala.

Location.--Lat 33°17', long 86°22', in NE¼ sec.18, T.20 S., R.3 E., on downstream side of second masonry pier from right bank of Central of Georgia Railway bridge, 700 ft upstream from bridge on State Highway 38, half a mile downstream from Tallasseehatchee Creek, and 1 mile northwest of Childersburg.

Drainage area.--8,390 sq mi, approximately.

Gage.--Recording. Datum of gage is 382.45 ft above mean sea level, datum of 1929, supplementary adjustment of 1943 (levels by Alabama Power Co.). Prior to Oct. 1, 1915, at datum 0.10 ft lower.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown. Records furnished by Alabama Power Co.

Peak stages and discharges of Coosa River at Childersburg, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1914	Apr. 17, 1914	-	a38,200	1937	Jan. 4, 1937	22.5	94,200
1915	Feb. 6, 1915	-	a61,100	1938	Apr. 9, 1938	30.03	136,000
				1939	Mar. 7, 1939	17.86	67,500
1916	July 11, 1916	24.7	121,000	1940	Feb. 19, 1940	14.00	48,200
1917	Mar. 5, 10, Apr. 5, 1917	20.8	95,700	1941	Aug. 13, 1941	10.57	32,700
1918	Jan. 31, Feb. 1, 1918	16.1	68,700	1942	Mar. 22, 1942	21.2	85,100
				1943	Dec. 30, 1942	26.4	116,000
1919	Oct. 31, 1918	20.7	95,500	1944	Mar. 30, 1944	22.30	92,700
1920	Dec. 10, 1919	24.0	116,000	1945	Feb. 18, 1945	14.2	49,700
1921	Feb. 12, 1921	20.3	92,500	1946	Feb. 12, 1946	25.80	113,000
1922	Mar. 11, 1922	20.9	96,400	1947	Jan. 21, 1947	26.95	127,000
1923	Feb. 14, 1923	19.4	86,900	1948	Feb. 10, 1948	19.88	83,100
1924	Apr. 21, 1924	14.48	53,600	1949	Nov. 30, 1948	28.3	136,000
1925	Jan. 19, 1925	20.9	89,000	1950	Mar. 15, 1950	19.1	78,400
1926	Jan. 22, 1926	14.64	54,800	1951	Mar. 30, 31, 1951	30.1	146,000
1927	Feb. 14, 1927	17.8	71,600	1952	Dec. 22, 1951	21.0	86,200
1928	Apr. 24, 1928	19.8	83,000	1953	Jan. 11, 1953	20.85	85,100
1929	Mar. 16, 1929	24.84	114,000	1954	Jan. 18, 1954	18.45	72,200
1930	Nov. 18, 1929	22.81	101,000	1955	Apr. 14, 1955	18.50	72,800
1931	Nov. 19, 1930	13.94	51,100	1956	Mar. 17, 1956	19.15	75,400
1932	Feb. 3, 1932	17.85	71,700	1957	Apr. 6, 1957	21.90	90,900
1933	Dec. 18, 1932	24.3	110,000	1958	Nov. 23, 1957	14.10	49,200
1934	Mar. 4, 1934	22.4	92,400	1959	Feb. 16, 1959	13.08	44,400
1935	Oct. 11, 1934	18.9	75,000	1960	Mar. 4, 1960	14.60	51,600
1936	Feb. 5, 1936	28.5	130,000	1961	Feb. 23, 1961	30.41	140,000

a Maximum daily mean discharge.

4075. Yellowleaf Creek near Wilsonville, Ala.

Location.--Lat 33°18', long 86°33', in NW¼ sec.9, T.20 S., R.1 E., on upstream side of right pier of county road bridge, 3½ miles south of U.S. Highway 280, 4 miles upstream from Muddy Prong, and 6 miles northwest of Wilsonville.

Drainage area.--97.2 sq mi.

Gage.--Recording. Datum of gage is 430.56 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 5,600 cfs and extended above by velocity-area study.

Bankfull stage.--17 ft.

Remarks.--Base for partial-duration series, 1,500 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Mar. 29, 1951	23.85	19,300	1956	Apr. 17, 1956	15.60	2,020
	Apr. 23, 1951	14.7	1,670	1957	Apr. 5, 1957	19.5	4,050
1952	Dec. 22, 1951	19.6	4,190	1958	Feb. 7, 1958	16.4	2,200
1953	Jan. 9, 1953	19.1	3,590				
	Feb. 21, 1953	14.5	1,680	1959	Jan. 22, 1959	11.2	982
	Apr. 12, 1953	14.3	1,630	1960	Mar. 16, 1960	11.38	1,010
1954	Jan. 17, 1954	11.3	1,050	1961	Feb. 21, 1961	25.2	26,700
1955	Feb. 7, 1955	18.06	2,920		Mar. 8, 1961	15.58	1,960
	Apr. 14, 1955	18.60	3,210		Apr. 1, 1961	17.78	2,760
1956	Feb. 6, 1956	17.72	2,720				
	Mar. 16, 1956	18.68	3,280				

4085. Hatchet Creek near Rockford, Ala.

Location.--Lat 32°57', long 86°13', in NW¼ sec.31, T.23 N., R.19 E., near left bank on downstream side of pier of county road bridge, 1 mile downstream from U.S. Highway 231, 1½ miles downstream from Socapatoy Creek, and 4 miles north of Rockford.

Drainage area.--244 sq mi.

Gage.--Nonrecording prior to Dec. 9, 1944; recording thereafter. Altitude of gage is 450 ft (from topographic map).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 3,500 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1945	Feb. 5, 1945	11.70	3,990	1952	Mar. 23, 1952	11.36	3,900
	Feb. 20, 1945	12.45	4,520				
	Mar. 4, 1945	11.12	3,570	1953	Dec. 10, 1952	12.4	5,280
	Apr. 25, 1945	20.80	14,700		Jan. 9, 1953	13.0	5,640
	May 12, 1945	18.02	10,500		Feb. 24, 1953	12.1	5,100
					Apr. 10, 1953	13.1	5,700
1946	Dec. 25, 1945	14.31	6,200		Apr. 12, 1953	11.5	4,740
	Jan. 6, 1946	24.90	22,800		Apr. 30, 1953	15.2	7,160
	Mar. 8, 1946	14.33	6,200		Sept.27, 1953	12.0	5,040
	Mar. 16, 1946	12.82	4,840				
	Mar. 28, 1946	16.40	8,480	1954	Apr. 16, 1954	8.1	2,870
	May 20, 1946	11.98	4,200				
				1955	Feb. 6, 1955	12.25	4,920
1947	Jan. 20, 1947	19.60	12,800		Apr. 11, 1955	10.85	4,100
	Apr. 16, 1947	11.20	3,640		Apr. 13, 1955	18.82	11,400
	June 22, 1947	11.46	3,850				
				1956	Feb. 5, 1956	10.55	3,840
1948	Nov. 11, 1947	11.81	4,060		Mar. 16, 1956	20.73	15,600
	Feb. 9, 1948	11.60	3,920		Mar. 29, 1956	10.55	3,840
	Mar. 23, 1948	16.8	8,960		Apr. 6, 1956	13.90	5,870
	Mar. 31, 1948	11.86	4,170		Apr. 16, 1956	13.55	5,660
	July 10, 1948	10.88	3,540				
				1957	Dec. 24, 1956	10.2	3,640
1949	Nov. 19, 1948	12.69	4,620		Mar. 24, 1957	10.9	3,990
	Nov. 22, 1948	13.79	5,290		Apr. 1, 1957	11.2	4,160
	Nov. 27, 1948	20.1	13,400		Apr. 5, 1957	21.9	18,900
	Jan. 5, 1949	14.49	5,950				
	Apr. 29, 1949	14.87	6,310	1958	Feb. 6, 1958	12.7	5,060
	May 2, 1949	11.15	3,800				
				1959	Jan. 22, 1959	12.6	5,000
1950	Feb. 10, 1950	11.83	4,150				
	May 3, 1950	12.2	4,320	1960	Mar. 30, 1960	12.8	5,120
1951	Mar. 29, 1951	21.7	18,600	1961	Feb. 19, 1961	17.15	8,860
	Apr. 22, 1951	11.3	3,780		Feb. 25, 1961	17.83	9,660
					Mar. 31, 1961	18.15	10,100
1952	Dec. 21, 1951	18.42	11,000		Apr. 12, 1961	10.17	3,800
	Mar. 3, 1951	18.26	10,700		July 21, 1961	9.96	3,690
	Mar. 11, 1952	11.36	3,900				

4090. Weogufka Creek near Weogufka, Ala.

Location.--Lat 32°59', long 86°18', in NE¼ sec.18, T.23 N., R.18 E., near right bank on downstream side of pier of bridge on county road, 2 miles south of Weogufka and 6 miles upstream from Phinikochika Creek.

Drainage area.--73.6 sq mi.

Gage.--Recording prior to Oct. 1, 1958; crest-stage gage thereafter. Datum of gage is 593.08 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 2,000 cfs. Only annual peaks are shown since 1959.

Peak stages and discharges of Weogufka Creek near Weogufka, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Mar. 29, 1951	16.8	24,200	1956	Apr. 6, 1956	10.58	2,800
					Apr. 16, 1956	11.12	3,330
1952	Dec. 21, 1951	11.0	3,220				
	Mar. 4, 1952	10.7	2,900	1957	Apr. 5, 1957	13.0	6,600
					May 11, 1957	11.8	4,300
1953	Apr. 10, 1953	10.4	2,600				
	Apr. 30, 1953	10.5	2,700	1958	Feb. 7, 1958	9.45	1,800
1954	Mar. 27, 1954	7.20	838	1959	Jan. 21, 1959	9.2	1,680
				1960	Mar. 30, 1960	8.6	1,370
1955	Apr. 14, 1955	12.30	5,100				
				1961	Feb. 25, 1961	10.92	3,130
1956	Mar. 16, 1956	11.93	4,450				

4100. Sofkahatchee Creek near Wetumpka, Ala.

Location.--Lat 32°41', long 86°07', in NW¼ sec.36, T.20 N., R.19 E., near right bank on upstream side of pier of bridge on county road, 2 miles west of Central and 11 miles northeast of Wetumpka.

Drainage area.--5.1 sq mi, approximately.

Gage.--Recording. Altitude of gage is 440 ft (by barometer).

Stage-discharge relation.--Defined by current-meter measurements below 400 cfs and by slope-area measurements at 682 and 837 cfs.

Remarks.--Base for partial-duration series, 400 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1954	June 2, 1954	3.28	258	1959	June 6, 1959	2.85	204
1955	Feb. 6, 1955	4.20	410	1960	Mar. 29, 1960	7.16	856
					Apr. 3, 1960	4.70	506
1956	Feb. 5, 1956	4.53	462				
	Mar. 16, 1956	5.30	604	1961	Feb. 18, 1961	4.25	440
	Apr. 5, 1956	5.50	640		Feb. 19, 1961	7.17	852
					Feb. 25, 1961	9.10	1,100
1957	Dec. 23, 1956	4.18	410		Mar. 31, 1961	6.30	730
	Apr. 4, 1957	7.0	828		Apr. 15, 1961	4.60	492
					June 20, 1961	7.10	842
1958	Feb. 6, 1958	7.20	856		Aug. 31, 1961	4.80	520

4110. Coosa River at Jordan Dam, near Wetumpka, Ala.
(Published as "at lock 16 near Wetumpka" prior to 1937)

Location.--Lat 32°37', long 86°15', in S½ sec.22, T.19 N., R.18 E., on right bank half a mile downstream from Jordan Dam, 4 miles upstream from Corn Creek, 5½ miles northwest of Wetumpka, and 12 miles upstream from confluence with Tallapoosa River.

Drainage area.--10,200 sq mi, approximately.

Gage.--Nonrecording a quarter of a mile upstream at different datum prior to September 1914; recording thereafter. Datum of gage is 141.6 ft above mean sea level (levels by Alabama Power Co.).

Stage-discharge relation.--Defined by current-meter measurements below 130,000 cfs and extended above by powerplant records. Affected at times by backwater from Tallapoosa River.

Remarks.--Only annual peaks are shown. Records furnished by Alabama Power Co.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1913	Mar. 16, 1913	-	a66,100	1944	Mar. 29, 1944	31.1	149,000
1914	Apr. 18, 1914	-	a39,800	1945	Apr. 25, 1945	28.1	123,000
1927	Feb. 13, 1927	28.8	138,000	1946	Jan. 7, 1946	35.0	184,000
1928	Apr. 23, 1928	27.8	130,000	1947	Jan. 20, 1947	37.7	209,000
1929	Mar. 15, 1929	38.6	207,000	1948	Feb. 9, 1948	25.1	102,000
1930	Nov. 18, 1929	30.7	134,000	1949	Nov. 28, 1948	-	162,000
					Nov. 29, 1948	35.5	-
1931	Apr. 6, 1931	18.7	60,800	1950	Mar. 15, 1950	22.8	86,600
1932	Jan. 6, 1932	25.0	106,000				
1933	Dec. 28, 1932	30.7	138,000	1951	Mar. 29, 1951	38.2	217,000
1934	Mar. 4, 1934	29.0	140,000	1952	Dec. 21, 1951	28.1	124,000
1935	Oct. 11, 1934	22.7	88,600	1953	Jan. 10, 1953	24.9	100,000
				1954	Jan. 22, 1954	21.8	80,000
1936	Feb. 4, 1936	37.3	197,000	1955	Apr. 13, 1955	30.2	142,000
1937	Jan. 5, 1937	29.3	131,000				
1938	Apr. 8, 1938	46.4	298,000	1956	Mar. 16, 1956	33.6	172,000
1939	Aug. 16, 1939	30.1	140,000	1957	Apr. 5, 1957	35.9	194,000
1940	Mar. 14, 1940	23.60	90,200	1958	Feb. 7, 1958	21.6	78,700
				1959	Feb. 15, 16, 1959	17.7	53,700
1941	July 10, 1941	14.8	35,800	1960	Mar. 5, 1960	18.20	56,700
1942	Mar. 21, 1942	35.1	186,000				
1943	Mar. 21, 1943	33.9	168,000	1961	Feb. 25, 1961	40.45	234,000

a Maximum daily mean discharge.

4119. Tallapoosa River at Tallapoosa, Ga.

Location.--Lat 33°46', long 85°18', at State Highway 100, 2 miles north of Tallapoosa, Haralson County.

Drainage area.--237 sq mi.

Gage.--Crest-stage gage. Datum of gage is 935.06 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements below 8,700 cfs and extended above on basis of slope-area study at 20,000 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1936	February 1936	a24.1	10,400	1956	Mar. 16, 1956	21.66	7,560
				1957	Apr. 5, 1957	20.60	6,860
1949	Nov. 29, 1948	b27.4	20,000	1958	April 1958	11.93	2,860
				1959	May 31, 1959	17.50	5,300
1951	March 1951	12.5	3,080	1960	Apr. 3, 1960	10.36	2,340
1952	Mar. 23, 1952	22.37	8,120				
1953	Jan. 10, 1953	18.1	5,660	1961	Feb. 21, 1961	24.7	11,500
1954	Jan. 16, 1954	19.93	6,440				
1955	Feb. 23, 1955	13.43	3,390				

a From information by local resident.
b From floodmarks.

4120. Tallapoosa River near Heflin, Ala.

Location.--Lat 33°37', long 85°31', in NE¼ sec.19, T.16 S., R.11 E., on right bank on downstream side of pier of county road bridge, 2¼ miles upstream from Cane Creek and 4 miles southeast of Heflin.

Drainage area.--444 sq mi.

Gage.--Recording. Altitude of gage is 830 ft (by barometer).

Stage-discharge relation.--Defined by current-meter measurements below 8,500 cfs and by contracted-opening measurement at 19,300 cfs.

Remarks.--Base for partial-duration series, 3,500 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1953	Jan. 10, 1953	20.4	8,110	1957	Apr. 5, 1957	21.4	9,140
	Feb. 22, 1953	12.3	3,690		Sept.29, 1957	12.4	3,730
	May 1, 1953	14.3	4,590				
	May 6, 1953	14.1	4,500	1958	Nov. 19, 1957	12.1	3,600
					Feb. 7, 1958	14.6	4,820
1954	Jan. 18, 1954	19.00	7,020		Apr. 17, 1958	14.5	4,680
	Jan. 23, 1954	12.44	3,730		Sept.22, 1958	13.1	4,050
1955	Feb. 8, 1955	14.50	4,680	1959	June 1, 1959	18.7	6,840
	Apr. 14, 1955	14.67	4,770	1960	Feb. 1, 1960	15.07	4,950
1956	Feb. 6, 1956	14.0	4,450	1961	Feb. 22, 1961	26.39	19,300
	Mar. 17, 1956	18.7	6,840		Mar. 9, 1961	12.16	3,630
	Apr. 7, 1956	12.1	3,600		Apr. 13, 1961	14.09	4,500
	Apr. 16, 1956	13.8	4,360		Apr. 28, 1961	12.71	3,870

4125. Tallapoosa River near Ofelia, Ala.

Location.--Lat 33°20', long 85°35', in SW¼ sec.34, T.19 S., R.10 E., on left bank near downstream side of highway bridge, 1 mile northeast of Ofelia, 1½ miles upstream from Little Tallapoosa River, and 9 miles east of Lineville.

Drainage area.--787 sq mi.

Gage.--Nonrecording prior to Aug. 10, 1939; recording Aug. 10, 1939, to Dec. 31, 1951; crest-stage gage thereafter. Altitude of gage is 665 ft (from topographic map).

Stage-discharge relation.--Defined by current-meter measurements below 20,000 cfs.

Bankfull stage.--8 ft.

Remarks.--Base for partial-duration series, 7,000 cfs. Only annual peaks are shown prior to 1940 and since 1951.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1919	December 1919	21	-	1944	Apr. 27, 1944	8.23	8,210
1939	Mar. 2, 1939	8.80	8,690	1945	Apr. 25, 1945	8.40	8,530
1940	Feb. 18, 1940	7.50	7,000	1946	Jan. 6, 1946	14.92	21,200
	Mar. 14, 1940	8.71	8,460		Feb. 11, 1946	9.84	10,900
	July 10, 1940	8.31	7,980		Mar. 8, 1946	10.73	12,500
1941	July 12, 1941	4.94	3,990		Mar. 28, 1946	14.69	20,700
1942	Mar. 21, 1942	14.62	20,500	1947	Jan. 20, 1947	15.34	22,100
	Aug. 20, 1942	8.88	9,320		Mar. 6, 1947	10.37	11,700
1943	Dec. 29, 1942	9.10	9,660	1948	Feb. 10, 1948	9.90	10,900
	Mar. 21, 1943	12.92	16,900		Mar. 23, 1948	11.9	14,500
	Apr. 19, 1943	9.69	10,700		Apr. 7, 1948	8.43	8,430
1944	Mar. 29, 1944	9.39	10,200	1949	Nov. 23, 1948	8.02	7,790
	Apr. 11, 1944	11.87	14,900		Nov. 29, 1948	16.2	24,500

Peak stages and discharges of Tallapoosa River near Ofelia, Ala.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1949	Jan. 5, 1949	12.00	14,600	1954	Jan. 18, 1954	7.8	7,470
	Feb. 19, 1949	7.50	7,040	1955	Apr. 15, 1955	8.5	8,590
1950	Feb. 10, 1950	6.40	5,530	1956	Mar. 18, 1956	15.2	21,900
				1957	Apr. 5, 1957	15.0	21,400
1951	Mar. 29, 1951	13.0	16,600	1958	Apr. 16, 1958	9.1	9,550
1952	Dec. 21, 1951	14.3	19,600	1960	Jan. 31, 1960	7.5	7,020
1953	Jan. 9, 1953	11.5	13,700	1961	Feb. 23, 1961	15.42	22,400

4130. Little Tallapoosa River at Carrollton, Ga.

Location.--Lat 33°36', long 85°05', on left bank at city water-pumping plant, 200 ft downstream from bridge on U.S. Highway 27 at Carrollton, Carroll County, 1 mile upstream from Central of Georgia Railway bridge, and 3½ miles upstream from Buck Creek.

Drainage area.--89 sq mi, approximately.

Gage.--Nonrecording. Datum of gage is 971.25 ft above mean sea level, datum of 1929, supplementary adjustment of 1936.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1936	Feb. 1, 1936	a18.2	5,450	1950	Sept. 8, 1950	10.7	1,670
1938	Apr. 8, 1938	16.7	5,370	1951	Mar. 30, 1951	9.3	980
1939	Aug. 18, 1939	10.6	1,680	1952	Dec. 21, 1951	15.3	3,980
1940	July 9, 1940	13.1	3,030	1953	Jan. 9, 1953	13.0	2,830
				1954	Jan. 17, 1954	10.6	1,620
1941	July 12, 1941	9.28	1,060	1955	Feb. 8, 1955	10.5	1,510
1942	Mar. 22, 1942	13.1	2,670				
1943	Mar. 21, 1943	14.1	3,220	1956	Mar. 16, 1956	14.6	3,630
1944	Apr. 12, 1944	12.8	2,520	1957	Apr. 5, 1957	14.0	3,330
1945	July 14, 1945	14.7	3,380	1958	Feb. 7, 1958	11.3	1,980
				1959	June 1, 1959	13.6	3,130
1946	Jan. 7, 1946	14.4	3,220	1960	Jan. 31, 1960	12.0	2,330
1947	Jan. 20, 1947	15.9	4,080				
1948	Feb. 9, 1948	11.2	1,930	1961	Feb. 25, 1961	14.5	3,580
1949	Nov. 29, 1948	19.3	6,010				

a From floodmark.

4132. Little Tallapoosa River near Bowden, Ga.

Location.--Lat 33°31', long 85°14', at State Highway 5, 2¼ miles southeast of Bowden, Carroll County.

Drainage area.--210 sq mi.

Gage.--Crest-stage gage. Prior to Dec. 10, 1954, at site 200 ft downstream.

Stage-discharge relation.--Defined by current-meter measurements below 4,700 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges of Little Tallapoosa River near Bowden, Ga.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1949	Nov. 29, 1948	22.5	9,500	1956	Mar. 16, 1956	18.5	5,800
1950	Sept. 7, 1950	8.88	1,440	1957	Apr. 5, 1957	16.8	4,580
				1958	July 20, 1958	13.0	2,800
1951	June 5, 1951	10.3	1,870	1959	May 31, 1959	15.8	4,000
1952	Dec. 22, 1951	16.7	4,520	1960	Jan. 31, 1960	13.9	3,160
1953	Jan. 10, 1953	14.2	3,280				
1954	Jan. 16, 1954	8.08	1,200	1961	Feb. 26, 1961	17.8	5,260
1955	March 1955	9.72	1,680				

4134.75. Wedowee Creek near Wedowee, Ala.

Location.--In E½ sec.34, T.19 S., R.11 E., at bridge on U.S. Highway 431, 1½ miles north of Wedowee.

Drainage area.--51.1 sq mi.

Gage.--Crest-stage indicator. Datum of gage is 772.09 ft above mean sea level, datum of 1929, supplementary adjustment of 1943.

Stage-discharge relation.--Not defined.

Remarks.--Only annual peak stages are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Mar. 29, 1951	8.08	-	1957	Apr. 4, 1957	12.6	-
1952	Mar. 3, 1952	12.2	-	1958	Feb. 6, 1958	11.0	-
1953	Apr. 30, 1953	11.6	-	1959	Mar. 10, 1959	5.8	-
1954	Mar. 28, 1954	5.63	-	1960	July 28, 1960	9.4	-
1955	Feb. 7, 1955	8.8	-				
				1961	Feb. 25, 1961	13.01	-
1956	Mar. 16, 1956	12.7	-				

4135. Little Tallapoosa River near Wedowee, Ala.

Location.--Lat 33°21', long 85°33', in NE¼ sec.25, T.19 S., R.10 E., on right bank at downstream side of right pier of highway bridge, 4½ miles northwest of Wedowee and 5½ miles upstream from mouth.

Drainage area.--592 sq mi.

Gage.--Nonrecording Oct. 19, 1939, to Jan. 31, 1940; recording Feb. 1, 1940, to Dec. 31, 1951; crest-stage gage thereafter. Altitude of gage is 680 ft (from topographic map).

Stage-discharge relation.--Defined by current-meter measurements below 19,000 cfs.

Historical data.--Highest stage known to local residents, about 23 ft, probably in December 1919.

Remarks.--Base for partial-duration series, 9,000 cfs. Only annual peaks are shown since 1951.

Peak stages and discharges of Little Tallapoosa River near Wedowee, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1940	July 9, 1940	14.92	9,040	1948	Mar. 23, 1948	18.9	16,400
					July 12, 1948	14.80	9,370
1941	July 12, 1941	10.10	4,110				
				1949	Nov. 22, 1948	15.32	10,100
1942	Mar. 21, 1942	20.40	19,800		Nov. 28, 1948	20.8	20,800
					Jan. 5, 1949	14.84	9,370
1943	Dec. 28, 1942	16.70	12,600				
	Jan. 18, 1943	16.58	12,500	1950	Mar. 13, 1950	10.7	4,810
	Mar. 21, 1943	17.47	14,000				
				1951	Mar. 29, 1951	12.8	6,920
1944	Mar. 29, 1944	14.67	9,580	1952	Dec. 21, 1951	18.7	16,000
	Apr. 11, 1944	16.65	12,500	1953	Apr. 30, 1953	15.1	9,790
	Apr. 27, 1944	14.94	9,860	1954	Jan. 18, 1954	8.9	3,300
				1955	Apr. 15, 1955	13.3	7,480
1945	Apr. 25, 1945	16.33	12,000				
				1956	Mar. 18, 1956	20.7	20,600
1946	Jan. 6, 1946	18.67	16,300	1957	Apr. 5, 1957	20.3	19,600
	Mar. 8, 1946	16.80	12,800	1958	Nov. 23, 1957	18.9	12,500
	Mar. 28, 1946	16.68	12,600	1959	June 2, 1959	12.4	6,480
				1960	Jan. 31, 1960	13.0	7,140
1947	Jan. 20, 1947	18.37	15,400				
	Mar. 6, 1947	15.50	10,400	1961	Feb. 25, 1961	22.58	25,500

4140. Tallapoosa River near Cragford, Ala.

Location.--Lat 33°15', long 85°37', in sec.28, T.20 S., R.10 E., 400 ft upstream from Crooked Creek and 2½ miles east of Cragford.

Drainage area.--1,460 sq mi, approximately.

Gage.--Nonrecording 3,000 ft upstream at different datum prior to Oct. 23, 1923; recording at last used site and datum thereafter. Datum of gage is 637.75 ft above mean sea level (levels by Alabama Power Co.). All gage heights adjusted to last used datum.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown. Records collected by Alabama Power Co., under general supervision of Geological Survey, in connection with a Federal Power Commission project.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1923	Feb. 14, 1923	11.7	22,800	1927	Feb. 13, 1927	14.7	31,600
1924	Jan. 16, 1924, Apr. 18, 1924	7.4	12,000	1928	Apr. 23, 1928	10.2	18,700
				1929	Mar. 15, 1929	18.60	43,300
1925	Jan. 18, 1925	19.6	46,300				
1926	Jan. 18, 1926	9.25	16,600				

4145. Tallapoosa River at Wadley, Ala.

Location.--Lat 33°07', long 85°34', in SW¼ sec.12, T.22 S., R.10 E., near center of channel on downstream side of bridge on State Highway 22, 1 mile downstream from Beaver Dam Creek.

Drainage area.--1,660 sq mi, approximately.

Gage.--Nonrecording. Prior to June 17, 1959, at site a quarter of a mile upstream at datum 1.46 ft higher. Datum of gage is 599.87 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Records furnished by Alabama Power Co. Base for partial-duration series, 20,000 cfs. Only annual peaks are shown before 1948.

Peak stages and discharges of Tallapoosa River at Wadley, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1924	Apr. 18, 1924	a10.4	a14,400	1949	Nov. 29, 1948	25.5	44,700
1925	Jan. 18, 1925	a26.3	a46,900		Jan. 6, 1949	18.2	27,600
1926	Aug. 1, 1926	a13.6	a20,300	1950	Feb. 10, 1950	11.00	12,300
1927	Feb. 14, 1927	a20.0	a33,700				
1928	Apr. 23, 1928	a14.6	a22,400	1951	Mar. 30, 1951	18.0	26,700
1929	May 15, 1929	a25.60	a45,400				
1930	Nov. 12, 1929	a18.90	a31,400	1952	Dec. 21, 1951	22.20	36,800
					Mar. 4, 1952	17.9	27,300
1931	Nov. 16, 1930	a13.90	a20,900		Mar. 11, 1952	15.8	22,700
1932	Dec. 22, 1931	a17.60	a28,700		Mar. 23, 1952	14.8	20,500
1933	Mar. 20, 1933	a19.8	a33,300				
1934	Mar. 4, 1934	a17.5	a27,400	1953	Jan. 9, 1953	18.1	27,700
1935	Oct. 7, 1934	a17.4	a27,200				
				1954	Jan. 18, 1954	9.30	9,260
1936	Feb. 5, 1936	a27.9	a52,800				
1937	Apr. 9, 1937	a16.9	a24,000	1955	Apr. 14, 1955	15.40	21,100
1938	Apr. 9, 1938	a24.50	a40,400				
1939	Feb. 28, 1939	a17.04	a23,800	1956	Mar. 16, 1956	25.50	47,400
1940	Mar. 14, 1940	15.76	21,100		Apr. 16, 1956	16.0	22,800
1941	Mar. 22, 1941	9.54	9,890	1957	Apr. 5, 1957	25.05	45,800
1942	Mar. 21, 1942	25.60	43,200				
1943	Mar. 21, 1943	21.45	34,100	1958	Feb. 6, 1958	17.0	24,800
1944	Apr. 12, 1944	17.9	26,400		Apr. 16, 1958	15.0	20,300
1945	Apr. 25, 1945	19.0	28,800				
				1959	May 31, 1959	12.20	14,300
1946	Jan. 7, 1946	24.30	40,300				
1947	Jan. 20, 1947	23.90	39,900	1960	Jan. 31, 1960	12.95	16,500
1948	Feb. 9, 1948	-	20,100	1961	Feb. 25, 1961	25.35	45,500
	Mar. 23, 1948	21.22	33,000				

a Maximum observed.

4148. Harbuck Creek near Hackneyville, Ala.

Location.--Lat 33°07', long 85°57', in SE¼ sec.7, T.22 S., R.7 E., on left bank at upstream abutment of bridge on county road, half a mile upstream from mouth, 1 mile north of Clay County line, and 4 miles north of Hackneyville.

Drainage area.--6.7 sq mi, approximately.

Gage.--Crest-stage gage prior to July 23, 1958, recording thereafter. Altitude of gage is 710 ft (from topographic map).

Stage-discharge relation.--Defined by current-meter measurements below 900 cfs and extended above by a slope-area measurement at 2,170 cfs. Relation poorly defined prior to 1959.

Remarks.--Base for partial-duration series, 600 cfs. Only annual peaks are shown prior to 1959.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Mar. 29, 1951	7.8	(a)	1959	Oct. 1, 1958	4.6	729
1952	Dec. 20, 1951	4.9	801		Jan. 21, 1959	4.25	639
1953	Apr. 12, 1953	5.7	(a)				
1954	Feb. 24, 1954	3.3	445	1960	Mar. 29, 1960	3.15	415
1955	May 22, 1955	8.9	(a)				
				1961	Feb. 25, 1961	3.80	745
1956	Mar. 16, 1956	6.1	(a)		Mar. 31, 1961	5.41	1,550
1957	Apr. 5, 1957	7.6	(a)		Apr. 12, 1961	3.42	602
1958	Mar. 11, 1958	8.1	(a)		Aug. 6, 1961	4.48	1,040

a Stage-discharge relation poorly defined.

4150. Hillabee Creek near Hackneyville, Ala.

Location.--Lat 33°04', long 85°53', in SW¼ sec. 17, T.24 N., R.22 E., near center of channel on downstream side of pier of county road bridge, 1 mile downstream from Enitachopco Creek, 3 miles east of Hackneyville, and 4 miles upstream from Hackney Creek.

Drainage area.--196 sq mi.

Gage.--Recording. Datum of gage is 557.92 ft above mean sea level, datum of 1929.

Stage-discahrge relation.--Defined by current-meter measurements below 12,000 cfs and extended above by logarithmic plotting.

Remarks.--Base for partial-duration series, 4,500 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1953	Jan. 8, 1953	16.9	5,850	1956	Apr. 16, 1956	19.8	8,000
	Apr. 9, 1953	15.8	4,650				
	Apr. 12, 1953	16.4	5,210	1957	Apr. 5, 1957	25.7	15,600
	Apr. 30, 1953	16.5	5,330		June 4, 1957	15.8	4,560
1954	Apr. 29, 1954	13.9	3,300	1958	Feb. 6, 1958	18.0	6,300
1955	Feb. 6, 1955	16.28	4,940	1959	Mar. 12, 1959	14.1	3,420
	Apr. 14, 1955	19.10	7,300				
	May 22, 1955	16.38	5,020	1960	Mar. 30, 1960	15.81	4,560
1956	Feb. 6, 1956	17.1	5,580	1961	Feb. 20, 1961	18.18	6,460
	Mar. 16, 1956	23.6	12,600		Feb. 25, 1961	20.97	9,270
	Apr. 5, 1956	17.0	5,500		Mar. 31, 1961	20.38	8,620

4160. Tallapoosa River at Sturdivant, Ala.

Location.--Lat 32°55', long 85°52', in NE¼ sec.8, T.22 N., R.22 E., 2,000 ft upstream from Central of Georgia Railway bridge, 5 miles upstream from Hillabee Creek, and 5 miles southeast of Alexander City.

Gage.--Nonrecording. At site 2,000 ft downstream prior to Aug. 20, 1906, and at datum 0.07 ft higher prior to Sept. 22, 1924. Altitude of gage is 440 ft (from river-profile survey).

Stage-discharge relation.--Defined by current-meter measurements below 27,000 cfs and extended above by logarithmic plotting.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1901	Jan. 12, 1901	-	a40,300	1915	July 6, 1915	b14.3	41,300
1902	Dec. 30, 1901	-	a56,100				
1903	Feb. 8, 1903	-	a67,200	1916	Dec. 29, 1915	22.5	80,000
1904	Aug. 8, 1904	14.0	39,800	1917	Aug. 7, 1917	22.3	78,800
1905	Jan. 13, 1905	-	a48,700	1918	Jan. 12, 1918	16.4	45,000
				1919	Mar. 9, 1919	20.3	66,800
1906	Mar. 20, 1906	21.8	82,800	1920	Dec. 11, 1919	33.3	160,000
1907	Feb. 2, 1907	-	a28,800				
1908	Feb. 15, 1908	-	a37,400	1921	Apr. 17, 1921	18.3	55,200
1909	Mar. 13, 1909	-	a66,000	1922	Mar. 11, 1922	16.9	47,500
1910	July 1, 1910	17.5	57,800	1923	Feb. 14, 1923	17.4	50,200
				1924	Jan. 16, 1924	10.7	21,100
1911	Jan. 3, 1911	12.9	34,600	1925	Jan. 18, 1925	23.3	85,100
1912	Mar. 15, 1912	21.5	81,000				
1913	Jan. 27, 1913	16.5	52,400	1926	Jan. 18, 1926	12.3	27,600
1914	Apr. 15, 1914	9.0	18,000				

a Maximum daily mean discharge.
b Maximum observed.

4180. Tallapoosa River at Cherokee Bluffs, near Tallassee, Ala.

Location.--Lat 32°41', long 85°55', in E½ sec.36, T.20 N., R.21 E., a quarter of a mile downstream from Wind Creek, three-quarters of a mile downstream from Martin Dam, and 9 miles north of Tallassee.

Drainage area.--3,000 sq mi, approximately.

Gage.--Nonrecording near same site at datum 1.78 ft higher prior to Oct. 1, 1923; recording at last used datum thereafter. Datum of gage is 337.95 ft above mean sea level (levels by Alabama Power Co.).

Stage-discharge relation.--Defined by current-meter measurements below 45,000 cfs and extended above by logarithmic plotting.

Remarks.--Records collected by Alabama Power Co., under general supervision of Geological Survey, in connection with a Federal Power Commission project. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1913	Jan. 28, 1913, Mar. 14, 1913	-	a33,200	1924	Jan. 16, 1924	5.2	21,900
				1925	Jan. 19, 1925	10.8	87,500
1914	Apr. 15, 1914	-	a17,800	1926	Jan. 5, 1926	6.50	33,800
				1927	Aug. 23,24, 1927	3.30	9,320
1923	Feb. 14, 1923	6.8	54,500				

a Maximum daily mean discharge.

4185. Tallapoosa River below Tallassee, Ala.

Location.--Lat 32°31', long 85°53', in E½ sec.30, T.18 N., R.22 E., on left bank 1½ miles downstream from Benjamin Fitzpatrick Highway Bridge and Thurlow Dam at Tallassee and 3½ miles upstream from Uphapee Creek.

Drainage area.--3,320 sq mi, approximately.

Gage.--Recording. Datum of gage is 162.03 ft above mean sea level (levels by Alabama Power Co.).

Stage-discharge relation.--Defined by current-meter measurements below 11,000 cfs. Affected by backwater from channel storage, tributary inflow, and Coosa River. Discharge computed from powerplant records during periods of backwater.

Remarks.--Records furnished by Alabama Power Co. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	Mar. 15, 1929	51.35	115,000	1947	Apr. 17, 1947	22.50	24,000
1930	Nov. 16, 1929	29.5	39,000	1948	Mar. 24, 1948	30.1	41,600
				1949	Nov. 28, 1948	49.5	94,700
1931	-	8.7	a8,960	1950	July 30, 1950	9.3	10,800
1932	Apr. 1, 1932	20.6	25,700				
1933	Dec. 28, 1932	37.6	51,000	1951	Nov.27,28,1950	8.6	10,300
1934	Oct. 25, 1933	9.1	10,200	1952	Mar. 5, 1952	27.3	32,900
1935	Mar. 13, 1935	22.7	24,100	1953	May 6, 1953	33.6	44,900
				1954	Dec. 5, 1953	15.2	-
1936	Feb. 5, 1936	44.1	86,900		Dec. 28, 1953	9.6	11,300
1937	Apr. 30, 1937	31.0	45,300	1955	May 23, 1955	10.7	-
1938	Apr. 9, 1938	34.9	42,600		May 25, 1955	9.6	9,570
	Apr. 10, 1938	37.5	-				
1939	Mar. 1, 1939	18.20	-	1956	Apr. 17, 1956	17.9	22,200
	Aug. 17, 1939	16.30	14,900	1957	Apr. 6, 1957	46.0	72,600
1940	July 12, 1940	20.40	22,700	1958	Mar.7,26, 1958,	-	10,700
					Apr. 2, 1958		
1941	Jan. 16, 1941	9.3	10,300		Mar. 9, 1958	25.8	-
1942	Mar. 22, 1942	17.1	11,500	1959	June 3, 1959	10.58	-
	Mar. 22, 1942	19.0	-		June 4, 1959	10.35	10,800
1943	Mar. 23, 1943	35.2	41,900	1960	Apr. 4, 1960	29.8	34,600
1944	Apr. 27, 1944	44.5	78,700				
1945	May 14, 1945	26.7	33,700	1961	Feb. 25, 1961	50.4	128,000
1946	Mar. 29, 1946	37.4	52,700				

a Occurred on sixteen scattered days.

4190. Uphapee Creek near Tuskegee, Ala.

Location.--Lat 32°28', long 85°42', on east line of sec.12, T.17 N., R.23 E., on left bank at downstream side of bridge on State Highway 81, 1 mile upstream from Red Creek, 1¼ miles upstream from bridge on Western Railway of Alabama, and 4 miles north of Tuskegee.

Drainage area.--330 sq mi.

Gage.--Recording. Datum of gage is 223.65 ft above mean sea level, datum of 1929, supplementary adjustment of 1943.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--13 ft.

Historical data.--Flood in March 1929 reached a stage about 2 ft higher than that of Mar. 21, 1943.

Remarks.--Base for partial-duration series, 5,000 cfs.

Peak stages and discharges of Uphapee Creek near Tuskegee, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1940	July 4, 1940	15.30	6,310	1949	July 16, 1949	14.49	5,910
	July 5, 1940	14.34	5,590	1950	Mar. 7, 1950	9.58	2,720
1941	Aug. 14, 1941	15.80	6,620	1951	Mar. 20, 1951	6.47	1,050
1942	Dec. 24, 1941	15.39	5,700	1952	Mar. 25, 1952	18.0	9,000
	Mar. 22, 1942	20.67	12,800	1953	Feb. 26, 1953	12.7	5,150
1943	Jan. 19, 1943	17.19	7,720		Apr. 12, 1953	13.1	5,480
	Mar. 7, 1943	15.56	6,140		May 1, 1953	14.5	6,690
	Mar. 21, 1943	27.33	29,600		May 5, 1953	16.3	8,390
1944	Mar. 21, 1944	15.37	5,960	1954	Dec. 5, 1953	20.4	12,400
	Mar. 24, 1944	22.50	17,000	1955	Apr. 15, 1955	12.17	4,740
	Mar. 30, 1944	21.42	14,600	1956	Mar. 17, 1956	13.64	5,890
	Apr. 19, 1944	17.79	8,560	1957	Dec. 25, 1956	16.5	8,580
	Apr. 27, 1944	26.20	26,500		Apr. 6, 1957	19.1	11,100
1945	Feb. 21, 1945	16.96	7,500		May 4, 1957	14.1	6,320
	Apr. 25, 1945	16.10	6,630	1958	Nov. 20, 1957	14.8	6,970
1946	Jan. 7, 1946	21.89	15,700		Mar. 8, 1958	23.7	20,400
	Mar. 28, 29, 1946	16.54	7,000	1959	Mar. 7, 1959	9.7	2,930
	May 20, 1946	15.78	6,360	1960	Apr. 4, 1960	15.06	7,250
1947	Apr. 3, 1947	15.60	6,190	1961	Feb. 20, 1961	15.60	7,720
1948	Mar. 8, 1948	14.33	5,190		Feb. 25, 1961	25.82	25,500
	July 11, 1948	16.5	7,000		Apr. 1, 1961	18.14	10,200
1949	Nov. 24, 1948	14.58	5,400				
	Nov. 27, 1948	27.3	28,300				
	Apr. 29, 1949	20.41	13,200				

4195. Tallapoosa River at Milstead, Ala.

Location.--Lat 32°27', long 85°54', in NW¼ sec.19, T.17 N., R.22 E., at Birmingham & Southeastern Railroad bridge at Milstead, 4 miles downstream from Uphapee Creek.

Drainage area.--3,750 sq mi, approximately.

Gage.--Nonrecording. Datum of gage is 153.84 ft above mean sea level, datum of 1929 (levels by U.S. Weather Bureau).

Stage-discharge relation.--Defined by current-meter measurements below 16,000 cfs and extended above by logarithmic plotting.

Bankfull stage.--48 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1898	Aug. 12, 1898	-	a25,600	1901	Mar. 31, 1901	32.2	36,000
1899	Feb. 28, 1899	-	a45,000	1902	Dec. 30, 1901	47.0	52,000
1900	Feb. 13, 1900	-	a48,300				

a Maximum daily mean discharge.

4196.25. Calebe Creek near Tuskegee, Ala.

Location.--In SW¼ sec.11, T.16 N., R.22 E., at old highway bridge 300 ft upstream from bridge on U.S. Highway 80, 9 miles west of Tuskegee.

Drainage area.--126 sq mi.

Gage.--Crest-stage gage. Datum of gage is 222.05 ft above mean sea level.

Stage-discharge relation.--Defined by current-meter measurements below 7,000 cfs and extended above by logarithmic plotting.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	Mar. 25, 1952	15.5	7,200	1957	Apr. 6, 1957	14.9	5,200
1953	May 5, 1953	15.6	7,800	1958	Mar. 7, 1958	17.4	(a)
1954	Dec. 5, 1953	16.4	13,100	1959	Feb. 6, 1959	11.3	960
1955	Apr. 14, 1955	13.5	2,100	1960	Apr. 3, 1960	13.9	2,600
1956	Mar. 17, 1956	13.5	2,100	1961	Feb. 25, 1961	16.54	14,200

a Maximum discharge not determined.

4200. Alabama River near Montgomery, Ala.

Location.--Lat 32°24'42", long 86°24'32", in NW¼ sec.31, T.17 N., R.17 E., in pier, near midstream of bridge on U.S. Highway 31, 4 miles upstream from Autauga Creek and 6 miles northwest of Montgomery.

Drainage area.--15,100 sq mi, approximately.

Gage.--Recording. Datum of gage is 97.90 ft above mean sea level, datum of 1929 (Corps of Engineers bench mark). Since Mar. 27, 1951, U.S. Weather Bureau staff gage 9.3 miles upstream used as an auxiliary gage.

Stage-discharge relation.--Defined by current-meter measurements. Affected by variable slopes at times.

Bankfull stage.--52 ft.

Historical data.--Maximum stage known, that of Apr. 1, 1886, from floodmarks. Elevations of both floodmarks referred to auxiliary gage and transferred to base gage by gage-height relation curve.

Remarks.--Only annual peaks are shown. Records furnished by Alabama Power Co.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1886	Apr. 1, 1886	62.7	322,000	1946	Jan. 9, 1946	47.2	130,000
				1947	Jan. 23, 1947	49.1	139,000
1888	Mar. 3, 1888	60.6	283,000	1948	Feb.12-15,1948	-	101,000
					Feb. 15, 1948	37.5	-
1928	Apr. 25, 1928	47.1	134,000	1949	Dec. 1, 1948	58.2	234,000
1929	Mar. 17, 1929	59.6	256,000	1950	Mar. 17, 1950	29.2	80,600
1930	Nov. 19, 1929	50.1	132,000				
				1951	Apr. 1, 1951	45.6	137,000
1931	Nov. 19, 1930	26.2	72,500		Apr. 1, 1951	46.2	-
1932	Feb. 24, 1932	34.0	93,300	1952	Mar. 27, 1952	36.8	103,000
1933	Dec. 31, 1932	52.0	150,000	1953	May 8, 1953	-	113,000
1934	Mar. 6, 1934	39.4	111,000		May 9, 1953	38.9	-
1935	Mar. 9, 1935	32.7	91,100	1954	Jan. 25, 1954	28.5	79,000
				1955	Apr. 15, 1955	38.8	109,000
1936	Feb.7,8, 1936	55.3	196,000				
1937	May 5,7, 1937	40.4	107,000	1956	Mar. 17, 1956	40.6	122,000
1938	Apr. 10, 1938	56.8	214,000		Mar. 18, 1956	41.2	-
1939	Aug. 18, 1939	46.1	123,000	1957	Apr. 7, 1957	-	139,000
1940	Mar. 16, 1940	31.00	81,600		Apr. 8, 1957	49.6	-
				1958	Mar. 10, 1958	34.9	85,000
1941	Mar. 9, 1941	14.4	37,100	1959	Feb. 17, 1959	21.5	57,200
1942	Mar. 23, 1942	42.9	114,000	1960	Apr. 6, 1960	33.6	84,500
1943	Mar. 23, 1943	53.5	164,000				
1944	Apr. 29, 1944	50.4	141,000	1961	Feb. 26, 1961	60.5	283,000
1945	Feb. 22, 1945	34.3	92,000		Feb. 27, 1961	60.6	-

4205. Autauga Creek at Prattville, Ala.

Location.--Lat 32°27'30", long 86°28'30", in N½ sec.17, T.17 N., R.16 E., on left bank 25 ft upstream from Bridge Street Bridge in Prattville, 500 ft downstream from dam, and 5 miles upstream from mouth.

Drainage area.--109 sq mi.

Gage.--Recording or nonrecording prior to Sept.27, 1944, at several sites within 3 miles downstream at various datums; recording Sept. 28, 1944, to Sept. 30, 1959; thereafter crest-stage indicator at present site and datum. Datum of gage is 164.38 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 15,000 cfs prior to 1945 and defined by current-meter measurements below 2,400 cfs since 1945.

Remarks.--Annual peaks only are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1920	Dec. 9, 1919	18.8	23,000	1950	July 31, 1950	3.22	1,410
1939	Aug.16,17,1939	16.50	21,800	1951	Mar. 30, 1951	4.05	2,160
1940	Mar. 14, 1940	8.83	2,860	1952	Mar. 4, 1952	3.15	1,370
				1953	Apr. 30, 1953	3.40	1,570
1941	June 1, 1941, July 16, 1941	a5.03	963	1954	Apr. 16, 1954	2.06	581
				1955	Apr. 14, 1955	4.45	2,450
1942	Mar. 22, 1942	6.95	1,860				
1943	Mar. 21, 1943	7.03	1,860	1956	Mar. 16, 1956	3.75	1,800
1944	Apr. 27, 1944	-	3,940	1957	Apr. 5, 1957	5.42	3,170
1945	Apr. 26, 1945	3.85	1,920	1958	Mar. 7, 1958	3.21	1,350
				1959	Feb. 9, 1959	2.05	525
1946	Jan. 7, 1946	4.79	2,890	1960	Mar. 30, 1960	3.16	1,300
1947	Jan. 20, 1947	4.00	2,060				
1948	May 29, 1948	2.65	968	1961	Feb. 25, 1961	6.03	3,800
1949	Nov. 28, 1948	5.1	3,200	1962	Dec. 12, 1961	5.61	3,360

a Occurred July 16.

4210. Catoma Creek near Montgomery, Ala.

Location.--Lat 32°18'25", long 86°18'00", in center sec.6, T.15 N., R.18 E., on right bank on downstream side of bridge on U.S. Highway 331, 5 miles south of Montgomery.

Drainage area.--298 sq mi.

Gage.--Recording. Datum of gage is 151.02 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--19 ft.

Remarks.--Base for partial-duration series, 5,000 cfs.

Peak stages and discharges of Catoma Creek near Montgomery, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1949	Nov. 28, 1948	27.5	-	1958	Feb. 7, 1958	21.0	7,600
					Mar. 8, 1958	25.7	25,600
1953	Feb. 27, 1953	20.5	6,420				
	May 7, 1953	19.8	5,660	1959	Mar. 7, 1959	17.0	3,660
1954	Dec. 5, 1953	23.03	10,700	1960	Jan. 19, 1960	19.28	5,170
					Mar. 31, 1960	22.65	11,500
1955	Apr. 15, 1955	19.73	5,560		Apr. 4, 1960	23.33	13,500
1956	Mar. 17, 1956	20.12	5,980	1961	Feb. 20, 1961	24.45	17,600
	Sept.26, 1956	20.68	6,200		Feb. 25, 1961	28.65	48,600
					Apr. 1, 1961	24.33	17,000
1957	Dec. 24, 1956	23.4	13,800		Sept. 1, 1961	22.58	11,100
	Apr. 6, 1957	23.8	15,000				
	May 5, 1957	19.6	5,460				

4215. Big Swamp Creek near Hayneville, Ala.

Location.--Lat 32°11', long 86°36', in sec.19, T.14 N., R.15 E., at bridge on State Highway 11, 1 mile downstream from Fort Deposit Creek and 1½ miles southwest of Hayneville.

Drainage area.--123 sq mi.

Gage.--Nonrecording prior to June 9, 1939; recording thereafter. Datum of gage is 164.25 ft above mean sea level, datum of 1929 (Corps of Engineers bench mark). Since June 1, 1940, auxiliary nonrecording at overflow channel 1 mile to the left of base gage at same datum.

Stage-discharge relation.--Two channels with each rated separately. Main channel defined by current-meter measurements below 1,700 cfs. Overflow defined by current-meter measurements below 8,500 cfs.

Bankfull stage.--8 ft.

Remarks.--Only annual peaks shown. The discharge is the sum of the main channel discharge and that of the overflow.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Aug. 17, 1939	11.28	10,800	1943	Mar. 21, 1943	11.82	-
1940	June 29, 1940	11.2	-	1944	Mar. 23, 1944	12.08	19,100
	June29,30, 1940	-	10,600	1945	Apr. 25, 1945	10.48	4,120
1941	Mar. 8, 1941	-	5,270	1946	Jan. 6, 1946,	12.1	17,200
	Mar. 8, 1941	10.09	-		June 1, 1946		
1942	Dec. 23, 1941	-	13,000				
	Dec. 23, 1941	11.93	-	1949	Nov. 27, 1948	14.7	39,000
1943	Mar. 21, 1943	-	14,300				

4220. Big Swamp Creek near Lowndesboro, Ala.

Location.--Lat 32°16', long 86°42', in NE¼ sec.19, T.15 N., R.14 E., at upstream side of right bank pier of bridge on U.S. Highway 80, 1 mile downstream from Panther Creek, 5 miles west of Lowndesboro, and 12 miles upstream from mouth.

Drainage area.--247 sq mi.

Gage.--Nonrecording prior to June 22, 1949; recording thereafter. Datum of gage is 127.95 ft above mean sea level, datum of 1929 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 18,000 cfs and extended above by logarithmic plotting. Rate of change in stage used as a factor at times.

Bankfull stage.--12 ft.

Remarks.--Base for partial-duration series, 6,000 cfs. Only annual peaks are shown prior to 1948.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	Apr. 1, 1938	20.0	27,400	1953	May 4, 1953	17.18	8,770
1941	Mar. 8, 1941	16.6	6,700	1954	Dec. 6, 1953	16.11	4,200
1942	Dec. 24, 1941	18.2	15,500				
1943	Mar. 21, 1943	19.5	24,100	1955	Apr. 14, 1955	17.94	11,500
1944	Mar. 23, 1944	19.00	20,800				
1945	Apr. 25, 1945	18.2	15,500	1956	Mar. 16, 1956	16.93	7,210
1946	June 2, 1946	18.28	16,200		Sept.26, 1956	16.87	6,820
1947	Apr. 3, 1947	16.4	5,950				
				1957	Dec. 25, 1956	-	(a)
1948	Mar. 7, 1948	17.0	7,890		Apr. 5, 1957	18.3	16,000
1949	Nov. 21, 1948	16.72	6,600	1958	Mar. 7, 1958	19.11	19,500
	Nov. 27, 1948	21.3	37,000				
	Feb. 11, 1949	16.77	7,030	1959	Apr. 12, 1959	16.3	5,260
	May 2, 1949	16.85	7,030				
				1960	Jan. 18, 1960	16.68	6,800
1950	July 13, 1950	15.63	3,340		Mar. 31, 1960	16.64	6,600
					Apr. 3, 1960	16.51	6,010
1951	Apr. 22, 1951	14.98	2,130				
				1961	Feb. 20, 1961	18.61	16,700
1952	Mar. 25, 1952	15.84	3,460		Feb. 25, 1961	20.10	30,300
					Mar. 7, 1961	16.76	7,040
1953	Apr. 10, 1953	16.94	7,670		Mar. 31, 1961	18.52	16,000

a Stage and discharge unknown.

4225. Mulberry Creek at Jones, Ala.
(Published as "Mulberry River" prior to 1960)

Location.--Lat 32°35', long 86°54', in E½ sec.31, T.19 N., R.12 E., on right bank near downstream side of highway bridge, 0.4 mile west of Jones, 6 miles upstream from Buck Creek, and 11 miles upstream from mouth.

Drainage area.--208 sq mi.

Gage.--Nonrecording at site 50 ft upstream at present datum prior to June 2,1939; recording at present site thereafter. Datum of gage is 165.23 ft above mean sea level, datum of 1929, supplementary adjustment of 1943.

Stage-discharge relation.--Defined by current-meter measurements below 30,000 cfs and extended above by logarithmic plotting.

Bankfull stage.--25 ft.

Historical data.--Maximum stage known, that of April 1938, from information by local residents.

Remarks.--Base for partial-duration series, 4,000 cfs.

Peak stages and discharges of Mulberry Creek at Jones, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	April 1938	33.6	a48,000	1949	Feb. 16, 1949	8.35	4,060
					Feb. 19, 1949	8.56	4,270
1939	Aug. 16, 1939	30.38	32,800		May 2, 1949	9.72	5,040
1940	July 5, 1940	9.56	4,480	1950	July 15, 1950	8.0	3,850
1941	July 17, 1941	8.00	3,420	1951	Mar. 29, 1951	23.8	18,200
1942	Mar. 21, 1942	20.03	12,800	1952	Mar. 4, 1952	9.97	5,250
	Aug. 6, 1942	9.49	4,600	1953	Feb. 25, 1953	7.5	3,750
1943	Dec. 28, 1942	18.43	13,600				
	Mar. 21, 1943	10.09	5,540	1954	Apr. 16, 1954	6.56	3,030
	Apr. 19, 1943	-	4,010	1955	Apr. 11, 1955	10.70	5,790
1944	Mar. 23, 1944	9.80	5,280		Apr. 13, 1955	15.8	9,740
	Mar. 30, 1944	8.79	4,480				
	Apr. 27, 1944	11.80	7,070	1956	Mar. 16, 1956	14.18	8,460
1945	Feb. 21, 1945	11.66	6,720	1957	Apr. 2, 1957	-	(b)
	Mar. 27, 1945	9.00	4,610		Apr. 5, 1957	-	c7,800
	Apr. 25, 1945	14.20	8,800	1958	July 13, 1958	8.05	4,580
1946	Jan. 7, 1946	9.98	5,360	1959	Mar. 12, 1959	5.5	2,440
1947	Jan. 20, 1947	18.18	11,600				
	Apr. 15, 1947	9.48	4,840	1960	Mar. 30, 1960	6.60	3,380
1948	Mar. 23, 1948	12.4	7,020	1961	Feb. 20, 1961	9.54	5,070
					Feb. 25, 1961	9.99	5,340
1949	Nov. 27, 1948	10.8	5,820		Apr. 1, 1961	9.50	5,050
	Jan. 5, 1949	10.42	5,530				

a Annual peak only. b Stage and discharge unknown. c Maximum daily mean discharge.

4230. Alabama River at Selma, Ala.

Location.--Lat 32°24', long 87°01', in SE¼ sec.36, T.17 N., R.10 E., in first pier from right bank of Edmund Pettus Bridge on U.S. Highway 80, in Selma, 1 mile upstream from Valley Creek.

Drainage area.--17,100 sq mi, approximately.

Gage.--Nonrecording prior to June 22, 1928, and Apr. 12, 1938, to May 21, 1940; recording June 22, 1928, to Apr. 11, 1938, and since May 21, 1940. Datum of gage is 61.80 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements. Relation affected at times by backwater from Cahaba River or rate of change in stage.

Bankfull stage.--40 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1886	Apr. 8, 1886	57.0	248,000	1928	Apr. 27, 1928	-	141,000
				1929	Mar. 19, 1929	55.52	204,000
1900	Feb. 17, 1900	48.0	128,000	1930	Nov. 20, 1929	50.42	161,000
1901	Jan. 17, 1901	40.0	107,000	1931	Nov. 20, 1930	27.85	68,500
1902	Apr. 2, 1902	50.7	136,000	1932	Feb. 25, 1932	37.08	93,800
1903	Feb. 15, 1903	50.6	136,000	1933	Jan. 1, 1933	50.76	164,000
1904	Aug. 10, 1904	23.1	60,700	1934	Mar. 8, 1934	41.29	108,000
1905	Feb. 16, 1905	42.0	113,000	1935	Mar. 10, 1935	36.73	92,600
1906	Mar. 24, 1906	50.4	138,000	1936	Feb. 10, 1936	53.1	177,000
1907	Mar. 6, 1907	37.5	100,000	1937	May 6, 1937	42.32	117,000
1908	Feb. 20, 1908	43.0	116,000	1938	Apr. 12, 1938	55.4	192,000
1909	Mar. 18, 1909	52.9	146,000	1939	Aug. 19, 1939	53.81	151,000
1910	July 7, 1910	31.6	83,700	1940	Mar.16,17,1940	34.77	91,200
1911	Jan. 7, 1911	29.6	78,100	1941	Mar. 10, 1941	19.55	44,900
1912	Apr.24,25,1912	48.6	133,000	1942	Mar. 25, 1942	44.24	123,000
1913	Mar. 19, 1913	49.4	135,000	1943	Mar. 25, 1943	52.4	165,000

Peak stages and discharges of Alabama River at Selma, Ala.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1944	Apr. 29, 1944	49.8	153,000	1952	Mar. 28, 1952	37.43	-
	Apr. 30, 1944	50.2	-	1953	May 10, 1953	40.2	112,000
1945	Feb. 23, 1945	37.9	103,000	1954	Jan. 25, 1954	29.7	76,100
				1955	Apr. 16, 1955	42.80	123,000
1946	Jan. 10, 1946	46.8	139,000		Apr. 16, 1955	43.34	-
	Jan. 11, 1946	47.2	-				
1947	Jan. 23, 1947	49.9	153,000	1956	Mar. 18, 1956	43.0	129,000
	Jan. 24, 1947	50.1	-		Mar. 19, 1956	43.53	-
1948	Feb. 15, 1948	40.7	111,000	1957	Apr. 9, 1957	49.27	148,000
1949	Dec. 3, 1948	56.0	202,000	1958	Mar. 10, 1958	39.58	110,000
1950	Mar. 17, 1950	30.9	79,600		Mar. 10, 1958	39.64	-
	Mar. 18, 1950	31.0	-	1959	Feb. 18, 1959	23.7	57,900
				1960	Apr. 6, 1960	36.30	97,200
1951	Apr. 2, 1951	48.0	139,000				
1952	Mar. 27, 1952	37.23	101,000	1961	Mar. 1, 1961	57.97	284,000

4235. Cahaba River near Acton, Ala.

Location.--Lat 33°22', long 86°49', in SE¼ sec.23, T.19 S., R.3 W., at highway bridge, half a mile upstream from Patton Creek, 1 mile downstream from U.S. Highway 31, 1 mile northwest of Acton, and 16 miles south of Birmingham.

Drainage area.--230 sq mi.

Gage.--Nonrecording prior to Feb. 25, 1939; recording thereafter. Datum of gage is 375.00 ft above mean sea level, adjustment of 1912.

Stage-discharge relation.--Defined by current-meter measurements. Affected by rate of change in stage.

Bankfull stage.--24 ft.

Remarks.--Base for partial-duration series, 4,500 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Feb. 28, 1939	19.03	5,200	1948	Feb. 9, 1948	20.3	5,660
	Aug. 16, 1939	19.12	a5,000		Feb. 9, 1948	20.4	-
					Feb. 14, 1948	18.68	5,080
1940	Feb. 6, 1940	20.03	5,570				
	Feb. 10, 1940	18.70	5,080	1949	Nov. 20, 1948	18.27	4,920
	Feb. 18, 1940	18.00	4,800		Nov. 29, 1948	39.8	21,000
	July 9, 1940	17.82	4,750		Nov. 29, 1948	40.0	-
	July 15, 1940	17.04	4,510		Jan. 6, 1949	36.60	17,600
					Feb. 16, 1949	-	4,710
1941	Aug. 3, 1941	17.10	4,510		Feb. 17, 1949	17.70	-
1942	Feb. 17, 1942	19.33	5,310	1950	Mar. 14, 1950	20.2	5,580
	Mar. 21, 1942	20.45	5,720				
				1951	Mar. 29, 1951	36.8	18,100
1943	Dec. 28, 1942	43.70	25,500		Mar. 29, 1951	37.1	-
	Dec. 29, 1942	44.23	-		Apr. 22, 1951	18.7	5,080
	Mar. 22, 1943	22.88	5,950				
	Apr. 19, 1943	27.48	9,930	1952	Dec. 21, 1951	24.3	7,720
					Dec. 21, 1951	24.6	-
1944	Mar. 29, 1944	26.43	9,230				
	Mar. 30, 1944	26.57	-	1953	Jan. 9, 1953	26.0	8,700
				1954	Jan. 16, 1954	23.6	7,300
1945	Feb. 13, 1945	22.0	6,360				
	May 12, 1945	25.43	a6,000	1955	Dec. 29, 1954	18.10	4,840
					Feb. 7, 1955	26.80	9,340
1946	Jan. 7, 1946	20.85	5,940		Mar. 22, 1955	18.70	5,080
	Feb. 10, 1946	33.1	13,800		Apr. 14, 1955	20.55	5,840
	Feb. 11, 1946	33.23	-				
				1956	Feb. 5, 1956	17.10	4,530
1947	Jan. 16, 1947	16.46	4,280		Mar. 16, 1956	17.29	4,590
	Jan. 20, 1947	29.3	10,800		Apr. 6, 1956	21.20	6,100
	Jan. 20, 1947	29.4	-				
	Mar. 7, 1947	18.59	5,040	1957	Apr. 5, 1957	29.4	11,700

a Discharge approximate, affected by backwater.

4240. Cahaba River at Centreville, Ala.

Location.--Lat 32°56', long 87°08', in E½ sec.26, T.23 N., R.9 E., on left bank below bridge on U.S. Highway 82, a quarter of a mile west of Centreville, half a mile upstream from Gulf, Mobile and Ohio Railroad bridge, and 2½ miles upstream from Sandy Creek.

Drainage area.--1,029 sq mi.

Gage.--Nonrecording prior to Jan. 31, 1939; recording thereafter. At datum 1.15 ft lower prior to May 1929. Datum of gage is 180.74 ft above mean sea level, datum of 1929, supplementary adjustment of 1944.

Stage-discharge relation.--Defined by current-meter measurements. Rate of change in stage used as a factor at times.

Bankfull stage.--24 ft.

Remarks.--Base for partial-duration series, 20,000 cfs. Only annual peaks are shown prior to 1939.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1902	Mar. 28, 1902	36.7	70,100	1947	Jan. 20, 1947	30.59	43,900
1903	Feb. 8, 1903	-	a39,500				
1904	Feb. 8, 1904	-	a4,790	1948	Feb. 9, 1948	26.0	24,800
1905	Feb. 9, 1905	-	a18,600				
				1949	Nov. 28, 1948	32.6	57,400
1906	Mar. 19, 1906	35.5	62,900		Jan. 5, 1949	32.02	52,800
1907	May 15, 1907	-	a17,200		Feb. 16, 1949	24.48	20,400
					Mar. 31, 1949	24.97	21,700
1929	Mar. 14, 1929	-	50,600				
1930	Nov. 15, 1929	34.00	61,000	1950	Mar. 14, 1950	21.16	13,900
					Mar. 14, 1950	21.22	-
1931	Nov. 16, 1930	21.75	13,800				
1932	Mar. 31, 1932	30.1	37,600	1951	Mar. 29, 1951	34.80	83,600
1935	Mar. 7, 1935	b28.0	b24,200	1952	Dec. 21, 1951	26.4	26,300
1936	Feb. 4, 1936	35.8	76,200		Dec. 21, 1951	26.5	-
1937	Mar. 20, 1937	28.8	27,300				
1938	Apr. 8, 1938	36.63	82,800	1953	Jan. 10, 1953	24.6	20,600
1939	Feb. 28, 1939	25.16	22,000	1954	Jan. 17, 1954	21.0	13,800
	Aug. 16, 1939	31.56	45,900		Jan. 17, 1954	21.1	-
1940	Feb. 6, 1940	26.96	27,100	1955	Feb. 7, 1955	25.44	22,800
					Apr. 14, 1955	27.05	27,900
1941	Mar. 7, 1941	21.79	15,600				
	Mar. 7, 1941	21.88	-	1956	Feb. 5, 1956	26.10	24,900
					Mar. 16, 1956	28.01	31,600
1942	Mar. 21, 1942	28.98	35,800		Apr. 6, 1956	27.41	29,300
	June 13, 1942	30.48	43,400		Apr. 16, 1956	24.74	20,900
1943	Dec. 28, 1942	34.38	77,700	1957	Apr. 5, 1957	28.9	35,400
	Mar. 21, 1943	27.50	29,700	1958	Feb. 7, 1958	23.14	17,800
	Apr. 19, 1943	28.40	33,200		Feb. 7, 1958	23.29	-
1944	Mar. 29, 1944	28.02	31,600	1959	Jan. 21, 1959	16.84	10,200
	Apr. 12, 1944	25.42	22,800		Jan. 22, 1959	17.57	-
	Apr. 27, 1944	24.95	21,700				
				1960	Mar. 4, 1960	17.56	9,930
1945	May 13, 1945	27.63	30,100		Mar. 4, 1960	17.64	-
1946	Jan. 7, 1946	25.60	23,400	1961	Feb. 23, 1961	35.35	82,200
	Feb. 10, 1946	29.31	37,200		Mar. 31, 1961	27.50	29,700

a Maximum daily mean discharge.
b Maximum observed.

4245. Cahaba River at Sprott, Ala.

Location.--Lat 32°40', long 87°14', in NE¼ sec.35, T.20 N., R.8 E., near right bank, on downstream side of pier of bridge on State Highways 14 and 183, half a mile upstream from Goose Creek, 1 mile west of Sprott, and 5½ miles northeast of Marion.

Drainage area.--1,378 sq mi.

Gage.--Nonrecording prior to May 10, 1947; recording thereafter. Datum of gage is 129.51 ft above mean sea level, datum of 1929, supplementary adjustment of 1943 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 84,000 cfs. Rate of change in stage used as a factor at times.

Bankfull stage.--15 ft.

Remarks.--Base for partial-duration series, 15,000 cfs. Only annual peaks are shown prior to 1948.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	Apr. 9, 1938	28.55	95,000	1952	Dec.22-23, 1951	-	(a)
1939	Aug. 16, 1939	27.5	85,200		Dec. 22, 1951	-	b15,000
1940	Feb. 7, 1940	19.65	23,400	1953	Jan. 12, 1953	18.0	18,500
1941	Mar. 9, 1941	15.7	12,400	1954	Jan. 18, 1954	14.9	11,600
1942	Mar. 22, 1942	21.68	33,700	1955	Feb. 9, 1955	18.00	19,000
1943	Dec. 29, 1942	27.17	80,800		Apr. 15, 1955	20.15	27,000
1944	Mar. 30, 1944	21.40	32,100	1956	Feb. 6, 1956	18.76	21,400
1945	May 14, 1945	20.09	25,600		Mar. 17, 1956	21.42	33,000
1946	Feb. 12, 1946	20.9	29,400		Apr. 7, 1956	19.90	25,600
1947	Jan. 21, 1947	23.3	44,200		Apr. 17, 1956	17.74	18,200
1948	Feb. 11, 1948	19.3	23,300	1957	Apr. 6, 1957	21.4	33,000
	Mar. 8, 1948	17.00	15,200	1958	Feb. 8, 1958	17.1	16,600
1949	Nov. 30, 1948	24.1	50,100	1959	Jan. 23, 1959	13.0	9,400
	Jan. 7, 1949	23.53	45,600	1960	Mar. 5, 1960	13.70	10,300
	Feb. 21, 1949	17.93	18,100	1961	Feb. 23, 1961	28.90	87,100
	Apr. 2, 1949	18.23	19,200		Mar. 9, 1961	17.18	16,200
	May 3, 1949	18.01	18,500		Apr. 2, 1961	20.07	24,600
1950	Mar. 15, 1950	15.7	13,100				
1951	Mar. 30, 1951	27.2	80,000				
	Apr. 23, 1951	-	(a)				

a Stage and discharge unknown.
b Maximum daily mean discharge.

4250. Cahaba River near Marion Junction, Ala.

Location.--Lat 32°27', long 87°11', on line between secs. 16 and 21, T.17 N., R.9 E., on right bank at downstream side of bridge on U.S. Highway 80, half a mile upstream from Southern Railway bridge, 3 miles downstream from Oakmulgee Creek, 3½ miles east of Marion Junction, and 20 miles upstream from mouth.

Drainage area.--1,768 sq mi.

Gage.--Recording. Datum of gage is 86.72 ft above mean sea level, datum of 1929 (levels by Corps of Engineers). Since Oct. 1, 1940, nonrecording gage at Beloit, 12 miles downstream used as auxiliary gage.

Stage-discharge relation.--Defined by current-meter measurements. Affected by backwater from Alabama River.

Remarks.--Base for partial-duration series, 14,000 cfs. Annual peaks only are shown prior to 1948.

Peak stages and discharges of Cahaba River near Marion Junction, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Aug. 16, 1939	42.95	83,400	1949	Apr. 3, 1949	27.04	17,600
1940	Feb. 9, 1940	29.73	16,600		May 5, 1949	29.00	17,400
1941	Mar. 10, 1941	22.40	12,200	1950	Mar. 17, 1950	20.9	12,500
1942	Mar. 24, 1942	36.50	29,000				
	Mar. 24, 1942	36.81	-	1951	Mar. 31, 1951	41.7	80,400
1943	Dec. 30, 1942	41.5	77,600		Mar. 31, 1951	41.8	-
	Dec. 30, 1942	41.6	-		Apr. 25, 1951	23.5	14,800
1944	Apr. 1, 1944	37.4	29,500				
1945	Feb. 24, 1945	30.7	19,100	1952	Dec. 24, 1951	27.3	17,500
					Dec. 24, 1951	27.4	-
1946	Feb. 14, 1946	35.1	25,300		Mar. 6, 1952	23.6	14,400
1947	Jan. 22, 1947	39.6	44,900				
				1953	Jan. 13, 1953	25.5	16,100
1948	Feb. 13, 1948	32.0	20,700		Jan. 13, 1953	26.0	-
	Mar. 6, 1948	-	15,800		Feb. 24, 1953	25.4	16,000
	Mar. 9, 1948	27.41	-				
				1954	Jan. 19, 1954	18.40	10,600
1949	Dec. 1, 1948	39.4	42,800				
	Jan. 8, 1949	38.43	37,200	1961	Feb. 24, 1961	a43.8	-
	Feb. 22, 1949	30.63	19,600				

a Annual peak only.

4255. Cedar Creek at Minter, Ala.

Location.--Lat 32°05', long 86°59', in SE¼ sec.20, T.13 N., R.11 E., on right bank on downstream side of bridge on county road, 0.2 mile downstream from Snake Creek, 0.5 mile east of Minter, and 4 miles upstream from Dry Cedar Creek.

Drainage area.--217 sq mi.

Gage.--Recording. Prior to Apr. 19, 1962, Apr. 28-29, and June 9-20, 1962, on old channel 500 ft left of and at same datum as present gage. Datum of present gage is 123.50 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 12,000 cfs and contracted-opening measurement at 45,600 cfs.

Bankfull stage.--18 ft.

Remarks.--Base for partial-duration series, 3,500 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1953	Feb. 26, 1953	14.7	3,930	1958	Feb. 7, 1958	14.9	4,040
	Apr. 7, 1953	16.4	5,120		Mar. 7, 1958	20.5	11,800
	Apr. 30, 1953	17.5	6,050		Mar. 18, 1958	14.1	3,580
	May 3, 1953	19.4	7,940				
	May 7, 1953	14.6	3,870	1959	Mar. 12, 1959	14.2	3,640
					Mar. 28, 1959	17.1	5,940
1954	Dec. 5, 1953	16.26	5,040		Apr. 12, 1959	15.8	4,720
	Mar. 15, 1954	15.16	4,240		June 10, 1959	14.8	3,980
1955	Apr. 10, 1955	19.15	8,360	1960	Jan. 18, 1960	16.03	4,880
	Apr. 14, 1955	18.94	7,860		Mar. 16, 1960	17.74	6,640
					Mar. 30, 1960	17.4	6,280
1956	Mar. 16, 1956	15.83	4,660		Apr. 3, 1960	19.49	9,630
	Apr. 6, 1956	16.70	5,360		May 7, 1960	16.45	5,240
1957	Dec. 24, 1956	21.5	14,100	1961	Feb. 19, 1961	20.42	10,300
	Apr. 2, 1957	17.1	6,110		Feb. 25, 1961	24.58	45,600
	Apr. 5, 1957	20.5	11,800		Mar. 7, 1961	17.39	5,290
					Mar. 18, 1961	16.52	4,470
1958	Nov. 19, 1957	14.1	3,580		Apr. 1, 1961	20.29	9,880

4256.55. Mush Creek near Selma, Ala.

Location.--In SW¼ sec.29, T.15 N., R.11 E., at bridge on State Highway 43, 3 miles south of Sardis and 12 miles south of Selma.

Drainage area.--45.4 sq mi.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by six current-meter measurements below 3,500 cfs and extended above by a contracted-opening measurement at 22,100 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Apr. 22, 1951	11.5	3,900	1957	Apr. 17, 1957	12.1	4,700
1952	Mar. 25, 1952	9.5	2,000	1958	Mar. 7, 1958	15.9	11,000
1953	May 4, 1953	16.5	12,500	1959	Mar. 12, 1959	9.7	2,100
1954	Mar. 14, 1954	8.7	1,400	1960	Mar. 30, 1960	13.4	6,500
1955	Apr. 11, 1955	20.1	22,100	1961	Mar. 31, 1961	16.89	13,000
1956	Mar. 16, 1956	12.8	5,600				

4260. Boguechitto Creek near Browns, Ala.

Location.--Lat 32°26', long 87°20', in NW¼ sec.24, T.17 N., R.7 E., 300 ft downstream from bridge on U.S. Highway 80, a third of a mile upstream from Southern Railway bridge, 2 miles east of Browns, and 2½ miles downstream from Washington Creek.

Drainage area.--104 sq mi.

Gage.--Nonrecording prior to Dec. 10, 1949; recording Dec. 10, 1949, to June 1954; crest-stage gage thereafter. Datum of gage is 129.39 ft above mean sea level, datum of 1929, supplementary adjustment of 1943 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 2,500 cfs. Only annual peaks are shown prior to 1948 and since 1954.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1943	Dec. 28, 1942	20.7	-	1952	Mar. 4, 1952	15.8	5,670
1944	Mar. 23, 1944	16.4	6,710	1953	Feb. 21, 1953	14.3	2,690
1945	Mar. 26, 1945	17.16	9,440		Apr. 30, 1953	14.2	2,560
1946	Mar. 28, 1946	14.31	2,800	1954	Apr. 16, 1954	14.06	2,440
1947	Jan. 20, 1947	16.6	7,320	1955	Apr. 13, 1955	15.5	4,930
1948	Mar. 23, 1948	14.8	3,290	1956	Mar. 14, 1956	15.6	5,170
1949	Nov. 27, 1948	-	2,730	1957	Apr. 4, 1957	8.9	720
	Feb. 16, 1949	14.6	3,000	1958	Mar. 7, 1958	14.7	3,310
1950	May 21, 1950	10.6	1,020	1959	-	-	(a)
1951	Mar. 29, 1951	19.0	14,200	1960	Oct. 15, 1959	13.2	1,740
				1961	Feb. 22, 1961	15.75	5,540

a Discharge not determined, but known to be less than 450 cfs.

4265. Boguechitto Creek at Bogue Chitto, near Orrville, Ala.

Location.--Lat 32°21', long 87°18', in NE¼ sec.19, T.16 N., R.8 E., at Southern Railway bridge, 1 mile southwest of Bogue Chitto, 1½ miles upstream from Dry Creek, and 5 miles northwest of Orrville.

Drainage area.--197 sq mi.

Gage.--Nonrecording. Datum of gage is 100.05 ft above mean sea level, datum of 1929 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 8,500 cfs.

Bankfull stage.--21 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Aug. 16, 1939	a31.2	a31,800	1942	Mar. 22, 1942	a26.2	a9,410
1940	Mar. 14, 1940	a24.4	a6,370	1943	Dec. 28, 1942	30.2	25,100
				1944	Mar. 23, 1944	a26.9	a11,000
1941	Mar. 8, 1941	a24.8	a6,890				

a Maximum observed.

4270. Boguechitto Creek near Orrville, Ala.

Location.--Lat 32°18', long 87°17', in NW¼ sec.4, T.15 N., R.8 E., at bridge on State Highway 22, 300 ft downstream from Louisville & Nashville Railroad bridge, three-quarters of a mile downstream from Tatum Creek, and 2 miles west of Orrville.

Drainage area.--292 sq mi.

Gage.--Nonrecording. Datum of gage is 91.09 ft above mean sea level, datum of 1929 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 24,000 cfs and extended above by logarithmic plotting.

Bankfull stage.--17 ft.

Remarks.--Base for partial-duration series, 9,000 cfs. Only annual peaks are shown prior to 1948.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1943	Dec. 29, 1942	29.4	47,000	1947	Jan. 20, 1947	23.4	23,400
1944	Apr. 27, 1944	a26.6	a32,400	1948	Mar. 4, 1948	20.7	9,160
1945	Mar. 26, 1945	a25.38	a23,400				
				1949	Nov. 27, 1948	22.5	12,700
1946	Mar. 28, 1946	a24.34	a16,600		Feb. 16, 1949	22.8	13,600

a Maximum observed.

4275. Alabama River near Millers Ferry, Ala.

Location.--Lat 32°07', long 87°24', in NW¼ sec.8, T.13 N., R.7 E., at bridge on State Highway 28, just downstream from Prairie Creek and 2¼ miles northwest of Millers Ferry.

Drainage area.--20,700 sq mi, approximately.

Gage.--Nonrecording. Datum of gage is 26.82 ft above mean sea level, datum of 1929, supplementary adjustment of 1943 (levels by Corps of Engineers). Since Aug. 6, 1940, auxiliary nonrecording 9¾ miles downstream.

Stage-discharge relation.--Defined by current-meter measurements. Affected by variable slopes.

Bankfull stage.--45 ft.

Historical data.--Flood in April 1886 reached a stage 1 to 5 ft higher than that of March 1929.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	March 1929	56.8	238,000	1946	Jan. 13, 1946	49.3	150,000
				1947	Jan. 26, 1947	51.5	172,000
1938	Apr. 14, 1938	56.6	237,000	1948	Feb. 15, 1948	45.4	129,000
1939	Aug. 20, 1939	54.8	206,000	1949	Dec. 5, 1948	56.2	215,000
	Aug.20,21,1939	55.0	-	1950	Mar. 19, 1950	35.2	90,200
1940	Mar. 16, 1940	-	104,000				
	Mar. 17, 1940	39.26	-	1951	Apr.4,5, 1951	49.9	155,000
				1952	Dec. 24, 1951	39.63	113,000
1941	Mar. 10, 1941	26.7	58,600		Mar. 29, 1952	40.9	-
1942	Mar. 27, 1942	47.4	132,000	1953	Feb. 28, 1953	44.9	127,000
1943	Mar. 27, 1943	52.9	184,000	1954	Jan. 27, 1954	33.6	85,300
1944	May 2, 1944	51.7	174,000				
1945	Feb. 24, 1945	42.8	112,000	1961	Mar. 3, 1961	60.0	284,000
	Feb. 25, 1945	43.0	-				

4278.75. Pursley Creek near Camden, Ala.

Location.--In NE¼ sec.2, T.11 N., R.7 E., at bridge on State Highway 41, 4 miles southwest of Camden.

Drainage area.--60.2 sq mi.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by six current-meter measurements below 4,700 cfs, a contracted-opening measurement at 7,000 cfs, and extended above by logarithmic plotting.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Mar. 29, 1951	13.5	3,200	1957	Apr. 5, 1957	20.4	7,000
				1958	Mar. 7, 1958	17.7	5,400
1953	Apr. 6, 1953	12.0	2,600	1959	June 11, 1959	14.8	3,900
1954	Dec. 4, 1953	5.82	630	1960	Aug. 5, 1960	11.9	2,600
1955	Apr. 11, 1955	20.3	7,000				
				1961	Mar. 31, 1961	25.90	11,400
1956	Mar. 16, 1956	13.3	3,200				

4280. Alabama River near Coy, Ala.

Location.--Lat 31°55', long 87°29', in NE¼ sec.17, T.11 N., R.6 E., at St. Louis-San Francisco Railway bridge, 3 miles north of Coy.

Drainage area.--21,200 sq mi, approximately.

Gage.--Recording. Datum of gage is 17.37 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 210,000 cfs.

Bankfull stage.--45 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	Mar. 23, 1929	55.83	269,000	1932	Feb. 27, 1932	39.84	108,000
1930	Nov. 24, 1929	48.45	165,000	1933	Jan. 5, 1933	48.78	170,000
				1934	Mar. 10, 1934	41.92	118,000
1931	Nov. 22, 1930	29.88	72,100				

4285. Flat Creek at Fountain, Ala.

Location.--Lat 31°37', long 87°25', in SE¼ sec.36, T.8 N., R.6 E., on downstream side of midchannel pier of bridge on State Highway 41, three-quarters of a mile downstream from St. Louis-San Francisco Railway bridge, 1 mile northwest of Fountain, 2 miles upstream from Bradley Mill Creek, 8 miles upstream from mouth, and 8 miles northwest of Monroeville.

Drainage area.--245 sq mi.

Gage.--Nonrecording prior to July 12, 1944; recording thereafter. Datum of gage is 45.43 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 20,000 cfs and extended above by logarithmic plotting. Affected by backwater from Alabama River at times.

Bankfull stage.--12 ft.

Remarks.--Base for partial-duration series, 3,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1944	Apr. 27, 1944	21.19	a17,300	1953	Apr. 9, 1953	11.4	2,790
1945	Apr.29,30,1945	12.68	3,250	1954	Dec. 6, 1953	9.7	2,210
1946	Jan. 7, 1946	17.27	7,160	1955	Apr. 15, 1955	16.80	6,220
	Mar. 10, 1946	13.84	3,880				
	Mar. 28, 1946	18.37	8,860	1956	July 8, 1956	13.93	3,960
	May 21, 1946	18.90	9,700				
	June 2, 1946	18.32	8,570	1957	Dec. 25, 1956	12.7	3,300
	Aug. 7, 1946	11.99	3,100		Apr. 6, 1957	20.7	15,100
1947	Mar. 9, 1947	13.15	3,550	1958	Mar. 10, 1958	12.4	3,160
	Apr. 3, 1947	18.17	7,950				
	Apr. 17, 1947	12.66	3,300	1959	Mar. 29, 1959	12.1	3,040
					June 11, 1959	16.6	6,040
1948	Dec. 11, 1947	18.7	8,900				
	Mar. 7, 1948	17.68	7,200	1960	Mar. 15, 1960	12.22	3,080
					Mar. 31, 1960	16.65	6,040
1949	Nov. 27, 1948	23.2	26,000		Apr. 4, 1960	15.74	5,260
	Mar. 24, 1949	15.84	5,340				
	May 3, 1949	13.07	3,500	1961	Feb. 20, 1961	19.18	10,400
					Feb. 25, 1961	22.00	21,300
1950	July 30, 1950	11.6	2,860		Mar. 9, 1961	15.95	4,910
					Mar. 20, 1961	15.11	4,790
1951	Apr. 21, 1951	14.7	4,490		Apr. 1, 1961	-	(b)
1952	Mar. 24, 1952	8.4	1,820				

a Annual peak only. b Stage and discharge unknown.

4290. Limestone Creek near Monroeville, Ala.

Location.--Lat 31°34', long 87°21', in NE¼ sec.22, T.7 N., R.7 E., near left bank on downstream side of pier of bridge on State Highway 41, 3 miles northwest of Monroeville and 10 miles upstream from mouth.

Drainage area.--117 sq mi.

Gage.--Recording. Datum of gage is 104.88 ft above mean sea level, datum of 1929, supplementary adjustment of 1943.

Stage-discharge relation.--Defined by current-meter measurements below 4,500 cfs and by contracted-opening measurement at 30,600 cfs.

Bankfull stage.--7 ft.

Historical data.--Flood of March 1929 reached a stage of about 22 ft, from information by local residents.

Remarks.--Base for partial-duration series, 1,300 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	March 1929	22	-	1958	Nov. 14, 1957	8.62	2,490
					Nov. 23, 1957	7.16	1,420
1952	Mar. 23, 1952	9.02	3,070		Feb. 7, 1958	7.37	1,520
	Apr. 4, 1952	7.70	1,820				
				1959	Mar. 22, 1959	7.53	1,580
1953	Dec. 10, 1952	7.4	1,710		June 10, 1959	8.29	2,180
	Feb. 15, 1953	7.2	1,570		Sept.14, 1959	7.20	1,420
	Apr. 7, 1953	7.4	1,710				
	Apr. 26, 1953	7.1	1,500	1960	Jan. 18, 1960	8.70	2,720
	July 22, 1953	6.9	1,380		Mar. 3, 1960	7.65	1,730
					Mar. 15, 1960	7.90	1,930
1954	Dec. 4, 1953	9.5	4,300		Mar. 30, 1960	9.95	4,660
	Dec. 6, 1953	7.6	1,860		Apr. 3, 1960	9.75	4,250
	Dec. 12, 1953	7.8	2,040		May 7, 1960	7.10	1,360
	Feb. 20, 1954	8.2	2,420		Sept.16, 1960	8.80	2,830
	Mar. 28, 1954	7.0	1,440				
				1961	Feb. 20, 1961	9.08	3,170
1955	Feb. 7, 1955	7.10	1,370		Feb. 23, 1961	7.41	1,560
	Apr. 11, 1955	8.88	2,840		Feb. 25, 1961	16.28	30,600
	Apr. 14, 1955	11.50	9,770		Mar. 7, 1961	8.85	2,890
					Mar. 18, 1961	8.72	2,740
1956	July 8, 1956	10.13	5,550		Mar. 29, 1961	7.60	1,690
					Mar. 31, 1961	8.29	2,290
1957	Dec. 23, 1956	10.57	6,760		Apr. 12, 1961	8.98	3,050
	Apr. 1, 1957	8.43	2,330		June 21, 1961	9.31	3,490
	Apr. 5, 1957	10.43	6,450		June 27, 1961	7.34	1,510

4295. Alabama River at Claiborne, Ala.

Location.--Lat 31°32', long 87°31', in sec.25, T.7 N., R.5 E., near left bank on downstream side of pier of bridge on U.S. Highway 84 at Claiborne, half a mile downstream from Limestone Creek and 12 miles west of Monroeville.

Drainage area.--22,000 sq mi, approximately.

Gage.--Recording. Datum of gage is 0.4 ft above mean sea level, datum of 1929, supplementary adjustment of 1943.

Stage-discharge relation.--Defined by current-meter measurements. Rate of change in stage used as a factor.

Bankfull stage.--50 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges of Alabama River at Claiborne, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1931	Nov. 22, 1930	33.02	72,800	1948	Feb. 19, 1948	43.1	128,000
1932	Feb. 27, 1932	40.90	114,000	1949	Dec. 9, 1948	52.0	219,000
1933	Jan. 6, 1933	47.96	172,000	1950	Mar. 21, 1950	35.8	84,900
1934	Mar. 11, 1934	42.26	122,000				
1935	Mar. 14, 1935	42.30	122,000	1951	Apr. 8, 1951	45.7	148,000
				1952	Mar. 31, 1952	39.8	107,000
1936	Feb. 15, 1936	49.0	183,000	1953	Mar.1,2, 1953	42.6	124,000
1937	May10-12,1937	43.20	128,000	1954	Jan. 27, 1954	34.89	81,300
1938	Apr.16,17,1938	52.25	227,000		Jan. 28, 1954	34.94	-
1939	Aug. 24, 1939	50.12	197,000	1955	Apr. 20, 1955	44.14	135,000
1940	Mar.19,20,1940	38.47	99,200				
				1956	Mar. 23, 1956	43.15	128,000
1941	Mar. 11, 1941	30.00	59,800	1957	Apr. 14, 1957	46.35	155,000
1942	Mar. 29, 1942	43.96	134,000	1958	Mar. 13, 1958	42.0	119,000
1943	Mar. 29, 1943	49.0	183,000	1959	June 10, 1959	31.7	71,200
1944	May 4, 1944	47.7	168,000		June 11, 1959	32.1	-
1945	May 1, 1945	41.4	114,000	1960	Apr.7,8, 1960	40.94	112,000
1946	Jan. 17, 1946	45.9	150,000	1961	Mar. 7, 1961	55.15	267,000
1947	Jan. 29, 1947	47.2	163,000				

4299. Big Brown Creek near Booneville, Miss.

Location.--Lat 34°37'27", long 88°26'43", in N½ sec.27, T.5 S., R.8 E., Chickasaw meridian, at bridge on State Highway 30, 1.2 miles downstream from Thompson Branch and 7 miles southeast of Booneville.

Drainage area.--30.7 sq mi.

Gage.--Crest-stage gage, assumed datum.

Remarks.--Only annual peak stages are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	-	(a)	-	1957	Feb. 1, 1957	95.82	-
1953	Feb. 20, 1953	97.27	-	1958	Nov. 15, 1957	99.00	-
1954	Feb. 20, 1954	92.2	-	1959	July 25, 1959	88.39	-
1955	Mar. 21, 1955	99.46	-	1960	Mar. 2, 1960	94.22	-
1956	Feb. 4, 1956	97.27	-	1961	Mar. 8, 1961	99.53	-

a Less than 95 ft (bottom of gage).

4300. Mackys Creek near Dennis, Miss.

Location.--Lat 34°32', long 88°20', in sec.26, T.6 S., R.9 E., Chickasaw meridian, at bridge on State Highway 4, 6 miles southwest of Dennis and 10 miles upstream from confluence with Browns Creek.

Drainage area.--66 sq mi, approximately.

Gage.--Nonrecording prior to Oct. 15, 1948; recording thereafter. Datum of gage is 333.47 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 4,200 cfs and extended above on basis of slope-area measurement at 16,300 cfs.

Remarks.--Base for partial-duration series, 1,500 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Feb. 15, 1939	17.8	3,050	1950	Sept. 2, 1950	15.63	2,130
	May 22, 1939	17.5	2,900	1951	Jan. 4, 1951	17.21	2,780
1940	Apr. 18, 1940	17.1	2,740		Feb. 1, 1951	-	a2,200
					Feb. 7, 1951	13.11	1,560
1941	July 4, 1941	10.6	1,020		Mar. 29, 1951	20.44	4,760
1942	Mar. 17, 1942	12.1	1,270	1952	Dec. 26, 1951	14.67	1,910
					Jan. 27, 1952	13.19	1,500
1943	Dec. 28, 1942	13.5	1,540	1953	Feb. 12, 1953	15.83	2,270
1944	Mar. 29, 1944	17.1	2,740		Feb. 21, 1953	17.63	2,780
	May 5, 1944	14.7	1,910		Mar. 23, 1953	-	a1,800
1945	Jan. 1, 1945	15.00	2,000	1954	Jan. 22, 1954	-	b1,580
1946	Jan. 8, 1946	17.06	2,740	1955	Mar. 21, 1955	28.44	16,300
	Feb. 9, 1946	16.06	2,350		May 22, 1955	16.03	2,350
	May 26, 1946	15.3	2,090	1956	Feb. 18, 1956	14.47	1,850
1947	Jan. 3, 1947	10.83	1,050		May 1, 1956	13.52	1,580
1948	Feb. 13, 1948	22.08	6,240	1957	Feb. 1, 1957	17.60	2,950
	Mar. 31, 1948	13.5	1,540	1958	Nov. 14, 1957	15.8	2,250
1949	Nov. 19, 1948	15.88	2,180		Nov. 19, 1957	14.6	1,880
	Nov. 28, 1948	14.85	1,920				
	Jan. 3, 1949	18.09	3,210	1959	Jan. 22, 1959	6.04	510
	Mar. 27, 1949	18.30	3,330	1960	Dec. 19, 1959	12.53	1,360
1950	Jan. 6, 1950	14.06	1,760				
	Feb. 14, 1950	19.54	4,110	1961	Mar. 8, 1961	21.74	5,880
	Mar. 13, 1950	15.31	2,030				

a Estimated.
b Estimated daily mean.

4305. East Fork Tombigbee River near Marietta, Miss.

Location.--Lat 34°26', long 88°25', in SE¼ sec.35, T.7 S., R.8 E., Chickasaw meridian, at county bridge half a mile downstream from confluence of Brown's Creek and Mackys Creek, and 6 miles southeast of Marietta.

Drainage area.--305 sq mi.

Gage.--Nonrecording prior to Oct. 14, 1948; recording thereafter. Datum of gage is 282.10 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 5,900 cfs.

Remarks.--Channel improvement projects on tributaries upstream and on main channel downstream were completed in 1939. Base for partial-duration series, 5,000 cfs. Gage heights and discharge measurements furnished by Corps of Engineers.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	June 2, 1938	9.75	5,100	1945	Feb. 18, 1945	10.00	5,000
1939	Feb. 15, 1939	10.30	9,150	1946	Jan. 8, 1946	10.84	12,700
	Mar. 30, 1939	9.70	5,020		Feb. 10, 1946	10.50	8,950
	May 23, 1939	10.00	6,750		Feb. 28, 1946	9.98	5,000
	June 2, 1939	9.90	6,100		May 26, 1946	9.98	5,000
	June 14, 1939	9.70	5,020		July 5, 1946	9.98	5,000
1940	Mar. 13, 1940	9.80	5,530	1947	Jan. 3, 1947	10.27	6,700
	Apr. 5, 1940	9.70	5,020				
	Apr. 19, 1940	10.3	9,150	1948	Feb. 13, 1948	a12.4	-
1941	Apr. 5, 1941	9.7	4,750	1949	Nov. 19, 1948	10.43	8,270
					Nov. 29, 1948	10.48	8,720
1942	Mar. 17, 1942	10.0	6,850		Jan. 4, 1949	10.90	13,300
					Jan. 22, 1949	10.18	6,280
1943	Dec. 28, 1942	9.9	6,150		Mar. 27, 1949	10.68	10,800
	Mar. 13, 1943	9.9	6,150				
				1950	Jan. 6, 1950	10.29	7,030
1944	Feb. 9, 1944	10.5	8,950		Jan. 13, 1950	10.03	5,380
	Feb. 27, 1944	10.1	5,580		Feb. 14, 1950	11.24	17,600
	Mar. 29, 1944	10.7	11,000		Mar. 13, 1950	10.41	8,090
1945	Jan. 1, 1945	10.30	7,100	1951	Mar. 29, 1951	11.46	a21,200

a Annual peak only.

4308. Red Boot Creek near Fulton, Miss.

Location.--Lat 34°19'10", long 88°19'30", in NE¼SE¼NW¼ sec.11, T.9 S., R.9 E., Chickasaw meridian, at upstream side of culvert on State Highway 25, 4.45 miles north of junction of State Highway 25 and U.S. Highway 78 near Fulton.

Drainage area.--0.150 sq mi.

Gage.--Crest-stage gage.

Stage-discharge relation.--Theoretical rating and crest-stage-gage readings.

Bankfull stage.--No defined channel.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Mar. 21, 1955	18.61	119	1959	June 9, 1959	16.10	36
				1960	June 17, 1960	16.19	38
1956	-	15.86	30				
1957	July 1, 1957	17.21	69	1961	Mar. 28, 1961	16.14	37
1958	Nov. 15, 1957	16.78	55				

4310. East Fork Tombigbee River near Fulton, Miss.

Location.--Lat 34°15'55", long 88°26'42", in SE¼ sec.27, T.9 S., R.8 E., Chickasaw meridian, at bridge on U.S. Highway 78, 2 miles west of Fulton.

Drainage area.--605 sq mi.

Gage.--Nonrecording prior to Aug. 22, 1939; recording thereafter. August 1928 to Aug. 26, 1934, at site 200 ft upstream. Datum of gage is 242.70 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 30,000 cfs and extended on basis of indirect methods and by logarithmic plotting. Moderate high-water shifts have occurred.

Historical data.--According to a former gage observer in 1928, a flood in March 1927 (probably December 1926) reached a stage of 26.0 ± 1.0 ft and was the highest flood since 1900.

Remarks.--Channel improvement project was completed in August 1938. Base for partial-duration series, 8,000 cfs. The U.S. Weather Bureau published gage heights for site 800 ft upstream for the period 1909-12.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	Mar. 15, 1929	17.54	15,700	1944	Mar. 20, 1944	16.59	10,600
	Mar. 24, 1929	16.66	10,100		Mar. 29, 1944	18.82	30,000
					May 6, 1944	16.45	9,400
1930	Jan. 16, 1930	-	a10,800				
	Mar. 8, 1930	17.42	15,000	1945	Jan. 2, 1945	17.63	15,600
	May 20, 1930	16.82	10,800		Feb. 19, 1945	16.78	9,100
					Mar. 5, 1945	16.70	8,400
1931	Feb. 26, 1931	15.87	4,250				
				1946	Jan. 9, 1946	19.12	25,900
1932	Dec. 15, 1931	17.60	14,600		Feb. 10, 1946	18.66	22,700
	Jan. 14, 1932	17.45	13,300		May 26, 1946	16.84	9,750
	Jan. 31, 1932	17.26	12,700		July 6, 1946	17.27	12,500
	Feb. 4, 1932	16.56	8,050				
	July 3, 1932	17.20	12,100	1947	Jan. 4, 1947	17.33	13,600
	Sept.28, 1932	18.52	19,600		Apr. 12, 1947	16.75	9,100
1933	Oct. 6, 1932	16.76	8,360	1948	Feb. 14, 1948	22.24	47,700
	Oct. 18, 1932	18.05	16,400		Mar. 17, 1948	18.02	15,400
	Dec. 12, 1932	17.32	11,500		Apr. 1, 1948	16.84	8,400
	Feb. 9, 1933	16.92	9,600				
	Feb. 21, 1933	16.84	8,980	1949	Nov. 20, 1948	18.84	20,400
	Mar. 20, 1933	17.10	10,200		Nov. 29, 1948	17.81	14,200
	Apr. 1, 1933	17.27	11,500		Jan. 4, 1949	19.43	24,600
					Jan. 23, 1949	17.30	11,300
1934	Mar. 4, 1934	16.68	9,000		Mar. 28, 1949	18.01	15,400
1935	Jan. 2, 1935	16.34	8,900	1950	Jan. 7, 1950	18.15	16,200
	Mar. 13, 1935	16.72	11,900		Jan. 14, 1950	17.14	9,900
					Feb. 15, 1950	19.18	23,200
1936	Apr. 7, 1936	17.21	13,800		Mar. 14, 1950	18.16	16,200
					Sept. 4, 1950	18.55	19,000
1937	Jan. 3, 1937	17.29	14,400				
				1951	Dec. 8, 1950	16.87	8,110
1938	Apr. 9, 1938	16.53	9,600		Jan. 4, 1951	19.22	23,200
	May 31, 1938	16.3	8,400		Feb. 2, 1951	-	a17,000
					Feb. 8, 1951	17.56	12,300
1939	Feb. 15, 1939	b18.45	24,200		Mar. 29, 1951	20.70	34,500
	Mar. 31, 1939	16.53	11,200				
	May 23, 1939	17.6	18,400	1952	Dec. 16, 1951	16.95	8,700
	June 2, 1939	16.38	10,600		Dec. 22, 1951	16.90	8,400
	June 14, 1939	16.70	12,500		Dec. 27, 1951	17.82	13,800
	June 19, 1939	16.16	8,600		Jan. 29, 1952	17.59	12,600
1940	Mar. 14, 1940	16.55	11,500	1953	Feb. 13, 1953	17.91	14,400
	Apr. 19, 1940	17.85	19,600		Feb. 22, 1953	18.23	16,900
					Mar. 16, 1953	16.94	8,700
1941	Dec. 18, 1940	15.53	5,000		Mar. 24, 1953	17.22	10,200
1942	Mar. 18, 1942	17.00	14,400	1954	Jan. 23, 1954	17.39	11,400
1943	Dec. 29, 1942	16.37	10,200	1955	Mar. 22, 1955	25.75	82,200
	Mar. 14, 1943	16.43	10,200		Apr. 14, 1955	17.23	10,800
1944	Feb. 10, 1944	16.62	10,600	1956	Feb. 5, 1956	17.65	12,900
	Feb. 28, 1944	16.84	12,600		Feb. 19, 1956	17.66	12,900

a Estimated daily mean.
b Occurred at different time than peak discharge.

Peak stages and discharges of East Fork Tombigbee River near Fulton, Miss.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1956	Apr. 5, 1956	16.92	8,400	1959	Feb. 15, 1959	16.46	6,000
	Apr. 12, 1956	16.88	8,400				
	May 2, 1956	17.30	10,800	1960	Dec. 20, 1959	17.27	10,800
1957	Feb. 2, 1957	19.62	29,000		Mar. 4, 1960	17.65	13,600
				1961	Feb. 22, 1961	17.53	12,700
1958	Nov. 15, 1957	19.10	24,800		Mar. 9, 1961	19.68	29,700
	Sept.23, 1958	16.86	8,200		Mar. 30, 1961	17.00	9,100

4315. East Fork Tombigbee River at Beans Ferry, near Fulton, Miss.

Location.--Lat 34°12'20", long 88°23'50", in SW¼ sec.18, T.10 S., R.9 E., Chickasaw meridian, at county road bridge, 2 miles downstream from Mantachie Creek and 4.7 miles south of Fulton.

Drainage area.--699 sq mi.

Gage.--Nonrecording. Datum of gage is 229.80 ft above mean sea level, datum of 1929.

Stage-dishcarge relation.--Defined by current-meter measurements below 10,000 cfs.

Historical data.--Flood of December 1926 reached a stage of 26.6 ft, from information by Corps of Engineers.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1927	December 1926	26.6	-	1942	Mar. 19, 1942	22.6	14,700
				1943	Mar. 14, 1943	21.9	11,600
1938	Apr. 9, 1938	21.9	9,900	1944	Mar. 29, 1944	25.50	30,300
1939	Feb. 16, 1939	24.5	24,200	1945	Jan. 2, 1945	23.40	16,000
1940	Apr. 20, 1940	23.6	19,700				
				1946	Jan. 9, 1946	25.5	28,400
1941	Dec. 18, 1940	19.7	4,900	1947	Jan. 4, 1947	23.16	15,100

4320. East Fork Tombigbee River at Ironwood Bluff, near Smithville, Miss.

Location.--Lat 34°08', long 88°24', in NW¼ sec.18, T.11 S., R.9 E., Chickasaw meridian, at bridge on county road, 3½ miles upstream from Bull Mountain Creek and 4 miles north of Smithville.

Drainage area.--741 sq mi.

Gage.--Nonrecording. Datum of gage is 220.58 ft above mean sea level, datum of 1929 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 11,000 cfs. Backwater from Bull Mountain Creek occurs occasionally.

Bankfull stage.--17 ft.

Historical data.--Flood of March 1955 reached a stage of 28.15 ft and that of December 1926 a stage of 22.6 ft, from information by Corps of Engineers.

Remarks.--Only annual peak stages are shown. Records furnished by Corps of Engineers.

Peak stages and discharges of East Fork Tombigbee River at Ironwood Bluff, near Smithville, Miss.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1937	Jan. 21, 1937	a19.2	-	1946	Jan. 9, 1946	22.9	-
1938	Apr. 10, 1938	a19.5	-	1947	Jan. 4, 1947	20.8	-
	June 2, 1938	a19.5	-	1948	Feb. 14, 1948	26.3	-
1939	Feb. 16, 1939	a21.6	-	1949	Jan. 5, 1949	23.2	-
1940	Apr. 20, 1940	20.8	-	1950	Feb. 15, 1950	22.3	-
1941	Dec. 20, 1940	17.0	-	1951	Mar. 30, 1951	24.0	-
1942	Mar. 20, 1942	20.9	-	1952	Dec. 28, 1951	20.5	-
1943	Mar. 15, 1943	19.8	-	1953	Feb. 23, 1953	21.8	-
1944	Mar. 29, 1944	23.2	-				
1945	Jan. 3, 1945	21.1	-				

a Record incomplete; probably annual peak.

4325. Bull Mountain Creek at Tremont, Miss.

Location.--Lat 34°14'20", long 88°16'15", in NE¼SW¼ sec.5, T.10 S., R.10 E., Chickasaw meridian, at bridge on U.S. Highway 78, 0.7 mile northwest of Tremont, 1 mile upstream from Johns Creek, 1½ miles upstream from Cypress Creek, 3¼ miles upstream from Chubby Creek, and 8 miles southeast of Fulton.

Drainage area.--120 sq mi.

Gage.--Nonrecording prior to July 22, 1949; recording thereafter. Datum of gage is 317.39 ft above mean sea level, datum of 1929 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 6,000 cfs.

Bankfull stage.--6 ft.

Remarks.--The drainage area is questionable at high stages. Above a stage of about 6 ft there may be inflow or outflow from Chubby and/or Cypress Creeks, depending on the relative stages of the streams. Base for partial-duration series, 4,000 cfs. Gage heights and occasional discharge measurements October 1940 to September 1961 furnished by Corps of Engineers.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1941	July 5, 1941	7.5	2,100	1951	Mar. 29, 1951	9.65	13,500
1942	Mar. 18, 1942	7.3	1,700	1952	Dec. 21, 1951	8.34	4,560
					Dec. 26, 1951	8.45	5,000
1943	Dec. 29, 1942	7.4	1,900	1953	Feb. 21, 1953	8.49	5,160
1944	Mar. 29, 1944	9.1	8,800		Apr. 30, 1953	8.58	5,600
1945	Feb. 22, 1945	8.8	6,800	1954	Jan. 22, 1954	8.46	5,040
1946	Jan. 8, 1946	9.47	11,600	1955	Feb. 22, 1955	8.64	5,900
	Feb. 9, 1946	8.3	4,400		Mar. 21, 1955	11.28	-
1947	Jan. 2, 1947	8.01	3,400	1956	Apr. 7, 1956	7.97	3,310
1948	Feb. 13, 1948	9.45	11,600	1957	Feb. 1, 1957	8.92	7,540
1949	Jan. 5, 1949	8.84	7,040	1958	Nov. 18, 1957	8.20	4,050
1950	Jan. 6, 1950	9.02	8,240	1959	Feb. 14, 1959	7.35	1,580
	Feb. 14, 1950	8.48	5,120				
	Mar. 13, 1950	8.42	4,800	1960	Mar. 3, 1960	8.10	3,700
1951	Feb. 1, 1951	-	a13,000	1961	Feb. 21, 1961	7.67	2,430

a Estimated.

4330. Bull Mountain Creek near Smithville, Miss.

Location.--Lat 34°05', long 88°24', in SE¼ sec.30, T.11 S., R.9 E., Chickasaw meridian, at bridge on State Highway 25, 1.1 miles north of Smithville and 3½ miles upstream from mouth.

Drainage area.--335 sq mi.

Gage.--Nonrecording prior to Oct. 15, 1948; recording thereafter. Datum of gage is 234.81 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 17,000 cfs and extended above on basis of velocity-area studies and logarithmic plotting.

Bankfull stage.--10 ft.

Historical data.--Flood of December 1926 reached a stage of 15.7 ft, from information by Corps of Engineers.

Remarks.--Base for partial-duration series, 5,000 cfs. Gage-height record and occasional discharge measurements furnished by Corps of Engineers.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1941	July 7, 1941	9.3	2,110	1950	Sept. 2, 1950	12.46	7,310
1942	Mar. 19, 1942	10.8	3,670	1951	Feb. 2, 1951	-	a14,000
					Mar. 29, 1951	15.48	26,700
1943	Dec. 30, 1942	11.4	4,750	1952	Dec. 22, 1951	12.30	6,730
1944	Feb. 28, 1944	12.8	8,350		Dec. 27, 1951	12.56	7,650
	Mar. 29, 1944	14.9	21,900	1953	Feb. 22, 1953	13.09	10,500
1945	Feb. 23, 1945	13.70	12,800		May 1, 1953	12.72	8,600
	Mar. 5, 1945	11.90	5,780	1954	Jan. 23, 1954	12.76	8,800
1946	Jan. 9, 1946	14.3	17,100				
	Feb. 10, 1946	14.20	16,300	1955	Feb. 23, 1955	-	a6,000
	Mar. 19, 1946	11.97	6,000		Mar. 22, 1955	17.18	40,000
					Apr. 15, 1955	11.56	5,100
1947	Jan. 3, 1947	13.0	9,100	1956	Apr. 8, 1956	11.92	5,950
1948	Feb. 13, 1948	15.25	24,800				
	Mar. 18, 1948	13.1	9,500	1957	Feb. 2, 1957	14.28	18,000
1949	Nov. 30, 1948	11.86	5,780	1958	Nov. 18, 1957	13.39	12,200
	Jan. 5, 1949	14.36	17,900				
	Jan. 23, 1949	12.40	7,010	1959	Feb. 16, 1959	10.45	3,070
1950	Jan. 7, 1950	13.94	14,200	1960	Mar. 4, 1960	12.67	8,480
	Feb. 15, 1950	13.22	10,000				
	Mar. 14, 1950	13.28	10,500	1961	Feb. 23, 1961	11.90	5,950

a Estimated daily mean.

4335. East Fork Tombigbee River at Bigbee, Miss.

Location.--Lat 34°00'40", long 88°30'50", in SW¼NE¼ sec.25, T.12 S., R.7 E., Chickasaw meridian, at bridge on State Highway 6, 0.5 mile southeast of Bigbee and 3.7 miles upstream from confluence with West Fork.

Drainage area.--1,194 sq mi.

Gage.--Nonrecording prior to Sept. 8, 1949; recording thereafter. Datum of gage is 190.00 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 26,000 cfs and extended above on basis of area-velocity studies and runoff for stations on nearby streams. Discharge computed using fall, as determined from gage readings at station Tombigbee River near Amory, as a factor since Oct. 1,1951.

Historical data.--The flood of March 1955 is the highest known and the floods of February 1948 and December 1926 are the second and third highest, respectively, since at least 1890, according to information by local residents. The flood of December 1926 reached a stage of 24.2 ft, from information by Corps of Engineers.

Remarks.--Only annual peaks are shown. Intermittent gage heights January 1937 to March 1945 (unpublished); daily gage heights March 1945 to December 1954 furnished by Corps of Engineers.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1937	Jan. 24, 1937	a15.9	-	1948	Feb. 15, 1948	24.92	52,800
1938	Apr. 21, 1938	16.7	-	1949	Jan. 6, 1949	23.60	43,900
1939	Feb. 17, 1939	20.0	-	1950	Feb. 16, 1950	21.36	29,600
1940	Apr. 21, 1940	18.1	-				
				1951	Mar. 30, 1951	23.60	43,900
1941	Dec. 16, 1940	11.1	-	1952	Dec. 28, 1951	17.28	17,800
1942	Mar. 20, 1942	15.5	-	1953	Feb. 23, 1953	b18.84	25,000
				1954	Jan. 25, 1954	15.49	15,100
1944	Mar. 29, 1944	24.8	-	1955	Mar. 23, 1955	26.2	73,000
1946	Feb. 11, 1946	22.52	36,500	1957	Feb. 2, 1957	23.0	-
1947	Jan. 4, 1947	17.93	18,700				

a Maximum observed; may have been higher prior to the beginning of record.
b Occurred at different time than peak discharge.

4340. Oldtown Creek at Tupelo, Miss.

Location.--Lat 34°17'40", long 88°42'35", in SW¼SE¼, sec.18, T.9 S., R.6 E., Chickasaw meridian, at bridge on U.S. Highway 45, half a mile north of city limits of Tupelo, three-quarters of a mile upstream from Gulf, Mobile and Ohio Railroad bridge, and 4 miles upstream from Mud Creek.

Drainage area.--112 sq mi.

Gage.--Nonrecording prior to July 23, 1949; recording thereafter. Altitude of gage is 250 ft (from topographic map). Prior to Mar. 15, 1949, at site 2¾ miles downstream at datum 235.9 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 12,000 cfs at present site, and below 9,200 cfs at former site.

Bankfull stage.--22 ft.

Historical data.--The flood of March 1955 is the greatest known in the vicinity of U.S. Highway 78 according to information by local residents.

Remarks.--Channel has been canalized. At stage of approximately 20 ft (former site and datum), overbank flow from Mud Creek combines with that of Oldtown Creek above the gage. Base for partial-duration series, 6,000 cfs. Intermittent gage heights March 1939 to September 1943; daily gage heights October 1946 to March 1947 and March 1949 to September 1961 furnished by Corps of Engineers.

Peak stages and discharges of Oldtown Creek at Tupelo, Miss.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Apr. 6, 1939	23.3	ab7,250	1953	Feb. 21, 1953	24.09	7,330
1940	Mar. 14, 1940	20.6	ab3,560		Mar. 23, 1953	23.74	6,730
1941	Nov. 1, 1940	17.1	2,360	1954	Feb. 20, 1954	21.88	5,270
1942	Mar. 17, 1942	22.0	4,660	1955	Mar. 21, 1955	27.72	23,000
1943	Dec. 27, 1942	20.3	3,390		Apr. 13, 1955	23.45	8,080
1944	Mar. 28, 1944	24.34	12,600	1956	Feb. 18, 1956	23.19	7,250
1945	Jan. 1, 1945	22.63	5,450		Apr. 4, 1956	22.71	6,030
1946	Jan. 8, 1946	23.90	10,200		Apr. 30, 1956	24.40	11,400
	Feb. 9, 1946	23.70	9,100	1957	Feb. 1, 1957	24.20	9,800
1949	-	25.5	a11,000	1958	Nov. 14, 1957	25.69	15,800
1950	Jan. 5, 1950	24.4	a8,040		Nov. 16, 1957	23.87	8,500
1951	Jan. 3, 1951	26.01	a13,000		Sept.21, 1957	24.12	9,400
1952	Dec. 26, 1951	24.48	8,320	1959	June 10, 1959	23.70	5,500
				1960	Mar. 3, 1960	23.98	6,400
				1961	Mar. 8, 1961	23.72	5,560

a Annual peak only. b May have been higher during period of no gage-height record.

4342.5. Tishomingo Creek near Saltillo, Miss.

Location.--Lat 34°24'25", long 88°45'30", on section line of secs. 2 and 11, T.8 S., R.5 E., Chickasaw meridian, at bridge on county road, 5 miles northwest of Saltillo.

Drainage area.--17.1 sq mi.

Gage.--Recording.

Stage-discharge relation.--Defined by current-meter measurements below 1,800 cfs.

Bankfull stage.--11.5 ft.

Remarks.--Only annual peaks are shown. Records furnished by Corps of Engineers.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950	June 3, 1950	7.65	3,680	1956	Feb. 18, 1956	-	-
1951	Mar. 28, 1951	8.61	4,790	1957	June 4, 1957	8.55	2,880
1952	Dec. 25, 1951	7.65	3,270	1958	Nov. 14, 1957	10.20	2,050
1953	Feb. 20, 1953	7.84	3,420	1959	June 9, 1959	9.35	1,840
1954	Jan. 21, 1954	7.20	2,150	1960	Mar. 2, 1960	9.12	1,780
1955	Mar. 21, 1955	10.58	4,580	1961	Mar. 8, 1961	9.85	1,960

4345. Euclautubba Creek at Saltillo, Miss.

Location.--Lat 34°22'20", long 88°42'00", in SW¼NW¼ sec.20, T.8 S., R.6 E., Chickasaw meridian, at bridge on U.S. Highway 45 at Saltillo, a quarter of a mile downstream from Flat Creek and 2¼ miles upstream from mouth.

Drainage area.--19.7 sq mi.

Gage.--Recording.

Stage-discharge relation.--Defined by current-meter measurements below 2,000 cfs; occasional large shifts in relation occur.

Bankfull stage.--11 ft.

Remarks.--Base for partial-duration series, 2,000 cfs. Gage heights and occasional discharge measurements furnished by Corps of Engineers.

Peak stages and discharges of Euclautubba Creek at Saltillo, Miss.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1949	-	ab13.4	-	1955	Mar. 21, 1955	14.53	-
1950	Sept. 2, 1950	b13.14	-	1956	Apr. 4, 1956	13.14	2,220
1951	Jan. 3, 1951	b13.65	-	1957	Feb. 1, 1957	13.02	1,990
1952	Dec. 20, 1951	12.68	2,200	1958	Nov. 14, 1957	14.26	4,860
	Dec. 26, 1951	13.33	3,240		Nov. 16, 1957	13.40	2,760
	Jan. 9, 1952	12.72	2,200		Sept.20, 1958	13.77	3,560
1953	Feb. 11, 1953	12.71	2,200	1959	June 9, 1959	12.92	1,810
	Feb. 20, 1953	13.08	2,840				
	Mar. 22, 1953	13.48	3,480	1960	Dec. 18, 1959	13.05	2,040
	Apr. 12, 1953	13.03	2,760		Mar. 2, 1960	13.11	2,160
	July 21, 1953	12.72	2,200				
				1961	Mar. 8, 1961	13.26	2,470
1954	Feb. 20, 1954	a12.89	1,600				

a From floodmark. b Annual peak only.
b Annual peak only.

4350. Mud Creek at Tupelo, Miss.

Location.--Lat 34°15'25", long 88°41'05", in NE¼ sec.32, T.9 S., R.6 E., Chickasaw meridian, at bridge on U.S. Highway 78 in East Tupelo, 1½ miles upstream from mouth.

Drainage area.--92 sq mi.

Gage.--Nonrecording. Datum of gage is 236.52 ft above mean sea level, datum of 1929 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements. Above flood stage, relation is affected by Oldtown Creek.

Bankfull stage.--20 ft.

Historical data.--Maximum known flood, 26.0 ft, Mar. 21, 1955; estimated discharge for entire valley (Oldtown Creek and Mud Creek), 57,000 cfs.

Remarks.--Mud Creek and Oldtown Creek overflow into the same flood plain above station which may result in natural diversion from one stream to the other at flood stages. Only annual peaks are shown. Gage-height record and discharge measurements furnished by Corps of Engineers.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	May 22, 1939	21.6	a3,920	1944	Mar. 28, 1944	23.2	7,610
1940	Mar. 13, 1940	20.0	a2,670	1945	Jan. 1, 1945	22.15	4,810
1941	Nov. 1, 1940	17.4	a1,900	1946	Feb. 9, 1946	23.44	8,610
1942	Mar. 17, 1942	22.0	4,460	1947	Apr. 11, 1947	22.32	a5,000
1943	Dec.27,28,1942	21.2	3,500	1948	Feb. 13, 1948	24.4	-

a Record incomplete; may not be the annual peak.

4351. Truck Stop ditch near Tupelo, Miss.

Location.--Lat 34°17'30", long 88°45'20", in NE¼NE¼NE¼ sec.22, T.9 S., R.5 E., Chickasaw meridian, at upstream side of culvert on U.S. Highway 78, 2.6 miles west of intersection of U.S. Highways 45 and 78 in Tupelo.

Drainage area.--0.225 sq mi; shape of basin (length divided by average width), 2.09; mean altitude of basin, 310 ft; slope of basin, 0.011; cover of basin, pasture.

Gage.--Crest-stage gage. Altitude of gage is 300 ft (from topographic map).

Stage-discharge relation.--Theoretical rating and crest-stage gage readings.

Bankfull stage.--No defined channel.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Mar. 21, 1955	17.67	242	1959	June 9, 1959	16.64	156
				1960	Dec. 27, 1959	17.17	211
1956	-	16.47	166				
1957	Apr. 4, 1957	18.34	296	1961	Aug. 15, 1961	16.89	180
1958	Nov. 15, 1957	15.97	119				

4353. Cow Pike Pass near Tupelo, Miss.

Location.--Lat 34°15'50", long 88°37'10", in SW¼SE¼SE¼ sec.25, T.9 S., R.6 E., Chickasaw meridian, at upstream side of culvert on U.S. Highway 78, 5½ miles east of Tupelo.

Drainage area.--0.137 sq mi; shape of basin (length divided by average width), 2.37; mean altitude of basin, 350 ft; slope of basin, 0.030; cover of basin, mixed timber, pasture and row crops.

Gage.--Crest-stage gage. Altitude of gage is 310 ft (from topographic map).

Stage-discharge relation.--Theoretical rating and crest-stage gage readings.

Bankfull stage.--No defined channel.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Mar. 21, 1955	9.56	160	1959	-	7.93	95
				1960	Dec. 27, 1959	10.30	192
1956	-	8.10	102				
1957	July 1, 1957	9.03	138	1961	Aug. 15, 1961	13.28	284
1958	-	10.35	195				

4354. Clear Branch near Tupelo, Miss.

Location.--Lat 34°15'30", long 88°39'30", in SW¼SE¼NW¼ sec.34, T.9 S., R.6 E., Chickasaw meridian, at upstream side of culvert on U.S. Highway 78, 1.3 miles east of Tupelo.

Drainage area.--0.750 sq mi; shape of basin (length divided by average width), 4.32; mean altitude of basin, 340 ft; slope of basin, 0.013; cover of basin, mixed timber and pasture.

Gage.--Crest-stage gage. Altitude of gage is 285 ft (from topographic map).

Stage-discharge relation.--Theoretical rating and crest-stage gage readings.

Bankfull stage.--No defined channel.

Remarks.--Only annual peaks are shown.

Peak stages and discharges of Clear Branch near Tupelo, Miss.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Mar. 21, 1955	6.30	269	1959	Feb. 13, 1959	(a)	-
				1960	Dec. 27, 1959	5.32	155
1956	-	5.07	155				
1957	July 1, 1957	5.61	208	1961	Aug. 15, 1961	6.90	334
1958	Nov. 15, 1957	5.04	133				

a About 3½ ft, based on stage downstream from culvert.

4355. Oldtown Creek near Verona, Miss.

Location.--Lat 34°12', long 88°41', in SW¼ sec.21, T.10 S., R.6 E., Chickasaw meridian, at bridge on Verona-Plantersville road, 1 mile downstream from Tulip Creek, 1¼ miles southwest of Plantersville, 2¼ miles east of Verona, and 3 miles downstream from Mud Creek.

Drainage area.--263 sq mi.

Gage.--Nonrecording prior to September 1943; recording thereafter. Datum of gage is 221.00 ft above mean sea level, datum of 1929 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 18,000 cfs.

Bankfull stage.--21 ft.

Remarks.--Only annual peaks are shown. Gage heights and occasional discharge measurements furnished by Corps of Engineers.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1941	Nov. 1, 1940	24.0	7,300	1952	Mar. 10, 1952	21.85	5,400
1942	Mar. 17, 1942	25.2	9,000	1953	Feb. 21, 1953	25.6	14,000
1943	Mar. 13, 1943	25.9	10,800	1954	Jan. 22, 1954	23.0	6,300
1944	Mar. 28, 1944	26.42	11,400	1955	Mar. 21, 1955	29.4	70,000
1945	Jan. 1, 1945	26.16	10,800				
				1956	May 1, 1956	26.7	14,500
1946	Jan. 8, 1946	27.80	20,300	1957	Feb. 1, 1957	27.0	18,000
1947	Apr. 11, 1947	26.50	13,200	1958	Nov. 14, 1957	28.0	30,000
1948	Feb. 13, 1948	28.1	32,000	1959	June 11, 1959	25.9	9,800
1949	Nov. 19, 1948	28.2	34,000	1960	Dec. 18, 1959	27.0	17,100
1950	Jan. 6, 1950	27.0	18,000				
				1961	Mar. 9, 1961	26.70	8,470
1951	Jan. 4, 1951	28.1	32,000				

4358. Coonewar Creek at Shannon, Miss.

Location.--Lat 34°08', long 88°43', in SE¼ sec.12, T.11 S., R.5 E., Chickasaw meridian, on U.S. Highway 45, 1 mile north of Shannon.

Drainage area.--55.6 sq mi.

Gage.--Crest-stage gage. Datum of gage is 229.67 ft above mean sea level (levels by Corps of Engineers from State Highway bench mark).

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--13½ ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	Dec. 26, 1951	a16.9	8,600	1957	Feb. 1, 1957	16.17	6,360
1953	Feb. 20, 1953	16.43	7,090	1958	Nov. 16, 1957	17.83	12,600
1954	Feb. 20, 1954	14.42	3,050	1959	June 9, 1959	14.83	3,700
1955	Mar. 21, 1955	18.70	18,100	1960	Dec. 27, 1959	16.62	7,660
1956	Apr. 30, 1956	15.58	4,790	1961	Feb. 21, 1961	15.33	4,430

a Doubtful; may have been higher.

4359.2. Cotton Gin Branch near Tupelo, Miss.

Location.--Lat 34°14'00", long 88°50'20", in SE¼SW¼SW¼ sec.1, T.10 S., R.4 E., Chickasaw meridian, at upstream side of culvert on State Highway 6, 7½ miles west of Tupelo.

Drainage area.--0.233 sq mi; shape of basin (length divided by average width), 4.73; cover of basin, 77 percent cultivated and rest in timber.

Gage.--Crest-stage gage.

Stage-discharge relation.--Theoretical rating and crest-stage gage readings.

Bankfull stage.--No defined channel.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Mar. 21, 1955	17.88	195	1959	June 9, 1959	18.01	205
				1960	Dec. 27, 1959	18.34	234
1956	-	17.21	140				
1957	Apr. 4, 1957	18.69	266	1961	Dec. 29, 1960	16.19	71
1958	Nov. 15, 1957	17.27	145				

4359.3. Shell Creek near Tupelo, Miss.

Location.--Lat 34°14'20", long 88°49'10", in NW¼SE¼SW¼ sec.6, T.10 S., R.5 E., Chickasaw meridian, at upstream side of culvert on State Highway 6, 6.6 miles west of State Highway 6 and U.S. Highway 45 intersection in Tupelo.

Drainage area.--0.195 sq mi; shape of basin (length divided by average width), 3.28; cover of basin, 12 percent woods and rest in pasture or cultivation.

Gage.--Crest-stage gage.

Stage-discharge relation.--Theoretical rating and crest-stage gage readings.

Bankfull stage.--No defined channel.

Remarks.--Only annual peaks are shown.

Peak stages and discharges of Shell Creek near Tupelo, Miss.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Mar. 21, 1955	17.18	149	1959	June 9, 1959	16.31	100
				1960	Dec. 27, 1959	16.53	111
1956	-	16.62	117				
1957	June 4, 1957	19.01	275	1961	Feb. 21, 1961	14.94	37
1958	Nov. 15, 1957	15.78	73				

4360. Chiwapa Creek at Shannon, Miss.

Location.--Lat 34°06'35", long 88°43'25", in SE¼ sec.24, T.11 S., R.5 E., Chickasaw meridian, at bridge on U.S. Highway 45W, at Shannon, 4½ miles upstream from mouth and 9½ miles downstream from Bob Miller Creek.

Drainage area.--136 sq mi.

Gage.--Recording. Datum of gage is 226.96 ft above mean sea level (Mississippi Highway Department bench mark).

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--11 ft.

Remarks.--Base for partial-duration series, 7,000 cfs. Channel has been canalized. Gage heights for 1950 and 1951 furnished by Corps of Engineers.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950	Sept. 3, 1950	13.41	a11,000	1957	Feb. 1, 1957	13.85	12,400
					Apr. 8, 1957	13.02	7,840
1951	Jan. 3, 1951	13.93	a13,600				
				1958	Nov. 14, 1957	14.50	18,100
1952	Dec. 20, 1951	12.52	7,200		Nov. 16, 1957	13.15	8,450
	Dec. 26, 1951	13.59	12,000		Nov. 18, 1957	12.80	7,130
1953	Feb. 21, 1953	13.44	9,880	1959	June 10, 1959	13.71	11,400
1954	May 1, 1954	12.30	5,690	1960	Dec. 18, 1959	13.59	10,900
					Mar. 2, 1960	12.90	8,700
1955	Mar. 21, 1955	15.72	35,500				
	May 29, 1955	13.00	7,840	1961	Feb. 21, 1961	12.75	8,250
1956	Apr. 30, 1956	13.4	9,600				

a Annual peak only.

4365. West Fork Tombigbee River near Nettleton, Miss.

Location.--Lat 34°03'32", long 88°37'40", in NW¼ sec.12, T.12 S., R.6 E., Chickasaw meridian, at bridge on U.S. Highway 45, 1.9 miles downstream from Tallabinnela Creek and 2.1 miles south of Nettleton.

Drainage area.--617 sq mi.

Gage.--Recording. Datum of gage is 194.01 ft above mean sea level, datum of 1929. Prior to Oct. 1, 1947, at datum 10.00 ft higher.

Stage-discharge relation.--Defined by current-meter measurements below 64,000 cfs, and by slope-area measurement at 151,000 cfs. Channel cleaning operations have caused moderate shifts. Occasional backwater from East Fork Tombigbee River.

Bankfull stage.--25 ft, present daum.

Historical data.--Maximum stage known since at least 1892 occurred Mar. 22, 1955. Flood of Dec. 24, 1926, reached a stage of 32.5 ft, present datum.

Remarks.--Base for partial-duration series, 15,000 cfs.

Peak stages and discharges of West Fork Tombigbee River near Nettleton, Miss.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1940	Mar. 13, 1940	18.18	15,000	1950	Mar. 13, 1950	28.28	36,400
	Apr. 19, 1940	19.02	19,600				
				1951	Jan. 4, 1951	28.19	35,300
1941	Dec. 16, 1940	17.68	12,200		Feb. 1, 1951	26.04	17,600
					Mar. 29, 1951	29.31	49,200
1942	Feb. 24, 1942	17.40	15,100				
	Mar. 17, 1942	18.66	22,900	1952	Dec. 26, 1951	27.01	24,300
1943	Dec. 28, 1942	18.29	20,400	1953	Feb. 21, 1953	27.82	31,200
	Mar. 13, 1943	18.90	24,200		Mar. 23, 1953	25.87	17,100
					Apr. 30, 1953	25.45	15,400
1944	Feb. 27, 1944	18.71	24,700				
	Mar. 28, 1944	21.18	48,400	1954	Jan. 22, 1954	25.30	15,200
	Apr. 11, 1944	18.15	19,700		Feb. 20, 1954	25.23	15,000
	May 5, 1944	18.22	20,200				
				1955	Feb. 22, 1955	25.72	16,300
1945	Jan. 1, 1945	18.40	17,700		Mar. 22, 1955	33.88	151,000
	Mar. 4, 1945	18.47	18,100		Apr. 13, 1955	27.50	28,500
					May 22, 1955	25.89	17,100
1946	Jan. 8, 1946	19.73	29,000		May 29, 1955	26.87	23,500
	Feb. 10, 1946	19.97	31,600				
	Mar. 29, 1946	18.23	18,400	1956	Feb. 4, 1956	26.11	18,100
	May 26, 1946	17.80	16,200		Apr. 6, 1956	26.17	18,700
					May 1, 1956	26.82	22,700
1947	Jan. 3, 1947	18.04	17,200				
	Apr. 12, 1947	18.24	22,000	1957	Feb. 1, 1957	28.70	35,800
1948	Feb. 14, 1948	30.74	56,300	1958	Nov. 14, 1957	28.90	28,900
	Mar. 17, 1948	29.25	31,000		Dec. 20, 1957	25.52	15,000
	Apr. 14, 1948	26.77	15,000		Apr. 29, 1958	25.85	15,900
					Sept.21, 1958	-	(a)
1949	Nov. 20, 1948	29.05	34,000				
	Nov. 28, 1948	26.73	15,600	1959	Feb. 13, 1959	26.14	16,800
	Jan. 5, 1949	29.37	39,400				
	Jan. 22, 1949	27.74	21,900	1960	Dec. 19, 1959	28.18	24,800
	Mar. 27, 1949	28.45	27,400		Mar. 3, 1960	27.95	23,800
1950	Jan. 6, 1950	26.88	23,500	1961	Feb. 21, 1961	28.30	23,200
	Feb. 14, 1950	27.25	25,900		Mar. 31, 1961	26.67	17,400

a Not determined; above base discharge.

4370. Tombigbee River near Amory, Miss.

Location.--Lat 33°59'10", long 88°33'05", in NE¼ sec.3, T.13 S., R.7 E., Chickasaw meridian, at bridge on State Highway 41, 0.3 mile downstream from confluence of West and East Forks of Tombigbee River and 3½ miles west of Amory.

Drainage area.--1,941 sq mi.

Gage.--Nonrecording prior to Oct. 17, 1948; recording thereafter. At site 1,500 ft upstream prior to Oct. 10, 1939. Datum of gage is 178.34 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements. Discharge computed using fall, as determined from gage near Aberdeen, as a factor since 1950.

Historical data.--The flood of April 1892 reached a stage of 33½ft, and the flood of December 1926 reached a stage of 31½ ft, from Corps of Engineers flood profiles.

Remarks.--Only annual peaks are shown. Gage-height record and occasional discharge measurements furnished by Corps of Engineers.

Peak stages and discharges of Tombigbee River near Amory, Miss.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	Mar. 11, 1938	23.1	-	1951	Mar. 30, 1951	30.85	64,700
	Apr. 9, 1938	-	15,700	1952	Dec. 27, 1951	a26.12	36,900
1939	June 18, 1939	25.8	28,800	1953	Feb. 22, 1953	a27.04	42,800
1940	Apr. 20, 1940	24.3	27,500	1954	Jan. 22, 1954	a22.12	23,600
				1955	Mar. 22, 1955	a34.47	126,000
1941	Dec. 17, 1940	19.9	12,700				
1942	Mar. 18, 1942	21.9	18,200	1956	Apr. 7, 1956	a23.42	25,500
1943	Mar. 14, 1943	23.5	24,300	1957	Feb. 3, 1957	a30.07	54,700
1944	Mar. 30, 1944	31.65	67,800	1958	Nov. 18, 1957	a30.34	55,800
1945	Mar. 5, 1945	25.11	31,200	1959	Feb. 13, 1959	22.23	15,500
				1960	Mar. 3, 1960	24.91	23,400
1946	Jan. 9, 1946	30.08	58,800				
1947	Jan. 4, 1947	25.78	34,700	1961	Feb. 22, 1961	26.82	31,700
1948	Feb. 14, 1948	32.55	89,100				
1949	Jan. 6, 1949	31.44	73,300				
1950	Feb. 15, 1950	a27.53	42,600				

a Occurred at different time than peak discharge.

4373. Mattubby Creek near Aberdeen, Miss.

Location.--Lat 33°52', long 88°36', in SE¼SE¼ sec.7, T.14 S., R.7 E., Chickasaw meridian, at bridge on U.S. Highway 45, 1½ miles upstream from Wolf Creek and 4 miles northwest of Aberdeen.

Drainage area.--91 sq mi.

Gage.--Crest-stage gage, assumed datum.

Stage-discharge relation.--Defined by current-meter measurements below 7,300 cfs and extended above by a slope-conveyance study.

Bankfull stage.--90 ft.

Historical data.--The highest flood since 1925 occurred in January 1937 and reached a stage of 98.2 ft upstream from bridge and 96.4 ft downstream from bridge in place in 1953 (estimated discharge, 15,500 cfs). Stage determined by levels to points identified by a local resident.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	Dec. 26, 1951	93.66	7,870	1957	Feb. 1, 1957	92.59	4,900
1953	Feb. 20, 1953	93.63	7,780	1958	Nov. 16, 1957	94.60	10,500
1954	May 3, 1954	92.83	5,530	1959	Feb. 13, 1959	93.38	7,070
1955	Mar. 21, 1955	93.61	7,720	1960	Mar. 3, 1960	90.99	2,120
1956	Apr. 4, 1956	92.07	3,640	1961	Feb. 21, 1961	95.12	13,200

4375. Tombigbee River at Aberdeen, Miss.

Location.--Lat 33°49'14", long 88°31'07", in N½ sec.27, T.14 S., R.19 W., Huntsville meridian, at bridge on U.S. Highway 45, 1.3 miles downstream from St. Louis-San Francisco Railway bridge, 1.5 miles east of Aberdeen, and 2 miles downstream from Mattubby Creek.

Drainage area.--2,210 sq mi, approximately.

Gage.--U.S. Geological Survey: August 1928 to Nov. 3, 1934, nonrecording at railroad bridge 1.3 miles upstream from present site and at present datum. Nov. 4, 1934, to September 1961, nonrecording prior to Aug. 31, 1939, recording thereafter. Datum of gage is 154.71 ft above mean sea level, datum of 1929. Oct. 1, 1941, to Sept. 30, 1948, auxiliary nonrecording gage for slope determination located 4.4 miles downstream. Datum of gage is 152.91 ft above mean sea level, datum of 1929. Since Oct. 1, 1948, water-stage recorder for station at Amory, 20 miles upstream, has been used as auxiliary gage. Datum of this gage is 178.34 ft above mean sea level.
U.S. Weather Bureau: Jan. 1, 1909, to date; nonrecording gage read once daily at railroad bridge 1.3 miles upstream from present U.S. Geological Survey recording gage and at same datum; prior to Jan. 1, 1930, at datum 4.0 ft higher.

Stage-discharge relation.--Defined by current-meter measurements below 93,000 cfs; affected by fall. Discharge since Oct. 1, 1941, computed by using fall as a factor. Annual discharge maxima prior to 1929 computed from rating curve drawn as an average of all available high-water measurements made between 1929 and 1958.

Bankfull stage.--33 ft.

Historical data.--Flood of Mar. 23, 1955, exceeded the previously known maximum flood of Apr. 20, 1892, by 0.5 ft at former site, reaching a stage of 45.3 ft, present datum, from U.S. Weather Bureau.

Remarks.--Only annual peaks are shown. Gage heights are listed to the present datum. Prior to Nov. 4, 1934, they represent stages at railroad bridge 1.3 miles upstream. Gage heights Jan. 1, 1909, to August 1928, furnished by U.S. Weather Bureau.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1892	Apr. 20, 1892	44.8	98,000	1935	Mar. 14, 1935	34.6	21,100
1909	Feb. 27, 1909	35.4	20,000	1936	Apr. 11, 1936	34.8	21,300
1910	July 10, 1910	34.1	17,600	1937	Jan. 25, 1937	34.6	20,900
				1938	Apr. 10, 1938	30.84	14,000
1911	Apr. 22, 1911	39.3	32,500	1939	June 20, 1939	35.40	22,800
1912	Apr. 19, 1912	36.9	23,200	1940	Apr. 22, 1940	33.89	19,800
1913	Jan. 30, 1913	34.5	18,400				
1914	Apr. 4, 1914	37.0	23,500	1941	Dec. 18, 1940	26.93	10,500
1915	Feb. 5, 1915	33.9	17,200	1942	Mar. 19, 1942	a28.97	14,200
				1943	Mar. 15, 1943	a32.80	19,300
1916	July 10, 1916	40.8	40,000	1944	Mar. 30, 1944	a40.99	68,600
1917	Apr. 8, 1917	34.0	17,400	1945	Mar. 6, 1945	36.82	29,000
1918	Feb. 1, 1918	23.0	7,000				
1919	Mar. 20, 1919	39.6	34,000	1946	Jan. 10, 1946	a39.92	58,900
1920	Mar. 15, 1920	40.2	37,000	1947	Jan. 4, 1947	a37.03	28,600
				1948	Feb. 15, 1948	42.04	97,000
1921	Apr. 19, 1921	39.1	31,500	1949	Jan. 6, 1949	a41.42	78,600
1922	Mar. 5, 1922	37.5	25,000	1950	Feb. 16, 1950	a38.58	39,800
1923	Mar. 25, 1923	35.4	20,000				
1924	Mar. 6, 1924	37.8	26,200	1951	Mar. 31, 1951	a40.60	64,300
1925	Mar. 18, 1925	23.4	7,200	1952	Dec. 28, 1951	a36.6	25,000
				1953	Feb. 22, 1953	a37.08	27,900
1926	Nov. 9, 1925	36.9	23,200	1954	Jan. 23, 1954	a29.59	14,100
1927	Dec. 27, 1926	43.2	70,000	1955	Mar. 23, 1955	42.9	106,000
1928	Apr. 25, 1928	39.4	33,000				
1929	Mar. 25, 1929	39.18	31,100	1956	Apr. 12, 1956	a34.30	19,800
1930	May 21, 1930	36.07	20,700	1957	Feb. 3, 1957	a39.96	49,800
				1958	Nov. 19, 1957	a40.74	61,900
1931	Feb. 27, 1931	26.50	9,780	1959	Feb. 3, 1959	39.96	49,800
1932	Dec. 16, 1931	39.61	33,100	1960	Mar. 5, 1960	35.10	19,000
1933	Dec. 15, 1932	38.40	27,800				
1934	Mar. 5, 1934	34.00	16,600	1961	Feb. 23, 1961	38.03	28,000

a Occurred at different time than peak discharge.

4380. Buttahatchee River below Hamilton, Ala.

Location.--Lat 34°06', long 87°58', on line between secs. 14 and 15, T.11 S., R.14 W., near right bank on downstream side of pier of bridge on U.S. Highway 78, half a mile downstream from Woods Creek and 2 miles south of Hamilton.

Drainage area.--284 sq mi.

Gage.--Recording prior to July 7, 1953, and since June 10, 1954; nonrecording July 7, 1953, to July 10, 1954. Datum of gage is 360.50 ft above mean sea level, datum of 1929 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 7,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Feb. 1, 1951	26.1	23,800	1955	Mar. 21, 1955	22.1	17,200
	Mar. 29, 1951	26.3	24,200				
				1956	Feb. 3, 1956	18.9	13,500
1952	Dec. 8, 1951	23.46	20,200		Apr. 6, 1956	16.0	10,400
	Dec. 15, 1951	14.30	9,170				
	Dec. 20, 1951	18.96	14,400	1957	Dec. 13, 1956	15.9	10,300
	Dec. 26, 1951	14.76	9,670		Jan. 4, 1957	13.8	8,270
	Mar. 10, 1952	15.77	10,800		Jan. 31, 1957	16.6	11,000
1953	Feb. 12, 1953	12.4	7,260	1958	Nov. 17, 1957	15.8	10,200
	Feb. 21, 1953	18.8	14,100		Sept.21, 1958	14.4	8,830
	Apr. 30, 1953	20.1	15,600				
				1959	Feb. 13, 1959	9.5	4,770
1954	Jan. 16, 1954	16.7	11,100				
	Jan. 22, 1954	20.3	15,100	1960	Mar. 2, 1960	20.2	14,900
	Apr. 16, 1954	14.5	8,920				
				1961	Feb. 21, 1961	20.58	15,400
1955	Dec. 29, 1954	21.15	16,100		Mar. 31, 1961	12.61	7,220
	Feb. 22, 1955	14.60	9,020				

4385. Buttahatchee River near Hamilton, Ala.

Location.--Lat 34°03', long 88°01', in sec.4, T.12 S., R.14 W., at Stock Springs, three-quarters of a mile downstream from county line, 7 miles downstream from Woods Creek, and 7 miles south of Hamilton.

Drainage area.--316 sq mi.

Gage.--Nonrecording prior to Nov. 22, 1941; recording thereafter. Datum of gage is 333.84 ft above mean sea level, datum of 1929 (Corps of Engineers bench mark).

Stage-discharge relation.--Defined by current-meter measurements. Affected by rate of change in stage.

Bankfull stage.--23 ft.

Remarks.--Base for partial-duration series, 7,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1942	Feb. 16, 1942	16.90	4,740	1947	Jan. 1, 1947	20.57	7,900
					Apr. 11, 1947	24.00	12,500
1943	Dec. 28, 1942	20.60	8,200				
	Dec. 28, 1942	20.72	-	1948	Feb. 12, 1948	26.1	17,300
1944	Feb. 27, 1944	23.26	11,180	1949	Nov. 28, 1948	21.08	8,410
	Mar. 7, 1944	20.41	7,700		Jan. 5, 1949	28.1	22,100
	Mar. 28, 1944	27.50	20,600		Jan. 22, 1949	21.30	8,630
	Apr. 11, 1944	19.66	7,030		Mar. 25, 1949	20.38	7,700
					Mar. 31, 1949	22.53	10,000
1945	Feb. 13, 1945	19.98	7,300				
	Feb. 22, 1945	25.25	15,200	1950	Jan. 6, 1950	28.4	22,800
	Mar. 4, 1945	23.60	11,700		Feb. 14, 1950	25.37	16,100
					Mar. 13, 1950	23.95	12,500
1946	Jan. 8, 1946	27.77	21,300		Aug. 31, 1950	19.76	7,120
	Feb. 10, 1946	24.68	14,100				

4390. Buttahatchee River near Sulligent, Ala.

Location.--Lat 33°55', long 88°09', in NE¼ sec.19, T.13 S., R.15 W., at bridge on State Highway 17, 1 mile upstream from Bogue Creek, 1½ miles northwest of Sulligent, and 2 miles downstream from Beaver Creek.

Drainage area.--472 sq mi.

Gage.--Nonrecording. Prior to June 1, 1942, 500 ft upstream at datum 1.00 ft higher; since Nov. 3, 1948, supplementary nonrecording gage on side channel at datum 10.00 ft lower. Datum of gage is 287.58 ft above mean sea level, datum of 1929, supplementary adjustment of 1941.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--13 ft.

Remarks.--Base for partial-duration series, 4,000 cfs. Only annual peaks are shown prior to 1948. Discharge is summation of flow in main and side channels, and includes flow of unnamed tributary entering river from left bank a short distance downstream from station.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	May 23, 1939	13.6	a3,470	1952	Dec. 21, 1951	14.3	11,700
1940	Mar. 4, 1940	13.8	3,640		Dec. 27, 1951	14.2	7,960
					Mar. 12, 1952	14.1	7,740
1941	Mar. 8, 1941	13.5	3,390				
1942	Feb. 18, 1942	12.9	3,470	1953	Feb. 13, 1953	14.1	6,110
1943	Dec. 29, 1942	13.93	6,920		Feb. 22, 1953	14.2	9,010
1944	Mar. 29, 1944	15.21	26,000		May 1, 1953	14.2	11,400
1945	Feb. 23, 1945	14.45	11,200		May 5, 1953	14.1	6,580
1946	Jan. 8, 1946	15.5	33,000	1954	Jan. 17, 1954	14.4	9,880
1947	Apr. 12, 1947	14.4	11,800		Jan. 23, 1954	14.5	12,700
					Apr. 18, 1954	14.4	11,100
1948	Feb. 13, 1948	15.1	25,400				
	Mar. 5, 1948	-	4,200	1955	Dec. 30, 1954	14.95	17,700
	Mar. 8, 1948	-	4,900		Feb. 8, 1955	14.40	5,810
	Mar. 17, 1948	-	4,000		Feb. 23, 1955	14.58	10,100
	Mar. 23, 1948	-	7,350		Mar. 22, 1955	14.70	16,800
	Apr. 1, 1948	-	6,750		Apr. 14, 1955	14.17	4,040
1949	Nov. 29, 1948	-	9,490	1956	Feb. 4, 1956	14.7	14,200
	Jan. 5, 1949	15.5	27,400		Feb. 21, 1956	14.4	6,500
	Jan. 23, 1949	-	11,200		Mar. 17, 1956	14.4	6,000
	Feb. 5, 1949	-	5,410		Apr. 8, 1956	14.1	12,200
	Feb. 18, 1949	-	4,160				
	Mar. 28, 1949	-	5,200	1957	Dec. 14, 1956	14.8	12,200
	Apr. 1, 1949	-	9,200		Dec. 24, 1956	14.5	8,270
					Jan. 6, 1957	14.6	8,710
1950	Jan. 7, 1950	16.4	32,800		Feb. 2, 1957	14.6	8,710
	Feb. 3, 1950	-	6,140				
	Feb. 15, 1950	-	15,200	1958	Nov. 19, 1957	14.7	11,500
	Mar. 14, 1950	-	13,400		Apr. 30, 1958	14.11	4,580
	Sept. 1, 1950	-	4,090		May 6, 1958	14.1	4,910
					July 10, 1958	12.1	4,900
1951	Jan. 5, 1951	13.7	4,040		Sept.23, 1958	14.5	8,270
	Feb. 1, 1951	-	(b)				
	Mar. 29, 1951	15.7	29,700	1959	Jan. 17, 1959	14.1	4,110
	Apr. 23, 1951	14.0	7,880		Jan. 22, 1959	-	(b)
					Feb. 14, 1959	14.9	7,300
1952	Dec. 9, 1951	14.6	16,000		Apr.20,21,1959	14.3	4,650
	Dec. 16, 1951	14.2	7,960				

a Maximum during period March to September.
b Stage and discharge not determined.

4395. Buttahatchee River near Caledonia, Miss.

Location.--Lat 33°42'10", long 88°20'50", in SW¼ sec.5, T.16 S., R.17 W., Huntsville meridian, at county road 600 ft downstream from Elbethel Creek, 2 miles northwest of Caledonia, 2 miles upstream from Dry Creek, and 19 miles upstream from mouth.

Drainage area.--823 sq mi.

Gage.--Nonrecording. Datum of gage is 198.59 ft above mean sea level, datum of 1929. Datum of gage was changed on June 1, 1932; all gage heights have been reduced to the same datum.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 6,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1916	July 1916	22.5	-	1945	Feb. 16, 1945	13.3	8,080
1929	Jan. 28, 1929	13.4	8,490		Feb. 24, 1945	16.5	19,300
	Mar. 17, 1929	14.9	14,500		Mar. 6, 1945	15.8	16,500
	Mar. 25, 1929	16.3	24,700	1946	Jan. 9, 1946	17.62	24,700
1930	Nov. 15, 1929	16.7	29,600		Feb. 11, 1946	17.38	23,700
	May 21, 1930	15.1	15,500	1947	Jan. 4, 1947	14.90	12,900
1931	Mar. 31, 1931	12.6	7,350		Mar. 10, 1947	12.55	6,870
1932	Feb. 18, 1932	14.7	a13,100		Apr. 14, 1947	15.50	15,300
1938	April 1938	b14.0	11,400	1948	Feb. 15, 1948	17.50	24,200
1939	Mar. 2, 1939	14.2	c12,000		Mar. 10, 1948	12.4	6,580
1940	Mar. 6, 1940	13.3	9,370		Apr. 3, 1948	11.96	6,040
	Mar. 16, 1940	11.9	6,430	1949	Jan. 6, 1949	18.65	30,800
1941	Mar. 11, 1941	10.6	4,590		Jan. 24, 1949	d15.2	a14,100
1942	Feb. 28, 1942	10.4	4,360		Feb. 7, 1949	d12.4	d6,580
1943	Mar. 16, 1943	13.4	9,640		Apr. 2, 1949	d14.1	d10,000
1944	Mar. 1, 1944	13.8	10,800	1950	Jan. 8, 1950	18.52	30,100
	Mar. 10, 1944	12.6	7,750		Feb. 16, 1950	d17.1	d22,200
	Mar. 30, 1944	17.6	30,700		Mar. 15, 1950	d16.5	d19,300
	Apr. 14, 1944	13.1	8,860		Sept. 3, 1950	d13.3	d8,080
	Apr. 30, 1944	11.8	6,250	1951	Feb. 4, 1951	d16.30	d18,500
					Mar. 30, 1951	18.36	29,400
					Apr. 25, 1951	d12.2	d6,300

a Annual peak only. b From information by Corps of Engineers; probably the annual peak. c Record incomplete; probably the annual peak. d Daily mean.

4398. Cowbell Creek near Houlka, Miss.

Location.--Lat 34°03'40", long 89°00'20", in NW¼SE¼NE¼ sec.5, T.12 S., R.3 E., Chickasaw meridian, at upstream side of culvert on State Highway 15, 1.75 miles north of Houlka.

Drainage area.--0.527 sq mi; shape of basin (length divided by average width), 3.11; cover of basin, about 20 percent woods and rest in pasture or cultivation.

Gage.--Crest-stage gage.

Stage-discharge relation.--Theoretical rating and crest-stage gage readings.

Bankfull stage.--6 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges of Cowbell Creek near Houlka, Miss.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Apr. 12, 1955	9.28	380	1959	Feb. 12, 1959	6.07	72
				1960	Jan. 17, 1960	6.71	162
1956	Apr. 30, 1956	6.93	(a)				
1957	Apr. 4, 1957	7.06	(a)	1961	Feb. 20, 1961	7.17	213
1958	Nov. 16, 1957	7.00	205				

a Not computed for lack of backwater stage downstream from culvert.

4400. Chookatonchee Creek near Egypt, Miss.

Location.--Lat 33°50'30", long 88°46'30", on line between secs. 22 and 27, T.14 S., R.5 E., Chickasaw meridian, at bridge on State Highway 8, 4½ miles southwest of Egypt and 11½ miles upstream from Houlka Creek.

Drainage area.--170 sq mi.

Gage.--Recording.

Stage-discharge relation.--Defined by current-meter measurements below 11,000 cfs, and extended above on basis of field estimate.

Remarks.--Base for partial-duration series, 5,000 cfs. Gage-height record and occasional discharge measurements furnished by Corps of Engineers.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950	Mar. 13, 1950	8.56	a9,560	1957	Jan. 5, 1957	7.91	5,290
					Jan. 29, 1957	8.11	6,570
1951	Mar. 28, 1951	10.47	a23,200		Feb. 1, 1957	8.22	7,310
1952	Dec. 20, 1951	8.49	9,110	1958	Oct. 3, 1957	8.92	12,200
	Dec. 27, 1951	7.92	5,040		Nov. 18, 1957	8.03	5,240
					Sept. 22, 1958	8.45	8,600
1953	Feb. 21, 1953	9.09	15,700				
				1959	Feb. 13, 1959	8.23	6,540
1954	May 3, 1954	7.90	4,930				
				1960	Mar. 3, 1960	8.54	8,830
1955	Mar. 21, 1955	11.23	28,100				
	Apr. 13, 1955	8.73	11,000	1961	Feb. 21, 1961	10.44	22,300
	May 21, 1955	8.27	7,650				
1956	Apr. 6, 1956	8.04	6,110				

a Annual peak only.

4405. Chookatonchee Creek near West Point, Miss.

Location.--Lat 33°36', long 88°42', on line between secs. 7 and 18, T.17 S., R.6 E., Chickasaw meridian, at bridge on State Highway 10, 3 miles west of West Point and 3½ miles upstream from mouth.

Drainage area.--514 sq mi.

Gage.--Nonrecording prior to Aug. 3, 1949; recording thereafter. Datum of gage is 170.10 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 33,000 cfs. Minor effect from backwater at times.

Remarks.--Base for partial-duration series, 12,000 cfs. Gage-height record and occasional discharge measurements furnished by Corps of Engineers.

Peak stages and discharges of Chookatonchee Creek near West Point, Miss.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1941	Dec. 18, 1940	16.2	5,800	1951	Mar. 29, 1951	23.55	45,800
1942	Feb. 26, 1942	16.0	5,400	1952	Dec. 22, 1951	17.84	10,600
1943	Mar. 14, 1943	17.7	11,100	1953	Feb. 22, 1953	19.55	20,000
1944	Mar. 29, 1944	21.7	33,900	1954	May 5, 1954	16.46	6,460
1945	Feb. 22, 1945	18.26	14,000	1955	Mar. 23, 1955	21.44	34,900
	Mar. 5, 1945	a19.22	19,000		Apr. 14, 1955	19.62	20,000
1946	Jan. 9, 1946	20.30	26,400	1956	Apr. 8, 1956	17.56	10,400
	Feb. 11, 1946	19.51	20,500	1957	Feb. 2, 1957	18.32	13,800
1948	Feb. 14, 1948	-	b22,000	1958	Nov. 16, 1957	19.18	18,000
1949	Jan. 5, 1949	22.32	32,000		May 1, 1958	18.14	12,900
1950	Jan. 7, 1950	20.63	21,600	1959	Feb. 15, 1959	18.25	13,400
	Feb. 15, 1950	19.84	19,800				
	Mar. 14, 1950	20.28	22,800	1960	Mar. 4, 1960	19.03	17,000
	Sept. 3, 1950	18.26	12,500	1961	Feb. 22, 1961	22.01	43,300
1951	Jan. 5, 1951	20.09	21,600		Apr. 1, 1961	18.35	14,300
	Feb. 3, 1951	-	13,000				

a Occurred at different time than peak discharge.
b Estimated daily mean; maximum probably higher.

4406. Line Creek near Maben, Miss.

Location.--Lat 33°39', long 89°04', in S½ sec.26, T.16 S., R.2 E., Chickasaw meridian, at bridge on State Highway 15, 1,000 ft downstream from Gulf, Mobile, and Ohio Railroad bridge and 7 miles north of Maben.

Drainage area.--6.5 sq mi.

Gage.--Crest-stage gage, assumed datum.

Stage-discharge relation.--Poorly defined below 1,500 cfs by two discharge measurements and a conveyance computation.

Remarks.--Stream is canalized and not subject to overflow. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	December 1951	17.78	1,430	1957	Dec. 12, 1956	16.97	1,150
1953	Mar. 18, 1953	17.16	1,200	1958	Apr. 29, 1958	17.02	1,170
1954	May 3, 1954	16.32	940	1959	Apr. 21, 1959	16.27	930
1955	Mar. 21, 1955	18.38	1,640	1960	Mar. 2, 1960	16.27	930
1956	Feb. 3, 1956	15.06	600	1961	Apr. 1, 1961	16.34	940

4408. Trim Cane Creek near Starkville, Miss.

Location.--Lat 33°28', long 88°55', in W½ sec.35, T.19 N., R.13 E., Choctaw meridian, at bridge on U.S. Highway 82, 3 miles upstream from Biba Wila Creek and 6 miles west of Starkville.

Drainage area.--39.6 sq mi.

Gage.--Crest-stage gage. Datum of gage is 214.24 ft, Mississippi Highway Department datum.

Stage-discharge relation.--Poorly defined by two slope-area measurements and one current-meter measurement at 5,040 cfs.

Historical data.--Flood of July 1940 reached a stage of about 27 ft, the highest since at least 1926, from information by local residents.

Remarks.--Stream canalized in 1915. Only annual peaks are shown. Peak discharges for period 1952-58 are revised from those published in "Floods in Mississippi, Magnitude and Frequency" (Wilson and Trotter, 1961).

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	December 1951	26.9	5,710	1957	July 1, 1957	23.18	4,050
1953	Apr. 29, 1953	24.93	4,840	1958	Nov. 16, 1957	23.12	4,030
1954	May 2, 1954	19.99	2,630	1959	Apr. 18, 1959	20.71	2,950
1955	Apr. 12, 1955	23.50	4,200	1960	Mar. 2, 1960	25.25	4,980
1956	Apr. 4, 1956	22.54	3,770	1961	Feb. 21, 1961	22.99	3,970

4410. Tibbee Creek near Tibbee, Miss.

Location.--Lat 33°32'17", long 88°38'00", in SW¼ sec.4, T.19 N., R.16 E., Choctaw meridian, at bridge on old State Highway 25, 560 ft upstream from Gulf, Mobile, and Ohio Railroad bridge, 0.7 mile north of Tibbee, and 4½ miles upstream from Magee Creek.

Drainage area.--928 sq mi.

Gage.--Nonrecording prior to Dec. 6, 1939; recording thereafter. Datum of gage is 154.07 ft above mean sea level, datum of 1929, supplementary adjustment of 1941. Prior to Sept. 1, 1930, at site 560 ft downstream at same datum.

Stage-discharge relation.--Defined by current-meter measurements below 53,000 cfs.

Bankfull stage.--24 ft.

Historical data.--The flood of December 1926 reached a stage of 31.5 ft, from information by local residents who reported it to be the highest flood since 1892.

Remarks.--Base for partial-duration series, 10,000 cfs.

Peak stages and discharges of Tibbee Creek near Tibbee, Miss.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	Mar. 16, 1929	27.5	36,500	1949	Jan. 23, 1949	26.84	26,800
	Mar. 24, 1929	28.70	47,300		Feb. 6, 1949	24.00	11,500
					Mar. 29, 1949	25.59	19,200
1930	Nov. 16, 1929	23.2	10,100				
	Mar. 8, 1930	23.4	10,800	1950	Jan. 7, 1950	28.87	48,700
	May 20, 1930	28.71	47,300		Feb. 5, 1950	24.06	10,600
					Feb. 15, 1950	27.63	32,400
1940	Mar. 5, 1940	24.26	13,000		Mar. 14, 1950	28.70	46,100
	Mar. 15, 1940	25.15	16,600		Sept. 4, 1950	25.22	15,500
	Apr. 21, 1940	23.94	11,400				
	July 4, 1940	a29.16	49,700	1951	Jan. 5, 1951	27.09	27,800
	July 9, 1940	27.32	28,200		Feb. 3, 1951	-	b30,000
					Mar. 29, 1951	30.82	75,200
1941	Dec. 18, 1940	a22.13	8,230				
				1952	Dec. 23, 1951	25.38	16,700
1942	Feb. 26, 1942	20.52	8,010				
				1953	Feb. 23, 1953	26.82	25,600
1943	Mar. 15, 1943	24.40	13,900		May 1, 1953	25.14	14,900
					May 7, 1953	23.92	10,100
1944	Mar. 21, 1944	22.96	10,300				
	Mar. 30, 1944	28.94	44,700	1954	May 6, 1954	23.18	8,620
	Apr. 14, 1944	23.03	10,300				
	May 6, 1944	24.43	13,900	1955	Feb. 24, 1955	23.86	10,100
					Mar. 23, 1955	28.14	38,300
1945	Feb. 14, 1945	23.90	11,400		Apr. 14, 1955	27.46	31,400
	Feb. 23, 1945	27.39	33,200				
	Mar. 5, 1945	27.21	31,000	1956	Feb. 7, 1956	24.07	10,600
					Mar. 17, 1956	25.60	17,900
1946	Jan. 9, 1946	27.53	34,400		Apr. 7, 1956	24.92	12,400
	Feb. 11, 1946	27.98	41,000				
	Mar. 31, 1946	23.94	10,600	1957	Feb. 3, 1957	26.12	19,500
	July 7, 1946	23.97	11,000				
				1958	Nov. 16, 1957	26.70	29,900
1947	Jan. 3, 1947	27.60	35,600		Nov. 27, 1957	23.79	12,700
	Jan. 20, 1947	25.71	19,000		May 2, 1958	26.08	25,700
	Mar. 9, 1947	24.28	12,200				
	Apr. 12, 1947	27.60	35,600	1959	Feb. 15, 1959	25.98	25,000
					Apr. 22, 1959	24.66	17,000
1948	Feb. 10, 1948	25.57	18,400				
	Feb. 14, 1948	28.49	48,900	1960	Jan. 31, 1960	25.05	18,500
	Mar. 7, 1948	24.80	14,300		Mar. 4, 1960	26.84	30,600
1949	Nov. 30, 1948	24.74	11,200	1961	Feb. 22, 1961	29.06	46,800
	Jan. 5, 1949	30.15	67,300		Apr. 1, 1961	26.96	31,700

a Occurred at different time than peak discharge.
b Estimated.

4415. Tombigbee River at Columbus, Miss.

Location.--Lat 33°29'21", long 88°25'57", in NW¼ sec.20, T.18 S., R.18 W., Huntsville meridian, in Columbus, 1,200 ft downstream from bridge on U.S. Highway 45, 1,800 ft upstream from Gulf, Mobile and Ohio Railroad bridge, 2.3 miles upstream from Luxapalila Creek, and 6.7 miles downstream from Tibbee Creek.

Drainage area.--4,490 sq mi.

Gage.--Nonrecording prior to Nov. 6, 1934, at various sites within a quarter of a mile of present site; recording thereafter. Prior to Mar. 13, 1934, at datum 4.0 ft higher. Datum of gage is 128.91 ft above mean sea level, datum of 1929, supplementary adjustment of 1941.

Stage-discharge relation.--Defined by current-meter measurements below 140,000 cfs; discharge computed using fall as determined from auxiliary gage 3.7 miles upstream as a factor since Mar. 3, 1941. Discharge for 1892-99, 1913-28, computed from rating curve based on all available high-water measurements.

Bankfull stage.--29 ft.

Historical data.--The 1892 flood is the highest known since at least 1867.

Remarks.--Only annual peaks are shown. Gage-heights for 1893-99, 1913-28, furnished by the U.S. Weather Bureau.

Peak stages and discharges of Tombigbee River at Columbus, Miss.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1892	Apr. 8, 1892	a173.0	b268,000	1928	Apr. 25, 1928	29.0	58,000
1893	Feb. 20, 1893	21.4	34,800	1929	Mar. 25, 1929	29.6	84,600
1894	Mar. 21, 1894	21.6	35,100	1930	May 21, 1930	28.80	76,500
1895	Mar. 21, 1895	21.9	35,600				
				1931	Mar.31, Apr.3, 1931	13.25	18,500
1896	Feb. 7, 1896	30.4	70,800				
1897	Mar. 23, 1897	31.9	88,200	1932	Dec. 20, 1931	26.74	54,700
1898	Jan. 25, 1898	21.5	35,000	1933	Dec. 16, 1932	26.90	55,900
1899	Mar. 17, 1899	31.4	81,800	1934	Mar. 7, 1934	24.70	44,300
1900	Apr. 19, 1900	27.6	50,000	1935	Mar. 9, 1935	23.12	39,900
1901	Jan. 15, 1901	22.70	37,000	1936	Feb. 7, 1936	26.93	36,600
1902	Mar. 31, 1902	30.60	72,800	1937	Jan. 27, 1937	26.19	33,900
1903	Feb. 12, 1903	23.9	39,030	1938	Apr. 11, 1938	24.01	28,100
1904	Apr. 4, 1904	6.20	9,980	1939	Mar. 2, 1939	24.15	31,800
1905	Feb. 23, 1905	26.0	43,000	1940	July 5, 1940	30.00	46,300
1906	Apr.1,2, 1906	18.2	29,300	1941	Mar. 10, 1941	17.91	19,300
1907	Mar. 6, 1907	16.4	26,300	1942	Feb. 27, 1942	c17.93	21,800
1908	Feb. 20, 1908	23.2	37,800	1943	Mar. 17, 1943	23.66	29,600
1909	Mar. 15, 1909	28.5	55,000	1944	Mar. 31, 1944	37.64	134,000
1910	July 12, 1910	19.1	30,900	1945	Feb. 24, 1945	31.43	52,400
1911	Apr. 24, 1911	26.2	46,500	1946	Jan. 12, 1946	c36.05	95,000
1912	Apr. 4, 1912	27.0	48,500	1947	Jan. 6, 1947	30.72	-
1913	Mar. 3, 1913	23.0	35,000		Apr. 15, 1947	29.40	45,800
1914	Apr. 5, 1914	21.5	32,000	1948	Feb. 16, 1948	38.32	135,000
1915	Feb. 6, 1915	23.5	36,000	1949	Jan. 7, 1949	39.32	148,000
				1950	Jan. 9, 1950	35.13	79,800
1916	July 13, 1916	31.3	81,000				
1917	Apr. 9, 1917	24.1	38,000	1951	Apr. 1, 1951	c37.85	118,000
1918	Feb. 2, 1918	13.8	19,000	1952	Dec. 25, 1951	c25.63	34,600
1919	Mar. 3, 1919	24.2	38,000	1953	Feb. 25, 1953	c30.46	49,800
1920	Apr. 5, 1920	28.9	57,000	1954	Jan. 26, 1954	c21.65	26,100
				1955	Mar. 25, 1955	c37.47	120,000
1921	Apr.20,22, 1921	24.0	38,000				
1922	Mar. 14, 1922	24.6	39,000	1956	Apr. 11, 1956	c25.03	34,500
1923	Mar. 27, 1923	22.0	33,000	1957	Feb. 5, 1957	c33.41	64,400
1924	Mar. 9, 1924	26.8	46,000	1958	Nov. 22, 1957	35.25	85,100
1925	Jan. 19, 1925	17.0	24,000	1959	Feb. 17, 1959	24.60	32,100
				1960	Mar. 7, 1960	c28.01	40,700
1926	Nov. 9, 1925	22.0	33,000				
1927	Dec. 28, 1926	34.4	130,000	1961	Feb. 24, 1961	35.14	70,500

a Elevation above mean sea level at site 1,100 ft upstream. b Estimated by Corps of Engineers. c Occurred at different time than peak discharge.

4420. Luxapalila Creek near Fayette, Ala.

Location.--Lat 33°43', long 87°52', in SW¼ sec.26, T.15 S., R.13 W., near right bank on downstream side of pier of bridge on State Highway 18, 3 miles northwest of Fayette.

Drainage area.--127 sq mi.

Gage.--Nonrecording prior to May 15, 1945; recording thereafter. Datum of gage is 322.33 ft above mean sea level, datum of 1929, supplementary adjustment of 1944 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--11 ft.

Remarks.--Base for partial-duration series, 2,500 cfs. Only annual peak shown for 1945.

Peak stages and discharges of Luxapalila Creek near Fayette, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1945	Feb. 22, 1945	11.3	a4,710	1953	May 4, 1953	9.65	3,330
1946	Jan. 8, 1946	13.57	9,310	1954	Jan. 16, 1954	9.8	3,430
					Jan. 22, 1954	10.2	3,860
1947	Nov. 17, 1946	8.54	2,650		Apr. 16, 1954	10.2	3,860
	Dec. 29, 1946	8.59	2,710				
	Jan. 2, 1947	8.69	2,760	1955	Dec. 29, 1954	7.53	2,550
	Feb. 26, 1947	10.50	3,930		Feb. 6, 1955	10.04	3,740
	Mar. 7, 1947	9.95	3,550		Feb. 22, 1955	8.24	2,860
	Apr. 11, 1947	11.16	4,600		Mar. 22, 1955	10.80	4,280
1948	Feb. 9, 1948	10.31	3,770	1956	Feb. 3, 1956	10.1	3,800
	Feb. 12, 1948	11.6	5,060		Feb. 20, 1956	10.5	4,060
	Mar. 7, 1948	9.63	3,280		Apr. 6, 1956	9.12	3,270
	Mar. 22, 1948	9.33	3,100				
				1957	Dec. 13, 1956	10.8	4,280
1949	Nov. 19, 1948	11.29	4,710		Dec. 22, 1956	8.7	3,070
	Nov. 28, 1948	11.99	5,600		Jan. 4, 1957	8.9	3,170
	Jan. 5, 1949	13.8	9,910		Jan. 28, 1957	10.1	3,800
	Feb. 4, 1949	9.57	3,220		Jan. 31, 1957	9.6	3,520
	Mar. 25, 1949	10.21	3,770		Apr. 4, 1957	11.5	4,960
1950	Jan. 6, 1950	13.1	7,880	1958	Nov. 14, 1957	9.8	3,620
	Feb. 2, 1950	11.68	5,190		Nov. 19, 1957	11.8	5,330
	Feb. 14, 1950	12.18	5,910		Feb. 6, 1958	8.8	3,120
	Mar. 13, 1950	13.03	7,610		Apr. 29, 1958	9.0	3,220
					May 5, 1958	11.4	4,850
1951	Feb. 1, 1951	12.0	5,600		May 10, 1958	8.3	2,870
	Mar. 29, 1951	13.2	8,150		Sept.21, 1958	8.5	2,970
	Apr. 22, 1951	10.2	3,690				
				1959	Jan. 21, 1959	7.7	2,570
1952	Dec. 21, 1951	-	(b)		Feb. 13, 1959	8.5	2,970
	Dec. 26, 1951	9.8	3,430				
	Mar. 11, 1952	11.3	4,710	1960	Mar. 3, 1960	11.75	5,330
					Mar. 29, 1960	8.40	2,810
1953	Jan. 23, 1953	8.95	3,060				
	Feb. 21, 1953	11.65	5,060	1961	Feb. 21, 1961	12.93	9,150
	Mar. 4, 1953	8.38	2,790		Mar. 8, 1961	11.45	4,450
	Apr. 30, 1953	10.65	4,020		Mar. 28, 1961	10.54	3,880
	May 2, 1953	9.80	3,430		Mar. 31, 1961	11.50	4,500

a Annual peak. b Stage and discharge not determined.

4425. Luxapalila Creek at Millport, Ala.

Location.--Lat 33°34', long 88°05', in SW¼ sec.14, T.17 S., R.15 W., near left bank on downstream side of pier of bridge on State Highway 17, a quarter of a mile downstream from Driver Creek and 1 mile north of Millport.

Drainage area.--241 sq mi.

Gage.--Recording. Datum of gage is 243.65 ft above mean sea level, datum of 1929, supplementary adjustment of 1944.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--10 ft.

Remarks.--Base for partial-duration series, 4,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Feb. 6, 1955	10.20	4,020	1957	Apr. 4, 1957	11.8	5,060
1956	Feb. 20, 1956	10.3	4,080	1958	Nov. 14, 1957	10.6	4,260
	Apr. 6, 1956	10.3	4,080		Nov. 19, 1957	11.7	4,990
					May 5, 1958	11.3	4,710
1957	Dec. 23, 1956	10.7	4,320				
	Jan. 5, 1957	10.4	4,140	1959	Jan. 21, 1959	10.1	3,960
	Jan. 31, 1957	11.1	4,570	1961	Feb.22-23,1961	a14.21	6,700

a From floodmark.

4430. Luxapalila Creek at Steens, Miss.

Location.--Lat 33°34', long 88°19', in NE¼ sec.27, T.17 S., R.17 W., Huntsville meridian, at bridge on county road, a quarter of a mile southeast of Steens, 1 mile upstream from Yellow Creek, and 6½ miles northeast of Columbus.

Drainage area.--309 sq mi.

Gage.--Nonrecording prior to Aug. 9, 1949; recording thereafter. Datum of gage is 179.45 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 8,100 cfs. Minor high-water shifts have occurred.

Bankfull stage.--16 ft.

Historical data.--Flood of January 1949 is the highest since the flood of July 1916, according to newspaper reports.

Remarks.--Base for partial-duration series, 5,000 cfs. Gage-height record and occasional discharge measurements furnished by Corps of Engineers.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1940	July 5, 1940	15.4	a4,800	1950	Mar. 15, 1950	18.12	10,800
1941	Aug. 3, 1941	11.2	a1,700	1951	Feb. 2, 1951	-	b7,500
					Mar. 30, 1951	18.55	12,700
1942	Aug. 21, 1942	15.2	a4,500	1952	Mar. 12, 1952	15.47	5,350
1943	Dec. 29, 1942	15.2	a4,500	1953	Feb. 22, 1953	16.46	6,670
1944	Mar. 29, 1944	17.35	8,280	1954	Jan. 17, 1954	15.57	5,470
1945	Feb. 14, 1945	16.06	6,050		Jan. 23, 1954	15.69	5,590
	Feb. 23, 1945	15.42	5,090				
	Mar. 5, 1945	15.85	5,620	1955	Mar. 23, 1955	14.31	4,140
1946	Jan. 10, 1946	18.00	10,500	1956	Feb. 21, 1956	14.71	4,500
	Feb. 11, 1946	17.49	9,100	1957	Feb. 2, 1957	16.20	6,240
1947	Jan. 3, 1947	15.30	5,020		Apr. 5, 1957	16.62	6,820
	Jan. 20, 1947	16.25	6,210				
	Mar. 9, 1947	16.10	6,060	1958	Nov. 20, 1957	16.61	6,820
	Apr. 12, 1947	15.30	5,020		May 6, 1958	15.28	5,120
1948	Feb. 10, 1948	16.9	a7,200	1959	Jan. 23, 1959	14.03	3,800
1949	Jan. 6, 1949	19.2	a16,000	1960	Mar. 4, 1960	17.07	7,650
1950	Jan.7,8, 1950	18.34	11,500	1961	Feb. 23, 1961	18.90	14,200
	Feb. 15, 1950	17.41	8,850		Apr. 1, 1961	16.80	6,990

a Annual peak only.
b Estimated.

4440. Coal Fire Creek near Pickensville, Ala.

Location.--Lat 33°18', long 88°16', in NE¼ sec.25, T.20 S., R.17 W., near center of channel on downstream side of pier of bridge on State Highway 14, 4½ miles north of Pickensville and 4½ miles upstream from mouth.

Drainage area.--131 sq mi.

Gage.--Recording. Datum of gage is 148.50 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--6.5 ft.

Remarks.--Base for partial-duration series, 700 cfs.

Peak stages and discharges of Coal Fire Creek near Pickensville, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Feb. 24, 1955	6.53	734	1958	May 3, 1958	7.8	1,820
1956	Feb. 7, 1956	6.43	860	1959	Jan. 24, 1959	6.78	1,000
	Mar. 16, 1956	7.03	1,100				
	Apr. 8, 1956	7.12	1,130	1960	Jan. 31, 1960	7.69	1,710
					Mar. 4, 1960	8.60	3,060
1957	Dec. 15, 1956	-	(a)				
	Dec. 24, 1956	-	b1,100	1961	Feb. 22, 1961	10.13	8,110
	Feb. 2, 1957	6.87	1,020		Mar. 10, 1961	6.63	947
	Apr. 5, 1957	-	b1,100		Mar. 20, 1961	6.17	761
					Apr. 1, 1961	8.76	3,410
1958	Nov. 16, 1957	6.65	940		July 15, 1961	6.59	928
	Nov. 21, 1957	7.20	1,170				

a Stage and discharge unknown
b Maximum daily mean discharge.

4445. Tombigbee River near Cochrane, Ala.

Location.--Lat 33°05', long 88°14', in sec.7, T.24 N., R.2 W., near left bank on downstream side of pier of bridge on State Highway 17, 200 ft upstream from Alabama, Tennessee and Northern Railroad bridge, 1¼ miles northeast of Cochrane, 2½ miles downstream from Boguechitto Creek, and 7 miles southwest of Aliceville.

Drainage area.--5,990 sq mi, approximately.

Gage.--Nonrecording prior to July 10, 1939; recording thereafter. Datum of gage is 89.85 ft above mean sea level, datum of 1929, supplementary adjustment of 1946. Auxiliary gage at datum 7.5 ft lower at Vienna Ferry, 12 miles downstream; nonrecording Jan. 30, 1940, to Oct. 16, 1958, recording thereafter.

Stage-discharge relation.--Defined by current-meter measurements. Relation affected by variable slopes.

Bankfull stage.--35 ft.

Historical data.--Maximum stage known, that of April 1892.

Remarks.--Only annual peaks are shown. Gage-height record and discharge measurements furnished by Corps of Engineers.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1892	April 1892	50.2	-	1951	Apr. 2, 1951	44.8	124,000
					Apr. 2, 1951	45.0	-
1939	Mar. 3, 1939	33.2	35,000	1952	Dec. 28, 1951	29.4	37,700
1940	July8,9, 1940	-	42,600		Dec. 30, 1951	29.8	-
	July 16, 1940	36.26	-	1953	Feb. 28, 1953	36.97	52,000
					Mar. 1, 1953	37.17	-
1941	Mar. 11, 1941	22.24	22,600	1954	Jan. 28, 1954	25.1	30,200
1942	Mar. 23, 1942	23.38	22,400		Jan. 28, 1954	25.2	-
1943	Mar. 18, 1943	27.7	31,600	1955	Mar. 29, 1955	40.0	77,000
	Mar. 23, 1943	33.5	-		Mar. 29, 1955	40.8	-
1944	Apr. 3, 1944	43.7	108,000				
	Apr. 3, 1944	43.8	-	1956	Mar.18,19,1956	-	a37,000
1945	Feb. 28, 1945	37.7	-	1957	Feb. 9, 1957	37.6	59,700
	Mar. 10, 1945	36.4	54,800		Feb. 9, 1957	37.7	-
				1958	Nov. 25, 1957	40.0	69,200
1946	Feb. 15, 1946	42.8	92,800		Nov. 26, 1957	40.2	-
	Feb. 16, 1946	42.9	-	1959	Feb. 20, 1959	28.1	35,100
1947	Jan. 9, 1947	35.5	52,700	1960	Mar. 9, 1960	33.19	44,700
	Jan. 11, 1947	36.4	-		Mar. 10, 1960	33.80	-
1948	Feb. 19, 1948	44.5	107,000				
1949	Jan. 9, 1949	46.9	163,000	1961	Feb. 27, 1961	41.72	59,800
1950	Jan. 12, 1950	41.2	76,500				
	Jan. 13, 1950	41.8	-				

a Maximum daily mean discharge.

4448.75. Lubbub Creek near Reform, Ala.

Location.--In S½ sec.8, T.20 S., R.14 W., at bridge on county road, 3 miles south of Reform.

Drainage area.--80 sq mi, approximately.

Gage.--Crest-stage gage.

Stage-discharge relation.--Not defined.

Remarks.--Discharge measurements only, published as miscellaneous measurements. Only annual peak stages are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Mar. 29, 1951	9.27	-	1955	Feb. 7, 1955	7.05	-
1952	Dec. 21, 1951	6.47	-				
1953	Feb. 21, 1953	7.07	-	1956	Feb. 4, 1956	6.65	-
1954	Apr. 24, 1954	6.97	-				

4450. Lubbub Creek near Carrollton, Ala.

Location.--Lat 33°15', long 88°05', in E½ sec.10, T.21 S., R.15 W., near center of channel on upstream side of bridge on Pickens County Highway 12, 1 mile southeast of Carrollton and 4 miles upstream from Little Lubbub Creek.

Drainage area.--116 sq mi.

Gage.--Recording. Datum of gage is 174.24 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--6 ft.

Remarks.--Base for partial-duration series, 1,100 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Feb. 7, 1955	8.70	1,560	1958	Nov. 20, 1957	8.58	1,410
1956	Feb. 5, 1956	8.65	1,480	1959	May 31, 1959	8.60	1,410
	Mar. 16, 1956	8.50	1,280				
	Apr. 7, 1956	8.53	1,340	1960	Jan. 30, 1960	9.23	2,620
					Mar. 3, 1960	9.27	2,720
1957	Dec. 15, 1956	8.65	1,480				
	Dec. 24, 1956	8.49	1,280	1961	Feb. 22, 1961	11.97	8,210
	Apr. 5, 1957	8.54	1,340		Mar. 31, 1961	9.57	2,880
1958	Nov. 16, 1957	8.44	1,220				

4452.45. New River near Winfield, Ala.

Location.--In SE¼ sec.10, T.13 S., R.11 W., at bridge on U.S. Highway 78, 8 miles east of Winfield.

Drainage area.--55.6 sq mi.

Gage.--Crest-stage gage.

Stage-discharge relation.--Not defined.

Remarks.--Only annual peak stages are shown.

Peak stages and discharges of New River near Winfield, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Mar. 29, 1951	23.2	-	1957	Dec. 14, 1956	18.5	-
1952	Mar. 11, 1952	16.5	-	1958	Apr. 29, 1958	14.5	-
1953	Feb. 22, 1953	14.8	-	1959	Jan. 24, 1959	13.8	-
1954	Jan. 22, 1954	17.5	-	1960	Mar. 2, 1960	19.8	-
1955	Mar. 23, 1955	18.2	-	1961	Feb. 21, 1961	23.88	-
1956	Feb. 4, 1956	16.0	-				

4455. Sipsey River at Fayette, Ala.

Location.--Lat 33°40', long 87°49', in SW¼ sec.8, T.16 S., R.12 W., on downstream side of left bank pier of highway bridge, 1 mile southeast of Fayette and 1½ miles downstream from Southern Railway bridge.

Drainage area.--276 sq mi.

Gage.--Recording prior to June 9, 1949, at site 300 ft downstream; recording June 9, 1949, to Nov. 17, 1951, at site 300 ft downstream; recording thereafter at present site. Datum of gage is 296.72 ft above mean sea level, datum of 1929, supplementary adjustment of 1941 (levels by Corps Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 14,000 cfs and extended above by logarithmic plotting.

Remarks.--Base for partial-duration series, 2,500 cfs. Only annual peaks are shown prior to 1948.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Feb. 16, 1939	a19.6	a10,600	1952	Dec. 28, 1951	16.7	3,480
1940	Apr. 5, 1940	a18.7	a5,120		Mar. 12, 1952	17.8	5,600
1941	Mar. 9, 1941	a16.1	a1,960	1953	Feb. 22, 1953	19.15	10,100
1942	Mar. 19, 1942	a16.6	a2,180		May 6, 1953	17.30	4,600
1943	Dec. 29, 1942, Mar. 14, 1943	a18.9	a7,140	1954	Jan. 18, 1954	17.20	4,400
1944	Mar. 29, 1944	20.04	14,400		Jan. 23, 1954	18.38	7,200
1945	Mar. 5, 1945	19.34	9,110	1955	Feb. 8, 1955	17.60	5,210
1946	Jan. 8, 1946	21.75	20,000		Feb. 24, 1955	16.77	4,060
1947	Jan. 21, 1947	18.3	6,600		Mar. 23, 1955	18.67	8,100
1948	Feb. 9, 1948	-	7,350	1956	Feb. 5, 1956	17.8	5,600
	Feb. 14, 1948	19.1	8,800		Feb. 22, 1956	17.4	4,840
	Mar. 8, 1948	-	3,020		Mar. 18, 1956	16.4	3,480
1949	Nov. 29, 1948	19.08	8,800		Apr. 8, 1956	17.5	5,000
	Jan. 6, 1949	21.1	17,900	1957	Dec. 15, 1956	18.2	6,600
	Jan. 23, 1949	18.30	6,600		Dec. 24, 1956	16.7	3,730
	Mar. 27, 1949	16.70	3,500		Jan. 7, 1957	16.7	3,730
1950	Jan. 7, 1950	21.2	20,500		Feb. 2, 1957	18.2	6,600
	Feb. 4, 1950	18.28	10,500		Apr. 6, 1957	17.2	4,460
	Feb. 15, 1950	17.73	5,400	1958	Nov. 19, 1957	19.5	11,500
	Mar. 13, 1950	20.36	15,500		Feb. 8, 1958	15.6	2,790
1951	Feb. 2, 1951	20.0	14,000		May 1, 1958	16.5	3,500
	Mar. 29, 1951	21.2	20,500		May 7, 1958	16.6	3,610
1952	Dec. 22, 1951	17.8	5,600	1959	Jan. 24, 1959	16.6	3,610
					Feb. 15, 1959	16.4	3,390

a Maximum observed.

4460. Sipsey River at Moores Bridge, Ala.

Location.--Lat 33°27', long 87°46', in NW¼ sec.35, T.18 S., R.12 W., at highway bridge 1 mile east of Moores Bridge and 6 miles downstream from Bear Creek.

Drainage area.--403 sq mi.

Gage.--Nonrecording. Datum of gage is 240.95 ft above mean sea level, datum of 1929 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 15,000 cfs and extended above to 24,000 cfs by logarithmic plotting.

Bankfull stage.--12 ft.

Remarks.--Base for partial-duration series, 4,500 cfs. Only annual peaks are shown prior to 1948.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Feb. 5, 1939	14.4	9,350	1949	Dec. 1, 1948	14.3	9,200
1940	July 13, 1940	13.8	6,520		Jan. 7, 1949	15.8	17,500
					Jan. 25, 1949	13.9	7,210
1941	Aug. 2, 1941	13.5	5,140		Mar. 29, 1949	13.6	5,780
1942	Mar. 22, 1942	13.3	4,320		Apr. 2, 1949	14.0	7,700
1943	Mar. 15, 1943	14.2	8,390				
1944	Mar. 30, 1944	15.4	14,400	1950	Jan. 8, 1950	16.4	21,100
1945	Feb. 16, 1945,	14.2	8,390		Feb. 5, 1950	13.92	7,210
	Mar. 7, 1945				Feb. 17, 1950	13.72	6,250
					Mar. 14, 1950	15.62	16,300
1946	Jan. 10, 1946	16.78	23,600				
1947	Jan. 22, 1947	13.88	7,190	1951	Feb. 4, 1951	15.1	13,300
					Mar. 30, 1951	16.5	21,700
1948	Feb. 15, 1948	14.5	10,200				
	Mar. 7, 1948	-	5,320				

4465. Sipsey River near Elrod, Ala.

Location.--Lat 33°15', long 87°46', in NE¼ sec.3, T.21 S., R.12 W., on left bank at downstream side of bridge on former U.S. Highway 82, a quarter of a mile upstream from Gulf, Mobile & Ohio Railroad bridge, 1 mile east of Elrod, and 2 miles downstream from Box Creek.

Drainage area.--518 sq mi.

Gage.--Nonrecording prior to Dec. 11, 1939; recording thereafter. Datum of gage is 197.81 ft above mean sea level, datum of 1929, supplementary adjustment of 1944. At site a quarter of a mile downstream and at datum 1.93 ft higher prior to March 1932.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--12 ft.

Remarks.--Base for partial-duration series, 4,500 cfs. Only annual peaks are shown prior to 1940.

Peak stages and discharges of Sipsey River near Elrod, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1930	Nov. 17, 1929	14.10	15,500	1949	Mar. 31, 1949	14.89	6,200
1931	Apr. 5, 1931	11.74	4,690				
1932	Feb. 22, 1932	12.31	a7,090	1950	Jan. 9, 1950	18.1	21,000
					Feb. 7, 1950	14.80	5,800
1940	Apr. 5, 1940	14.57	4,739		Feb. 18, 1950	14.69	5,400
	July 13, 1940	15.37	8,260		Mar. 15, 1950	17.19	16,600
1941	Aug. 1, 1941	15.00	6,560	1951	Feb. 5, 1951	16.1	11,300
					Mar. 31, 1951	18.1	21,000
1942	Mar. 23, 1942	14.23	3,630				
				1952	Dec. 26, 1951	14.7	5,400
1943	Jan. 2, 1943	14.78	5,670				
	Mar. 17, 1943	15.25	7,760	1953	Feb. 25, 1953	15.7	9,400
1944	Mar. 31, 1944	16.35	12,200	1954	Jan. 26, 1954	14.95	6,400
1945	Feb. 17, 1945	15.19	7,400	1955	Mar. 27, 1955	14.40	4,230
	Mar. 8, 1945	15.18	7,400				
				1956	Feb. 9, 1956	14.67	5,190
1946	Jan. 11, 1946	17.76	18,600				
	Feb. 12, 1946	16.59	13,100	1957	Dec. 19, 1956	14.5	4,600
					Feb. 4, 1957	14.9	6,190
1947	Jan. 7, 1947	14.70	5,400				
	Jan. 23, 1947	14.96	6,500	1958	Nov. 21, 1957	15.60	8,990
	Mar. 12, 1947	14.61	5,000		May 5, 1958	14.50	4,600
1948	Feb. 16, 1948	15.64	9,200	1959	Feb. 19, 1959	13.94	3,020
	Mar. 8, 1948	-	5,000				
				1960	Mar. 7, 1960	15.17	7,190
1949	Dec. 2, 1948	15.42	8,200				
	Jan. 7, 1949	17.3	17,100	1961	Feb. 23, 1961	18.83	27,800
	Jan. 26, 1949	14.98	6,600		Apr. 1, 1961	15.36	8,230

a Maximum during period October to March.

4470. Sipsey River near Pleasant Ridge, Ala.

Location.--Lat 33°02', long 88°07', in S½ sec.20, T.24 N., R.1 W., on downstream handrail of bridge on State Highway 40, 450 ft downstream from Hughes Creek, 2½ miles northwest of Pleasant Ridge, 6 miles upstream from mouth, and 6 miles south of Aliceville.

Drainage area.--753 sq mi.

Gage.--Nonrecording. Datum of gage is 105.13 ft above mean sea level, datum of 1929, supplementary adjustment of 1946. Auxiliary staff gage prior to Oct. 17, 1958; recorder thereafter, on Tombigbee River at Vienna Ferry, 2 miles upstream.

Stage-discharge relation.--Defined by current-meter measurements. Relation affected by backwater from Tombigbee River.

Bankfull stage.--19 ft.

Remarks.--Base for partial-duration series, 4,500 cfs. Only annual peaks are shown prior to 1948.

Peak stages and discharges of Sipsey River near Pleasant Ridge, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Feb. 10, 1939	19.05	a8,190	1950	Feb. 21, 1950	-	4,670
1940	July 16, 1940	19.25	a7,020		Mar. 18, 1950	-	13,400
1941	Aug. 5, 1941	13.95	5,150	1951	Feb. 9, 1951	19.0	6,350
1942	Mar. 28, 1942	11.05	3,460		Apr. 2, 1951	25.5	21,900
1943	Mar. 21, 1943	21.96	12,800				
1944	Apr. 3, 1944	22.71	10,400	1952	Dec. 30, 1951	14.6	4,740
1945	Feb. 22, 1945	19.95	9,110				
				1953	Feb. 27, 1953	20.0	8,160
1946	Jan. 13, 1946	22.20	15,000		May 9, 1953	16.9	5,210
	Feb. 15, 1946	23.22	-				
1947	Jan. 21, 1947	18.25	7,410	1954	Jan. 29, 1954	15.30	5,630
	Jan. 26, 1947	18.40	-				
				1955	Mar. 31, 1955	18.46	-
1948	Feb. 15, 1948	20.90	9,050		Apr. 15, 1955	13.6	4,520
	Feb. 19, 1948	23.7	-				
	Mar. 8, 1948	-	5,730	1956	Feb. 13, 1956	14.4	4,840
	Apr. 15, 1948	-	4,760		Apr. 7, 1956	15.26	5,350
					Apr. 7, 1956	15.33	-
1949	Nov. 30, 1948	-	7,740				
	Jan. 10, 1949	25.8	16,900	1957	Feb. 7, 1957	18.16	6,580
	Jan. 28, 1949	-	5,210				
	May 3, 1949	-	4,790	1958	Nov. 25, 1957	20.90	8,290
					May 7, 1958	17.81	5,390
1950	Jan. 11, 1950	24.1	19,100				
	Feb. 10, 1950	-	5,060	1959	Feb. 22, 1959	11.5	3,340

a Maximum observed.

4475. Noxubee River near Brooksville, Miss.

Location.--Lat 33°13'30", long 88°42'10", in center of sec.19, T.16 N. R.16 E., Choctaw meridian, at bridge on county road, a quarter of a mile downstream from Shotbag Creek, 3½ miles upstream from Lynn Creek, and 7 miles west of Brooksville.

Drainage area.--440 sq mi, approximately.

Gage.--Nonrecording prior to July 23, 1949; recording thereafter. Altitude of gage is 180 ft (from river profile map).

Stage-discharge relation.--Defined by current-meter measurements below 24,000 cfs, and extended above by logarithmic plotting.

Bankfull stage.--15 ft.

Remarks.--Base for partial-duration series, 3,000 cfs. Gage-height record and occasional discharge measurements furnished by Corps of Engineers.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1940	July 9, 1940	21.4	18,900	1946	Mar. 20, 1946	18.99	5,900
					Mar. 30, 1946	18.07	3,650
1941	Dec. 20, 1940	17.7	3,100		Aug. 4, 1946	18.15	3,830
	Mar. 11, 1941	17.9	3,360				
				1947	Jan. 5, 1947	19.70	8,600
1942	Feb. 17, 1942	15.5	2,100		Jan. 21, 1947	19.55	8,100
					Mar. 12, 1947	17.99	3,500
1943	Mar. 21, 1943	-	a2,500		Apr. 14, 1947	19.03	5,900
					June 4, 1947	20.44	10,500
1944	Feb. 27, 1944	18.9	5,600				
	Mar. 22, 1944	18.7	5,030	1948	Feb. 15, 1948	19.74	8,600
	Mar. 29, 1944	21.0	b15,600		Mar. 6, 1948	19.44	7,300
	May 6, 1944	20.2	9,300		Apr. 14, 1948	19.02	6,220
1945	Feb. 13, 1945	18.02	3,500	1949	Nov. 19, 1948	18.45	4,250
	Feb. 18, 1945	18.55	4,760		Nov. 30, 1948	19.69	8,600
	Feb. 23, 1945	20.50	13,800		Dec. 19, 1948	19.72	8,600
	Mar. 7, 1945	18.25	3,830		Jan. 6, 1949	c23.26	b34,700
	Mar. 21, 1945	17.80	3,230		Jan. 24, 1949	19.38	7,300
	Mar. 29, 1945	18.05	3,500		Feb. 7, 1949	17.81	3,230
					Feb. 13, 1949	18.16	3,830
1946	Jan. 8, 1946	18.98	5,900		Feb. 19, 1949	18.11	3,650
	Jan. 12, 1946	18.76	5,310		May 3, 1949	19.00	5,900
	Feb. 11, 1946	20.88	b14,900				

a Estimated daily mean. b Revised; supersedes figure previously published.
c From floodmark.

Peak stages and discharges of Noxubee River near Brooksville, Miss.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950	Jan. 7, 1950	21.90	b22,200	1955	Mar. 25, 1955	17.84	3,300
	Feb. 6, 1950	17.67	3,100		Apr. 14, 1955	19.08	6,220
	Feb. 15, 1950	21.48	b19,000				
	Mar. 15, 1950	19.73	8,600	1956	Feb. 20, 1956	18.66	4,900
	Sept. 3, 1950	19.27	6,920		Mar. 16, 1956	19.46	7,500
					Apr. 8, 1956	19.17	6,390
1951	Jan. 4, 1951	17.66	3,100				
	Jan. 7, 1951	18.53	4,500	1957	Feb. 3, 1957	19.20	6,560
	Jan. 16, 1951	17.82	3,230		Apr. 4, 1957	18.07	3,580
	Feb. 3, 1951	20.4	13,000		Apr. 7, 1957	18.35	4,140
	Mar. 22, 1951	17.97	3,500				
	Mar. 29, 1951	23.88	b41,600	1958	Nov. 19, 1957	18.45	4,380
	Apr. 25, 1951	18.57	4,760		May 2, 1958	19.75	8,850
1952	Mar. 11, 1952	17.06	2,530	1959	Feb. 13, 1959	18.20	3,830
					Apr. 22, 1959	18.70	5,030
1953	Feb. 21, 1953	17.70	3,100				
	Feb. 24, 1953	18.84	5,310	1960	Feb. 2, 1960	18.90	5,600
	May 2, 1953	19.29	6,920		Feb. 22, 1960	17.93	3,430
	May 8, 1953	18.64	4,760		Mar. 4, 1960	20.30	12,300
1954	May 1954	-	a3,000	1961	Feb. 22, 1961	20.53	12,800
					Mar. 31, 1961	19.74	8,800
1955	Feb. 25, 1955	18.09	3,650				

a Estimated daily mean.
b Revised; supersedes figure previously published.

4478. Hashuqua Creek near Macon, Miss.

Location.--Lat 33°06', long 88°41', on north side of sec.5, T.14 N., R.16 E., Choctaw meridian, at bridge on State Highway 14, 7.6 miles west of Macon.

Drainage area.--95.1 sq mi.

Gage.--Crest-stage gage, assumed datum.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	Mar. 10, 1952	93.67	1,600	1957	Apr. 4, 1957	95.98	4,700
1953	Apr. 29, 1953	96.18	5,200	1958	Feb. 6, 1958	93.91	1,750
1954	May 1, 1954	93.64	1,550	1959	-	89.48	610
1955	Apr. 12, 1955	94.39	2,200	1960	Mar. 2, 1960	96.05	4,900
1956	Mar. 16, 1956	94.23	2,000	1961	Feb. 21, 1961	96.63	6,300

4480. Noxubee River at Macon, Miss.

Location.--Lat 33°06'05", long 88°33'40", in NE¼ sec.4, T.14 N., R.17 E., Choctaw meridian, at bridge on U.S. Highway 45, at Macon, a quarter of a mile upstream from Cedar Creek, 1 mile downstream from Gulf, Mobile and Ohio Railroad bridge, 1½ miles downstream from Horse Hunters Creek, and 6¼ miles upstream from Running Water Creek.

Drainage area.--812 sq mi.

Gage.--Nonrecording prior to Aug. 11, 1939, recording thereafter. At site 40 ft downstream at datum about 145 ft above mean sea level, datum of 1929, prior to September 1938. Datum of gage is 142.38 ft above mean sea level, datum of 1929.

Stage-discharge relation.--At former site, defined by current-meter measurements below 5,900 cfs. At present site, defined by current-meter measurements throughout range in stage experienced. Discharge computed using rate of change in stage as a factor 1939-41.

Historical data.--A flood in July 1892 reached a stage of about 34 ft, present site and datum, from information by local residents. The December 1926 flood was the highest from 1892 until that date, according to local residents, and reached approximately the same stage as that of July 1940, from Corps of Engineers flood profiles. The flood of Mar. 30, 1951, is the second highest known and the flood of Jan. 6, 1949, is the third highest known, according to local residents.

Remarks.--Base for partial-duration series, 5,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	Mar. 15, 1929	26.49	9,500	1949	Apr. 1, 1949	26.30	6,520
	Mar. 23, 1929	26.1	8,300		May 3, 1949	26.84	7,530
1930	May 20, 1930	29.58	23,600	1950	Jan. 7, 1950	30.08	21,700
					Feb. 15, 1950	30.26	23,200
1931	Mar. 28, 1931	22.3	4,670		Mar. 16, 1950	27.06	7,530
					Sept. 3, 1950	25.55	5,380
1932	Jan. 28, 1932	a24.46	a5,800				
	Feb. 22, 1932	26.6	9,800	1951	Jan. 6, 1951	24.90	5,030
	Apr. 1, 1932	a25.25	a6,570		Feb. 5, 1951	27.80	9,230
					Mar. 20, 1951	25.68	5,440
1939	Feb. 8, 1939	27.47	8,190		Mar. 30, 1951	32.97	52,000
	Feb. 17, 1939	26.5	6,300				
	Mar. 2, 1939	27.01	7,100	1952	Mar. 11, 1952	21.90	3,790
1940	July 10, 1940	b30.28	25,000	1953	Feb. 26, 1953	26.86	8,550
					May 1, 1953	27.91	10,900
1941	Mar. 9, 1941	23.32	-				
	Apr. 4, 1941	21.95	4,700	1954	May 8, 1954	24.53	5,750
1942	Feb. 18, 1942	20.7	3,430	1955	Feb. 24, 1955	23.40	5,120
					Apr. 16, 1955	25.94	6,900
1943	Mar. 22, 1943	26.07	5,750				
				1956	Feb. 6, 1956	24.58	5,820
1944	Feb. 29, 1944	27.14	7,250		Mar. 18, 1956	27.17	9,150
	Mar. 30, 1944	29.94	23,400		Apr. 7, 1956	28.15	11,800
	May 8, 1944	27.28	8,200				
				1957	Dec. 23, 1956	24.02	5,450
1945	Feb. 21, 1945	29.22	18,300		Feb. 5, 1957	25.85	8,100
1946	Jan. 17, 1946	25.90	5,700		Apr. 5, 1957	28.98	10,500
	Feb. 11, 1946	30.01	24,200				
				1958	Nov. 14, 1957	21.18	5,810
1947	Jan. 8, 1947	27.17	7,900		Nov. 25, 1957	22.90	6,270
	Jan. 21, 1947	27.68	9,600		Feb. 7, 1958	22.13	5,670
	Apr. 15, 1947	27.29	8,200		May 3, 1958	27.67	13,400
	June 7, 1947	25.56	5,440				
				1959	Jan. 22, 1959	21.47	5,250
1948	Feb. 13, 1948	27.94	10,600		Feb. 15, 1959	23.44	6,710
	Mar. 7, 1948	28.23	12,100		Apr. 21, 1959	21.08	5,010
	Apr. 15, 1948	27.15	7,900				
				1960	Feb. 5, 1960	25.53	6,400
1949	Nov. 29, 1948	28.88	16,200		Feb. 23, 1960	24.00	5,190
	Dec. 20, 1948	27.08	8,330		Mar. 4, 1960	28.66	13,800
	Jan. 6, 1949	32.73	50,000				
	Jan. 23, 1949	28.56	13,900	1961	Feb. 22, 1961	30.00	21,100
					Apr. 1, 1961	27.60	10,000

a Daily mean.
b Occurred at different time than peak discharge.

4485. Noxubee River near Geiger, Ala.

Location.--Lat 32°55', long 88°18', in SE¼ sec.33, T.23 N., R.3 W., near left bank on downstream side of pier of bridge on State Highway 17, half a mile upstream from Woodards Creek, 1 mile upstream from Alabama, Tennessee & Northern Railroad bridge, and 4 miles north of Geiger.

Drainage area.--1,140 sq mi, approximately.

Gage.--Nonrecording prior to June 6, 1949; recording thereafter. Datum of gage is 86.08 ft above mean sea level, datum of 1929, supplementary adjustment of 1946. March 1939 to September 1940 at site 1 mile downstream at datum 1.44 ft lower. Recorder on Tombigbee River at Gainesville used as an auxiliary gage.

Stage-discharge relation.--Defined by current-meter measurements. Relation affected by backwater.

Bankfull stage.--20 ft.

Remarks.--Base for partial-duration series, 12,000 cfs. Only annual peaks are shown prior to 1948.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1940	July 10, 1940	41.3	22,800	1953	May 6, 1953	33.6	11,900
1945	Feb. 24, 1945	38.7	19,700	1954	Apr. 17, 1954	29.46	8,550
1946	Feb. 14, 1946	38.91	20,300	1955	Apr. 14, 1955	29.1	8,270
1947	Jan. 21, 1947	34.5	12,000	1956	Mar. 17, 1956	34.C2	12,300
1948	Feb. 16, 1948	36.0	14,500		Apr. 7, 1956	34.42	12,700
	Mar. 7, 1948	28.23	12,100	1957	Apr. 5, 1957	28.72	7,690
1949	Dec. 2, 1948	-	14,500	1958	May 7, 1958	35.6	12,800
	Jan. 8, 1949	41.6	27,900	1959	Feb. 10, 1959	27.4	6,240
1950	Jan. 11, 1950	39.3	22,400	1960	Mar.4,10,1960	31.60	10,200
	Feb. 18, 1950	38.93	21,400	1961	Feb. 24, 1961	40.33	24,100
1951	Mar. 31, 1951	42.7	37,600				
1952	Mar. 12, 1952	24.4	5,980				

4490. Tombigbee River at Gainesville, Ala.

Location.--Lat 32°49', long 88°09', in SE¼ sec.2, T.21 N., R.2 W., on downstream side of right bank pier of bridge on State Highway 39 at Gainesville, 2 miles downstream from Noxubee River.

Drainage area.--8,700 sq mi, approximately.

Gage.--Nonrecording prior to Feb. 2, 1939; recording thereafter. Datum of gage is 63.29 ft above mean sea level, datum of 1929, supplementary adjustment of 1946. Auxiliary recorder at Epes, 19 miles downstream; nonrecording prior to Oct. 15, 1939.

Stage-discharge relation.--Defined by current-meter measurements. Relation affected by variable slopes.

Bankfull stage.--44 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges of Tombigbee River at Gainesville, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Mar. 7, 1939	44.32	53,500	1951	Apr. 4, 1951	52.9	-
1940	July 11, 1940	45.71	62,500	1952	Dec. 31, 1951	34.79	40,600
	July 17, 1940	46.72	-		Dec. 31, 1951	34.83	-
				1953	Mar. 2, 1953	45.2	60,700
1941	Mar. 9, 1941	28.36	31,900		Mar. 3, 1953	45.3	-
	Mar. 11, 1941	29.22	-	1954	Apr. 18, 1954	29.3	35,800
1942	Mar. 22, 1942	33.96	35,800		Jan. 29, 1954	30.5	-
1943	Mar. 22, 1943	45.0	56,600	1955	Apr. 1, 1955	44.8	67,900
	Mar. 23, 1943	45.2	-				
1944	Apr. 5, 1944	50.6	112,000	1956	Apr. 7, 1956	39.73	55,200
1945	Mar. 1, 1945	46.8	64,000		Apr. 16, 1956	40.15	-
				1957	Feb. 10, 1957	43.21	63,800
1946	Feb. 17, 1946	50.9	112,000		Feb. 11, 1957	43.35	-
1947	Jan.26,27,1947	45.4	60,400	1958	Nov. 27, 1957	46.40	76,500
1948	Feb. 21, 1948	51.2	119,000		Nov. 29, 1957	46.73	-
1949	Jan. 11, 1949	53.7	168,000	1959	Feb. 20, 1959	33.77	41,100
	Jan. 11, 1949	53.9	-	1960	Mar. 11, 1960	42.14	60,200
1950	Jan. 14, 1950	49.7	101,000				
	Jan. 15, 1950	49.9	-	1961	Feb. 26, 1961	50.67	115,000
					Feb. 28, 1961	50.90	-
1951	Apr. 3, 1951	52.8	141,000				

4495. Tombigbee River at Epes, Ala.

Location.--Lat 32°41'45", long 88°06'55", in NE¼ sec.19, T.20 N., R.1 W., at bridge on U.S. Highway 11, 700 ft downstream from Southern Railway bridge, half a mile northeast of Epes, and 0.6 mile downstream from Jones and Factory Creeks.

Drainage area.--8,970 sq mi, approximately.

Gage.--Nonrecording at site 700 ft upstream prior to Oct. 15, 1939; recording thereafter. Datum of gage is 53.15 ft above mean sea level, datum of 1929 (Corps of Engineers bench mark). Since Jan. 29, 1940, nonrecording auxiliary gage 6½ miles downstream at different datum.

Stage-discharge relation.--Defined by current-meter measurements. Relation affected by variable slopes.

Bankfull stage.--43 ft.

Historical data.--Maximum stage known, 54.9 ft Jan. 3, 1927 (furnished by the Corps of Engineers).

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1901	Jan. 20, 1901	-	a47,100	1940	July 16, 1940	-	57,100
					July 17, 1940	47.23	-
1905	Feb. 16, 1905	-	a46,200				
				1941	Mar. 10, 1941	30.17	32,100
1906	Mar. 23, 1906	-	a42,200		Mar. 11, 1941	30.67	-
1907	Mar. 5, 1907	-	a37,400	1942	Mar. 21, 1942	35.18	41,100
1908	Feb.25,26,1908	-	a45,100		Mar. 22, 1942	35.95	-
1909	Mar. 21, 1909	-	a50,500	1943	Mar. 22, 1943	44.5	53,100
1910	July 16, 1910	-	a29,600		Mar. 24, 1943	45.2	-
				1944	Apr. 6, 1944	51.0	108,000
1911	Apr.16,17,1911	-	a36,900		Apr. 6, 1944	51.1	-
1912	Apr. 23, 1912	-	a50,300	1945	Mar. 1, 1945	46.9	62,700
1913	Mar. 10, 1913	-	a43,600		Mar. 2, 1945	47.0	-
1939	Mar. 6, 1939	-	53,600				
	Mar.7,8, 1939	44.9	-				

a Maximum daily discharge.

4500. Mulberry Fork near Garden City, Ala.
(Published as Mulberry Fork of Black Warrior River prior to 1941)

Location.--Lat 34°00', long 86°45', in NE¼ sec.16, T.12 S., R.2 W., on left bank near downstream side of bridge on U.S. Highway 31, 1,000 ft downstream from Louisville & Nashville Railroad bridge, 1 mile southwest of Garden City, and 5½ miles downstream from Mud Creek.

Drainage area.--368 sq mi.

Gage.--Nonrecording prior to Jan. 5, 1939; recording thereafter. Datum of gage is 380.54 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by discharge measurements below 32,000 cfs and extended above by logarithmic plotting.

Remarks.--Base for partial-duration series, 13,000 cfs. Only annual peaks are shown prior to 1939.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1928	Sept. 1, 1928	13.60	a15,600	1948	Feb. 12, 1948	17.9	27,700
1929	Mar. 14, 1929	16.40	26,000				
1930	Nov. 14, 1929	17.96	30,400	1949	Nov. 28, 1948	19.98	33,500
					Jan. 5, 1949	20.6	35,200
1931	Nov. 16, 1930	8.59	6,250		Feb. 19, 1949	13.12	15,500
1932	Dec. 14, 1931	12.2	b14,300		Mar. 25, 1949	12.28	13,700
1933	Oct. 16, 1932	16.3	24,800				
1934	Mar. 3, 1934	12.18	14,300	1950	Oct. 31, 1949	13.36	16,300
1935	Mar. 12, 1935	12.35	13,900		Jan. 6, 1950	14.90	20,000
					Mar. 13, 1950	18.1	28,300
1936	Feb. 4, 1936	24.0	46,600				
1937	Apr. 29, 1937	16.8	25,500	1951	Feb. 1, 1951	12.0	13,000
1938	Apr. 8, 1938	16.0	23,300		Mar. 29, 1951	20.62	35,200
					Apr. 22, 1951	12.1	13,200
1939	Feb. 3, 1939	14.71	19,800				
	Feb. 11, 1939	12.82	14,900	1952	Dec. 21, 1951	13.75	17,200
	Feb. 15, 1939	12.16	13,500		Dec. 26, 1951	12.76	14,800
	Feb. 28, 1939	20.77	37,000		Jan. 22, 1952	13.06	15,500
					Mar. 11, 1952	13.37	16,300
1940	Mar. 30, 1940	12.38	13,900				
	Apr. 4, 1940	12.01	13,000	1953	Apr. 30, 1953	14.5	18,200
	July 13, 1940	14.58	19,500				
				1954	Jan. 16, 1954	15.4	20,400
1941	Aug. 1, 1941	20.13	35,000		Jan. 22, 1954	13.6	16,000
1942	Aug. 19, 1942	11.51	11,800	1955	Feb. 6, 1955	15.26	20,200
					Mar. 22, 1955	15.40	20,400
1943	Dec. 28, 1942	23.62	44,400				
				1956	Feb. 20, 1956	12.3	13,000
1944	Feb. 27, 1944	16.05	22,700				
	Mar. 28, 1944	16.32	23,500	1957	Jan. 31, 1957	13.7	16,300
	Apr. 11, 1944	15.11	20,400		Apr. 4, 1957	12.3	13,000
1945	Feb. 13, 1945	14.40	18,700	1958	Nov. 18, 1957	18.1	27,300
	Mar. 4, 1945	14.30	18,400		Apr. 29, 1958	17.9	26,700
1946	Jan. 8, 1946	20.30	34,400	1959	Jan. 21, 1959	12.7	13,900
	Jan. 11, 1946	12.43	13,900				
	Feb. 9, 1946	17.73	27,200	1960	Mar. 3, 1960	15.85	21,400
	Feb. 14, 1946	12.64	14,400				
				1961	Feb. 22, 1961	18.54	28,500
1947	Nov. 11, 1946	14.34	18,400				
	Jan. 20, 1947	16.34	23,500				

a Maximum during period June to September.
b Maximum during periods October to March and July to September.

4505. Sipsey Fork near Falls City, Ala.

Location.--Lat 34°03', long 87°16', in NE¼ sec.33, T.11 S., R.7 W., at highway bridge 1¼ miles downstream from Clifty Fork, 1¾ miles north of Falls City, and 2¼ miles upstream from Clear Creek.

Drainage area.--365 sq mi.

Gage.--Recording. Altitude of gage is 360 ft (by barometer).

Stage-discharge relation.--Defined by current-meter measurements below 16,000 cfs and extended above by comparison of discharge with station downstream at Arley.

Remarks.--Base for partial-duration series, 11,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1944	Feb. 27, 1944	17.20	19,000	1950	Jan. 6, 1950	23.6	33,600
	Mar. 28, 1944	17.50	19,700		Feb. 14, 1950	14.80	13,600
	Apr. 11, 1944	14.80	13,600		Mar. 13, 1950	18.90	22,700
1945	Feb. 13, 1945	15.20	14,400	1951	Feb. 1, 1951	21.6	28,900
	Mar. 4, 1945	14.10	12,200		Mar. 29, 1951	25.8	39,000
1946	Jan. 8, 1946	29.60	48,400	1952	Dec. 21, 1951	14.0	12,000
	Feb. 9, 1946	19.90	25,000		Dec. 26, 1951	15.6	15,300
1947	Apr. 11, 1947	14.20	12,400		Mar. 11, 1952	14.4	12,800
1948	Feb. 12, 1948	20.8	27,000	1953	Feb. 21, 1953	16.9	18,200
1949	Nov. 28, 1948	16.30	16,900	1954	Jan. 16, 1954	14.6	13,200
	Jan. 5, 1949	23.0	32,200		Jan. 22, 1954	16.6	17,500
	Jan. 22, 1949	14.22	12,400	1955	Dec. 29, 1954	14.5	a13,000

a Maximum during period October to December.

4510. Clear Creek at Falls City, Ala.

Location.--Lat 34°02', long 87°16', in NE¼ sec.9, T.12 S., R.7 W., at highway bridge a quarter of a mile upstream from Clear Creek Falls, half a mile south of Falls City, and 2 miles upstream from mouth.

Drainage area.--147 sq mi.

Gage.--Nonrecording prior to Dec. 4, 1939; recording Dec. 4, 1939, to Sept. 30, 1954; crest-stage gage thereafter. Altitude of gage is 460 ft (by barometer).

Stage-discharge relation.--Defined by current-meter measurements below 6,800 cfs, and extended above by logarithmic plotting.

Remarks.--Base for partial-duration series, 3,000 cfs. Only annual peaks are shown since 1955.

Peak stages and discharges of Clear Creek at Falls City, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1940	Feb. 6, 1940	4.17	3,010	1949	Jan. 5, 1949	9.1	9,670
	July 4, 1940	4.59	3,670		Jan. 22, 1949	5.16	4,230
	July 15, 1940	4.33	3,300		Mar. 25, 1949	4.40	3,230
1941	Mar. 7, 1941	4.03	2,870		June 21, 1949	5.19	4,230
				1950	Jan. 6, 1950	9.1	9,670
1942	Mar. 17, 1942	4.18	3,080		Feb. 2, 1950	4.60	3,480
					Feb. 14, 1950	5.52	4,600
1943	Dec. 28, 1942	6.07	5,350		Mar. 13, 1950	7.23	6,900
	Mar. 13, 1943	4.75	3,730				
				1951	Feb. 1, 1951	7.7	7,450
1944	Feb. 27, 1944	6.04	5,230		Mar. 29, 1951	10.3	11,700
	Mar. 7, 1944	4.58	3,480				
	Mar. 29, 1944	7.35	7,030	1952	Dec. 15, 1951	4.7	3,600
	Apr. 11, 1944	5.88	5,100		Dec. 21, 1951	5.0	3,980
					Dec. 26, 1951	4.6	3,480
1945	Feb. 13, 1945	5.48	4,600		Mar. 11, 1952	4.8	3,730
	Feb. 22, 1945	4.64	3,480				
	Mar. 4, 1945	5.33	4,350	1953	Feb. 21, 1953	6.2	5,480
					May 4, 1953	4.3	3,110
1946	Jan. 8, 1946	10.97	13,000				
	Feb. 10, 1946	7.77	7,600	1954	Jan. 16, 1954	5.00	3,980
	July 5, 1946	4.45	3,330		Jan. 22, 1954	5.75	4,980
1947	Jan. 20, 1947	4.61	3,480	1955	Mar. 22, 1955	7.3	6,900
	Apr. 12, 1947	4.46	3,350				
				1956	Feb. 6, 1956	5.2	4,230
1948	Feb. 13, 1948	7.1	6,640	1957	Feb. 1, 1957	5.0	3,980
	Mar. 23, 1948	4.45	3,230	1958	(a)	7.2	6,770
				1959	Jan. 21, 1959	3.25	1,900
1949	Nov. 28, 1948	6.25	5,480	1960	Mar. 2, 1960	6.5	5,860

a Not determined.

4515. Sipsey Fork near Arley, Ala.
(Published as Sipsey Fork of Mulberry Fork of Black Warrior River near Arley, 1936-40)

Location.--Lat 33°59', long 87°13', in N½ sec.19, T.12 S., R.6 W., at Duncan Bridge, 3 miles downstream from Clear Creek and 5 miles south of Arley.

Drainage area.--529 sq mi.

Gage.--Nonrecording.

Stage-discharge relation.--Defined by current-meter measurements below 24,000 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1936	Feb. 4, 1936	51.0	33,600	1941	Mar. 7, 1941	14.3	6,070
1937	Apr. 29, 1937	34.5	21,500	1942	Mar. 17, 1942	21.52	10,800
1938	Apr. 8, 1938	32.5	19,500	1943	Dec. 28, 1942	38.15	22,600
1939	Feb. 28, 1939	41.8	28,000	1944	Mar. 29, 1944	42.85	26,700
	Feb. 28, 1939	43.0	-	1945	Feb. 13, 1945	-	18,900
1940	July 9, 1940	-	12,000		Feb. 13, 1945	32.26	-
	July 9, 1940	22.95	-				

4520. Sipsey Fork near Jasper, Ala.

Location.--Lat 33°54'40", long 87°05'00", in SE¼ sec.17, T.13 S., R.5 W., near left bank on downstream side of bridge on State Highway 69, 200 ft downstream from Mill Creek, a third of a mile upstream from Boyd Creek, 3⅝ miles downstream from Ryan Creek, 11 miles upstream from mouth, and 13.7 miles northeast of Jasper.

Drainage area.--971 sq mi.

Gage.--Nonrecording prior to Sept. 23, 1953; recording thereafter. Datum of gage is 253.77 ft above mean sea level, datum of 1929, supplementary adjustment of 1944.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 18,000 cfs. Flow completely regulated by Lewis Smith Reservoir since Sept. 27, 1960.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1953	Feb. 21, 1953	44.4	33,200	1956	Apr. 6, 1956	35.6	22,500
1954	Jan. 16, 1954	43.6	32,000	1957	Feb. 2, 1957	45.3	34,400
	Jan. 22, 1954	45.0	34,000	1958	Nov. 14, 1957	34.7	21,500
1955	Dec. 30, 1954	34.92	21,400		Nov. 19, 1957	53.1	47,300
	Feb. 6, 1955	43.14	31,300		Apr. 29, 1958	37.6	24,700
	Feb. 23, 1955	32.35	18,700				
	Mar. 22, 1955	51.20	43,900	1959	Jan. 22, 1959	31.7	18,500
1956	Feb. 4, 1956	39.8	27,100	1960	Mar. 4, 1960	35.3	22,100
	Feb. 20, 1956	31.6	18,400				

4525. Sipsey Fork near Sipsey, Ala.
(Formerly published as Sipsey Fork of Mulberry Fork of Black Warrior River near Sipsey)

Location.--Lat 33°52'14", long 87°04'04", in NE¼ sec.33, T.13 S., R.5 W., 200 ft downstream from Lieth Creek, 3½ miles northeast of Sipsey, and 5 miles upstream from mouth.

Drainage area.--994 sq mi.

Gage.--Nonrecording. Datum of gage is 245.77 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements. Affected by variable fall.

Bankfull stage.--28 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1900	March 1900	62	-	1933	Oct. 17, 1932	51.60	-
				1934	Mar. 3, 1934	-	32,400
1929	Mar. 23, 1929	56.0	50,300		Mar. 4, 1934	41.85	-
1930	Nov. 14, 1929	56.30	50,400	1935	Mar. 13, 1935	-	31,200
					Mar. 13, 1935	40.85	-
1931	Nov. 16, 1930	-	19,200				
	Nov. 16, 1930	32.0	-	1936	Feb. 4, 1936	57.0	51,400
1932	Mar. 31, 1932	-	18,600	1937	Apr. 30, 1937	-	34,900
1933	Oct. 17, 1932	-	46,200		Apr. 30, 1937	43.9	-

4530. Blackwater Creek near Manchester, Ala.

Location.--Lat 33°54'30", long 87°15'25", in SE¼ sec.15, T.13 S., R.7 W., on right bank at downstream side of bridge on county road, a quarter of a mile downstream from small unnamed tributary, 2 miles east of Manchester, and 5½ miles north of Jasper.

Drainage area.--188 sq mi.

Gage.--Nonrecording prior to Dec. 12, 1938; recording thereafter. Datum of gage is 401.04 ft above mean sea level, datum of 1929, unadjusted.

Stage-discharge relation.--Defined by current-meter measurements below 6,500 cfs and extended above by logarithmic plotting.

Remarks.--Base for partial-duration series, 1,800 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Jan. 13, 1939	5.82	1,910	1950	Aug. 31, 1950	6.53	2,250
	Feb. 6, 1939	7.26	3,310				
	Feb. 28, 1939	9.82	6,200	1951	Feb. 4, 1951	7.3	3,050
	Mar. 6, 1939	6.25	2,500		Mar. 30, 1951	11.0	7,350
					Apr. 21, 1951	6.5	2,250
1940	July 9, 1940	6.37	2,600				
				1952	Dec. 20, 1951	6.8	2,550
1941	Mar. 8, 1941	5.53	1,520		Dec. 26, 1951	6.21	1,970
					Mar. 12, 1952	6.10	1,880
1942	Mar. 18, 1942	5.66	1,660				
				1953	Feb. 24, 1953	7.2	2,950
1943	Dec. 28, 1942	7.18	3,140		May 4, 1953	7.3	3,050
	Mar. 15, 1943	6.70	2,920				
	Mar. 21, 1943	6.24	2,480	1954	Jan. 16, 1954	6.63	2,500
					Jan. 22, 1954	6.93	2,850
1944	Mar. 1, 1944	6.37	2,240				
	Mar. 30, 1944	8.56	4,670	1955	Feb. 6, 1955	7.07	3,110
	Apr. 11, 1944	6.76	2,640		Feb. 23, 1955	6.04	1,990
					Mar. 22, 1955	7.23	3,220
1945	Feb. 13, 1945	6.59	2,490		Apr. 14, 1955	6.41	2,340
	Mar. 4, 1945	7.07	3,110				
				1956	Feb. 6, 1956	6.77	2,720
1946	Jan. 9, 1946	11.49	8,050		Feb. 20, 1956	6.66	2,620
	Feb. 11, 1946	9.11	4,880		Mar. 16, 1956	6.29	2,240
					Apr. 6, 1956	6.33	2,290
1947	Nov. 11, 1946	6.92	2,650				
	Jan. 20, 1947	7.50	3,250	1957	Dec. 16, 1956	6.35	2,300
	Mar. 8, 1947	6.92	2,650		Dec. 24, 1956	6.16	2,100
					Feb.2,3, 1957	7.4	3,440
1948	Feb. 14, 1948	8.04	3,800		Apr. 4, 1957	6.20	2,150
	Mar. 6, 1948	6.10	1,880				
				1958	Nov. 14, 1957	6.8	2,780
1949	Nov. 28, 1948	7.98	3,800		Nov. 18, 1957	10.0	6,300
	Jan. 7, 1949	9.9	6,070		Apr. 29, 1958	6.3	2,250
	Jan. 24, 1949	6.60	2,350				
	Mar. 28, 1949	6.38	2,150	1959	Jan. 21, 1959	6.76	2,720
	June 16, 1949	6.27	2,060				
				1960	Jan. 30, 1960	5.93	1,890
1950	Jan. 8, 1950	10.0	6,200		Mar. 3, 1960	7.30	3,330
	Feb. 2, 1950	7.02	2,750				
	Feb. 16, 1950	6.40	2,150	1961	Feb. 23, 1961	13.10	10,600
	Mar. 13, 1950	9.22	5,190		Mar. 10, 1961	6.37	2,170
	July 15, 1950	6.49	2,250		Mar. 31, 1961	6.99	2,840

4535. Mulberry Fork near Cordova, Ala.
(Published as Black Warrior River near Cordova)

Location.--Lat 33°45'27", long 87°10'13", in NW¼ sec.9, T.15 S., R.6 W., at St. Louis-San Francisco Railway bridge, just downstream from Cane Creek, 1 mile east of Cordova, and 12 miles downstream from Sipsey Fork.

Drainage area.--1,927 sq mi.

Gage.--Nonrecording. Altitude of gage is 250 ft (from topographic map).

Stage-discharge relation.--Defined by current-meter measurements below 20,000 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges of Mulberry Fork near Cordova, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1900	June 25, 1900	-	a49,300	1907	Mar. 3, 1907	-	b30,100
				1908	Mar. 24, 1908	-	b38,400
1901	Jan. 12, 1901	-	b47,400	1909	Mar. 14, 1909	-	b60,400
1902	Mar. 30, 1902	-	b57,000	1910	Feb. 18, 1910	-	b18,200
1903	Feb. 17, 1903	-	b43,000				
1904	Mar. 28, 1904	-	b11,600	1911	Jan. 3, 1911	-	b43,200
1905	Feb. 10, 1905	-	b43,200	1912	Apr. 18, 1912	-	b40,200
1906	Jan. 23, 1906	-	b49,400				

a Maximum daily discharge during period May to September. b Maximum daily mean discharge.

4539.5. Lost Creek near Jasper, Ala.

Location.--In NW¼ sec.21, T.14 S., R.8 W., at bridge on U.S. Highway 78, 6 miles west of Jasper.

Drainage area.--112 sq mi.

Gage.--Crest-stage gage.

Stage-discharge relation.--Not defined.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Mar. 29, 1951	24.8	11,600	1957	Apr. 5, 1957	17.7	5,300
1952	Mar. 11, 1952	17.2	4,900	1958	Nov. 19, 1957	23.4	10,000
				1959	Jan. 21, 1959	16.3	4,300
1954	Jan. 16, 1954	20.0	7,100	1960	Mar. 3, 1960	21.7	8,600
1955	Feb. 6, 1955	21.2	8,100				
				1961	Feb. 23, 1961	24.75	11,500
1956	Mar. 15, 1956	17.4	5,100				

4540. Lost Creek near Oakman, Ala.

Location.--Lat 33°45'50", long 87°21'30", in SE¼ sec.3, T.15 S., R.8 W., on right bank on downstream side of bridge on State Highway 69, a quarter of a mile upstream from Wolf Branch, three-quarters of a mile downstream from Pumpkin Creek, 4 miles northeast of Oakman, and 6½ miles southwest of Jasper.

Drainage area.--130 sq mi.

Gage.--Recording. Altitude of gage is 280 ft (from topographic map).

Stage-discharge relation.--Defined by current-meter measurements below 10,000 cfs and a contracted-opening measurement at 19,400 cfs.

Bankfull stage.--13 ft.

Remarks.--Base for partial-duration series, 3,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	Dec. 21, 1951	16.5	3,550	1957	Dec. 23, 1956	14.6	3,160
					Feb. 1, 1957	15.4	3,290
1953	Feb. 22, 1953	17.5	3,850		Apr. 5, 1957	15.2	3,230
	May 5, 1953	15.3	3,190				
				1958	Nov. 16, 1957	17.8	4,050
1954	Jan. 16, 1954	17.68	3,910		Nov. 19, 1957	24.9	9,760
	Jan. 23, 1954	17.30	3,790		Apr. 30, 1958	14.6	3,050
1955	Feb. 7, 1955	18.80	4,290	1959	Jan. 21, 1959	15.3	3,260
	Mar. 22, 1955	15.60	3,280				
				1960	Mar. 3, 1960	20.50	5,180
1956	Feb. 4, 1956	15.0	3,300				
	Feb. 20, 1956	14.2	3,020	1961	Feb. 23, 1961	30.73	19,400

4545. Locust Fork below Snead, Ala.

Location.--Lat 34°08', long 86°23', in SE¼ sec.25, T.10 S., R.2 E., on right bank on upstream side of pier of bridge on State Highway 75, half a mile downstream from Mud Creek, 1½ miles upstream from Slab Creek, and 2¼ miles northwest of Snead.

Drainage area.--147 sq mi.

Gage.--Recording prior to Oct. 1, 1957; crest-stage gage thereafter. Datum of gage is 702.94 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 10,000 cfs.

Bankfull stage.--16 ft.

Remarks.--Base for partial-duration series, 2,600 cfs. Only annual peaks are shown since 1957.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1953	Jan. 10, 1953	17.8	4,720	1957	Jan. 31, 1957	13.7	3,400
	Feb. 21, 1953	12.0	2,630		Feb. 3, 1957	14.3	3,640
	May 19, 1953	13.3	3,080		Apr. 5, 1957	13.7	3,400
1954	Jan. 16, 1954	25.1	7,750	1958	Dec. 20, 1957	9.0	1,600
	Jan. 22, 1954	13.4	3,120	1959	Jan. 21, 1959	14.6	3,550
				1960	Mar. 3, 1960	16.9	4,380
1955	Feb. 6, 1955	16.52	4,240				
				1961	Feb. 22, 1961	29.65	12,100
1956	Feb. 4, 1956	15.4	3,830				
	Feb. 20, 1956	13.0	2,980				
	Apr. 15, 1956	17.8	4,720				

4550. Locust Fork near Cleveland, Ala.

Location.--Lat 34°02', long 86°34', in NE¼ sec.6, T.12 S., R.1 E., on downstream side of pier near center of bridge on U.S. Highway 231, 2 miles north of Cleveland and 2½ miles downstream from Graves Creek.

Drainage area.--309 sq mi.

Gage.--Nonrecording prior to Apr. 12, 1945; recording thereafter. At site 200 ft upstream prior to Apr. 20, 1940. Datum of gage is 536.94 ft above mean sea level, datum of 1929 (Corps of Engineers bench mark).

Stage-discharge relation.--Defined by current-meter measurements below 34,000 cfs.

Remarks.--Base for partial-duration series, 11,000 cfs. Only annual peaks are shown prior to 1945.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1937	Jan. 3, 1937	13.7	17,000	1950	Mar. 13, 1950	13.7	22,700
1938	Apr. 8, 1938	15.7	21,600				
1939	Feb. 28, 1939	11.7	12,600	1951	Mar. 29, 1951	14.54	26,700
1940	Apr. 4, 1940	11.0	11,200	1952	Dec. 21, 1951	10.9	12,200
1941	Aug. 1, 1941	14.0	21,800				
1942	Feb. 17, 1942	a10.0	a11,000	1953	Jan. 10, 1953	9.6	8,800
1943	Dec. 28, 1942	19.2	47,000				
1944	Feb. 27, 1944	10.8	13,000	1954	Jan. 16, 1954	11.8	15,000
	Mar. 29, 1944	11.44	-				
				1955	Feb. 6, 1955	9.80	9,120
1945	Feb. 13, 1945	12.0	13,800				
				1956	Apr. 16, 1956	9.70	8,880
1946	Jan. 8, 1946	10.40	12,300				
	Feb. 10, 1946	12.90	19,400	1957	Feb. 3, 1957	8.6	6,630
1947	Jan. 15, 1947	11.60	14,800	1958	Nov. 19, 1957	8.6	6,630
	Jan. 20, 1947	11.76	15,400				
				1959	Jan. 22, 1959	8.4	6,270
1948	Feb. 14, 1948	11.0	12,500				
				1960	Mar. 3, 1960	10.0	9,600
1949	Nov. 28, 1948	14.60	27,300				
	Jan. 5, 1949	15.9	35,100	1961	Feb. 22, 1961	13.91	23,600

a Maximum observed.

4555. Locust Fork at Trafford, Ala.
(Published as Locust Fork of Black Warrior River prior to 1941)

Location.--Lat 33°50', long 86°45', in SW¼ sec.9, T.14 S., R.2 W., on left bank 50 ft downstream from highway bridge, three-quarters of a mile northwest of Trafford, 1½ miles east of Coaldale, and 2¾ miles upstream from Gurley Creek.

Drainage area.--625 sq mi.

Gage.--Nonrecording prior to Jan. 27, 1934; recording thereafter. Datum of gage is 309.12 ft above mean sea level, datum of 1929 (Corps of Engineers bench mark).

Stage-discharge relation.--Defined by current-meter measurements. Affected by rate of change in stage at times.

Remarks.--Base for partial-duration series, 17,000 cfs. Only annual peaks are shown prior to 1935.

Peak stages and discharges of Locust Fork at Trafford, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1908	-	60	-	1946	Jan. 8, 1946	29.37	17,300
					Feb. 10, 1946	45.6c	38,000
1931	Nov. 17, 1930	31.50	20,000		Feb. 11, 1946	45.7c	-
1932	Jan. 30, 1932	33.5	a22,200				
1933	Dec. 12, 1932	31.15	19,700	1947	Jan. 16, 1947	41.5c	32,400
1934	Mar. 4, 1934	33.91	22,000		Jan. 16, 1947	41.7c	-
					Jan. 20, 1947	39.42	28,600
1935	Oct. 11, 1934	38.95	28,100				
	Mar. 13, 1935	31.04	18,900	1948	Feb. 14, 1948	33.8	22,600
					Feb. 14, 1948	34.0	-
1936	Feb. 4, 1936	50.25	45,500				
	Feb. 5, 1936	50.48	-	1949	Nov. 29, 1948	50.53	45,600
	Apr. 2, 1936	32.54	20,400		Jan. 6, 1949	59.1	60,700
1937	Jan. 3, 1937	40.43	-	1950	Mar. 14, 1950	48.5	43,000
	Jan. 3, 1937	40.3	30,300		Mar. 14, 1950	48.8	-
	Jan. 25, 1937	31.08	19,000				
				1951	Mar. 29, 1951	53.2	51,100
1938	Apr. 9, 1938	44.8	37,000		Mar. 29, 1951	53.4	-
	Apr. 9, 1938	44.96	-				
				1952	Dec. 21, 1951	-	(b)
1939	Feb. 28, 1939	29.10	17,600		Dec. 21, 1951	-	c18,000
	Feb. 28, 1939	29.34	-				
				1953	Jan. 10, 1953	28.2	16,100
1940	Apr. 4, 1940	-	13,700				
	Apr. 5, 1940	25.46	-	1954	Jan. 16, 1954	40.4	30,000
1941	Aug. 1, 1941	38.03	28,000	1955	Feb. 7, 1955	30.7	18,600
	Aug. 2, 1941	38.43	-				
				1956	Apr. 16, 1956	31.1	19,000
1942	Feb. 17, 1942	35.36	24,300				
	Feb. 17, 1942	35.57	-	1957	Feb. 4, 1957	25.5	13,600
1943	Dec. 29, 1942	56.38	55,800	1958	Nov. 19, 1957	22.2	10,800
1944	Mar. 29, 1944	35.60	24,300	1959	Jan. 22, 1959	24.0	12,300
	Mar. 29, 1944	35.7	-				
				1960	Mar. 3, 1960	33.8c	21,900
1945	Feb. 13, 1945	34.60	23,500				
	Feb. 13, 1945	34.8	-	1961	Feb. 23, 1961	53.3e	47,000

a Maximum during periods October to March and July to September. b Stage and discharge not determined. c Maximum daily mean discharge.

4560. Turkey Creek at Morris, Ala.

Location.--Lat 33°44'25", long 86°48'45", in SW¼ sec.12, T.15 S., R.3 W., on right bank 60 ft upstream from bridge on former U.S. Highway 31, at Morris, three-quarters of a mile downstream from Cunningham Creek, and 4 miles upstream from mouth.

Drainage area.--81.5 sq mi.

Gage.--Nonrecording. Datum of gage is 345.18 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 9,000 cfs and extended above by logarithmic plotting.

Bankfull stage.--12 ft.

Remarks.--Base for partial-duration series, 2,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1943	December 1942	22.6	-	1947	Jan. 20, 1947	-	8,140
					Mar. 6, 1947	-	5,520
1944	Mar. 29, 1944	11.0	a3,510				
				1948	Feb. 9, 1948	9.1	2,480
1945	Feb. 13, 1945	15.3	6,250		Feb. 14, 1948	-	2,100
	Mar. 4, 1945	-	4,550				
				1949	Nov. 19, 1948	-	3,990
1946	Jan. 9, 1946	-	2,430		Nov. 28, 1948	23.1	14,300
	Feb. 10, 1946	18.7	8,550		Jan. 5, 1949	-	11,300
					Feb. 16, 1949	-	2,200
1947	Nov. 11, 1946	-	3,630		Feb. 19, 1949	-	2,480
	Jan. 15, 1947	19.0	8,750		Mar. 31, 1949	-	2,200

a Maximum during period January to September.

Peak stages and discharges of Turkey Creek at Morris, Ala.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950	Mar. 13, 1950	16.6	7,120	1956	Mar. 16, 1956	8.55	2,270
					Apr. 6, 1956	14.4	5,650
1951	Feb. 1, 1951	8.3	2,160				
	Mar. 29, 1951	20.1	9,500	1957	Feb. 3, 1957	8.1	2,090
	Apr. 22, 1951	9.1	2,480		Apr. 4, 1957	12.5	4,420
	Sept.24, 1951	9.0	2,430				
				1958	Nov. 14, 1957	8.0	2,050
1952	Dec. 20, 1951	14.6	5,790		Dec. 20, 1957	8.3	2,160
	Dec. 26, 1951	8.2	2,130				
				1959	Jan. 21, 1959	9.5	2,730
1953	Jan. 9, 1953	15.2	6,180		Feb. 13, 1959	8.3	2,160
	Feb. 21, 1953	8.6	2,270		Mar. 11, 1959	10.3	3,130
					May 30, 1959	8.3	2,160
1954	Jan. 16, 1954	15.13	6,120				
				1960	Mar. 2, 1960	13.99	5,390
1955	Dec. 29, 1954	9.08	2,480				
	Feb. 6, 1955	14.23	5,520	1961	Feb. 21, 1961	21.88	13,000
	Mar. 22, 1955	8.50	2,240		Mar. 7, 1961	8.00	2,110
	Apr. 13, 1955	11.19	3,630		Mar. 31, 1961	13.78	5,250
1956	Feb. 4, 1956	11.6	3,870				

4565. Locust Fork at Sayre, Ala.

(Published as Locust Fork of Black Warrior River near Warrior, 1928-32)

Location.--Lat 33°42'35", long 86°59'00", in NW¼ sec.29, T.15 S., R.4 W., on right bank at downstream side of bridge on county road at Sayre, and 1½ miles downstream from Camp Creek.

Drainage area.--887 sq mi.

Gage.--Nonrecording prior to July 1, 1949; recording thereafter. At site 9 miles upstream at different datum July 1928 to March 1932. Datum of gage is 258.64 ft above mean sea level, datum of 1929 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 17,000 cfs. Only annual peaks are shown prior to 1948.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	Mar. 16, 1929	32.9	38,200	1951	Mar. 30, 1951	43.9	47,200
1930	Nov. 15, 1929	40.10	53,300				
				1952	Dec. 21, 1951	23.96	23,500
1931	Nov. 17, 1930	18.15	18,800				
1932	Jan. 30, 1932	23.35	a24,500	1953	Jan. 10, 1953	23.2	18,900
1942	Aug. 21, 1942	13.2	6,700	1954	Jan. 17, 1954	33.0	27,600
1943	Dec. 29, 1942	45.0	49,400				
1944	Mar. 30, 1944	32.01	27,500	1955	Feb. 7, 1955	27.32	20,200
1945	Feb. 14, 1945	29.5	22,800				
				1956	Apr. 17, 1956	24.8	17,400
1946	Feb. 11, 1946	38.9	37,500				
1947	Jan. 16, 1947	34.5	29,800	1957	Apr. 5, 1957	22.8	15,300
1948	Feb. 9, 1948	26.62	19,400	1958	Nov. 19, 1957	18.5	11,300
	Feb. 15, 1948	27.9	20,900				
				1959	Jan. 22, 1959	19.7	12,300
1949	Nov. 29, 1948	-	(b)				
	Jan. 7, 1949	47.9	55,300	1960	Mar. 4, 1960	27.6	20,500
	Feb. 19, 1949	24.50	17,000				
				1961	Feb. 23, 1961	48.60	54,700
1950	Mar. 14, 1950	40.0	39,400				

a Maximum during period October to March.
b Stage and discharge not determined.

4570. Fivemile Creek at Ketona, Ala.

Location.--Lat 33°36'05", long 86°45'20", in NW¼ sec.33, T.16 S., R.2 W., on left bank at downstream side of foot bridge at Ketona, 0.6 mile downstream from Barton Branch, 0.9 mile downstream from Tarrant Spring Branch, and 2 miles northeast of Tarrant City.

Drainage area.--22.8 sq mi.

Gage.--Recording prior to Oct. 1, 1958; crest-stage gage thereafter. Datum of gage is 546.70 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 1,000 cfs.

Bankfull stage.--4 ft.

Historical data.--A stage of about 12 ft has been reached on several occasions, from information by local residents.

Remarks.--Base for partial-duration series, 950 cfs. Only annual peaks are shown since 1958.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1954	Jan. 16, 1954	5.83	964	1958	Dec. 20, 1957	5.5	965
1955	Feb. 6, 1955	5.98	1,030	1959	Sept.15, 1959	6.5	1,300
1956	Apr. 5, 1956	5.66	1,130	1960	Nov. 27, 1959	4.6	670
1957	Apr. 4, 1957	5.47	965	1961	Feb. 21, 1961	10.37	(a)

a Discharge not determined.

4605. Village Creek near Adamsville, Ala.

Location.--Lat 33°36'20", long 87°00'25", in E½ sec.36, T.16 S., R.5 W., on right bank at downstream side of highway bridge, a quarter of a mile upstream from Canoe Creek, 3.5 miles west of Adamsville, and 8 miles upstream from mouth.

Drainage area.--84.1 sq mi.

Gage.--Recording prior to Oct. 1, 1958; crest-stage gage thereafter. Altitude of gage is 340 ft (by barometer).

Stage-discharge relation.--Defined by current-meter measurements below 4,500 cfs and extended above by slope-area measurement at 13,800 cfs.

Bankfull stage.--14 ft.

Historical data.--A stage of about 21 ft has been reached on several occasions, from information by local residents.

Remarks.--Base for partial-duration series, 3,000 cfs. Only annual peaks are shown since 1958.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1954	Jan. 16, 1954	11.3	4,410	1957	Sept.16, 1957	10.0	3,800
1955	Feb. 6, 1955	13.38	6,020	1958	Dec. 20, 1957	8.9	3,040
1956	Feb. 4, 1956	11.8	4,760	1959	May 31, 1959	12.5	5,300
	Apr. 6, 1956	11.8	5,390	1960	Mar. 3, 1960	11.0	4,400
1957	Mar. 25, 1957	10.9	4,430	1961	Feb. 22, 1961	19.04	13,800
	Apr. 4, 1957	11.3	4,710				

4620. Valley Creek near Oak Grove, Ala.

Location.--Lat 33°26'50", long 87°07'20", in NW¼ sec.25, T.18 S., R.6 W., near center of span on downstream side of highway bridge, 1,000 ft downstream from Raccoon Branch, 1.5 miles east of Oak Grove, and 10.5 miles west of Bessemer.

Drainage area.--145 sq mi.

Gage.--Recording Aug. 1, 1953, to Sept. 30, 1958; crest-stage gage thereafter. Altitude of gage is 320 ft (by barometer).

Stage-discharge relation.--Defined by current-meter measurements below 7,600 cfs, and extended above by contracted-opening measurement at 23,000 cfs.

Historical data.--Maximum known stage, that of July 1916, from information from local resident.

Bankfull stage.--22 ft.

Remarks.--Base for partial-duration series, 5,000 cfs. Only annual peaks are shown since 1958.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1916	July 1916	29.6	-	1957	Mar. 25, 1957	12.9	5,050
					Apr. 4, 1957	19.8	8,170
1936	-	28	-				
				1958	Feb. 6, 1958	15.75	6,390
1954	Jan. 16, 1954	20.7	8,570				
				1959	May 31, 1959	18.3	7,510
1955	Feb. 6, 1955	20.55	8,520	1960	Mar. 3, 1960	14.2	5,650
	Mar. 22, 1955	15.40	6,200				
				1961	Feb. 21, 1961	28.86	23,000
1956	Apr. 6, 1956	20.65	8,520				

4625. Black Warrior River at lock 17, near Bessemer, Ala.

Location.--Lat 33°27', long 87°21', in T.18 S., R.8 W., at lock and dam 17 (Bankhead Lake), 1½ miles downstream from Big Yellow Creek and 23 miles west of Bessemer.

Drainage area.--3,990 sq mi.

Gage.--Nonrecording. Datum of gage is 173.11 ft above mean sea level (Corps of Engineers bench mark).

Stage-discharge relation.--Defined by current-meter measurements below 22,000 cfs, and extended above on basis of weir formula $Q = CLH^{3/2}$, using a value for C determined by the measurements below 22,000 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	Mar. 15, 1929	78.60	109,000	1933	Oct. 17, 1932	77.56	91,300
1930	Nov. 15, 1929	79.94	133,000	1934	Mar. 4, 1934	77.06	83,100
				1935	Mar. 6, 1935	76.82	78,300
1931	Nov. 16, 1930	75.20	54,800				
1932	Feb. 16, 1932	75.88	64,600	1936	Feb. 4, 1936	79.08	118,000

4628. Davis Creek below Abernant, Ala.

Location.--Lat 33°18'30", long 87°13'10", in SE¼ sec.12, T.20 S., R.7 W., near right bank on downstream side of bridge on county road, 0.2 mile downstream from Lye Branch, 0.6 mile downstream from Texas Creek, 2 miles northwest of Abernant, and 2¾ miles downstream from Rockcastle Creek.

Drainage area.--45.2 sq mi.

Gage.--Recording. Altitude of gage is 410 ft (from topographic map).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 2,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1957	Apr. 4, 1957	11.1	2,630	1960	Mar. 2, 1960	6.92	1,290
1958	May 2, 1958	8.3	1,750	1961	Feb. 21, 1961	18.30	5,800
1959	Jan. 21, 1959	7.45	1,450		Mar. 31, 1961	10.66	2,520

4635. Hurricane Creek near Holt, Ala.

Location.--Lat 33°12'45", long 87°26'55", in S½ sec.14, T.21 S., R.9 W., on left bank on downstream side of pier of bridge on State Highway 116, half a mile downstream from Cottondale Creek, 2¾ miles southeast of Holt, and 6 miles upstream from mouth.

Drainage area.--108 sq mi.

Gage.--Recording. Datum of gage is 173.70 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--Flood in March 1951 reached a stage of 19.6 ft, from information by local resident.

Remarks.--Base for partial-duration series, 3,500 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1953	Jan. 9, 1953	8.84	4,530	1958	May 2, 1958	12.84	6,940
	Apr. 30, 1953	8.00	3,810	1959	Jan. 21, 1959	7.0	2,770
1954	Jan. 16, 1954	10.5	6,200	1960	Jan. 30, 1960	7.83	3,330
1955	Feb. 6, 1955	13.71	7,660	1961	Feb. 21, 1961	22.33	16,800
	Apr. 13, 1955	8.50	3,820		Mar. 7, 1961	9.91	4,730
1956	Apr. 6, 1956	14.64	8,380		Mar. 31, 1961	10.85	5,430
1957	Apr. 4, 1957	10.9	5,500				

4640. North River near Samantha, Ala.

Location.--Lat 33°28'45", long 87°35'50", in SW¼ sec.16, T.18 S., R.10 W., on left bank about 100 ft downstream from highway bridge, half a mile east of Crump's Store, 1¼ miles upstream from Cripple Creek, and 4 miles north of Samantha.

Drainage area.--219 sq mi.

Gage.--Nonrecording prior to Jan. 25, 1939; recording Jan. 25, 1939, to Sept. 30, 1954; crest-stage gage thereafter. Datum of gage is 232.39 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--Floods in July 1916 and February 1936 reached a stage of about 31 ft, from information by local residents.

Remarks.--Base for partial-duration series, 4,800 cfs. Only annual peaks are shown since 1954.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Feb. 11, 1939	13.62	6,330	1949	Nov. 28, 1948	20.5	10,400
	Feb. 28, 1939	22.96	12,000		Jan. 5, 1949	15.53	7,150
	Mar. 6, 1939	13.26	6,130		May 2, 1949	13.92	6,160
1940	Feb. 6, 1940	13.76	6,470	1950	Jan. 7, 1950	25.80	13,900
	July 4, 1940	14.35	6,880		Feb. 14, 1950	12.90	5,560
					Mar. 13, 1950	26.0	14,000
1941	Mar. 7, 1941	9.83	3,900		Apr. 28, 1950	16.13	7,590
1942	Feb. 17, 1942	13.43	6,200	1951	Feb. 1, 1951	14.2	6,340
	June 12, 1942	12.83	5,800		Mar. 29, 1951	30.7	18,000
					Apr. 22, 1951	14.1	6,280
1943	Dec. 28, 1942	15.95	a8,000				
	Mar. 13, 1943	14.47	6,950	1952	Dec. 21, 1951	16.3	7,650
	Mar. 21, 1943	11.29	4,820		Mar. 11, 1952	11.8	5,000
1944	Mar. 19, 1944	13.36	5,860	1953	Feb. 21, 1953	14.2	6,380
	Mar. 29, 1944	16.96	8,100		Apr. 30, 1953	14.2	6,380
	Apr. 11, 1944	13.09	5,680		May 4, 1953	13.10	5,830
1945	Feb. 13, 1945	13.29	5,800	1954	Jan. 16, 1954	17.06	8,160
	Mar. 4, 1945	13.68	6,040		Jan. 22, 1954	12.02	5,280
	May 13, 1945	12.98	5,620				
				1955	Feb. 6, 1955	18.6	9,140
1946	Feb. 10, 1946	19.69	9,950				
				1956	Apr. 6, 1956	12.2	5,380
1947	Nov. 11, 1946	13.90	6,160	1957	Dec. 23, 1956	14.6	6,590
	Jan. 20, 1947	14.63	6,590	1958	Nov. 19, 1957	15.3	7,020
				1959	Jan. 22, 1959	14.8	6,710
1948	Feb. 9, 1948	13.1	5,680	1960	Mar. 3, 1960	19.2	9,530
1949	Nov. 19, 1948	15.52	7,150	1961	Feb. 22, 1961	30.32	17,600

a Discharge estimated.

4645. North River near Tuscaloosa, Ala.

Location.--Lat 33°21'10", long 87°33'25", in NW¼ sec.35., T.19 S., R.10 W., on downstream side of pier near center of bridge on State Highway 69, 1,000 ft upstream from Tierce Creek and 10 miles north of Tuscaloosa.

Drainage area.--366 sq mi.

Gage.--Recording. Datum of gage is 155.24 ft above mean sea level, datum of 1929 (levels by Parker Engineering Co.).

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--Flood of July 1916 reached a stage of 30.9 ft and flood of March 1951 reached a stage of 29.6 ft, from information by local residents.

Remarks.--Base for partial-duration series, 6,200 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1916	July 1916	a30.9	-	1956	Mar. 16, 1956	10.05	6,800
					Apr. 6, 1956	13.20	8,700
1951	March 1951	a29.6	-	1957	Dec. 23, 1956	13.8	9,000
1952	Dec. 21, 1951	15.5	9,850		Apr. 4, 1957	10.2	6,920
	Mar. 11, 1952	9.9	6,530	1958	Nov. 14, 1957	11.2	7,520
1953	Jan. 9, 1953	11.6	7,760		Nov. 19, 1957	12.2	8,120
	Feb. 21, 1953	12.3	8,180				
	Apr. 30, 1953	13.5	8,850	1959	Jan. 22, 1959	12.6	8,360
	May 5, 1953	10.3	6,980	1960	Jan. 30, 1960	13.42	8,880
1954	Jan. 16, 1954	15.30	9,750		Mar. 3, 1960	17.12	11,500
1955	Feb. 7, 1955	18.43	11,300	1961	Feb. 22, 1961	33.10	27,200
					Mar. 7, 1961	10.13	6,880
1956	Feb. 4, 1956	9.37	6,420		Mar. 31, 1961	-	(b)

a Annual peak only.
b Stage and discharge unknown.

4650. Black Warrior River at Tuscaloosa, Ala.

Location.--Lat 33°12'50", long 87°34'25", in SW¼ sec.15, T.21 S., R.10 W., near right bank on downstream side of pier of bridge on U.S. Highway 82, in Tuscaloosa, a quarter of a mile upstream from Gulf, Mobile and Ohio Railroad bridge and three-quarters of a mile upstream from Oliver lock and dam.

Drainage area.--4,828 sq mi.

Gage.--Nonrecording prior to Aug. 29, 1939; recording thereafter. At site a third of a mile downstream at datum 2.5 ft higher than present datum prior to December 1905. At site just above former lock 10, half a mile upstream Aug. 1, 1928, to Aug. 28, 1939. At site a quarter of a mile downstream Aug. 29, 1939, to Mar. 19, 1951. Datum of gage is 83.35 ft above mean sea level, datum of 1929, supplementary adjustment of 1944. Since Apr. 19, 1944, auxiliary recording, and Aug. 29, 1939, to Apr. 18, 1944, auxiliary nonrecording, 500 ft downstream from Oliver lock and dam at datum 1.08 ft lower.

Stage-discharge relation.--Defined by current-meter measurements. Affected by variable submergence of lock and dam downstream.

Bankfull stage.--56 ft.

Historical data.--Maximum stage known, that of Apr. 18, 1900.

Remarks.--Base for partial-duration series, 85,000 cfs. Only annual peaks are shown prior to 1948.

Peak stages and discharges of Black Warrior River at Tuscaloosa, Ala.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1900	Apr. 18, 1900	67.7	215,000	1948	Feb. 14, 1948	59.9	121,000
1929	Mar. 15, 1929	62.2	132,000	1949	Nov. 28, 1948	-	169,000
1930	Nov. 15, 1929	65.10	166,000		Nov. 29, 1948	63.04	-
					Jan. 5, 1949	63.70	177,000
1931	Nov. 17, 1930	49.80	55,500		Jan. 6, 1949	63.90	-
1932	Feb. 17, 1932	54.8	78,000				
1933	Oct. 17, 1932	61.30	127,000	1950	Jan. 8, 1950	58.90	110,000
	Oct. 18, 1932	61.40	-		Mar. 14, 1950	62.00	152,000
1934	Mar. 4, 1934	-	99,700				
	Mar. 4, 1934	57.60	-	1951	Mar. 29, 1951	65.97	223,000
1935	Mar. 7, 1935	-	106,000				
	Mar. 7, 1935	58.8	-	1952	Dec. 21, 1951	53.4	120,000
					Dec. 21, 1951	56.3	-
1936	Feb.4,5, 1936	-	148,000				
	Feb. 5, 1936	63.5	-	1953	Jan. 9, 1953	54.1	97,700
1937	Jan. 3, 1937	58.56	107,000				
	Jan. 3, 1937	58.7	-	1954	Jan. 16, 1954	56.7	127,000
1938	Apr. 8, 1938	62.3	144,000		Jan. 17, 1954	57.14	-
	Apr. 8, 1938	63.0	-				
1939	Mar. 1, 1939	-	121,000	1955	Feb. 7, 1955	56.66	113,000
	Mar. 1, 1939	59.72	-				
1940	Feb. 6, 1940	55.0	112,000	1956	Feb. 5, 1956	54.29	95,200
	Feb. 6, 1940	55.17	-		Apr. 6, 1956	54.27	98,000
					Apr. 6, 1956	54.36	-
1941	Mar. 7, 1941	47.49	55,900				
1942	Feb. 18, 1942	53.30	87,800	1957	Feb. 4, 1957	52.64	-
1943	Dec. 29, 1942	59.4	117,000		Apr. 5, 1957	50.82	83,000
	Dec. 30, 1942	60.00	-				
1944	Mar. 29, 1944	61.30	150,000	1958	Nov. 20, 1957	53.67	94,300
	Mar. 29, 1944	61.58	-				
1945	Feb. 14, 1945	55.56	93,500	1959	Jan. 22, 1959	48.55	69,800
1946	Feb. 10, 1946	62.35	169,000	1960	Mar. 3, 1960	53.76	96,000
	Feb. 11, 1946	63.25	-				
1947	Jan. 20, 1947	60.1	146,000	1961	Feb. 21, 1961	66.21	224,000
	Jan. 20, 1947	60.9	-		Feb. 22, 1961	66.81	-
1948	Feb. 9, 1948	57.51	106,000		Mar. 31, 1961	54.58	99,100

4652. Lake Creek near Northport, Ala.

Location.--Lat 33°17'10", long 87°41'00", in NE¼ sec.28, T.20 S., R.11 W., on right bank 300 ft upstream from dam and 9 miles northwest of Northport.

Drainage area.--3.25 sq mi.

Gage.--Recording.

Stage-discharge relation.--Defined by current-meter measurements below 26 cfs and extended above by theoretical weir rating.

Remarks.--Base for partial-duration series, 30 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1957	Dec. 22, 1956	1.42	44	1960	Nov. 5, 1959	1.47	34
	Apr. 4, 1957	1.34	32		Jan. 30, 1960	1.63	52
					Mar. 2, 1960	1.74	67
1958	Feb. 6, 1958	1.34	30				
	May 2, 1958	1.45	45	1961	Feb. 21, 1961	2.97	448
					Mar. 31, 1961	1.71	71
1959	May 30, 1959	1.57	45				

4655. Fivemile Creek near Greensboro, Ala.

Location.--Lat 32°50', long 87°36', in N½ sec.5, T.21 N., R.5 E., near center of channel on downstream side of bridge on State Highway 69, 8½ miles north of Greensboro and 12 miles upstream from mouth.

Drainage area.--72.2 sq mi.

Gage.--Recording. Altitude of gage is 160 ft (by barometer).

Stage-discharge relation.--Defined below 6,400 cfs by current-meter measurements.

Bankfull stage.--4 ft.

Remarks.--Base for partial-duration series, 900 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Feb. 7, 1955	7.11	1,200	1958	Feb. 7, 1958	6.86	955
	Apr. 14, 1955	7.90	2,470				
				1959	Feb. 10, 1959	6.40	628
1956	Feb. 5, 1956	7.17	1,240				
	Mar. 16, 1956	8.37	3,540	1960	Jan. 30, 1960	6.88	974
	Mar. 29, 1956	6.84	919				
	Apr. 6, 1956	8.28	3,350	1961	Feb. 22, 1961	9.84	7,200
	Apr. 16, 1956	7.65	1,910		Mar. 31, 1961	7.92	2,290
1957	Apr. 5, 1957	7.65	2,070				

4660. Black Warrior River near Eutaw, Ala.

Location.--Lat 32°49'05", long 87°49'00", in SE¼ sec.6, T.21 N., R.3 E., on downstream side of right main channel pier of bridge on State Highway 41 between Eutaw and Wedgeworth, 1¼ miles downstream from Big Creek and 4 miles southeast of Eutaw.

Drainage area.--5,797 sq mi.

Gage.--Recording. Datum of gage is 53.11 ft above mean sea level, adjustment of 1912. Prior to Jan. 10, 1955, auxiliary nonrecording at lock 7, 3 miles downstream. Jan. 11, 1955, to Sept. 30, 1956, auxiliary nonrecording at lock 8, 12 miles upstream. Oct. 1, 1956, to Sept. 3, 1957, auxiliary recording at Demopolis lock and dam; auxiliary recording at Warrior lock and dam, 4 miles downstream thereafter.

Stage-discharge relation.--Defined by current-meter measurements. Affected by variable slope.

Bankfull stage.--48 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1933	Dec. 16, 1932	-	85,600	1945	Feb. 24, 1945	48.2	-
	Dec. 17, 1932	54.41	-				
1934	Mar. 7, 1934	-	68,200	1946	Feb. 13, 1946	55.7	134,000
	Mar. 8, 1934	51.01	-		Feb. 14, 1946	55.9	-
1935	Mar. 9, 1935	-	72,700	1947	Jan. 23, 1947	55.2	114,000
	Mar. 10, 1935	52.19	-	1948	Feb. 16, 1948	54.6	102,000
				1949	Jan. 9, 1949	56.6	158,000
1936	Feb. 7, 1936	-	130,000		Jan. 9, 1949	56.8	-
	Feb. 8, 1936	56.3	-	1950	Mar. 17, 1950	54.2	103,000
1937	Jan. 6, 1937	50.38	66,700				
	Jan. 29, 1937	51.8	-	1951	Apr. 1, 1951	58.8	183,000
1938	Apr. 11, 1938	-	122,000		Apr. 1, 1951	59.1	-
	Apr. 11, 1938	55.74	-	1952	Dec. 24, 1951	46.7	54,600
1939	Mar. 4, 1939	-	69,300		Dec. 25, 1951	48.0	-
	Mar. 5, 1939	52.11	-	1953	Feb. 25, 1953	47.6	54,700
1940	July 18, 1940	48.68	50,400		Feb. 27, 1953	48.0	-
				1954	Jan. 20, 1954	47.2	55,400
1941	Mar. 9, 1941	38.93	39,500	1955	Feb. 9, 1955	45.3	51,700
	Mar. 10, 1941	39.72	-		Feb. 10, 1955	46.9	-
1942	Feb. 20, 1942	43.60	46,000				
	Feb. 24, 1942	45.00	-	1956	Apr. 9, 1956	46.52	52,700
1943	Jan. 2, 1943	52.5	79,800		Apr. 10, 1956	47.20	-
	Jan. 2, 1943	52.7	-	1957	Feb. 7, 1957	47.7	55,800
1944	Apr. 1, 1944	54.5	109,000				
	Apr. 1, 1944	55.0	-	1961	-	60.3	213,000
1945	Feb. 15, 1945	43.0	54,300				

4665. Prairie Creek near Gallion, Ala.

Location.--Lat 32°32', long 87°41', in SE¼ sec.9, T.18 N., R.4 E., at bridge on State Highway 13, 4 miles upstream from Little Prairie Creek and 4 miles northeast of Gallion.

Drainage area.--169 sq mi.

Gage.--Recording. Auxiliary nonrecording at lock 5 on Black Warrior River, three-quarters of a mile upstream from Prairie Creek.

Stage-discharge relation.--Defined by current-meter measurements. Affected by backwater at times from Black Warrior River.

Bankfull stage.--11 ft.

Remarks.--Base for partial-duration series, 6,000 cfs. Only annual peaks are shown prior to 1948 and since 1950.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1940	Feb. 6, 1940	15.12	7,500	1948	Mar. 6, 1948	15.01	7,200
					Mar. 23, 1948	17.1	21,100
1941	Mar. 7, 1941	15.70	10,500		Apr. 14, 1948	15.00	7,200
1942	Mar. 21, 1942	16.5	a16,300				
1943	Dec. 28, 1942	19.30	39,000	1949	Nov. 27, 1948	15.38	8,900
1944	Mar. 23, 1944	16.87	19,500		Jan. 5, 1949	15.5	9,400
1945	Mar. 26, 1945	17.6	25,100		Feb. 16, 1949	15.25	8,000
1946	Dec. 25, 1945	14.28	5,100	1950	May 21, 1950	13.73	4,280
1947	Jan. 19, 1947	16.5	16,300				
				1951	Mar. 29, 1951	18.6	32,400
1948	Mar. 3, 1948	15.38	8,900	1952	Mar. 4, 1952	15.7	10,500

a Maximum observed.

4670. Tombigbee River at Demopolis lock and dam, near Coatopa, Ala.

Location.--Lat 32°31'15", long 87°52'45", in NW¼ sec.22, T.18 N., R.2 E, on left bank 100 ft upstream from lock and dam, half a mile downstream from Foscue Creek, 2½ miles west of Demopolis, 3½ miles upstream from Hall Creek, and 13 miles east of Coatopa.

Drainage area.--15,400 sq mi, approximately.

Gage.--Nonrecording prior to Nov. 1, 1939; recording thereafter. At Moscow Memorial bridge on U.S. Highway 80, 11 miles downstream at datum 29.30 ft above mean sea level prior to Oct. 1, 1955. Datum of present gage is 56.00 ft above mean sea level, datum of 1929 (levels by Corps of Engineers).

Stage-discharge relation.--Fairly well defined by current-meter measurements. Affected by variable slope prior to Oct. 1, 1955.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	Mar. 29, 1929	51.44	179,000	1943	Mar. 26, 1943	45.3	103,000
1930	Nov. 22, 1929	50.19	164,000		Mar. 27, 1943	45.4	-
				1944	Apr. 7, 1944	48.3	140,000
1931	Apr. 8, 1931	32.11	57,500		Apr. 8, 1944	48.4	-
1932	Feb. 29, 1932	46.8	124,000	1945	Feb. 26, 1945	44.8	108,000
	Mar. 1, 1932				Feb. 28, 1945	45.0	-
1933	Dec. 22, 1932	49.53	153,000				
1934	Mar. 12, 1934	42.67	87,900	1946	Feb. 20, 1946	50.1	169,000
1935	Mar. 19, 1935	47.1	123,000	1947	Jan. 26, 1947	48.7	147,000
				1948	Feb. 23, 1948	49.1	156,000
1936	Feb. 12, 1936	48.7	145,000	1949	Jan. 14, 1949	51.1	199,000
1937	Feb. 1, 1937	46.44	113,000	1950	Jan. 18, 1950	45.9	117,000
1938	Apr.9,14,1938	49.6	158,000				
1939	Mar.7-10,1939	a45.91	104,000	1951	Apr. 6, 1951	52.4	217,000
1940	July18-21,1940	b45.14	100,000	1952	Dec. 31, 1951	38.0	77,800
				1953	Mar.2,3, 1953	44.0	101,000
1941	Mar. 11, 1941	33.87	65,600	1954	Jan. 27, 1954	36.5	76,200
	Mar. 12, 1941	34.14	-		Jan. 28, 1954	36.7	-
1942	Mar. 24, 1942	41.57	87,800	1955	Apr. 18, 1955	41.3	86,100

a Occurred Mar. 9. b Occurred July 21.

Peak stages and discharges of Tombigbee River at Demopolis lock and dam, near Coatopa, Ala.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1956	Apr. 12, 1956	24.10	104,000	1960	Mar. 9, 1960	24.07	104,000
1957	Feb.9-11,1957	24.0	102,000				
1958	Nov. 26, 1957	24.1	104,000	1961	Feb. 28, 1961	35.66	250,000
1959	Feb.17-18, 1959	22.67	76,300				

4675. Sucarnoochee River at Livingston, Ala.

Location.--Lat 32°34', long 88°12', in SW¼ sec.33, T.19 N., R.2 W., on right bank at downstream side of pier of main span of bridge on U.S. Highway 11, 500 ft upstream from Southern Railway bridge, three-quarters of a mile southwest of Livingston, and 9 miles upstream from Alamuchee Creek.

Drainage area.--606 sq mi.

Gage.--Nonrecording prior to Jan. 12, 1939; recording thereafter. Datum of gage is 90.04 ft above mean sea level, datum of 1929, supplementary adjustment of 1944.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--17 ft.

Remarks.--Base for partial-duration series, 5,000 cfs. Only annual peaks are shown prior to 1948.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Mar. 30, 1939	22.84	6,800	1952	Dec. 21, 1951	17.0	2,680
1940	July 11, 1940	24.60	11,100				
				1953	Feb. 26, 1953	21.84	5,200
1941	Mar. 11, 1941	19.97	3,620		May 3, 1953	22.93	7,090
1942	Mar. 23, 1942	24.35	10,300				
1943	Mar. 23, 1943	24.22	10,500	1954	Mar. 30, 1954	-	a3,600
1944	Mar. 31, 1944	23.02	7,280				
1945	Feb. 16, 1945	22.14	5,510	1955	Apr. 14, 1955	20.1	4,240
1946	Feb. 12, 1946	23.88	9,190	1956	Feb. 7, 1956	-	(b)
1947	Jan. 20, 1947	24.7	12,200		Mar. 18, 1956	25.6	14,700
					Apr. 8, 1956	25.6	14,700
1948	Feb. 13, 1948	22.2	5,840				
	Mar. 6, 1948	24.4	11,100	1957	Apr. 8, 1957	19.6	4,040
1949	Nov. 30, 1948	26.9	17,600	1958	Mar. 13, 1958	21.3	5,210
	Feb. 19, 1949	22.50	6,210		May 3, 1958	22.6	6,630
	Mar. 31, 1949	24.43	10,600				
	May 4, 1949	23.37	8,200	1959	Feb. 14, 1959	16.03	2,920
1950	Jan. 9, 1950	26.2	15,600	1960	Mar. 4, 1960	19.48	4,170
	Feb. 17, 1950	23.03	7,280				
	May 5, 1950	22.81	6,830	1961	Feb. 22, 1961	29.35	31,500
					Apr. 2, 1961	23.58	8,750
1951	Mar. 30, 1951	27.6	21,500				

a Maximum daily discharge.
b Stage and discharge unknown.

4680. Alamuchee Creek near Cuba, Ala.

Location.--Lat 32°26', long 88°20', in NE¼ sec.24, T.17 N., R.4 W., on right bank on downstream side of bridge on U.S. Highway 80, 2½ miles northeast of Cuba and 4 miles upstream from Toomsuba Creek.

Drainage area.--63 sq mi, approximately.

Gage.--Recording. Datum of gage is 161.50 ft above mean sea level, datum of 1929, supplementary adjustment of 1943.

Stage-discharge relation.--Defined by current-meter measurements below 5,700 cfs and extended above by logarithmic plotting.

Bankfull stage.--5 ft.

Remarks.--Base for partial-duration series, 750 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	June 26, 1955	10.06	783	1959	June 9, 1959	7.17	460
1956	Feb. 6, 1956	10.13	783	1960	Feb. 5, 1960	10.66	861
	Mar. 16, 1956	15.98	4,220				
	July 9, 1956	12.93	1,160	1961	Feb. 22, 1961	18.03	12,000
					Mar. 19, 1961	10.94	893
1957	Apr. 5, 1957	9.73	734		Mar. 31, 1961	15.94	4,080
					June 27, 1961	10.39	821
1958	Mar. 8, 1958	14.6	1,910				
	Apr. 30, 1958	13.4	1,300				
	July 26, 1958	13.9	1,470				

4690. Kinterbish Creek near York, Ala.

Location.--Lat 32°19', long 88°11', in NE¼ sec.33, T.16 N., R.2 W., near left bank on downstream side of pier of bridge on State Highway 17, half a mile downstream from small tributary, three-quarters of a mile north of Choctaw County line, 5½ miles downstream from Little Kinterbish Creek, and 14 miles southeast of York.

Drainage area.--91.4 sq mi.

Gage.--Recording. Altitude of gage is 120 ft (by barometer).

Stage-discharge relation.--Defined by current-meter measurements below 6,700 cfs and extended above by logarithmic plotting.

Bankfull stage.--15 ft.

Remarks.--Base for partial-duration series, 900 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Feb. 6, 1955	11.40	1,130	1960	Oct. 21, 1959	17.3	2,330
	Apr. 13, 1955	10.75	1,040		Feb. 5, 1960	13.20	1,510
					Apr. 3, 1960	9.90	948
1956	Mar. 16, 1956	16.0	2,070				
				1961	Feb. 22, 1961	22.23	14,400
1957	Apr. 4, 1957	10.1	976		Feb. 25, 1961	15.41	1,950
					Mar. 8, 1961	-	(a)
1958	Mar. 7, 1958	17.3	2,330		Mar. 19, 1961	-	(a)
	Apr. 30, 1958	13.2	1,510		Mar. 30, 1961	-	(a)
	July 14, 1958	15.6	1,990		June 26, 1961	12.12	1,300
	July 22, 1958	15.3	1,930		July 11, 1961	10.15	983
					Aug. 24, 1961	10.00	962
1959	June 12, 1959	10.29	1,000				
	July 17, 1959	10.08	976				

a Stage and discharge unknown.

4695. Tuckabum Creek near Butler, Ala.

Location.--Lat 32°11', long 88°10', in S½ sec.15, T.14 N., R.2 W., on left bank 150 ft upstream from bridge on State Highway 17, 2½ miles upstream from Yantley Creek, 4 miles downstream from Boguechitto Creek, and 7 miles northeast of Butler.

Drainage area.--112 sq mi.

Gage.--Recording.

Stage-discharge relation.--Defined by current-meter measurements below 4,500 cfs and extended above by logarithmic plotting.

Remarks.--Base for partial-duration series, 1,500 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Apr. 14, 1955	10.30	1,870	1959	June 10, 1959	7.14	1,020
1956	Mar. 17, 1956	12.92	2,820	1960	Feb. 6, 1960	10.90	2,030
	July 9, 1956	17.25	4,570		Apr. 4, 1960	9.74	1,670
1957	Sept.28, 1957	10.7	1,970		May 7, 1960	11.23	2,120
1958	Nov. 15, 1957	9.7	1,670	1961	Feb. 22, 1961	20.13	6,830
	Feb. 7, 1958	11.3	2,150		Feb. 25, 1961	14.47	3,100
	Mar. 8, 1958	13.7	3,080		Mar. 8, 1961	11.42	2,190
	Mar. 18, 1958	9.6	1,650		Mar. 19, 1961	12.49	2,510
	Apr. 30, 1958	9.2	1,540		Apr. 1, 1961	17.45	4,620
	July 26, 1958	10.4	1,880		June 20, 1961	9.70	1,670
					June 27, 1961	9.69	1,670

4697. Okatuppa Creek at Gilbertown, Ala.

Location.--Lat 31°54', long 88°19', in SE¼ sec.30, T.11 N., R.3 W., near left bank on downstream side of pile bent of bridge on State Highway 17, 300 ft downstream from the Alabama, Tennessee, and Northern Railroad bridge, 550 ft upstream from small unnamed tributary, three-quarters of a mile northeast of Gilbertown, and 1½ miles upstream from Bogueloosa Creek.

Drainage area.--151 sq mi.

Gage.--Recording. Datum of gage is 59.41 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 3,200 cfs and extended above by logarithmic plotting.

Bankfull stage.--8 ft.

Remarks.--Base for partial-duration series, 2,400 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1957	Apr. 4, 1957	12.0	3,020	1960	Oct. 21, 1959	10.80	2,420
	Sept.27, 1957	10.9	2,470		Feb. 5, 1960	11.16	2,620
					Mar. 15, 1960	13.30	3,770
1958	Nov. 14, 1957	11.1	2,570		May 7, 1960	12.25	3,190
	Feb. 6, 1958	13.4	3,760				
	Feb. 27, 1958	11.0	2,520	1961	Feb. 18, 1961	13.77	3,660
	Mar. 8, 1958	12.9	3,470		Feb. 21, 1961	-	(a)
	Mar. 18, 1958	12.0	3,020		Feb. 25, 1961	13.67	3,620
	July 21, 1958	11.4	2,720		Mar. 7, 1961	13.62	3,600
					Mar. 18, 1961	13.53	3,560
1959	Feb.4,Apr.21,	8.6	1,640		Mar. 31, 1961	15.48	4,460
	June 1, 1959				June 21, 1961	13.92	3,720

a Stage and discharge unknown.

4698. Satilpa Creek near Coffeeville, Ala.

Location.--Lat 31°45', long 88°02', in SE¼ sec.13, T.9 N., R.1 W., near left bank on downstream side of bridge on State Highway 12, a quarter of a mile upstream from unnamed tributary, 3 miles downstream from Harris Creek, and 3¾ miles east of Coffeeville.

Drainage area.--166 sq mi.

Gage.--Recording.

Stage-discharge relation.--Defined by current-meter measurements below 13,000 cfs.

Bankfull stage.--11 ft.

Remarks.--Base for partial-duration series, 2,600 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1956	July 8, 1956	18.37	a25,600	1960	Mar. 30, 1960	13.94	4,520
1957	Apr. 5, 1957	13.93	4,520	1961	Oct. 31, 1960	13.18	2,860
					Feb. 19, 1961	16.18	11,400
1958	Mar. 8, 1958	14.0	4,640		Feb. 21, 1961	16.85	14,400
					Feb. 25, 1961	14.24	5,450
1959	June 10, 1959	13.52	3,490		Mar. 31, 1961	15.20	8,200
1960	Mar. 16, 1960	13.14	2,810				

a Maximum during period June to September.

4700. Tombigbee River near Leroy, Ala.

Location.--Lat 31°34', long 88°02', in sec.13, T.7 N., R.1 W., at navigation dam at lock 1, 4 miles upstream from Jackson Creek and 5 miles northwest of Leroy.

Drainage area.--19,100 sq mi, approximately.

Gage.--Nonrecording prior to Nov. 23, 1960; recording thereafter. Since Oct. 19, 1954, auxiliary recording gage at U.S. Highway 43, 8.3 miles downstream. Datum of gage is 7.28 ft below mean sea level.

Stage-discharge relation.--Defined by current-meter measurements. Rate of change in stage or fall used as a factor.

Historical data.--Floods in May 1874 and April 1900 reached stages of 51.8 ft (discharge, 280,000 cfs) and 50.6 ft (discharge, 269,000 cfs), respectively, from information by Corps of Engineers.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1874	May 1874	51.8	280,000	1945	Mar.6,7, 1945	39.2	114,000
1900	April 1900	50.6	269,000	1946	Feb.24,25,1946	43.5	169,000
				1947	Jan.30,31,1947	42.1	149,000
1929	Apr. 2, 1929	46.0	190,000	1948	Mar.7,8, 1948	42.7	158,000
1930	Nov.28,29,1929	43.00	149,000	1949	Jan. 20, 1949	43.8	173,000
				1950	Jan. 24, 1950	39.2	114,000
1931	Apr.10,11,1931	33.90	62,500		Mar. 29, 1950	39.2	114,000
1932	Mar.5,6, 1932	40.80	120,000				
1933	Dec. 29, 1932	44.7	165,000	1951	Apr. 11, 1951	45.8	201,000
1934	Mar.16,17,1934	37.87	88,900	1952	Jan. 3, 1952	35.6	79,700
1935	Mar.22-24,1935	41.1	123,000	1953	Mar.6,7, 1953	38.6	108,000
				1954	Jan. 30, 1954	34.7	78,700
1936	Feb. 17, 1936	42.0	134,000	1955	Apr.16-18,1955	36.6	94,200
1937	Feb.4-6, 1937	40.5	117,000				
1938	Apr. 10, 1938	45.96	192,000	1956	Mar. 25, 1956	37.4	99,800
1939	Mar.13-15,1939	39.76	114,000	1957	Feb. 16, 1957	36.4	101,000
1940	July25,26,1940	38.95	105,000	1958	Dec. 3, 1957	37.9	113,000
				1959	Feb. 21, 1959	33.5	75,200
1941	Mar.14,15,1941	33.95	66,700	1960	Mar. 17, 1960	38.6	110,000
1942	Mar.28-30,1942	37.54	90,900				
1943	Mar.29-31,1943	39.7	113,000	1961	Mar.4,5, 1961	48.24	252,000
1944	Apr. 27, 1944	42.03	149,000				

4701. East Bassett Creek at Walker Springs, Ala.

Location.--Lat 31°32', long 87°47', in NE¼ sec.32, T.7 N., R.3 E., near right bank on downstream side of bridge on county road, 1,000 ft southeast of Walker Springs and 2¾ miles upstream from Rabbit Creek.

Drainage area.--188 sq mi.

Gage.--Recording. Prior to Oct. 23, 1958, at site 100 ft upstream at present datum. Datum of gage is 60.02 ft above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements below 8,000 cfs and extended above by logarithmic plotting.

Bankfull stage.--7 ft.

Remarks.--Base for partial-duration series, 3,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1956	July 8, 1956	12.25	a19,300	1960	Mar. 31, 1960	8.23	3,370
					June 3, 1960	8.78	4,790
1957	Apr. 6, 1957	9.31	6,090				
	Apr. 18, 1957	8.37	3,620	1961	Feb. 19, 1961	11.38	13,400
					Feb. 22, 1961	10.45	9,500
1958	Mar. 9, 1958	9.10	5,570		Feb. 25, 1961	9.35	6,220
					Apr. 1, 1961	9.43	6,430
1959	June 10, 1959	8.98	5,310				
	Sept.27, 1959	8.24	3,250				

a Maximum during period June to September.

4710. Chickasaw Creek near Whistler, Ala.

Location.--Lat 30°49'15", long 88°09'00", in NW¼ sec.2, T.3 S., R.2 W., on downstream side of right pier of bridge on county road, 2 miles upstream from Seabury Creek, 5 miles northwest of Whistler, and 8 miles northwest of Mobile.

Drainage area.--123 sq mi.

Gage.--Recording. Altitude of gage is 20 ft (from topographic map).

Stage-discharge relation.--Defined by current-meter measurements below 11,000 cfs and extended above by slope-area estimate at 42,000 cfs.

Bankfull stage.--11 ft.

Remarks.--Base for partial-duration series, 1,500 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	May 20, 1952	10.1	1,540	1958	Nov. 15, 1957	12.7	2,730
					Nov. 23, 1957	10.6	1,730
1953	Feb. 15, 1953	9.86	1,500				
	Apr. 26, 1953	11.96	1,920	1959	Feb. 4, 1959	10.57	1,730
					May 21, 1959	10.64	1,730
1954	Dec. 13, 1953	7.38	1,030		June 2, 1959	20.63	17,400
					June 10, 1959	11.33	1,900
1955	Feb. 7, 1955	10.22	1,540		July 4, 1959	9.83	1,570
	Apr. 11, 1955	17.32	8,390		July 8, 1959	10.59	1,730
	Apr. 13, 1955	25.4	42,000				
	May 21, 1955	10.65	1,640	1960	Jan. 18, 1960	11.83	2,110
	Aug. 2, 1955	11.64	1,890		Apr. 3, 1960	12.12	2,300
					May 7, 1960	15.36	5,590
1956	Feb. 16, 1956	10.88	1,800		Sept.17, 1960	11.80	2,110
	Mar. 12, 1956	14.40	4,270				
	June 16, 1956	11.29	1,900	1961	Feb. 19, 1961	13.70	3,460
	July 8, 1956	11.25	1,870		Feb. 25, 1961	12.82	2,800
	Sept.25, 1956	12.25	2,370		Mar. 18, 1961	14.93	4,880
					Mar. 31, 1961	15.43	5,640
1957	Dec. 24, 1956	15.9	7,090		Apr. 12, 1961	12.23	2,390
	Apr. 2, 1957	10.1	1,610		Apr. 15, 1961	11.83	2,160
	Apr. 5, 1957	15.4	6,190		June 20, 1961	15.90	6,340
	Aug. 5, 1957	11.9	2,170				
	Sept.19, 1957	14.6	4,810				

4711. Leaf River near Raleigh, Miss.

Location.--Lat 32°01', long 89°26', in SE¼SE¼NW¼ sec.13, T.2 N., R.8 E., Choctaw meridian, at bridge on State Highway 18, 6 miles east of Raleigh.

Drainage area.--143 sq mi, from Corps of Engineers.

Gage.--U.S. Geological Survey: Crest-stage gage. Datum of gage is mean sea level. Corps of Engineers: Nonrecording. Datum of gage is 282.49 ft above mean sea level.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--17 ft (Corps of Engineers gage).

Remarks.--Only annual peaks are shown. Gage-height record and discharge measurements prior to July 1957 furnished by Corps of Engineers.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1940	May 1, 1940	18.6	7,000	1958	Mar. 7, 1958	295.69	1,900
				1959	Jan. 1, 1959	291.74	972
1941	Dec. 18, 1940	13.0	1,850	1960	May 7, 1960	296.55	2,150
1942	Mar. 21, 1942	17.1	4,500				
1943	Mar. 22, 1943	16.8	4,090	1961	Feb. 21, 1961	301.93	14,500
1957	Apr. 4, 1957	296.11	a2,000				

a Record incomplete; from floodmark, probably annual peak.

4715. Oakahay Creek at Mize, Miss.

Location.--Lat 31°52', long 89°31', in NW¼ sec.6, T.10 N., R.15 W., St. Stephens meridian, at bridge on State Highway 20, 0.4 mile east of Mize and 1¾ miles downstream from Hatchapaloo Creek.

Drainage area.--217 sq mi.

Gage.--Nonrecording prior to June 1944; recording thereafter. Datum of gage is 274.18 ft above mean sea level, datum of 1929, supplementary adjustment of 1941.

Stage-discharge relation.--Defined by current-meter measurements below 8,700 cfs.

Remarks.--Base for partial-duration series, 2,500 cfs. Gage-height record and occasional discharge measurements prior to February 1944, furnished by Corps of Engineers.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1942	Mar. 21, 1942	13.0	7,830	1947	Jan. 20, 1947	13.49	9,710
					Mar. 13, 1947	11.22	2,710
1943	Dec. 29, 1942	11.2	2,710		Apr. 13, 1947	11.22	2,710
	Mar. 21, 1943	11.7	3,750				
	Apr. 10, 1943	11.5	3,280	1948	Feb. 14, 1948	12.50	6,070
					Mar. 6, 1948	11.98	4,560
1944	Feb. 20, 1944	11.7	3,510				
	Feb. 29, 1944	12.0	3,930	1949	Nov. 28, 1948	13.31	6,290
	Mar. 23, 1944	11.7	3,510		Feb. 17, 1949	11.46	3,030
	Apr. 29, 1944	11.3	2,990		Mar. 31, 1949	13.69	7,210
					May 2, 1949	12.50	4,690
1945	Feb. 15, 1945	11.05	2,690				
				1961	Feb. 21, 1961	15.13	13,000
1946	Feb. 11, 1946	11.85	3,650		Mar. 30, 1961	13.81	8,700
	Aug. 1, 1946	-	a3,600				

a Estimated.

4720. Leaf River near Collins, Miss.

Location.--Lat 31°41', long 89°24', in NE¼ sec.33, T.9 N., R.14 W., St. Stephens meridian, at bridge on U.S. Highway 84, 2 miles downstream from Okahay Creek, 8 miles upstream from Big Creek, and 9½ miles northeast of Collins.

Drainage area.--752 sq mi.

Gage.--Nonrecording prior to Dec. 8, 1938; recording thereafter. Datum of gage is 197.48 ft above mean sea level (Mississippi State Highway bench mark).

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--The highest known flood reached a stage of about 33 ft in April 1856 and the flood of April 1900 reached a stage of 32 ft, from information by local residents.

Remarks.--Base for partial-duration series, 8,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Mar. 7, 1939	18.69	9,000	1949	Apr. 1, 1949	26.39	22,800
					May 2, 1949	21.93	13,400
1940	Feb. 9, 1940	19.17	9,600				
	May 2, 1940	26.36	22,800	1950	Jan. 8, 1950	31.14	a45,400
	July 10, 1940	23.13	15,600		Feb. 16, 1950	27.41	25,800
					May 5, 1950	18.76	9,350
1941	Dec. 19, 1940	15.86	6,500				
				1951	Mar. 31, 1951	26.31	22,600
1942	Mar. 22, 1942	22.78	15,000				
				1952	May 25, 1952	13.32	4,590
1943	Dec. 31, 1942	18.16	8,690				
	Mar. 21, 1943	23.09	15,600	1953	Feb. 27, 1953	19.70	10,400
	Apr. 11, 1943	18.68	9,240		May 5, 1953	22.60	14,600
					May 19, 1953	20.18	11,000
1944	Mar. 23, 1944	21.78	13,300				
	Apr. 1, 1944	20.16	11,000	1954	Mar. 30, 1954	17.13	7,580
	Apr. 21, 1944	18.33	8,800				
	Apr. 24, 1944	18.13	8,580	1955	Feb. 9, 1955	17.02	8,300
	Apr. 27, 1944	23.61	16,600		Apr. 16, 1955	21.49	14,200
1945	Feb. 23, 1945	17.60	8,080	1956	Feb. 6, 1956	23.84	17,900
					Mar. 18, 1956	25.00	20,100
1946	Feb. 13, 1946	21.07	12,200				
				1957	Apr. 5, 1957	19.07	9,620
1947	Jan. 21, 1947	26.08	22,100				
	Mar. 16, 1947	18.46	9,020	1958	Mar. 10, 1958	17.16	8,540
	Apr. 14, 1947	20.16	11,000				
				1959	Apr. 21, 1959	16.02	7,200
1948	Feb. 15, 1948	19.37	10,000				
	Mar. 6, 1948	23.54	16,400	1960	Mar. 15, 1960	15.87	7,220
1949	Nov. 30, 1948	25.56	20,900	1961	Feb. 23, 1961	31.65	48,500
	Feb. 19, 1949	19.71	10,400		Apr. 1, 1961	27.18	26,900
	Mar. 24, 1949	20.05	10,700				

a Revised; supersedes figure previously published.

4725. Bowie Creek near Hattiesburg, Miss.

Location.--Lat 31°26', long 89°26', in sec.5, T.5 N., R.14 W., St. Stephens meridian, at bridge on U.S. Highway 49, 1 mile upstream from Okatoma Creek, 2 miles southwest of Lux, and 10 miles northwest of Hattiesburg.

Drainage area.--304 sq mi.

Gage.--Nonrecording prior to December 1938; recording thereafter. Datum of gage is 160.04 ft, above mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements; affected by backwater at times from Okatoma Creek.

Historical data.--A flood prior to 1936 reached a stage of 26.1 ft (date unknown), from Mississippi State Highway Department bridge plans. A flood prior to 1943 (believed to be April 1900) reached a stage of 33½ ft, from Corps of Engineers flood profile.

Remarks.--Base for partial-duration series, 4,000 cfs.

Peak stages and discharges of Bowie Creek near Hattiesburg, Miss.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Mar. 30, 1939	13.74	a3,480	1949	Nov. 29, 1948	17.83	6,300
					Feb. 17, 1949	18.70	a6,980
1940	July 9, 1940	17.08	4,590		Mar. 23, 1949	17.24	a5,880
					Apr. 2, 1949	19.46	a7,730
1941	Mar. 7, 1941	18.06	6,900		May 4, 1949	15.05	a4,520
1942	Dec. 24, 1941	18.30	8,040	1950	Jan. 8, 1950	21.23	a11,200
	Mar. 21, 1942	14.16	a4,490		Feb. 15, 1950	21.94	12,400
	May 15, 1942	13.70	4,130				
	Aug. 21, 1942	15.76	a5,780	1951	Mar. 29, 1951	18.22	a6,830
1943	Feb. 6, 1943	16.66	6,550	1952	Feb. 3, 1952	9.08	1,940
	Mar. 21, 1943	25.70	20,100				
	Apr. 10, 1943	14.97	a5,110	1953	May 5, 1953	18.81	7,540
1944	Mar. 24, 1944	15.02	a5,150	1954	Dec. 9, 1953	11.66	3,000
	Mar. 29, 1944	14.52	a4,750				
	Apr. 27, 1944	14.09	a4,470	1955	Apr. 13, 1955	19.16	9,250
1945	Apr. 25, 1945	13.97	a4,400	1956	Feb. 4, 1956	17.20	5,900
1946	Dec. 25, 1945	15.08	a5,230	1957	Apr. 5, 1957	14.24	4,120
	May 15, 1946	13.90	a4,330				
				1958	Nov. 14, 1957	16.23	5,210
1947	Jan. 21, 1947	21.07	9,710		Sept.23, 1958	21.31	11,400
	Mar. 8, 1947	15.14	a5,230				
	Apr. 2, 1947	15.14	5,230	1959	Apr. 22, 1959	9.61	2,140
	Apr. 11, 1947	14.78	a4,990				
	Apr. 14, 1947	14.07	a4,470	1960	Nov. 5, 1959	13.30	3,700
1948	Dec. 10, 1947	14.20	a4,120	1961	Feb. 18, 1961	15.30	4,670
	Mar. 4, 1948	17.15	5,880		Feb. 22, 1961	b26.54	34,800
	Mar. 6, 1948	18.48	a6,820		Mar. 30, 1961	21.90	13,400

a Discharge may be too high; backwater possible.
b In gage well; 26.92 ft from outside gage.

4730. Leaf River at Hattiesburg, Miss.

Location.--Lat 31°21', long 89°17', in NW¼ sec.2, T.4 N., R.13 W., St. Stephens meridian, at bridge on U.S. Highway 11, at eastern city limits of Hattiesburg, 300 ft downstream from Bowie Creek and 3,000 ft upstream from New Orleans & Northeastern Railroad bridge.

Drainage area.--1,760 sq mi, approximately.

Gage.--U.S. Geological Survey: Nonrecording prior to Jan. 15, 1939; recording thereafter. Datum of gage is 118.23 ft above mean sea level, datum of 1929, supplementary adjustment of 1941 (levels by Corps of Engineers). U.S. Weather Bureau: Nonrecording at site 3,000 ft downstream at datum 3.26 ft higher than Geological Survey datum.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--22 ft.

Remarks.--Base for partial-duration series, 12,000 cfs. Only annual peaks are shown prior to 1939. Gage-height record for the period 1905-38 furnished by U.S. Weather Bureau.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1900	April 1900	33.6	-	1912	Apr. 19, 1912	20.5	33,600
				1913	Mar. 15, 1913	18.0	24,600
1905	Feb. 12, 1905	20.5	33,600	1914	Mar. 29, 1914	14.1	15,200
				1915	Feb. 5, 1915	16.0	19,300
1906	Mar. 21, 1906	20.1	32,000				
1907	May 18, 1907	19.8	30,500	1916	May 24, 1916	18.2	25,400
1908	Feb. 16, 1908	18.6	26,500	1917	Feb. 18, 1917	17.7	23,800
1909	June 5, 1909	18.7	26,800	1918	May 3, 1918	15.3	17,700
1910	May 21, 1910	11.5	10,800	1919	Mar. 11, 1919	16.9	21,500
				1920	Dec. 11, 1919	28.3	87,900
1911	Jan. 4, 1911	17.6	23,500				

Peak stages and discharges of Leaf River at Hattiesburg, Miss.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1921	Apr. 17, 1921	25.0	82,800	1947	Mar. 8, 1947	18.19	15,600
1922	Feb. 8, 1922	15.7	18,700		Mar. 15, 1947	18.12	15,500
1923	Mar. 26, 1923	20.4	33,200		Apr. 2, 1947	18.61	16,300
1924	Dec. 23, 1923	13.6	14,400		Apr. 14, 1947	20.18	19,200
1925	Jan. 20, 1925	21.3	37,800		Apr. 21, 1947	17.00	13,700
					May 25, 1947	17.21	14,000
1926	Jan. 6, 1926	18.5	26,300				
1927	Feb. 15, 1927	20.0	31,200	1948	Dec. 10, 1947	18.33	16,000
1928	Apr. 24, 1928	20.3	32,800		Feb. 17, 1948	17.13	13,900
1929	Mar. 17, 1929	21.4	38,400		Mar. 7, 1948	24.93	32,900
1930	Nov. 16, 1929	22.0	42,600		Apr. 15, 1948	17.82	15,000
1931	Nov. 19, 1930	14.9	16,900	1949	Nov. 22, 1948	17.23	14,200
1932	Jan. 9, 1932	16.6	20,800		Nov. 29, 1948	24.04	29,400
1933	Apr. 16, 1933	18.3	25,700		Feb. 17, 1949	22.03	23,600
1934	Mar. 5, 1934	15.4	17,900		Mar. 24, 1949	20.16	19,200
1935	Mar. 9, 1935	22.8	51,000		Apr. 3, 1949	25.72	35,700
					May 4, 1949	21.84	22,800
1936	Feb. 7, 1936	21.9	41,800		July 26, 1949	16.11	12,300
1937	Jan. 22, 1937	21.6	39,600				
1938	Apr. 9, 1938	23.5	59,700	1950	Jan. 10, 1950	27.42	47,300
					Feb. 16, 1950	26.00	36,900
1939	Mar. 3, 1939	16.48	12,200				
	Mar. 9, 1939	18.04	14,700	1951	Apr. 1, 1951	22.11	23,600
	Mar. 31, 1939	18.42	15,400				
				1952	Mar. 4, 1952	13.34	8,570
1940	Feb. 10, 1940	21.53	21,000				
	May 3, 1940	24.88	32,500	1953	Feb. 26, 1953	17.41	15,400
	July 11, 1940	24.27	29,600		May 6, 1953	24.00	30,000
					May 21, 1953	18.14	16,700
1941	Dec. 18, 1940	16.47	12,000				
	Mar. 8, 1941	21.13	20,000	1954	Dec. 12, 1953	16.20	13,300
1942	Dec. 25, 1941	21.02	19,700	1955	Apr. 15, 1955	21.33	23,200
	Mar. 24, 1942	21.62	21,200				
	Aug. 21, 1942	17.22	13,000	1956	Feb. 7, 1956	20.57	21,700
					Mar. 18, 1956	21.53	23,600
1943	Dec. 28, 1942	18.22	14,500				
	Feb. 7, 1943	20.36	18,400	1957	Apr. 5, 1957	19.29	19,100
	Mar. 22, 1943	28.91	71,300		Sept.29, 1957	17.19	15,000
	Apr. 12, 1943	18.73	15,300				
				1958	Nov. 15, 1957	17.10	14,800
1944	Feb. 27, 1944	19.16	16,900		Mar. 8, 1958	16.57	14,000
	Mar. 25, 1944	21.56	22,400		Sept.24, 1958	20.94	22,300
	Mar. 29, 1944	22.23	24,100				
	Apr. 28, 1944	22.83	26,000	1959	Apr. 23, 1959	14.72	11,000
1945	Apr. 3, 1945	16.48	12,200	1960	Nov. 6, 1959	16.70	14,100
	Apr. 26, 1945	16.60	12,300		Mar. 17, 1960	16.5	13,800
					Apr. 3, 1960	18.00	16,500
1946	Feb. 14, 1946	17.87	14,500		May 8, 1960	17.91	16,300
	Mar. 17, 1946	17.35	13,700				
	May 16, 1946	19.32	17,100	1961	Feb. 18, 1961	19.07	18,600
					Feb. 23, 1961	31.53	72,200
1947	Jan. 14, 1947	15.91	12,000		Mar. 19, 1961	18.53	17,600
	Jan. 22, 1947	26.66	40,600		Apr. 1, 1961	26.55	39,800

4735. Tallahala Creek at Laurel, Miss.

Location.--Lat 31°41', long 89°07', in NE¼ sec.8, T.8 N., R.11 W., St. Stephens meridian, at bridge on State Highway 15, half a mile upstream from Gulf, Mobile and Ohio Railroad bridge, half a mile southeast of city limits of Laurel, and 6 miles upstream from Tallahoma Creek.

Drainage area.--233 sq mi.

Gage.--Nonrecording prior to December 1938; recording thereafter. Datum of gage is 201.37 ft above mean sea level (Mississippi State highway bench mark).

Stage-discharge relation.--Defined by current-meter measurements. Shifting relation occurs.

Historical data.--Maximum stage known since at least 1880, that of Dec. 9, 1919.

Remarks.--Base for partial-duration series, 3,000 cfs.

Peak stages and discharges of Tallahala Creek at Laurel, Miss.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1900	April 1900	a20.7	-	1949	Feb. 19, 1949	16.30	4,350
					Mar. 25, 1949	15.57	3,070
1920	Dec. 9, 1919	a26	-		Apr. 1, 1949	16.98	10,500
1938	April 1938	a24	-	1950	Jan. 9, 1950	16.70	5,180
					Feb. 16, 1950	17.21	6,260
1939	Mar. 9, 1939	15.78	3,410		May 5, 1950	15.80	3,390
1940	Feb. 10, 1940	16.2	4,050	1951	Mar. 30, 1951	16.40	9,030
	May 2, 1940	18.95	12,100				
	July 9, 1940	16.64	4,950	1952	May 27, 1952	14.00	1,980
1941	Mar. 11, 1941	14.73	2,260	1953	May 1, 1953	16.87	5,600
					May 6, 1953	17.08	6,040
1942	Mar. 23, 1942	17.4	6,750		May 21, 1953	15.91	3,820
1943	Dec. 31, 1942	16.18	4,050	1954	Apr. 1, 1954	14.52	2,230
	Mar. 22, 1943	17.87	8,200				
				1955	Apr. 17, 1955	15.36	3,040
1944	Feb. 26, 1944	15.76	3,680				
	Mar. 25, 1944	17.05	5,960	1956	Feb. 8, 1956	15.62	3,380
	Apr. 28, 1944	18.80	11,300		Mar. 18, 1956	17.14	6,040
1945	Dec. 10, 1944	15.74	3,570	1957	Apr. 9, 1957	13.68	1,760
1946	Feb. 13, 1946	15.47	3,480	1958	Nov. 23, 1957	15.35	3,040
	Mar. 18, 1946	17.07	6,050				
				1959	Apr. 26, 1959	12.30	1,250
1947	Jan. 21, 1947	20.29	13,700				
	Apr. 11, 1947	15.41	3,480	1960	Mar. 16, 1960	15.24	2,920
1948	Mar. 6, 1948	17.28	6,920	1961	Feb. 23, 1961	22.32	19,100
					Mar. 31, 1961	19.70	12,500
1949	Nov. 28, 1948	18.63	9,510				

a Annual peak only.

4740. Tallahoma Creek near Laurel, Miss.

Location.--Lat 31°47', long 89°11', in NE¼ sec.3, T.9 N., R.12 W., St. Stephens meridian, at bridge on State Highway 15, three-quarters of a mile upstream from Cypress Creek, 1½ miles downstream from Gulf, Mobile and Ohio Railroad bridge, 7 miles northwest of Laurel, and 15 miles upstream from mouth.

Drainage area.--149 sq mi.

Gage.--Nonrecording. Datum of gage is 233.73 ft above mean sea level, datum of 1929, supplementary adjustment of 1941 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--9 ft.

Remarks.--Only annual peaks are shown except for 1961.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1941	Mar. 7, 1941	10.9	1,450	1946	Feb. 12, 1946	11.34	2,200
	Apr. 27, 1941	10.9	1,450	1947	Jan. 20, 1947	13.82	9,410
1942	Mar. 23, 1942	12.6	5,830	1948	Mar. 7, 1948	12.29	4,960
1943	Mar. 21, 1943	12.0	4,090				
1944	Apr. 27, 1944	12.3	5,420	1961	Feb. 22, 1961	14.98	12,600
1945	Dec. 12, 1944	11.7	3,290		Mar. 31, 1961	13.42	8,270

4745. Tallahala Creek near Runnelstown, Miss.

Location.--Lat 31°20', long 89°07', in NE¼ sec.8, T.4 N., R.11 W., St. Stephens meridian, at bridge on highway between Sunrise and Runnelstown, 3 miles south of Runnelstown, and 9 miles upstream from mouth.

Drainage area.--612 sq mi.

Gage.--Recording. Datum of gage is 109.58 ft above mean sea level, datum of 1929, supplementary adjustment of 1941.

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--Maximum stage known since about 1865, 30.5 ft in April 1900, from information by local residents.

Remarks.--Base for partial-duration series, 5,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1900	April 1900	30.5	-	1949	Mar. 22, 1949	12.89	5,980
					Apr. 3, 1949	19.64	14,400
1940	Feb. 12, 1940	13.48	6,500		May 4, 1949	12.70	5,820
	May 5, 1940	18.27	11,200		July 25, 1949	12.52	5,680
	July 11, 1940	17.80	10,700	1950	Jan. 12, 1950	12.47	5,680
1941	Mar. 7, 1941	12.87	5,970		Feb. 18, 1950	16.11	9,070
1942	Jan. 3, 1942	11.76	5,110	1951	Apr. 2, 1951	16.97	10,200
	Mar. 26, 1942	14.44	7,310	1952	Mar. 4, 1952	10.05	4,010
1943	Dec. 28, 1942	14.04	6,950	1953	May 7, 1953	17.60	11,000
	Mar. 23, 1943	18.88	12,300	1954	Apr. 16, 1954	11.21	5,040
1944	Feb. 28, 1944	13.93	6,770	1955	Apr. 13, 1955	13.91	7,070
	Mar. 23, 1944	13.73	6,610	1956	Feb. 4, 1956	12.00	5,600
	Mar. 29, 1944	16.38	9,210		Mar. 21, 1956	12.28	5,810
	Apr. 29, 1944	19.22	12,900	1957	Apr. 5, 1957	11.50	4,720
1945	Dec. 8, 1944	10.47	4,190	1958	Sept.22, 1958	13.00	5,950
1946	Mar. 16, 1946	13.14	6,140	1959	June 2, 1959	9.71	3,620
	May 16, 1946	11.96	5,330	1960	Nov. 6, 1959	12.27	5,320
1947	Jan. 23, 1947	21.70	19,300		Apr. 3, 1960	13.08	6,030
	Mar. 8, 1947	11.89	5,260	1961	Feb. 24, 1961	24.84	32,800
	Apr. 2, 1947	12.98	6,060		Mar. 18, 1961	13.36	6,040
	Apr. 14, 1947	14.12	7,000		Apr. 2, 1961	22.03	20,500
	May 25, 1947	13.36	6,380				
1948	Dec. 10, 1947	13.62	6,540				
	Mar. 8, 1948	19.22	13,500				
1949	Dec. 1, 1948	19.22	13,700				
	Feb. 19, 1949	15.11	8,000				

4746.5. Buck Creek near Runnelstown, Miss.

Location.--Lat 31°21'50", long 89°02'55", in SE¼ sec.25, T.5 N., R.11 W., at bridge on State Highway 42, 2½ miles upstream from mouth and 3.7 miles east of Runnelstown.

Drainage area.--19.1 sq mi.

Gage.--Crest-stage gage, assumed datum.

Stage-discharge relation.--Defined by current-meter measurements below 2,000 cfs and extended above on basis of logarithmic plotting.

Historical data.--Flood in 1948 reached a stage of 145.97 ft above mean sea level, from information by the Mississippi State Highway Department.

Remarks.--Only annual peaks are shown.

Peak stages and discharges of Buck Creek near Runnelstown, Miss.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Apr. 1, 1951	94.79	3,800	1957	Sept.19, 1957	93.85	2,500
1952	-	(a)	-	1958	Sept.22, 1958	92.36	1,150
1953	May 5, 1953	87	200	1959	June 9, 1959	93.96	2,600
1954	Apr. 16, 1954	93.66	2,300	1960	Apr. 3, 1960	94.31	3,100
1955	Apr. 12, 1955	94.54	3,500	1961	Feb. 18, 1961	94.89	3,900
1956	Feb. 4, 1956	93.36	1,950				

a Less than 90.5 ft (bottom of gage).

4747.4. Leaf River at Beaumont, Miss.

Location.--Lat 31°11'00", long 88°55'30", in NW¼ sec.32, T.2 N., R.9 W., St. Stephens meridian, at bridge on State Highway 15, 1 mile north of Beaumont.

Drainage area.--3,120 sq mi.

Gage.--Nonrecording. Datum of gage is 56.73 ft above mean sea level. Prior to Feb. 9, 1942, at railroad bridge 0.1 mile upstream.

Stage-discharge relation.--Defined by current-meter measurements below 85,000 cfs.

Bankfull stage.--20 ft.

Historical data.--A flood prior to 1943 reached a stage of about 34 ft, from Corps of Engineers flood profile.

Remarks.--Only annual peaks are shown. Discharge measurements prior to August 1944 furnished by Corps of Engineers. Gage-height record furnished by U.S. Weather Bureau.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1941	Mar. 10, 1941	22.0	28,500	1952	Mar. 5, 1952	17.3	17,300
1942	Mar. 26, 1942	21.9	28,800	1953	May 9, 1953	25.0	43,000
1943	Mar. 23, 1943	29.69	87,000	1954	Dec. 19, 1953	20.4	24,000
1944	Apr. 30, 1944	25.4	46,000	1955	Apr. 16, 1955	24.0	37,000
1945	Apr. 27, 1945	16.8	16,300	1956	Feb.9,11,1956	21.6	27,600
1946	May 18, 1946	21.5	27,400				
1947	Jan. 24, 1947	24.3	39,000	1958	Sept.26, 1958	21.9	28,800
1948	Mar. 9, 1948	27.2	61,000	1959	June 2, 1959	17.5	17,600
1949	Apr. 5, 1949	26.8	58,000	1960	Apr. 5, 1960	21.4	27,000
1950	Feb. 19, 1950	26.6	56,000	1961	Feb. 25, 1961	32.8	128,000
1951	Apr. 1, 1951	25.6	48,000				

4750. Leaf River near McLain, Miss.

Location.--Lat 31°06'10", long 88°48'30", in SE¼ sec.29, T.2 N., R.8 W., St. Stephens meridian, at bridge on U.S. Highway 98, 1¼ miles east of McLain, 2 miles downstream from Atkinson Creek, 6 miles upstream from Big Oktibee Creek, and 17½ miles upstream from confluence with Chickasawnay River.

Drainage area.--3,510 sq mi, approximately.

Gage.--Nonrecording prior to September 1940; recording thereafter. Datum of gage is 42.15 ft above mean sea level, datum of 1929, supplementary adjustment of 1941.

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--Flood of April 1900 reached a stage about 4 ft higher than that of Mar. 24, 1943, from information by local residents.

Remarks.--Base for partial-duration series, 21,000 cfs.

Peak stages and discharges of Leaf River near McLain, Miss.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1940	Feb. 13, 1940	21.0	27,600	1950	Jan. 13, 1950	22.75	39,800
	May 6, 1940	22.9	39,600		Feb. 19, 1950	23.69	46,500
	July 14, 1940	24.1	48,400	1951	Apr. 2, 1951	23.76	47,300
1941	Mar. 11, 1941	21.16	28,600	1952	Mar. 6, 1952	16.43	17,600
1942	Dec. 27, 1941	20.14	27,200	1953	Mar. 1, 1953	19.75	25,400
	Jan. 5, 1942	18.45	21,300		May 9, 1953	23.46	44,900
	Mar. 27, 1942	21.31	32,800		May 23, 1953	18.44	21,600
1943	Dec. 31, 1942	21.70	35,200	1954	Dec. 5, 1953	19.90	25,700
	Feb. 10, 1943	19.27	24,300		Dec. 14, 1953	20.16	26,800
	Mar. 24, 1943	27.76	88,300		Apr. 18, 1954	18.06	21,000
1944	Mar. 1, 1944	19.89	24,000	1955	Apr. 17, 1955	22.25	36,200
	Apr. 1, 1944	23.36	41,700	1956	Feb. 11, 1956	21.28	31,500
	Apr. 30, 1944	23.86	45,800		Mar. 22, 1956	20.60	28,400
1945	Mar. 26, 1945	16.46	17,000	1957	Apr. 9, 1957	18.60	22,000
1946	Mar. 19, 1946	20.08	27,700		Sept.20, 1957	20.53	28,000
	May 18, 1946	21.08	32,400	1958	Nov. 19, 1957	19.34	23,900
1947	Jan. 24, 1947	25.20	62,400		Mar. 11, 1958	19.07	23,300
	Mar. 10, 1947	20.79	30,900		Sept.26, 1958	21.25	31,000
	Apr. 5, 1947	20.92	31,400	1959	June 2, 1959	21.00	30,000
	Apr. 17, 1947	22.16	39,000		June 11, 1959	18.22	21,200
	May 26, 1947	-	a30,000	1960	Apr. 6, 1960	20.90	29,600
1948	Dec. 12, 1947	21.90	34,500		May 11, 1960	19.21	23,600
	Mar. 9, 1948	25.74	65,500	1961	Feb. 26, 1961	31.64	128,000
1949	Nov. 28, 1948	24.68	55,500		Mar. 21, 1961	21.87	34,400
	Feb. 20, 1949	23.06	41,900		Apr. 4, 1961	27.08	72,300
	Apr. 5, 1949	24.09	50,000				
	May 6, 1949	22.05	35,000				

a Estimated.

4750.5. Waterfall Branch near McLain, Miss.

Location.--Lat 31°07'10", long 88°45'25", in SW¼NE¼SE¼ sec.23, T.2 N., R.8 W., St. Stephens meridian, at upstream side of culvert on State Highway 57, 4.2 miles east of McLain.

Drainage area.--0.648 sq mi; shape of basin (length divided by average width), 1.54; mean altitude of basin, 150 ft; slope of basin, 0.019; cover of basin, broom sage and scrub pine.

Gage.--Crest-stage gage. Altitude of gage is 100 ft (from topographic map).

Stage-discharge relation.--Theoretical rating and crest-stage-gage readings (verified by high-water marks).

Bankfull stage.--No defined channel.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Apr. 12, 1955	8.01	445	1959	June 1, 1959	10.99	764
				1960	May 7, 1960	8.93	541
1956	July 8, 1956	5.96	268				
1957	Sept.18, 1957	6.54	317	1961	Feb. 20, 1961	6.04	274
1958	Sept.22, 1958	6.56	318				

4753.5. Tarlow Creek near Newton, Miss.

Location.--Lat 32°17', long 89°09', in W½ sec.11, T.5 N., R.11 E., Choctaw meridian, at bridge on State Highway 15, 2½ miles south of Newton.

Drainage area.--15.9 sq mi.

Gage.--Crest-stage gage, assumed datum.

Stage-discharge relation.--Defined by current-meter measurements between 270 and 1,800 cfs and extended above on basis of logarithmic plotting.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	-	(a)	-	1957	Sept.27, 1957	17.56	2,000
1953	Apr. 29, 1953	18.08	3,700	1958	Nov. 14, 1957	17.59	2,100
1954	Apr. 16, 1954	17.09	1,200	1959	Jan. 21, 1959	17.19	1,280
1955	Apr. 12, 1955	17.54	1,950	1960	May 7, 1960	17.42	1,720
1956	Mar. 16, 1956	17.10	1,210	1961	Mar. 31, 1961	18.29	4,300

a Less than 17 ft (bottom of gage).

4755. Chunky Creek near Chunky, Miss.

Location.--Lat 32°20', long 88°54', in SW¼ sec.30, T.6 N., R.14 E., Choctaw meridian, at bridge on U.S. Highway 80, 2,500 ft upstream from Illinois Central Railroad bridge, 1¼ miles east of Chunky, 3¼ miles upstream from Tallahatta Creek, and 5½ miles downstream from Concobona Creek.

Drainage area.--368 sq mi.

Gage.--Nonrecording prior to Mar. 24, 1939; recording thereafter. Datum of gage is 269.00 ft above mean sea level, datum of 1929, supplementary adjustment of 1941.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Base for partial-duration series, 5,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Mar. 31, 1939	13.03	5,300	1949	May 3, 1949	12.66	5,110
1940	May 2, 1940	17.74	9,350				
	July 9, 1940	15.58	7,330	1950	Jan. 7, 1950	25.08	a27,600
					Feb. 15, 1950	23.54	19,000
1941	Mar. 9, 1941	9.83	3,220		May 4, 1950	15.20	6,960
1942	Mar. 22, 1942	18.45	10,100	1951	Mar. 30, 1951	23.08	17,400
1943	Mar. 22, 1943	18.82	10,500	1952	Apr. 14, 1952	7.44	1,850
1944	Mar. 30, 1944	19.20	10,500	1953	Feb. 26, 1953	12.78	5,180
	Apr. 20, 1944	14.42	6,320		May 1, 1953	17.49	8,970
	Apr. 27, 1944	19.06	10,400		May 6, 1953	12.98	5,310
1945	Feb. 14, 1945	13.02	5,310	1954	Mar. 30, 1954	9.61	3,130
	Mar. 17, 1945	14.64	6,480				
				1955	Apr. 15, 1955	14.27	6,240
1946	Feb. 11, 1946	20.49	11,800				
	Mar. 17, 1946	18.07	9,510	1956	Feb. 5, 1956	21.28	12,600
	May 21, 1946	13.23	5,450		Mar. 16, 1956	23.68	19,800
					Apr. 7, 1956	20.23	11,500
1947	Jan. 21, 1947	18.55	9,960				
	Mar. 15, 1947	13.58	5,730	1957	Apr. 6, 1957	11.41	4,270
1948	Feb. 15, 1948	14.23	6,160	1958	Nov. 21, 1957	11.30	4,200
	Mar. 4, 1948	16.80	8,340				
	Mar. 7, 1948	15.40	7,120	1959	Jan. 23, 1959	11.24	4,140
1949	Nov. 29, 1948	23.73	19,800	1960	May 8, 1960	12.30	4,890
	Feb. 17, 1949	13.72	5,800				
	Mar. 23, 1949	16.58	8,160	1961	Feb. 22, 1961	25.58	30,800
	Apr. 1, 1949	15.50	7,200		Apr. 1, 1961	22.78	16,300

a Revised; supersedes figure previously published.

4757. Chunky Creek near Enterprise, Miss.

Location.--Lat 32°11', long 88°49', in NE¼ sec.13, T.14 N., R.14 E., Choctaw meridian, at bridge on U.S. Highway 11, 1 mile upstream from confluence with Okatibbee Creek and 1 mile north of Enterprise.

Drainage area.--Not determined.

Gage.--Crest-stage gage. Datum of gage is 218.73 ft above mean sea level, datum of 1929, supplementary adjustment of 1941.

Stage-discharge relation.--Defined by current-meter measurements between 9,200 cfs and 22,000 cfs.

Historical data.--Floods of April 1938 and November 1948 reached stages of 251.1 and 249.10 ft above mean sea level, respectively, from information by Mississippi Highway Department.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950	Jan. 7, 1950	30.6	24,000	1957	Apr. 6, 1957	b20	9,000
				1958	-	(a)	-
1954	-	(a)	-	1959	Jan. 24, 1959	14.4	5,000
1955	-	(a)	-	1960	Apr. 5, 1960	15.18	5,400
1956	Mar. 17, 1956	29.65	21,600	1961	Feb. 22, 1961	34	32,000

a Less than 23 ft (bottom of gage).
b About.

4760. Okatibbee Creek near Meridian, Miss.

Location.--Lat 32°21'15", long 88°45'25", in NW¼ sec.22, T.6 N., R.15 E., Choctaw meridian, at bridge on old U.S. Highway 80, half a mile upstream from Illinois Central Railroad, 2 miles downstream from Loper Creek, 3 miles west of Meridian, and 4 miles upstream from Sowashee Creek.

Drainage area.--239 sq mi.

Gage.--Nonrecording prior to Jan. 7, 1939; recording Jan. 7, 1939, to Aug. 29, 1958, and June 13, 1961, to date; crest-stage gage Aug. 30, 1958, to June 12, 1961.

Stage-discharge relation.--Defined by current-meter measurements prior to 1951. Moderate shifts in relation occur.

Bankfull stage.--18 ft.

Historical data.--Maximum stage known, about 29.5 ft in April 1938.

Remarks.--Base for partial-duration series, 3,000 cfs. Only annual peaks are shown 1951-60.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	April 1938	29.5	-	1946	Feb. 11, 1946	22.87	5,820
					Mar. 18, 1946	21.61	4,250
1939	Mar. 30, 1939	22.81	5,850				
				1947	Jan. 20, 1947	22.70	5,490
1940	May 3, 1940	22.33	4,350		Apr. 14, 1947	20.00	3,010
	July 12, 1940	22.30	4,200				
				1948	Mar. 7, 1948	22.31	4,950
1941	Dec. 14, 1940	20.54	2,040				
				1949	Nov. 29, 1948	24.63	14,700
1942	Mar. 21, 1942	23.59	8,890		Mar. 24, 1949	19.80	3,130
					Mar. 31, 1949	22.28	5,520
1943	Mar. 22, 1943	23.02	6,060		May 2, 1949	21.20	4,200
1944	Mar. 30, 1944	22.89	6,090	1950	Jan. 7, 1950	24.85	16,300
	Apr. 19, 1944	21.85	4,010		Feb. 16, 1950	21.88	5,030
	Apr. 27, 1944	22.52	5,130				
				1951	Mar. 30, 1951	24.30	12,600
1945	Feb. 15, 1945	21.04	4,140	1952	Apr. 15, 1952	13.82	1,080

Peak stages and discharges of Okatibbee Creek near Meridian, Miss.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1953	May 2, 1953	21.74	4,810	1959	June 17, 1959	16.47	1,810
1954	Mar. 31, 1954	14.72	1,310	1960	Mar. 2, 1960	15.4	1,500
1955	Apr. 16, 1955	15.91	1,640	1961	Feb. 22, 1961	26.14	27,000
1956	Apr. 7, 1956	24.08	11,400		Mar. 29, 1961	22.62	7,730
1957	Apr. 5, 1957	16.97	1,970		July 15, 1961	18.40	3,620
1958	May 2, 1958	17.64	2,170				

4765. Sowashee Creek at Meridian, Miss.

Location.--Lat 32°22'10", long 88°40'40", in NE¼ sec.17, T.6 N., R.16 E., Choctaw meridian, at bridge on U.S. Highway 45, 0.6 mile downstream from Southern Railway System bridge and 8 miles upstream from mouth.

Drainage area.--51.9 sq mi.

Gage.--Nonrecording prior to Dec. 19, 1950; recording thereafter. At site 0.4 mile upstream at datum 3.00 ft higher prior to Nov. 13, 1959. Datum of gage is 305.95 ft above mean sea level, datum of 1929, supplementary adjustment of 1941.

Stage-discharge relation.--Defined by current-meter measurements below 5,400 cfs. Channel improvements were completed in December 1954, resulting in a major stage-discharge relation change.

Bankfull stage.--18 ft.

Historical data.--Maximum stage known since at least 1900, 29.5 ft in February 1936, at site 0.5 mile upstream at present datum, from information by Southern Railway System. Flood of Mar. 31, 1949, reached a stage of 26.6 ft, at site 0.5 mile upstream at present datum, from information by Southern Railway System. Flood of Apr. 8, 1938, reached a stage of 26 ft at site 0.4 mile upstream at present datum, from information by U.S. Weather Bureau.

Remarks.--Base for partial-duration series, 1,300 cfs. Gage-height record prior to 1951 furnished by U.S. Weather Bureau (only annual peaks are shown for that period).

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Feb. 28, 1939	13.1	1,320	1955	Apr. 13, 1955	6.90	1,370
1940	July 9, 1940	15.0	2,430	1956	Feb. 5, 1956	7.25	1,520
1941	Mar. 7, 1941	14.5	1,980		Mar. 15, 1956	12.39	4,240
1942	Mar. 21, 1942	19.6	7,380		Apr. 6, 1956	7.20	1,520
1943	Mar. 21, 1943	14.7	2,160	1957	Apr. 4, 1957	6.68	1,440
1944	Mar. 23, 1944	16.2	3,540	1958	Nov. 14, 1957	7.12	1,480
1945	Apr. 29, 1945	16.7	4,040		Mar. 7, 1958	7.90	1,830
1949	Mar. 31, 1949	18.60	6,160		July 25, 1958	11.04	3,400
1950	Mar. 2, 1950	15.17	2,610	1959	July 20, 1959	6.72	1,320
1951	Feb. 1, 1951	13.86	1,560	1960	Mar. 3, 1960	8.68	1,490
	Mar. 28, 1951	20.09	8,030	1961	Feb. 21, 1961	19.63	7,680
1952	May 19, 1952	13.70	1,480		Mar. 31, 1961	18.12	5,720
1953	Feb. 24, 1953	14.06	1,670		June 2, 1961	10.70	1,710
	Apr. 30, 1953	13.80	1,520				
1954	Mar. 28, 1954	11.23	1,000				

4770. Chickasawhay River at Enterprise, Miss.

Location.--Lat 32°10', long 88°49', in NW¼ sec.24, T.4 N., R.14 E., Choctaw meridian, at bridge on State Highway 513 in Enterprise, half a mile downstream from confluence of Chunky and Okatibee Creeks.

Drainage area.--913 sq mi.

Gage.--U.S. Geological Survey: Nonrecording prior to Jan. 6, 1939; recording thereafter. U.S. Weather Bureau: Nonrecording. Datum of gages is 212.62 ft above mean sea level, datum of 1929, supplementary adjustment of 1941.

Stage-discharge relation.--Defined by current-meter measurements. Shifts occur occasionally.

Bankfull stage.--20 ft.

Historical data.--Maximum stage known, 37.2 ft, from floodmark, in April 1900 (from reports of U.S. Weather Bureau). The maximum known flood prior to 1900 occurred about 1871 and reached a stage of 34 ft, from newspaper reports.

Remarks.--Base for partial-duration series, 10,000 cfs. Gage-height record prior to 1939 furnished by U.S. Weather Bureau (only annual peaks are shown for that period).

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1871	-	34	-	1942	Mar. 22, 1942	27.32	21,300
1900	April 1900	37.2	-	1943	Mar. 23, 1943	25.58	18,100
1905	Feb. 10, 1905	28.8	24,000	1944	Mar. 31, 1944	24.38	16,000
					Apr. 20, 1944	22.08	12,200
1906	Mar. 21, 1906	29.0	24,400		Apr. 28, 1944	26.46	16,100
1907	Mar. 3, 1907	24.0	14,500				
1908	Feb. 16, 1908	23.1	13,100	1945	Apr. 30, 1945	21.17	10,600
1909	May 27, 1909	36.0	41,400				
1910	Apr. 19, 1910	10.3	3,450	1946	Feb. 12, 1946	26.80	18,600
					Mar. 18, 1946	24.16	14,700
1911	Jan. 4, 1911	23.8	14,200				
1912	Mar. 30, 1912	26.6	19,300	1947	Jan. 21, 1947	27.98	22,500
1913	Mar. 16, 1913	23.8	14,200				
1914	Apr. 3, 1914	13.0	4,650	1948	Mar. 7, 1948	25.45	16,900
1915	Feb. 3, 1915	20.0	9,300				
				1949	Nov. 30, 1948	32.46	32,100
1916	July 9, 1916	28.2	22,700		Feb. 18, 1949	21.24	10,600
1917	Mar. 6, 1917	22.5	12,300		Apr. 1, 1949	26.39	18,900
1918	May 1, 1918	21.6	11,100		May 4, 1949	21.45	10,800
1919	June 4, 1919	20.6	9,900				
1920	Dec. 10, 1919	36.2	42,000	1950	Jan. 8, 1950	33.10	33,500
					Feb. 16, 1950	28.02	22,200
1921	Apr. 18, 1921	31.8	30,600		May 4, 1950	21.00	10,300
1922	Mar. 3, 1922	23.0	13,000				
1923	Mar. 25, 1923	26.4	18,900	1951	Mar. 30, 1951	32.02	31,000
1924	Feb. 28, 1924	22.2	11,900				
1925	Jan. 19, 1925	29.6	25,800	1952	Dec. 21, 1951	11.37	3,930
1926	Jan. 6, 1926	18.8	8,140	1953	Feb. 26, 1953	21.14	10,500
1927	Feb. 15, 1927	21.6	11,100		May 2, 1953	22.94	12,800
1928	Apr. 25, 1928	26.0	18,100				
1929	Mar. 16, 1929	34.5	37,400	1954	Mar. 29, 1954	15.36	5,840
1930	Nov. 16, 1929	25.0	16,200				
				1955	Apr. 15, 1955	19.66	9,000
1931	July 29, 1931	22.1	11,800				
1932	Jan. 8, 1932	18.9	8,220	1956	Feb. 6, 1956	27.19	18,100
1933	Dec. 29, 1932	26.2	18,500		Mar. 17, 1956	33.00	33,200
1934	Mar. 7, 1934	23.4	13,600		Apr. 8, 1956	27.02	20,100
1935	Mar. 8, 1935	30.6	28,000				
				1957	Apr. 6, 1957	18.59	8,460
1936	Feb. 5, 1936	35.7	40,600				
1937	Jan. 21, 1937	27.9	22,000	1958	Mar. 9, 1958	19.11	8,400
1938	Apr. 8, 1938	36.0	41,400				
				1959	Jan. 24, 1959	15.40	5,590
1939	Mar. 31, 1939	a21.14	10,100				
				1960	May 8, 1960	18.17	7,660
1940	May 3, 1940	22.60	13,000				
	July 11, 1940	22.13	12,200	1961	Feb. 23, 1961	37.94	61,700
					Apr. 1, 1961	31.08	28,700
1941	Dec. 15, 1940	a16.11	7,510				

a Occurred at different time than peak discharge.

4771. Souinlovey Creek near Pachuta, Miss.

Location.--Lat 32°04', long 88°53', in NE¼NE¼ sec.32, T.3 N., R.14 E., Choctaw meridian, at bridge on U.S. Highway 11, 1.7 miles north of Pachuta.

Drainage area.--174 sq mi.

Gage.--Crest-stage gage. Datum of gage is at mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--Flood of April 1938 reached a stage of 256.2 ft and flood of November 1948 reached a stage of 255.0 ft, from information by Mississippi Highway Department.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	April 1938	256.2	-	1958	Mar. 8, 1958	253.32	5,400
				1959	May 23, 1959	251.67	1,200
1949	November 1948	255.0		1960	Apr. 4, 1960	252.93	3,900
1956	Mar. 17, 1956	254.86	13,000	1961	Feb. 22, 1961	255.66	18,500
1957	Sept.29, 1957	252.96	4,000				

4771.5. Pachuta Creek at Pachuta, Miss.

Location.--Lat 32°02'00", long 88°53'10", in NW¼NE¼ sec.8, T.2 N., R.14 E., Choctaw meridian, on U.S. Highway 11, 0.5 mile south of Pachuta.

Drainage area.--23 sq mi.

Gage.--Crest-stage gage. Datum of gage is mean sea level.

Stage-discharge relation.--Defined by current-meter measurements below 1,600 cfs and extended above logarithmically.

Historical data.--Flood of April 1938 reached a stage of 268.6 ft, from information by local resident. The flood of November 1948 reached a stage of 267.0 ft, from information by Mississippi Highway Department.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	-	268.6	-	1956	Mar. 15, 1956	267.04	3,100
				1957	Apr. 4, 1957	267.6	4,400
1949	November 1948	267.0	-	1958	Nov. 14, 1957	266.47	2,200
				1959	May 22, 1959	265.84	1,300
1952	May 23, 1952	265.83	1,250	1960	Apr. 4, 1960	264.16	620
1953	Apr. 30, 1953	266.62	2,400				
1954	July 7, 1954	266.91	2,700	1961	Feb. 22, 1961	268.32	6,000
1955	May 25, 1955	264.81	780				

4771.9. Chickasawhay River near Quitman, Miss.

Location.--Lat 32°01', long 88°44', in SE¼ sec.14, T.2 N., R.15 E., Choctaw meridian, at bridge on U.S. Highway 45, 2 miles south of Quitman.

Drainage area.--1,210 sq mi.

Gage.--Nonrecording. Datum of gage is 173.49 ft above mean sea level, datum of 1929, supplementary adjustment of 1941.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--36 ft.

Historical data.--Floods outside period of record are as follows: April 1900, 49 ft, approximately, from information by Corps of Engineers; April 1938, 47.5 ft, from information by local residents; January 1950, 45.8 ft, from information by local residents; November 1948, 44.8 ft, from information by local residents.

Remarks.--Only annual peaks are shown. Gage-height record and discharge measurements furnished by Corps of Engineers.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Mar. 8, 1939	29.6	9,310	1942	Mar. 24, 1942	40.2	21,900
1940	May 4, 1940	34.7	13,600	1943	Mar. 24, 1943	38.8	19,500
	July 13, 1940	34.7	13,600	1961	Feb. 24, 1961	48.59	a61,100
1941	Mar. 10, 1941	23.9	6,950				

a U.S. Geological Survey discharge measurement.

4773.5. Chickasawhay River at Shubuta, Miss.

Location.--Lat 31°51', long 88°42', in E½ sec.10, T.10 N., R.7 W., St. Stephens meridian, at bridge on U.S. Highway 45, 1 mile southeast of Shubuta.

Drainage area.--1,460 sq mi, from U.S. Weather Bureau.

Gage.--Nonrecording. Datum of gage is 147.30 ft above mean sea level, datum of 1929. Prior to Mar. 13, 1940, at site 3,500 ft upstream at datum 3.87 ft higher.

Stage-discharge relation.--Defined by current-meter measurements obtained by the Corps of Engineers December 1936 to March 1944.

Bankfull stage.--30 ft; prior to Mar. 13, 1940, 26 ft.

Historical data.--The flood of April 1900 reached a stage of 45.0 ft, former site and datum, and 47.9 ft, present site and datum, from information by U.S. Weather Bureau. The flood of April 1938 reached a stage of 44.2 ft, present site and datum, from information by Mississippi Highway Department.

Remarks.--Only annual observed peaks are shown. Gage-height record furnished by U.S. Weather Bureau.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1900	April 1900	45.0	-	1917	Mar. 9, 1917	26.9	12,500
1905	Feb. 12, 1905	40.0	48,000	1918	May 4, 1918	26.2	11,800
1906	Mar. 22, 1906	39.2	44,000	1919	Mar. 10, 1919	24.6	10,600
1907	Mar. 5, 1907	34.5	25,700	1920	Dec. 11, 1919	44.3	86,000
1908	Feb. 19, 1908	32.5	21,000	1921	Apr. 20, 1921	34.6	26,000
1909	May 28, 1909	43.0	70,000	1922	Mar. 7, 1922	26.8	12,400
1910	Mar. 3, 1910	15.4	5,000	1923	Mar. 27, 1923	33.2	23,000
1911	Jan. 4, 1911	27.7	13,500	1924	Mar. 3, 1924	26.3	12,000
1912	Apr. 2, 1912	34.3	25,500	1925	Jan. 22, 1925	32.6	21,000
1913	Jan. 29, 1913	31.9	19,600				
1914	Dec. 31, 1913	17.6	6,100	1926	Jan. 6, 1926	25.5	11,300
1915	Feb. 6, 1915	27.3	13,000	1927	Feb. 19, 1927	30.1	17,000
				1928	June 5, 1928	35.0	27,000
1916	July 12, 1916	39.4	45,000	1929	Mar. 17, 1929	40.4	51,000

Peak stages and discharges of Chickasawhay River at Shubuta, Miss.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1930	Nov. 19, 1929	31.7	19,300	1947	Jan. 23, 1947	39.2	35,000
				1948	Mar. 8, 1948	37.8	29,200
1931	Aug. 1, 1931	26.0	11,800	1949	Dec. 3, 1948	38.7	32,200
1932	Jan. 31, 1932	26.0	11,800	1950	May 8, 1950	-	a25,000
1933	Jan. 1, 1933	31.8	19,400				
1934	Mar. 8, 1934	24.8	10,800	1951	Apr. 2, 1951	38.9	36,800
1935	Mar. 10, 1935	37.4	35,000	1952	Mar. 5, 1952	19.7	5,400
				1953	May 6, 1953	31.9	15,100
1936	Feb. 7, 1936	41.1	57,000	1954	Dec. 14, 1953	27.2	10,000
1937	Jan. 23, 1937	34.3	25,500	1955	Apr. 18, 1955	24.9	8,300
1938	Apr. 10, 1938	41.2	58,000				
1939	Mar. 8, 1939	25.2	11,100	1956	Mar. 20, 1956	38.1	31,000
1940	May 1, 1940	32.8	16,700	1957	Sept.29, 1957	25.2	8,600
				1958	Nov. 24, 1957	26.4	9,200
1941	Mar. 9, 1941	27.0	9,800		Mar. 13, 1958	26.4	9,200
1942	Mar. 25, 1942	34.4	20,500	1959	June 3, 1959	25.5	8,700
1943	Mar. 26, 1943	33.6	18,500	1960	Apr. 4, 1960	23.4	7,400
1944	Apr. 30, 1944	37.4	28,500				
1945	Feb. 26, 1945	28.7	11,200	1961	Feb. 25, 1961	44.91	66,000
1946	Feb. 16, 1946	34.5	20,600				

a Estimated.

4775. Chickasawhay River near Waynesboro, Miss.

Location.--Lat 31°41', long 88°41', in NW¼ sec.10, T.8 N., R.7 W., St. Stephens meridian, at bridge on U.S. Highway 84, 2 miles west of Waynesboro and 21 miles upstream from Bucatunna Creek.

Drainage area.--1,660 sq mi, approximately.

Gage.--U.S. Geological Survey: Nonrecording prior to May 4, 1937; recording thereafter. Datum of gage is 119.91 ft above mean sea level (Mississippi State Highway bench mark). U.S. Weather Bureau: Nonrecording. Same datum as for Geological Survey gage. Corps of Engineers: Nonrecording at site 1.3 miles upstream. Datum of gage is 122.86 ft above mean sea level, datum of 1929 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--35 ft.

Historical data.--Flood of April 1900 reached a stage of about 50 ft (discharge, about 73,000 cfs).

Remarks.--Base for partial-duration series, 10,000 cfs. Prior to 1939 and after 1950, only annual peaks are shown. Peak stages prior to 1939 furnished by Corps of Engineers and those after 1950 furnished by U.S. Weather Bureau.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1900	April 1900	50	73,000	1946	Feb. 16, 1946	31.90	16,400
1937	Jan. 26, 1937	36.7	23,100		Mar. 22, 1946	29.28	13,800
1938	Apr. 11, 1938	47.1	53,100	1947	Jan. 24, 1947	39.00	26,000
1939	Mar. 9, 1939	26.31	11,400		Apr. 16, 1947	29.92	11,700
1940	Feb. 12, 1940	27.54	12,200	1948	Mar. 9, 1948	39.10	24,700
	May 2, 1940	31.37	16,200	1949	Dec. 4, 1948	37.85	24,200
	July 15, 1940	29.96	14,500		Feb. 18, 1949	29.62	14,000
1941	Mar. 8, 1941	24.34	9,910		Apr. 4, 1949	36.20	21,800
1942	Mar. 26, 1942	33.60	18,400		May 4, 1949	27.55	12,300
1943	Dec. 29, 1942	29.33	13,800	1950	Jan. 12, 1950	36.06	21,700
	Mar. 22, 1943	33.60	18,400		Feb. 20, 1950	30.93	15,400
1944	Feb. 27, 1944	27.84	12,400		May 8, 1950	24.62	10,100
	Mar. 29, 1944	33.84	18,600	1951	Apr. 3, 1951	39.8	27,600
	Apr. 27, 1944	38.24	24,800	1952	Mar. 4, 1952	20.8	7,530
				1953	May 7, 1953	31.2	15,600
1945	Feb. 27, 1945	26.08	11,200	1954	Dec. 14, 1953	23.2	9,140

Peak stages and discharges of Chickasawhay River near Waynesboro, Miss.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Apr. 18, 1955	24.2	9,840	1959	June 3, 1959	23.7	9,490
				1960	Apr. 3, 1960	24.2	9,840
1956	Mar. 21, 1956	37.7	24,100				
1957	Sept.30, 1957	23.7	9,490	1961	Feb. 26, 1961	47.90	58,300
1958	Mar. 14, 1958	25.3	10,600				

4780. Bucatunna Creek at Denham, Miss.

Location.--Lat 31°40', long 88°31', in SE¼ sec.18, T.8 N., R.5 W., St. Stephens meridian, at bridge on county road, 0.3 mile east of Denham and 9 miles southeast of Waynesboro.

Drainage area.--468 sq mi.

Gage.--Nonrecording. Datum of gage is 134.49 ft above mean sea level, datum of 1929, supplementary adjustment of 1941 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 11,000 cfs.

Historical data.--Maximum stage known, about 34 ft in April 1900; floods of December 1919 and April 1938 each reached a stage of about 31½ ft, from information by local residents.

Remarks.--Base for partial-duration series, 4,800 cfs. Only annual peaks are shown for 1951 and 1961.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1900	April 1900	34	-	1946	Aug. 1, 1946	18.7	4,820
					Aug. 10, 1946	19.80	5,560
1939	Mar. 31, 1939	18.8	4,880				
				1947	Jan. 23, 1947	25.6	12,000
1940	May 3, 1940	22.1	7,500		Apr. 2, 1947	18.9	4,940
	July 11, 1940	19.6	5,420				
				1948	Mar. 7, 1948	25.4	11,600
1941	Mar. 8, 1941	19.0	5,000				
				1949	Dec. 1, 1948	21.25	6,680
1942	Mar. 26, 1942	20.5	6,100		Feb. 17, 1949	20.4	6,020
					Apr. 1, 1949	19.83	5,560
1943	Dec. 28, 1942	22.7	8,100		May 2, 1949	18.83	4,880
	Mar. 21, 1943	25.02	11,000				
				1951	March 1951	28.2	16,600
1944	Mar. 30, 1944	22.9	8,300				
	Apr. 27, 1944	28.0	16,400	1961	Feb. 24, 1961	29.63	20,900
1945	Mar. 26, 1945	19.4	5,280				

4783. Chickasawhay River at Old Avera, Miss.

Location.--Lat 31°21'55", long 88°33'30", in SE¼ sec.26, T.5 N., R.6 W., St. Stephens meridian, at bridge on county road at old Avera 8 miles southwest of State line.

Drainage area.--2,510 sq mi (authority Corps of Engineers).

Gage.--Nonrecording. Datum of gage is 80.29 ft above mean sea level (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 20,000 cfs.

Bankfull stage.--30 ft.

Remarks.--Only annual peaks are shown. Gage-height record and discharge measurements furnished by Corps of Engineers.

Peak stages and discharges of Chickasawhay River at Old Avera, Miss.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Mar. 5, 1939	a18.3	15,700	1942	Mar. 28, 1942	24.5	23,800
1940	July 12, 1940	22.8	21,500	1943	Mar. 22, 1943	28.8	30,000
1941	Mar. 8, 1941	19.0	16,500				

a Record incomplete; probably the annual peak.

4785. Chickasawhay River at Leakesville, Miss.

Location.--Lat 31°08', long 88°33', in SW¼ sec.12, T.2 N., R.6 W., St. Stephens meridian, at bridge on State Highway 63, half a mile southeast of Leakesville, 2 miles upstream from Foulk ditch, and 25 miles upstream from confluence with Leaf River.

Drainage area.--2,680 sq mi, approximately.

Gage.--Nonrecording prior to Oct. 19, 1939; recording thereafter. Datum of gage is 51.13 ft above mean sea level, datum of 1929 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--Maximum stage known, 38 ft in April 1900; flood in July 1916 reached a stage of 31½ ft, from information by local residents.

Remarks.--Base for partial-duration series, 15,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1900	April 1900	38	-	1949	Feb. 21, 1949	26.65	23,200
1938	Apr. 12, 1938	34.12	a68,800		Apr. 7, 1949	27.66	27,500
1939	Mar. 13, 1939	23.25	14,700		May 6, 1949	24.82	17,800
1940	Feb. 15, 1940	23.90	15,900	1950	Jan. 17, 1950	25.87	20,800
	May 7, 1940	26.02	20,700		Feb. 23, 1950	24.40	16,900
	July 13, 1940	26.37	21,800	1951	Apr. 4, 1951	29.22	35,200
1941	Mar. 11, 1941	23.63	15,400	1952	Mar. 6, 1952	21.30	11,600
1942	Mar. 29, 1942	27.17	25,000	1953	Mar. 1, 1953	23.57	16,200
1943	Jan. 2, 1943	25.78	20,400		May 10, 1953	25.11	19,200
	Mar. 23, 1943	29.16	34,300	1954	Dec. 13, 1953	23.52	16,000
1944	Mar. 4, 1944	23.93	15,900	1955	Apr. 15, 1955	25.00	18,600
	Apr. 1, 1944	28.20	29,200	1956	Feb. 14, 1956	23.23	15,100
	Apr. 29, 1944	30.13	39,600		Mar. 25, 1956	26.61	23,200
1945	Mar. 28, 1945	25.66	20,100	1957	Sept.30, 1957	21.61	12,400
1946	Feb. 20, 1946	25.66	20,200	1958	Mar. 12, 1958	23.30	15,300
	Mar. 25, 1946	24.58	17,400	1959	June 10, 1959	22.20	13,300
	May 22, 1946	23.78	15,700	1960	Apr. 6, 1960	24.22	17,000
1947	Jan. 26, 1947	29.10	34,600	1961	Feb. 28, 1961	33.52	73,600
	Apr. 4, 1947	24.68	17,600		Mar. 21, 1961	25.30	17,700
	Apr. 17, 1947	25.34	19,100		Apr. 4, 1961	29.36	37,100
1948	Dec. 12, 1947	24.68	17,600				
	Mar. 11, 1948	29.33	35,800				
1949	Nov. 29, 1948	28.44	30,900				

a Annual peak only.

4790. Pascagoula River at Merrill, Miss.

Location.--Lat 30°58'40", long 88°43'35", in SW¼ sec.18, T.1 S., R.7 W., St. Stephens meridian, at bridge half a mile downstream from confluence of Leaf and Chickasawhay Rivers and half a mile west of Merrill.

Drainage area.--6,600 sq mi, approximately.

Gage.--U.S. Geological Survey: Nonrecording prior to December 1934; recording thereafter. Datum of gage is 26.25 ft above mean sea level, datum of 1929, supplementary adjustment of 1941. U.S. Weather Bureau: Nonrecording. Datum of gage is 26.25 ft above mean sea level. Prior to June 29, 1934, at site 300 ft downstream at datum 4.0 ft higher.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--22 ft.

Historical data.--Maximum stage known, 32.5 ft in April 1900 (from information by U.S. Weather Bureau). According to local residents the 1900 flood was the highest since at least 1852 at Grahams Ferry 46 miles downstream.

Remarks.--Only annual peaks are shown. All stages herein have been reduced to present datum. Gage-height record prior to 1931 furnished by U.S. Weather Bureau.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1900	April 1900	32.5	-	1934	Mar. 8, 1934	23.05	43,800
				1935	Mar. 12, 1935	25.83	89,700
1905	Feb. 15, 1905	27.5	119,000				
				1936	Feb. 11, 1936	25.43	80,700
1906	Mar. 25, 1906	25.6	87,400	1937	Jan. 26, 1937	23.83	52,600
1907	May 21, 1907	25.7	89,000	1938	Apr. 13, 1938	29.71	154,000
1908	Feb. 20, 1908	25.4	84,200	1939	Apr. 2, 1939	21.82	39,000
1909	June 4, 1909	29.1	148,000	1940	July 14, 1940	24.30	66,800
1910	June 7, 1910	20.6	32,700				
				1941	Mar. 12, 1941	22.36	43,300
1911	Jan. 8, 1911	24.3	67,400	1942	Mar. 29, 1942	23.13	50,100
1912	Apr. 22, 1912	30.2	170,000	1943	Mar. 24, 1943	27.06	120,000
1913	Mar. 19, 1913	25.5	85,800	1944	May 1, 1944	25.25	84,800
1914	Apr. 1, 1914	21.0	34,800	1945	Apr. 4, 1945	20.50	34,500
1915	Feb. 7, 1915	23.9	61,800				
				1946	May 19, 1946	22.29	41,800
1916	July 9, 1916	31.0	187,000	1947	Jan. 26, 1947	25.33	86,500
1917	Mar. 6, 1917	24.5	70,300	1948	Mar. 10, 1948	25.95	103,000
1918	May 7, 1918	20.2	30,800	1949	Nov. 28, 1948	25.66	89,000
1919	Mar. 10, 1919	23.7	59,200	1950	Feb. 20, 1950	23.34	54,100
1920	Dec. 15, 1919	29.5	156,000				
				1951	Apr. 3, 1951	24.62	71,800
1921	Apr. 21, 1921	26.9	109,000	1952	Mar. 7, 1952	18.29	25,200
1922	Mar. 11, 1922	23.6	57,900	1953	May 10, 1953	23.27	54,100
1923	Apr. 10, 1923	23.7	59,200	1954	Dec. 15, 1953	22.18	44,000
1924	Jan. 28, 1924	22.1	42,200	1955	Apr. 15, 1955	23.16	52,900
1925	Jan. 21, 1925	25.5	85,800				
				1956	Mar. 23, 1956	21.90	42,000
1926	Jan. 10, 1926	23.4	55,300	1957	Sept. 21, 1957	20.94	34,400
1927	Feb. 20, 1927	25.2	81,000	1958	Nov. 20, 1957	21.41	37,500
1928	June 8, 1928	28.6	139,000	1959	June 2, 1959	23.08	51,800
1929	Mar. 21, 1929	26.4	100,000	1960	Apr. 7, 1960	22.26	44,400
1930	Nov. 21, 1929	23.5	56,600				
				1961	Feb. 27, 1961	30.66	178,000
1931	Nov. 21, 1931	20.0	28,500				
1932	Jan. 9, 1932	23.20	46,100				
1933	Apr. 16, 1933	23.70	55,000				

4790.4. Big Creek near Lucedale, Miss.

Location.--Lat 30°56'25", long 88°37'05", in SE¼SE¼ sec.19, T.1 S., R.6 W., St. Stephens meridian, at bridge on U.S. Highway 98, 0.8 mile downstream from Beaverdam Creek and 2.1 miles northwest of Lucedale.

Drainage area.--22.0 sq mi.

Gage.--Crest-stage gage, assumed datum.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--86 ft.

Historical data.--A flood in 1926 reached approximately the same stage as that of June 1, 1959, according to A. M. Eubanks, local resident.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	May 19, 1952	88.22	940	1957	Sept.18, 1957	89.14	1,400
1953	Apr. 25, 1953	87.65	700	1958	July 25, 1958	89.47	1,600
1954	Dec. 4, 1953	86.68	420	1959	June 1, 1959	95.77	7,000
1955	Apr. 12, 1955	92.54	3,800	1960	May 7, 1960	90.41	2,100
1956	Sept.24, 1956	92.56	3,850	1961	Feb. 18, 1961	89.51	1,600

4791. Black Creek near Purvis, Miss.

Location.--Lat 31°11', long 89°23', in SW¼ sec.26, T.3 N., R.14 W., St. Stephens meridian, at bridge on U.S. Highway 11, 1.2 miles downstream from Sandy Run Creek, and 4 miles northeast of Purvis.

Drainage area.--154 sq mi.

Gage.--Crest-stage gage. Datum of gage is 189.96 ft above mean sea level, State Highway Department datum.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--21 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1957	Sept.19, 1957	20.75	1,880	1960	May 6, 1960	26.30	7,300
1958	Sept.23, 1958	23.26	3,330				
1959	June 1, 1959	25.10	5,200	1961	Feb. 18, 1961	28.20	15,700

4791.4. Walls Creek near Brooklyn, Miss.

Location.--Lat 31°05'47", long 89°12'53", in NE¼ sec.32, T.2 N., R.12 W., St. Stephens meridian, at bridge on U.S. Highway 49, 2.0 miles upstream from confluence with Davis Creek and 3.0 miles northwest of Brooklyn.

Drainage area.--22.3 sq mi.

Gage.--Crest-stage gage. Datum of gage is 57.16 ft above mean sea level (from Mississippi Highway Department bridge plans).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges of Walls Creek near Brooklyn, Miss.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	(a)	b96.0	3,320	1957	Sept.18, 1957	91.98	978
1952	-	(c)	-	1958	Sept.22, 1958	93.72	1,590
1953	Apr. 25, 1953	91.17	815	1959	June 1, 1959	98.16	6,000
1954	Dec. 4, 1953	98.09	5,620	1960	Apr. 3, 1960	94.90	2,400
1955	Apr. 12, 1955	96.44	3,700	1961	Sept.14, 1961	94.45	2,100
1956	Mar. 14, 1956	87.07	370				

a Unknown. b From floodmark, probably the 1951 annual peak. c Less than 91½ ft (bottom of gage).

4791.65. Mosquito Branch at Benndale, Miss.

Location.--Lat 30°51'40", long 88°49'30", in SW¼NE¼ sec.19, T.2 S., R.8 W., St. Stephens meridian, at upstream side of culvert on State Highway 26, 1.0 mile west of Benndale.

Drainage area.--0.215 sq mi; shape of basin (length divided by average width), 2.15; mean altitude of basin, 135 ft; slope of basin, 0.014; cover of basin, about one-fourth cultivated, rest in woods or pasture.

Gage.--Crest-stage gage. Altitude of gage is 110 ft (from topographic map).

Stage-discharge relation.--Theoretical rating and crest-stage gage readings (verified by high-water marks).

Bankfull stage.--2½ ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Apr. 12, 1955	8.26	314	1959	Aug. 2, 1959	2.60	51
1956	July 10, 1956	3.28	81	1960	May 7, 1960	2.82	61
1957	Sept.18, 1957	4.00	116	1961	Mar. 19, 1961	5.62	206
1958	Sept.22, 1958	2.92	66				

4791.8. Red Creek at Lumberton, Miss.

Location.--Lat 31°01', long 89°27', in NW¼ sec.31, T.1 N., R.14 W., St. Stephens meridian, at bridge on U.S. Highway 11, 0.5 mile north of Lumberton, Miss.

Drainage area.--15.6 sq mi.

Gage.--Crest-stage gage, assumed datum.

Stage-discharge relation.--Defined by current-meter measurements below 1,500 cfs and extended on basis of contracted-opening measurement at 3,500 cfs.

Historical data.--A flood in 1948 reached a stage of 248.1 ft above mean sea level, according to the Mississippi Highway Department.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	(a)	b94.51	543	1957	Sept.18, 1957	94.69	631
1952	May 19, 1952	94.23	419	1958	Sept.22, 1958	95.22	929
1953	Apr. 25, 1953	95.95	1,440	1959	July 3, 1959	95.00	798
1954	Dec. 4, 1953	97.70	c2,720	1960	May 6, 1960	97.26	c2,400
1955	Feb. 6, 1955	94.22	414	1961	Feb. 18, 1961	98.7	3,500
1956	Mar. 11, 1956	94.66	616				

a Unknown.
b From floodmark, probably the 1951 annual peak.
c Revised; supersede figures published in WSP 1554 and WSP 1704, respectively.

4791.9. Red Creek near Wiggins, Miss.

Location.--Lat 30°51', long 89°12', in NW¼ sec.28, T.2 S., R.12 W., St. Stephens meridian, at bridge on old State Highway 26, 4 miles west of Wiggins.

Drainage area.--168 sq mi, based on information from Mississippi Highway Department.

Gage.--Crest-stage gage. Datum of gage is at mean sea level, datum of 1929, supplementary adjustment of 1941.

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--A flood in 1928 reached a stage of 150.5 ft. Flood in July 1916 reached a stage 2 or 3 ft higher and was the highest since at least 1850, from information by local residents. A flood in 1948 reached a stage of 145.8 ft, from information by Mississippi Highway Department.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	May 20, 1952	133.01	2,310	1957	Sept.18, 1957	139.64	5,480
1953	June 27, 1953	136.3	3,770	1958	Nov. 27, 1957	135.38	3,320
1954	Dec. 4, 1953	144.65	8,400	1959	June 9, 1959	140.97	6,200
1955	Apr. 12, 1955	139.29	5,300	1960	May 7, 1960	147.49	13,600
1956	Mar. 12, 1956	133.43	2,480	1961	June 20, 1961	142.37	7,000

4792. Flint Creek near Wiggins, Miss.

Location.--Lat 30°50'40", long 89°04'30", in SE¼ sec.27, T.2 S., R.11 W., St. Stephens meridian, at bridge on State Highway 26, 0.6 mile upstream from Kirby Creek, 0.8 mile downstream from Bridge Creek, and 3.8 miles east of Wiggins.

Drainage area.--24.8 sq mi.

Gage.--Crest-stage gage November 1951 to December 1954; recording thereafter. Datum of gage is 132.05 ft above mean sea level (Mississippi State Highway bench mark).

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--A flood in 1948 reached a stage of 16.0 ft, from information by Mississippi Highway Department.

Remarks.--Only annual peaks are shown prior to 1958. Base for partial-duration series, 600 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1948	-	16.0	-	1960	Mar. 30, 1960	13.09	1,060
1953	Apr. 25, 1953	13.4	1,230		Apr. 3, 1960	11.76	632
1954	Dec. 4, 1953	12.16	721		May 7, 1960	15.51	2,760
					Sept.16, 1960	11.81	632
1957	Sept.18, 1957	16.17	3,320				
				1961	Feb. 18, 1961	15.01	2,290
1958	Nov. 19, 1957	12.73	880		Feb. 22, 1961	12.46	801
	July 26, 1958	11.92	652		Mar. 17, 1961	15.12	2,400
					Mar. 30, 1961	14.07	1,550
1959	June 1, 1959	12.32	747		June 20, 1961	12.60	848
	June 9, 1959	14.42	1,930		Sept.14, 1961	12.05	686

4795. Escatawpa River near Wilmer, Ala.

Location.--Lat 30°52', long 88°25', in NW¼ sec.19, T.2 S., R.4 W., on downstream side of center main channel pier of bridge on State Highway 42 at Alabama-Mississippi State line, a quarter of a mile upstream from Gulf, Mobile & Ohio Railroad bridge, half a mile upstream from Rocky Creek, and 4 miles northwest of Wilmer.

Drainage area.--506 sq mi.

Gage.--Recording. Altitude of gage is 60 ft (from topographic map).

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--17 ft.

Remarks.--Base for partial-duration series, 5,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1946	Mar. 16, 1946	15.76	6,010	1954	Dec. 14, 1953	15.2	5,920
	Mar. 28, 1946	18.40	8,600	1955	Feb. 8, 1955	14.00	5,030
	May 18, 1946	16.95	7,020		Apr. 14, 1955	23.25	23,900
	June 3, 1946	17.05	7,020		Aug. 3, 1955	17.48	7,660
	Aug. 5, 1946	15.10	5,520	1956	Mar. 12, 1956	15.9	6,300
	Sept.24, 1946	16.10	6,240		July 11, 1956	20.8	13,900
1947	Mar. 9, 1947	16.92	6,920	1957	Dec. 24, 1956	20.2	12,100
	Mar. 14, 1947	17.94	8,000		Apr. 6, 1957	16.2	6,580
	Apr. 4, 1947	17.62	7,650		Aug. 6, 1957	-	(a)
	Apr. 16, 1947	18.28	8,480		Sept.21, 1957	21.1	14,800
1948	Nov. 13, 1947	15.38	5,730	1958	Nov. 15, 1957	16.8	6,880
	Dec. 13, 1947	20.66	14,400		Nov. 24, 1957	14.0	5,030
	Mar. 7, 1948	20.9	14,900		July 22, 1958	16.2	6,580
1949	Nov. 28, 1948	24.00	26,200		July 28, 1958	14.5	5,380
	Feb. 20, 1949	-	6,160		Sept.25, 1958	14.8	5,590
	Mar. 23, 1949	18.35	8,660	1959	June 2, 1959	24.66	30,000
	May 3, 1949	16.40	6,480		June 12, 1959	19.01	9,800
1950	July 13, 1950	15.21	5,550	1960	Mar. 31, 1960	18.67	9,200
	Sept. 2, 1950	17.2	7,220		May 7, 1960	20.76	14,600
1951	Mar. 20, 1951	19.0	9,730	1961	Feb. 21, 1961	21.48	16,500
	Mar. 31, 1951	19.6	11,300		Feb. 25, 1961	21.81	17,400
1952	May 20, 1952	14.76	5,280		Mar. 18, 1961	20.18	13,000
1953	Feb. 25, 1953	15.34	6,000		Mar. 31, 1961	19.54	11,200
1954	Dec. 8, 1953	15.2	5,920		Apr. 13, 1961	14.22	5,180
					June 21, 1961	16.95	7,160

a Stage and discharge unknown.

4800. Big Creek near Mobile, Ala.

Location.--Lat 30°43'45", long 88°20'10", in NW¼ sec.1, T.4 S., R.4 W., at bridge on county highway, 1 mile upstream from Hamilton Creek, 6 miles downstream from Gulf, Mobile & Ohio Railroad bridge, and 19 miles west of Mobile.

Drainage area.--86.7 sq mi.

Gage.--Nonrecording. Datum of gage is 58.60 ft above mean sea level (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--14 ft.

Remarks.--Base for partial-duration series, 1,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1945	Nov. 27, 1944	16.60	3,080	1949	Nov. 24, 1948	14.8	2,040
1946	Mar. 28, 1946	15.09	2,170		Nov. 27, 1948	15.8	2,550
1947	Mar. 13, 1947	13.4	1,620		Feb. 19, 1949	10.4	1,170
					Apr. 22, 1949	14.5	1,920
1948	Mar. 6, 1948	13.9	1,730	1950	July 12, 1950	17.5	3,460
	Aug. 9, 1948	13.4	1,620		Sept. 2, 1950	13.2	1,580

4805. Tuxachanie Creek near Biloxi, Miss.

Location.--Lat 30°31', long 88°55', in NW¼ sec.20, T.6 S., R.9 W., St. Stephens meridian, at bridge on State Highway 57, 2½ miles upstream from mouth, 3¾ miles downstream from Hog Branch, and 7 miles north of city limits of Biloxi.

Drainage area.--92.4 sq mi.

Gage.--Recording. Altitude of gage is 4 ft (from topographic map).

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--Flood occurring sometime during period 1907-9 reached a stage 1 ft higher than that of Sept. 19, 1957, from information by local residents. Flood in 1948 reached an elevation 22.0 ft above mean sea level, from information by Mississippi Highway Department.

Remarks.--Base for partial-duration series, 2,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1953	Dec. 30, 1952	9.15	2,110	1958	July 21, 1958	11.88	3,190
	Apr. 25, 1953	11.02	2,820		July 26, 1958	9.55	2,220
	June 28, 1953	12.26	3,400				
				1959	Feb. 3, 1959	9.60	2,220
1954	Dec. 12, 1953	9.21	2,110		Mar. 5, 1959	11.90	3,190
					May 21, 1959	10.82	2,730
1955	Feb. 7, 1955	14.02	4,100		June 9, 1959	15.70	5,190
	Apr. 10, 1955	18.46	8,440		Aug. 2, 1959	11.70	3,110
	Apr. 13, 1955	19.48	10,700		Sept.26, 1959	12.15	3,340
	Aug. 2, 1955	14.80	4,500				
				1960	Oct. 7, 1959	12.31	3,390
1956	Mar. 11, 1956	9.43	2,190		Jan. 18, 1960	9.55	2,220
	Sept.24, 1956	14.03	4,240		Apr. 3, 1960	12.40	2,980
					May 7, 1960	10.12	2,430
1957	Dec. 24, 1956	16.45	5,720		Sept.16, 1960	14.04	4,240
	Apr. 5, 1957	11.07	2,860				
	Mar. 24, 1957	12.50	3,490	1961	Feb. 19, 1961	15.10	4,810
	Sept.19, 1957	22.22	17,700		Feb. 22, 1961	9.89	2,350
					Feb. 25, 1961	11.26	2,920
1958	Nov. 14, 1957	9.26	2,150		Mar. 18, 1961	13.82	4,150
	Jan. 21, 1958	9.52	2,180		Apr. 12, 1961	15.82	5,270
	Mar. 6, 1958	15.57	5,120		June 20, 1961	14.65	4,560
	May 6, 1958	9.32	2,100		Aug. 8, 1961	14.93	4,710
	May 19, 1958	15.38	4,990		Sept. 3, 1961	12.10	3,290
	July 9, 1958	9.08	2,020		Sept.12, 1961	12.45	3,460

BILOXI RIVER BASIN

4810. Biloxi River at Wortham, Miss.

Location.--Lat 30°33', long 89°07', in SE¼ sec.31, T.5 S., R.11 W., St. Stephens meridian, at bridge on U.S. Highway 49, three-quarters of a mile east of Wortham, 1 mile downstream from Illinois Central Railroad bridge, 1 mile upstream from Saucier Creek, and 4 miles north of Lyman.

Drainage area.--98.3 sq mi.

Gage.--Recording. Datum of gage is 21.18 ft above mean sea level, datum of 1929, supplementary adjustment of 1941 (levels by Mississippi Highway Department).

Stage-discharge relation.--Defined by current-meter measurements. Backwater from Saucier Creek occasionally.

Historical data.--Flood in 1948 reached a stage of 23.3 ft, from information by Mississippi State Highway Department. Floods in 1916 and in 1928 were approximately the same stage and were at least 8½ ft higher than that of Sept. 18, 1957, at a point about 1 mile upstream, from information by local residents.

Remarks.--Base for partial-duration series, 2,000 cfs.

Peak stages and discharges of Biloxi River at Wortham, Miss.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1948	-	23.3	-	1958	July 22, 1958	11.26	2,920
					July 26, 1958	9.09	2,010
1953	Dec. 30, 1952	11.11	2,830				
	Feb. 20, 1953	12.67	3,610	1959	Feb. 3, 1959	10.81	2,700
	Feb. 22, 1953	9.29	2,050		Mar. 5, 1959	9.71	2,220
	Apr. 25, 1953	16.84	5,880		Apr. 1, 1959	11.22	2,880
	June 27, 1953	12.82	3,660		May 21, 1959	14.06	4,330
					June 9, 1959	15.47	5,120
1954	Dec. 12, 1953	10.28	2,470		Aug. 1, 1959	9.89	2,300
					Sept.26, 1959	13.86	4,220
1955	Feb. 6, 1955	12.62	3,560		Sept.27, 1959	10.56	2,610
	Apr. 10, 1955	17.17	6,120				
	Apr. 13, 1955	19.33	7,460	1960	Feb. 4, 1960	11.16	2,880
	Aug. 2, 1955	16.32	5,580		Apr. 3, 1960	13.93	4,220
	Aug. 8, 1955	10.90	2,740		Sept.16, 1960	16.60	5,120
1956	June 16, 1956	11.22	2,880	1961	Feb. 19, 1961	18.85	6,540
	Sept.24, 1956	13.86	4,220		Feb. 22, 1961	10.60	2,590
					Feb. 25, 1961	13.70	3,920
1957	Dec. 24, 1956	15.40	5,070		Mar. 17, 1961	20.50	7,520
	Sept.18, 1957	21.08	7,740		Apr. 12, 1961	12.30	3,300
					June 20, 1961	16.16	5,150
1958	Nov. 14, 1957	10.73	2,650		July 10, 1961	9.18	2,030
	Jan. 21, 1958	11.34	2,920		Sept.11, 1961	12.45	3,370
	Mar. 7, 1958	9.68	2,210		Sept.14, 1961	11.18	2,830
	Mar. 24, 1958	9.25	2,010				
	May 18, 1958	10.55	2,610				

WOLF RIVER BASIN

4814. Wolf River near Poplarville, Miss.

Location.--Lat 30°51', long 89°28', in W½ sec.26, T.2 S., R.15 W., St. Stephens meridian, at bridge on State Highway 26, 4 miles east of Poplarville.

Drainage area.--71 sq mi.

Gage.--Crest-stage gage. At site 0.25 mile downstream at datum 160.55 ft higher prior to July 19, 1956. Datum of gage is at mean sea level, datum of 1929, supplementary adjustment of 1941.

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--Flood of July 1916 reached a stage of 194.5 ft and that of April 1929, 193.5 ft, both at present site and datum, from information by local resident.

Remarks.--Only annual peaks are shown. A difference in elevation of 1.0 ft existed in the water surface between the State Highway 26 bridge and the county bridge at the flood crest of Dec. 4, 1953.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1916	July 1916	194.5	-	1957	Sept.18, 1957	187.2	2,400
				1958	May 19, 1958	186.80	2,150
1952	May 19, 1952	22.74	1,040	1959	June 9, 1959	185.36	1,480
1953	Apr. 25, 1953	24.82	2,060	1960	May 7, 1960	189.45	5,000
1954	Dec. 4, 1953	27.08	3,990				
1955	Feb. 6, 1955	23.15	1,170	1961	Feb. 18, 1961	191.67	8,800
1956	Mar. 11, 1956	22.86	1,080				

4814.5. Murder Creek near Poplarville, Miss.

Location.--Lat 30°47', long 89°22', in SW¼NW¼ sec.14, T.3 S., R.14 W., St. Stephens meridian, at bridge on Old State Highway 26, 11 miles southeast of Poplarville.

Drainage area.--21.6 sq mi.

Gage.--Crest-stage gage. Datum of gage is 140.92 ft above mean sea level, datum of 1929, supplementary adjustment of 1941.

Stage-discharge relation.--Defined by current-meter measurements below 1,600 cfs and extended on basis of contracted-opening measurement at 6,800 cfs.

Historical data.--Flood of July 1916 reached a stage approximately 3½ ft higher than the flood of Dec. 4, 1953; in about 1836 and in about 1876 floods of about the same magnitude as the 1916 flood occurred, from information by local residents. A flood in 1948 reached a stage of 16.8 ft, from information by Mississippi Highway Department.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	May 19, 1952	12.43	880	1957	Sept.18, 1957	14.26	1,570
1953	Dec. 31, 1952	12.41	870	1958	May 19, 1958	12.36	850
1954	Dec. 4, 1953	15.44	2,030	1959	Feb. 4, 1959	12.98	1,090
1955	Apr. 12, 1955	13.87	1,420	1960	May 7, 1960	14.72	1,760
1956	Mar. 16, 1956	11.97	710	1961	June 20, 1961	16.50	2,850

4815. Wolf River near Lyman, Miss.

Location.--Lat 30°36', long 89°20', in SW¼ sec.19, T.5 S., R.13 W., St. Stephens meridian, at bridge on State Highway 53, half a mile upstream from Mill Creek, 2 miles downstream from Crane Creek, 4 miles upstream from Bell Creek, and 15 miles northwest of Lyman.

Drainage area.--253 sq mi.

Gage.--Nonrecording.

Stage-discharge relation.--Defined by current-meter measurements below 7,200 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1945	Nov. 27, 1944	19.0	11,000	1948	Mar. 6, 1948	20.3	13,800
1946	Mar. 16, 1946	21.73	17,400	1961	Feb. 19, 1961	20.7	14,800
1947	Mar. 13, 1947	22.1	18,500				

4818.1. Tallahaga Creek near Noxapater, Miss.

Location.--Lat 33°01', long 89°04', in NE¼ sec.4, T.13 N., R.12 E., Choctaw meridian, at bridge on State Highway 15, a quarter of a mile upstream from Gulf, Mobile and Ohio Railroad and 1½ miles north of Noxapater.

Drainage area.--53 sq mi.

Gage.--Crest-stage gage, assumed datum.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--92 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	-	(a)	-	1957	Apr. 4, 1957	93.00	2,500
1953	Apr. 30, 1953	93.92	4,450	1958	Apr. 30, 1958	91.11	1,440
1954	May 1, 1954	93.75	4,100	1959	Feb. 9, 1959	91.06	1,430
1955	May 29, 1955	92.40	1,960	1960	Mar. 3, 1960	93.17	2,900
1956	Apr. 4, 1956	93.88	4,400	1961	Feb. 18, 1961	93.59	3,700

a Less than 90 ft (bottom of gage).

4818.4. Noxapater Creek near Noxapater, Miss.

Location.--Lat 32°58', long 89°05', in SE¼ sec.20, T.13 N., R.12 E., Choctaw meridian, at bridge on State Highway 15, 1 mile upstream from Gulf, Mobile and Ohio Railroad and 2¼ miles south of Noxapater.

Drainage area.--33.1 sq mi.

Gage.--Crest-stage gage, assumed datum.

Stage-discharge relation.--Defined by current-meter measurements below 2,000 cfs and extended on basis of contracted-opening measurement at 4,100 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	Mar. 12, 1952	93.09	460	1957	Dec. 13, 1956	93.62	1,100
1953	Apr. 30, 1953	94.08	2,000	1958	Apr. 30, 1958	93.47	880
1954	May 1, 1954	93.54	960	1959	Feb. 9, 1959	93.59	1,050
1955	Feb. 21, 1955	93.73	1,280	1960	Mar. 3, 1960	94.35	2,850
1956	Apr. 6, 1956	93.66	1,150	1961	Feb. 21, 1961	94.62	4,100

4820. Pearl River at Edinburg, Miss.

Location.--Lat 32°47', long 89°20', in SW¼ sec.13, T.11 N., R.9 E., Choctaw meridian, at bridge on State Highway 16 in Edinburg, 1,100 ft downstream from Hooper Mill Creek, 3 miles upstream from Rice Creek, and 11¾ miles northeast of Carthage.

Drainage area.--898 sq mi.

Gage.--Nonrecording prior to Sept. 20, 1938; recording thereafter. At site 500 ft upstream at datum 0.12 ft higher prior to July 2, 1930. Datum of gage is 341.67 ft above mean sea level, datum of 1929, supplementary adjustment of 1941.

Stage-discharge relation.--Defined by current-meter measurements below 31,000 cfs. Shifts occur.

Bankfull stage.--20 ft.

Remarks.--Only annual peaks are shown prior to 1929. Base for partial-duration series, 5,000 cfs. Gage-height record prior to 1929 furnished by U.S. Weather Bureau.

Peak stages and discharges of Pearl River at Edinburg, Miss.

Water year	Date	Gage height (feet)	Discharge (cfs)
1902	Mar. 1, 1902	a29.0	-
1909	May 29, 1909	24.0	12,500
1910	Feb. 22, 1910	11.0	1,400
1911	Apr. 12, 1911	15.0	2,650
1912	Apr. 19, 1912	25.4	19,500
1913	Mar. 16, 1913	21.6	7,380
1914	Apr. 3, 1914	23.9	12,200
1915	May 15, 1915	20.0	5,600
1916	Jan. 3, 1916	23.0	9,800
1917	Mar. 7, 1917	22.8	9,400
1918	May 4, 1918	19.0	4,800
1919	Mar. 12, 1919	19.3	5,040
1920	Dec. 12, 1919	23.3	10,500
1921	Apr. 18, 1921	25.4	19,500
1922	Mar. 4, 1922	22.7	9,200
1923	Mar. 26, 1923	22.6	9,020
1924	Apr. 19, 1924	19.8	5,440
1925	Jan. 21, 1925	21.5	7,240
1926	Jan. 23, 1926	19.7	5,360
1927	Mar. 15, 1927	23.2	10,200
1928	Apr. 26, 1928	23.3	10,500
1929	Mar. 17, 1929	24.20	13,300
	Mar. 26, 1929	23.19	10,400
1930	Nov. 19, 1929	19.22	5,460
	May 22, 1930	24.9	16,100
1931	July 27, 1931	20.60	6,720
1932	Jan. 8, 1932	20.40	6,540
	Jan. 28, 1932	20.38	6,540
	Feb. 24, 1932	22.54	8,620
	Apr. 4, 1932	21.85	7,920
1933	Dec. 14, 1932	26.12	28,900
	Dec. 29, 1932	23.20	10,400
	Apr. 19, 1933	18.90	5,020
1934	Mar. 7, 1934	23.40	10,500
1935	Mar. 8, 1935	26.20	31,400
	Apr. 13, 1935	22.00	8,200
	May 10, 1935	20.50	6,410
1936	Feb. 7, 1936	25.35	19,700
1937	Jan. 24, 1937	22.91	9,800
	May 6, 1937	20.14	6,020
1938	Mar. 26, 1938	23.69	11,400
	Apr. 10, 1938	24.64	15,300
1939	Feb. 8, 1939	21.99	7,490
	Feb. 18, 1939	21.36	6,740
	Mar. 4, 1939	21.83	7,220
1940	July 13, 1940	23.72	11,400
1941	Dec. 21, 1940	19.72	5,010
1942	Feb. 26, 1942	14.87	2,490
1943	Mar. 24, 1943	23.29	10,100
1944	Feb. 29, 1944	23.07	10,000
	Mar. 30, 1944	25.90	23,300
	Apr. 29, 1944	22.22	8,020
1945	Feb. 23, 1945	25.35	19,900
	Mar. 29, 1945	19.44	5,120
1946	Jan. 17, 1946	19.52	5,200
	Feb. 12, 1946	25.44	19,900
	Mar. 20, 1946	21.47	7,070
1947	Jan. 8, 1947	22.96	8,490
	Jan. 22, 1947	23.88	10,500
	Apr. 16, 1947	21.86	6,870
1948	Feb. 13, 1948	23.37	9,270
	Mar. 8, 1948	23.26	9,060
1949	Dec. 1, 1948	26.05	21,400
	Jan. 7, 1949	25.9	20,600
	Jan. 24, 1949	23.63	9,720
	Apr. 2, 1949	22.80	8,150
	May 5, 1949	22.33	7,390
1950	Jan. 9, 1950	26.09	22,300
	Feb. 16, 1950	26.30	24,100
1951	Feb. 7, 1951	21.60	6,980
	Mar. 31, 1951	25.92	22,400
1952	Mar. 18, 1952	14.91	2,530
1953	Feb. 26, 1953	22.92	7,830
	May 4, 1953	23.51	9,000
1954	Jan. 27, 1954	15.90	2,830
1955	Apr. 16, 1955	23.40	8,750
1956	Feb. 8, 1956	24.32	11,700
	Feb. 22, 1956	20.31	5,270
	Mar. 19, 1956	23.80	10,200
	Apr. 9, 1956	25.06	14,700
1957	Apr. 7, 1957	23.83	9,550
1958	May 5, 1958	24.58	11,600
1959	Feb. 15, 1959	21.08	5,800
1960	Feb. 4, 1960	21.49	6,630
	Mar. 6, 1960	24.6	12,600
1961	Feb. 24, 1961	26.41	27,800
	Mar. 23, 1961	20.00	5,180
	Apr. 3, 1961	23.80	10,200
	July 17, 1961	21.24	6,360

a Maximum stage known, from reports of U.S. Weather Bureau.

4825. Lobutcha Creek near Carthage, Miss.

Location.--Lat 32°46', long 89°28', in NE¼ sec.34, T.11 N., R.8 E., Choctaw meridian, at bridge on State Highway 16, 3 miles upstream from mouth and 5 miles northeast of Carthage.

Drainage area.--313 sq mi, at present site; 309 sq mi at sites used prior to July 1, 1947.

Gage.--Nonrecording, and since Oct. 21, 1953, crest-stage gage. Datum of gage is 334.98 ft above mean sea level, datum of 1929. Prior to Oct. 1, 1943, at Scotts Crossing bridge 4½ miles upstream, at datum 12.37 ft higher, and Oct. 1, 1943, to June 30, 1947, at site 5 miles upstream, at datum 13.02 ft higher.

Stage-discharge relation.--Defined by current-meter measurements. Occasional backwater from Pearl River.

Bankfull stage.--11 ft at latter site.

Remarks.--Base for partial-duration series, 2,000 cfs. Gage heights and occasional discharge measurements July 1937 to June 1948 furnished by Corps of Engineers.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	Nov. 14, 1937	15.2	2,230	1949	Apr. 1, 1949	14.21	2,940
	Mar. 23, 1938	16.4	4,620		May 2, 1949	15.47	4,630
	Apr. 8, 1938	16.2	3,945		June 3, 1949	13.75	2,590
1939	Feb. 5, 1939	16.4	4,620	1950	Jan. 8, 1950	16.08	5,900
	Feb. 16, 1939	15.0	2,100		Feb. 14, 1950	17.09	9,800
	Mar. 2, 1939	15.1	2,160	1951	Jan. 8, 1951	13.34	2,200
1940	July 11, 1940	16.0	3,450		Feb. 3, 1951	15.93	5,400
					Mar. 29, 1951	18.00	19,100
1941	Dec. 19, 1940	14.9	2,050		Apr. 23, 1951	13.24	2,130
1942	Dec. 24, 1941	13.9	1,630	1952	Mar. 12, 1952	11.16	1,300
1943	Mar. 22, 1943	14.9	2,050	1953	Feb. 22, 1953	14.17	2,940
					Feb. 26, 1953	14.13	2,850
1944	Feb. 27, 1944	16.5	4,830		May 5, 1953	16.31	7,880
	Mar. 21, 1944	16.3	4,370		May 19, 1953	13.40	2,310
	Mar. 29, 1944	18.0	13,500	1954	May 6, 1954	14.83	3,660
1945	Feb. 14, 1945	14.7	2,090				
	Feb. 22, 1945	17.9	12,300	1955	Apr. 14, 1955	16.43	8,320
	Mar. 19, 1945	14.8	2,180				
	Apr. 3, 1945	15.3	2,750	1956	Feb. 5, 1956	15.73	5,660
					Feb. 17, 1956	13.09	2,130
1946	Jan. 10, 1946	15.80	3,470		Feb. 22, 1956	13.55	2,450
	Feb. 10, 1946	17.58	9,400		Mar. 16, 1956	15.57	5,360
	Mar. 19, 1946	15.84	3,470		Apr. 7, 1956	15.99	6,680
	Mar. 30, 1946	15.42	2,880	1957	Dec. 25, 1956	13.27	2,250
1947	Jan. 8, 1947	15.36	2,880		Apr. 5, 1957	15.36	4,820
	Jan. 20, 1947	16.52	4,830				
	Apr. 14, 1947	15.34	2,750	1958	Nov. 22, 1957	13.60	2,450
					May 2, 1958	16.21	7,460
1948	Feb. 11, 1948	15.15	4,150				
	Mar. 7, 1948	14.92	3,730	1959	Oct. 3, 1958	12.67	2,120
	Apr. 16, 1948	13.75	2,590		Feb. 10, 1959	13.55	2,730
					Apr. 22, 1959	14.59	3,600
1949	Nov. 20, 1948	14.15	2,940				
	Nov. 29, 1948	16.83	8,340	1960	Feb. 2, 1960	14.00	3,050
	Jan. 6, 1949	17.32	11,000		Mar. 4, 1960	16.06	6,640
	Jan. 23, 1949	15.51	4,630				
	Feb. 17, 1949	13.26	2,210	1961	Feb. 22, 1961	16.03	6,290

4830. Tuscolameta Creek at Walnut Grove, Miss.

Location.--Lat 32°25', long 89°28', in NE¼ sec.34, T.9 N., R.8 E., Choctaw meridian, at bridge on State Highway 35 over north drainage canal, 0.4 mile southwest of Walnut Grove, 0.8 mile upstream from Gulf, Mobile and Ohio Railroad bridge, 7½ miles upstream from confluence of north and south drainage canals, and 15½ miles upstream from mouth.

Drainage area.--411 sq mi (combined drainage area for all channels).

Gage.--(North Canal): Nonrecording prior to June 18, 1939; recording thereafter. At site 0.2 mile upstream prior to July 14, 1953. Datum of all gages is 332.70 ft above mean sea level, datum of 1929, supplementary adjustment of 1941 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--Prior to canalization, creek reached a stage of 24.5 ft, from floodmark, sometime between 1920 and 1925. Flood of Apr. 8, 1938, reached a stage of 19.3 ft (discharge, 23,000 cfs), from information by Corps of Engineers. The flood of April 1900, greatest known since at least 1873, reached a stage 1 ft higher than that of January 1950 at Tuscola (5 miles downstream) and the flood of March 1902 was 1½ ft lower than the 1900 flood at that site, from information by local residents.

Remarks.--Base for partial-duration series, 4,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1939	Feb. 8, 1939	15.57	4,500	1950	Feb. 15, 1950	19.80	18,500
	Feb. 28, 1939	15.57	4,000		Mar. 15, 1950	16.47	5,210
	Apr. 1, 1939	17.02	7,300		May 4, 1950	16.82	5,800
1940	May 2, 1940	17.47	9,550	1951	Mar. 30, 1951	18.99	14,800
	July 10, 1940	17.72	9,300				
				1952	Mar. 11, 1952	11.41	2,290
1941	Mar. 9, 1941	15.38	3,780				
				1953	Feb. 23, 1953	16.19	5,080
1942	Mar. 23, 1942	15.01	3,400		Mar. 15, 1953	15.66	4,420
					May 1, 1953	17.33	8,220
1943	Mar. 22, 1943	18.15	14,000				
				1954	Apr. 18, 1954	14.86	4,040
1944	Mar. 30, 1944	18.01	12,900				
	Apr. 21, 1944	15.98	4,500	1955	Feb. 9, 1955	15.72	5,200
	Apr. 28, 1944	17.06	7,550		Feb. 23, 1955	15.73	5,350
					Apr. 14, 1955	17.50	12,100
1945	Feb. 15, 1945	16.18	5,120				
	Feb. 23, 1945	17.20	8,420	1956	Feb. 5, 1956	18.41	15,600
	Mar. 18, 1945	16.70	6,520		Feb. 18, 1956	14.93	4,100
	Mar. 28, 1945	15.55	4,090		Mar. 17, 1956	18.58	16,500
					Apr. 7, 1956	18.30	15,200
1946	Feb. 11, 1946	18.52	16,400				
	Mar. 18, 1946	16.68	6,520	1957	Apr. 5, 1957	17.40	11,200
	May 21, 1946	17.42	9,350				
				1958	Nov. 16, 1957	15.32	4,370
1947	Jan. 4, 1947	16.43	5,760		May 1, 1958	16.69	8,400
	Jan. 21, 1947	17.58	10,400		May 5, 1958	15.22	4,110
	Mar. 16, 1947	15.98	4,700		June 22, 1958	15.62	4,800
	Apr. 14, 1947	16.92	7,220				
				1959	Jan. 22, 1959	13.00	2,850
1948	Feb. 11, 1948	15.56	4,000				
	Mar. 4, 1948	17.03	7,800	1960	Mar. 4, 1960	16.42	7,200
					May 9, 1960	15.20	4,110
1949	Nov. 29, 1948	19.74	18,000				
	Jan. 5, 1949	18.58	12,700	1961	Feb. 22, 1961	19.78	23,900
	Jan. 24, 1949	16.05	4,460		Mar. 19, 1961	16.50	7,600
	Mar. 24, 1949	16.08	4,590		Apr. 1, 1961	17.85	13,200
	Apr. 1, 1949	16.28	5,040		July 14, 1961	15.30	4,240
1950	Jan. 7, 1950	23.00	34,600				

4835. Pearl River near Lena, Miss.

Location.--Lat 32°40', long 89°38', in SW¼ sec.36, T.10 N., R.6 E., Choctaw meridian, at bridge three-quarters of a mile downstream from Tuscalometa Creek, 3¾ miles upstream from Yockanookany River, 6 miles north of Lena, and 8 miles southwest of Carthage.

Drainage area.--1,995 sq mi.

Gage.--Nonrecording. Datum of gage is 299.50 ft above mean sea level, datum of 1929 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--16 ft.

Remarks.--Base for partial-duration series, 10,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1902	-	a30.4	-	1946	May 23, 1946	22.0	13,400
1937	Jan. 25, 1937	-	b17,000	1947	Jan. 10, 1947	23.5	16,200
					Jan. 22, 1947	25.3	22,300
1938	Mar. 26, 1938	23.8	17,200		Apr. 16, 1947	22.7	14,700
	Apr. 9, 1938	27.2	31,700				
				1948	Feb. 15, 1948	23.7	16,800
1939	Feb. 9, 1939	22.6	14,700		Mar. 8, 1948	24.9	20,600
	Mar. 1, 1939	21.5	12,600				
				1949	Nov. 30, 1948	27.6	36,900
1940	May 4, 1940	22.2	13,900		Jan. 7, 1949	27.5	36,000
	July 12, 1940	26.2	24,700		Jan. 25, 1949	24.3	18,600
					Feb. 11, 1949	21.0	11,900
1941	Dec. 20, 1940	19.0	8,900		Feb. 19, 1949	21.2	12,200
					Apr. 1, 1949	23.8	17,100
1942	Mar. 24, 1942	15.8	5,500		May 4, 1949	23.0	15,200
1943	Mar. 24, 1943	24.0	17,600	1950	Jan. 8, 1950	28.56	46,500
					Feb. 16, 1950	27.98	40,500
1944	Feb. 29, 1944	23.7	17,100		Mar. 17, 1950	20.73	11,500
	Mar. 23, 1944	21.6	12,100		May 5, 1950	20.40	11,100
	Mar. 31, 1944	28.28	43,700				
	Apr. 29, 1944	22.8	14,600	1951	Feb. 8, 1951	22.71	14,700
					Mar. 31, 1951	28.10	41,500
1945	Feb. 24, 1945	27.3	35,200				
	Apr. 4, 1945	21.0	11,200	1952	Mar. 14, 1952	14.40	4,990
1946	Feb. 14, 1946	27.8	38,700	1953	Feb. 26, 1953	23.50	16,200
	Mar. 20, 1946	22.0	13,400		May 7, 1953	24.78	20,200

a From information by Corps of Engineers.
b Estimated.

4840. Yockanookany River near Kosciusko, Miss.

Location.--Lat 33°02', long 89°35', in NE¼NE¼ sec.33, T.14 N., R.7 E., Choctaw meridian, at bridge on State Highway 35, 2 miles south of Kosciusko.

Drainage area.--314 sq mi.

Gage.--Nonrecording prior to Mar. 28, 1939; recording thereafter. Datum of gage is 374.34 ft above mean sea level, datum of 1929, supplementary adjustment of 1941.

Stage-discharge relation.--Defined by current-meter measurements. Shifts in relation occur.

Bankfull stage.--10 ft.

Remarks.--Channel has been canalized. Base for partial-duration series, 3,000 cfs.

Peak stages and discharges of Yockanookany River near Kosciusko, Miss.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1933	December 1932	a17.0	13,500	1949	Feb. 10, 1949	12.79	3,100
					May 4, 1949	13.70	4,290
1938	Mar. 24, 1938	a13.6	4,100		June 2, 1949	13.50	3,960
	Apr. 10, 1938	a13.8	4,500				
				1950	Jan. 8, 1950	17.08	13,600
1939	Feb. 6, 1939	12.46	2,900		Feb. 15, 1950	15.53	8,400
					Mar. 15, 1950	13.72	4,290
1940	Feb. 8, 1940	13.86	4,900		Sept.30, 1950	14.31	5,500
	Mar. 16, 1940	12.92	3,300				
	Apr. 19, 1940	12.72	3,100	1951	Jan. 4, 1951	14.44	5,720
	July 11, 1940	12.86	3,300		Feb. 4, 1951	15.34	7,870
					Mar. 29, 1951	18.72	19,300
1941	July 17, 1941	12.62	3,000				
				1952	Dec. 22, 1951	13.25	3,020
1942	Feb. 19, 1942	12.02	2,400				
				1953	Jan. 10, 1953	13.30	3,090
1943	Dec. 28, 1942	12.78	3,200		Feb. 24, 1953	13.80	4,000
					May 2, 1953	14.04	4,750
1944	Feb. 26, 1944	15.21	8,330		May 7, 1953	14.53	6,250
	Mar. 21, 1944	14.29	5,750				
	Mar. 30, 1944	15.51	9,500	1954	May 5, 1954	14.73	6,850
	May 6, 1944	15.55	9,710				
				1955	Mar. 22, 1955	13.30	3,090
1945	Feb. 15, 1945	13.32	3,680		Apr. 13, 1955	14.56	6,250
	Feb. 22, 1945	15.65	10,200				
	Mar. 7, 1945	12.90	3,060	1956	Feb. 6, 1956	14.35	5,000
					Feb. 20, 1956	13.65	3,220
1946	Jan. 11, 1946	13.64	4,280		Mar. 16, 1956	14.50	5,430
	Feb. 11, 1946	16.21	11,600		Apr. 6, 1956	14.05	4,160
	Mar. 16, 1946	13.28	3,670				
				1957	Dec. 16, 1956	13.58	3,120
1947	Jan. 5, 1947	13.96	4,850		Feb. 3, 1957	13.98	4,020
	Jan. 21, 1947	13.97	4,850				
	Apr. 14, 1947	13.22	3,510	1958	Nov. 16, 1957	15.04	6,880
	June 5, 1947	13.46	3,920		May 2, 1958	14.32	4,780
1948	Feb. 11, 1948	14.24	5,480	1959	Feb. 10, 1959	13.35	3,000
	Mar. 6, 1948	13.09	3,350		Apr. 22, 1959	14.20	4,540
	Apr. 14, 1948	13.28	3,670				
				1960	Mar. 5, 1960	14.80	6,130
1949	Dec. 1, 1948	13.58	4,120				
	Dec. 19, 1948	14.32	5,500	1961	Feb. 23, 1961	14.48	5,240
	Jan. 5, 1949	16.64	11,600		Apr. 1, 1961	13.80	3,690
	Jan. 24, 1949	14.12	5,070				

a From information by Corps of Engineers.

4845. Yockanookany River near Ofahoma, Miss.
(Published as Yokahockany River prior to 1948)

Location.--Lat 32°42', long 89°40', in NE¼NW¼ sec.22, T.10 N., R.6 E., Choctaw meridian, at bridge on State Highway 16, 1½ miles southeast of Ofahoma, 3 miles upstream from mouth, and 8½ miles southwest of Carthage.

Drainage area.--484 sq mi.

Gage.--Nonrecording and, since Oct. 21, 1953, crest-stage gage. At site 1,300 ft upstream at datum 0.72 ft higher prior to Dec. 19, 1941. Datum of gage is 311.15 ft above mean sea level, datum of 1929 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--14 ft.

Remarks.--Base for partial-duration series, 2,700 cfs. Corps of Engineers furnished gage heights and occasional discharge measurements November 1937 to June 1938 and January 1939 to September 1943.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	Mar. 24, 1938	16.5	5,500	1940	Mar. 18, 1940	14.5	3,150
	Apr. 12, 1938	16.4	5,320		July 7, 1940	16.0	4,640
1939	Feb. 3, 1939	16.3	5,140	1941	Dec. 18, 1940	13.9	2,690
	Mar. 1, 1939	14.8	3,390				
				1942	Feb. 21, 1942	14.0	2,440
1940	Feb. 10, 1940	17.0	6,580				

Peak stages and discharges of Yockanookany River near Ofahoma, Miss.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1943	Dec. 28, 1942	14.6	2,900	1951	Oct. 2, 1950	16.65	5,530
					Jan. 8, 1951	15.85	4,310
1944	Feb. 28, 1944	18.2	10,700		Feb. 7, 1951	17.85	8,020
	Mar. 23, 1944	16.9	6,150		Mar. 31, 1951	20.28	20,700
	Mar. 31, 1944	18.2	10,700				
	May 8, 1944	17.4	7,420	1952	Feb. 4, 1952	12.17	1,590
1945	Feb. 22, 1945	17.98	8,900	1953	Feb. 26, 1953	16.91	6,100
	Mar. 9, 1945	14.33	2,850		May 5, 1953	18.03	8,920
	Mar. 26, 1945	14.54	3,000		May 20, 1953	14.72	3,110
1946	Jan. 13, 1946	16.39	5,200	1954	May 7, 1954	16.85	5,900
	Feb. 13, 1946	18.41	10,500				
	Mar. 19, 1946	15.15	3,640	1955	Apr. 15, 1955	17.00	6,320
	May 20, 1946	15.06	3,540				
	June 2, 1946	14.02	2,720	1956	Feb. 9, 1956	16.63	5,520
					Feb. 23, 1956	15.60	4,060
1947	Jan. 8, 1947	17.20	6,640		Mar. 17, 1956	17.07	6,540
	Jan. 20, 1947	17.02	6,250		Apr. 11, 1956	16.52	5,340
	Apr. 16, 1947	15.96	4,590				
				1957	Dec. 19, 1956	14.36	2,850
1948	Feb. 15, 1948	17.40	7,100		Feb. 6, 1957	16.1	4,700
	Mar. 7, 1948	16.8	5,880		Apr. 5, 1957	15.57	4,060
	Apr. 15, 1948	16.6	5,530				
				1958	Nov. 19, 1957	17.3	7,000
1949	Nov. 29, 1948	17.05	5,260		May 3, 1958	18.07	9,220
	Dec. 21, 1948	16.6	4,500				
	Jan. 7, 1949	18.80	10,600	1959	Feb. 15, 1959	15.10	3,500
	Jan. 23, 1949	17.05	5,260		Apr. 25, 1959	16.65	5,520
	Feb. 16, 1949	15.5	3,450				
	Mar. 28, 1949	15.5	3,450	1960	Feb. 5, 1960	16.39	5,140
	May 2, 1949	17.8	7,600		Feb. 24, 1960	14.13	2,710
	June 17, 1949	15.0	3,080		Mar. 7, 1960	17.03	6,320
1950	Jan. 10, 1950	19.19	12,100	1961	Feb. 23, 1961	17.21	6,780
	Feb. 17, 1950	18.2	9,120		Mar. 19, 1961	15.62	4,080
	Mar. 18, 1950	16.25	4,890		Apr. 3, 1961	15.85	4,360

4850. Pearl River at Meeks Bridge, near Canton, Miss.

Location.--Lat 32°30'50", long 89°56'25", in NE¼ sec.25, T.8 N., R.3 E., Choctaw meridian, at Meeks Bridge on State Highway 43, 3½ miles northwest of Goshen Springs, 9 miles southeast of Canton, and 10 miles downstream from Fannegusha Creek.

Drainage area.--2,780 sq mi, approximately.

Gage.--Nonrecording prior to Sept. 15, 1939; recording thereafter. Datum of gage is 270.53 ft above mean sea level, datum of 1929, supplementary adjustment of 1941 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--19 ft.

Remarks.--Base for partial-duration series, 10,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1933	December 1932	26.4	60,000	1941	Mar. 12, 1941	16.78	10,500
1938	Apr. 12, 1938	a24.5	35,200	1942	Mar. 15, 1942	13.6	7,200
1939	Feb.11,18,1939	20.9	15,800	1943	Mar. 28, 1943	21.37	19,000
	Mar. 3-6,1939	20.6	15,300				
	Apr. 4, 1939	17.4	11,100	1944	Mar. 3, 1944	21.72	19,900
					Apr. 2, 1944	25.78	54,700
1940	Feb. 14, 1940	16.98	10,700		May 1, 1944	20.63	17,100
	May 6, 1940	19.26	13,400				
	July 16, 1940	23.73	26,500	1945	Feb. 27, 1945	24.86	42,300
					Apr. 5, 1945	19.51	14,600
1941	Dec. 21, 1940	17.91	11,700				

a Furnished by Corps of Engineers.

Peak stages and discharges of Pearl River at Meeks Bridge, near Canton, Miss.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1946	Jan. 20, 1946	19.23	14,400	1953	Mar. 1, 1953	21.86	21,100
	Feb. 15, 1946	26.20	56,200		Mar. 17, 1953	17.82	11,800
	Mar. 22, 1946	20.16	16,600		May 8, 1953	23.45	27,500
	May 25, 1946	19.93	15,900		May 22, 1953	18.51	13,000
1947	Jan. 25, 1947	23.04	25,500	1954	May 9, 1954	16.57	9,920
	Mar. 18, 1947	16.66	10,200				
	Apr. 18, 1947	21.32	19,500	1955	Feb. 27, 1955	18.19	12,700
					Apr. 18, 1955	23.56	28,600
1948	Feb. 17, 1948	22.08	22,000				
	Mar. 10, 1948	22.98	25,500	1956	Feb. 11, 1956	22.63	23,800
	Apr. 19, 1948	18.02	12,700		Mar. 21, 1956	23.45	27,500
					Apr. 11, 1956	23.66	29,200
1949	Dec. 3, 1948	24.96	40,000				
	Dec. 24, 1948	17.13	10,400	1957	Apr. 9, 1957	22.47	23,400
	Jan. 10, 1949	25.20	42,200				
	Feb. 21, 1949	20.06	16,200	1958	Nov. 22, 1957	19.50	14,400
	Apr. 2, 1949	22.32	22,600		Mar. 14, 1958	17.38	11,800
	May 6, 1949	21.20	19,000		May 6, 1958	25.00	39,400
1950	Jan. 12, 1950	25.72	48,600	1959	Feb. 18, 1959	18.80	13,500
	Feb. 18, 1950	25.65	47,200		Apr. 25, 1959	15.83	10,100
	Mar. 19, 1950	19.44	14,700				
	May 7, 1950	18.28	12,500	1960	Feb. 8, 1960	20.34	16,600
					Mar. 9, 1960	22.34	22,400
1951	Jan. 10, 1951	17.14	10,700				
	Feb. 10, 1951	22.00	21,400	1961	Feb. 26, 1961	b25.75	49,000
	Apr. 2, 1951	26.30	57,800		Mar. 22, 1961	20.64	16,800
					Apr. 5, 1961	22.46	21,600
1952	Mar. 14, 1952	12.62	6,220		July 19, 1961	16.29	10,200

b 26.08 ft from outside gage.

4855. Pelahatchie Creek near Fannin, Miss.

Location.--Lat 32°23'18", long 89°58'05", in SW¼SW¼ sec.2, T.6 N., R.3 E., Choctaw meridian, 200 ft downstream from bridge on State Highway 471, 2.2 miles downstream from Clark Creek, 2.2 miles south of Fannin, and 7.5 miles upstream from mouth.

Drainage area.--205 sq mi.

Gage.--Nonrecording prior to July 6, 1951; recording July 6, 1951, to Dec. 13, 1960. Crest-stage gage thereafter. Datum of gage is 279.31 ft above mean sea level, datum of 1929 (Corps of Engineers bench mark).

Stage-discharge relation.--Defined by current-meter measurements below 9,500 cfs. Shifts occur occasionally.

Bankfull stage.--19 ft.

Remarks.--Base for partial-duration series, 2,500 cfs, intermittent gage heights December 1937 to March 1939, furnished by Corps of Engineers.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	Apr. 8, 1938	21.0	9,700	1953	May 20, 1953	18.95	3,510
1939	Feb. 28, 1939	19.5	4,900	1954	Mar. 30, 1954	17.22	2,200
1950	January 1950	a23.7	b27,000	1955	Feb. 23, 1955	20.70	7,430
1951	Feb. 2, 1951	19.3	4,300		Apr. 13, 1955	22.08	13,500
	Feb. 9, 1951	18.5	2,870	1956	Feb. 4, 1956	21.55	10,800
	Mar. 30, 1951	20.68	8,500		Mar. 16, 1956	20.80	7,810
	Apr. 23, 1951	19.35	4,450		Apr. 6, 1956	21.24	9,600
1952	Mar. 12, 1952	13.46	1,240	1957	Apr. 5, 1957	22.02	12,800
1953	Feb. 22, 1953	18.67	3,040	1958	Nov. 20, 1957	19.70	4,440
	Apr. 30, 1953	20.54	7,900		May 1, 1958	20.30	5,860
	May 6, 1953	19.35	4,450		May 6, 1958	18.29	2,580

a From information by local residents who stated that this was the highest flood since at least 1880.
b Estimated from conveyance studies.

Peak stages and discharges of Pelahatchie Creek near Fannin, Miss.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1958	June 18, 1958	18.43	2,640	1960	Feb. 5, 1960	19.32	3,700
	July 10, 1958	18.64	2,790		Mar. 3, 1960	20.55	6,620
1959	Oct. 2, 1958	19.48	4,050		May 8, 1960	18.38	2,640
1960	Dec. 19, 1959	18.33	2,580	1961	Feb. 23, 1961	21.39	9,800

4856.5. Purple Creek near Jackson, Miss.

Location.--Lat 32°23', long 90°07', in NW¼ sec.8, T.6 N., R.2 E., Choctaw meridian, at Colonial County Club, 1½ miles upstream from mouth.

Drainage area.--5.85 sq mi.

Gage.--Crest-stage gage, assumed datum.

Stage-discharge relation.--Defined by current-meter measurements below 280 cfs and extended to 2,890 cfs on basis of slope-area measurements.

Remarks.--Channel canalized prior to establishment of gage. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	May 24, 1952	93.35	574	1957	Apr. 4, 1957	96.70	1,490
1953	Apr. 29, 1953	99.92	2,890	1958	May 4, 1958	96.76	1,510
1954	May 1, 1954	94.05	732	1959	Jan. 15, 1959	96.80	1,530
1955	Apr. 12, 1955	97.01	1,610	1960	May 6, 1960	97.7	1,890
1956	Feb. 3, 1956	91.5	261	1961	July 12, 1961	94.07	737

4856.9. Hanging Moss Creek tributary near Tougaloo, Miss.

Location.--Lat 32°22'52", long 90°09'39", in NE¼ sec.11, T.6 N., R.1 E., Choctaw meridian, at downstream side of bridge of on Old U.S. Highway 51, 1 mile upstream from mouth and 1.3 miles southwest of Tougaloo.

Drainage area.--3.45 sq mi.

Gage.--Crest-stage gage, assumed datum.

Stage-discharge relation.--Defined by current-meter measurements below 1,500 cfs and extended on basis of a contracted-opening plus flow-over-road measurement at 1,860 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	May 24, 1952	96.17	490	1957	Apr. 4, 1957	96.21	495
1953	Apr. 29, 1953	98.55	1,860	1958	Nov. 13, 1957	95.50	415
1954	May 1, 1954	97.36	763	1959	Jan. 15, 1959	96.39	520
1955	Apr. 22, 1955	97.78	1,020	1960	May 6, 1960	96.39	520
1956	Feb. 3, 1956	92.38	149	1961	May 2, 1961	a96.42	513

a At upstream side of bridge. Downstream stage estimated to be 0.08 ft lower.

4857. Hanging Moss Creek near Jackson, Miss.

Location.--Lat 32°22'00", long 90°09'00", in NE¼ sec.13, T.6 N., R.1 E., Choctaw meridian, at bridge on new U.S. Highway 51, 1 mile upstream from Whiteoak Creek and 2 miles upstream from mouth.

Drainage area.--16.0 sq mi.

Gage.--Crest-stage gage. Datum of gage is 187.60 ft above mean sea level, datum of 1929, supplementary adjustment of 1941.

Stage-discharge relation.--Defined by current-meter measurements below 1,500 cfs.

Remarks.--Channel canalized 500 ft above and below gage. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1953	Apr. 29, 1953	99.6	a5,320	1958	Nov. 13, 1957	97.67	a2,670
1954	May 1, 1954	96.28	a1,530	1959	Jan. 15, 1959	97.46	2,400
1955	Apr. 12, 1955	97.87	a2,890	1960	May 5, 1960	97.87	2,900
1956	Feb. 3, 1956	95.96	a1,370	1961	June 20, 1961	95.20	1,600
1957	Apr. 4, 1957	97.04	a2,060				

a Revised; supersedes figure published in WSP 1554.

4858. Eubanks Creek at Jackson, Miss.

Location.--Lat 32°20'25", long 90°09'55", in NE¼NW¼NE¼ sec.26, T.6 N., R.1 E., Choctaw meridian, at bridge on Wood Dale Drive in Jackson, 100 ft downstream from Crane Creek, 1,600 ft upstream from U.S. Highway 51, and 1.3 miles upstream from mouth.

Drainage area.--4.0 sq mi at Wood Dale Drive; 5.95 sq mi at U.S. Highway 51 (prior to construction of Lake Hico in 1958).

Gage.--Crest-stage gage prior to July 15, 1954; recording thereafter. At site 1,600 ft downstream at datum 0.74 ft lower prior to Sept. 1, 1959. Datum of gage is 262.02 ft above mean sea level, datum of 1929, supplementary adjustment of 1941.

Bankfull stage.--9 ft at U.S. Highway 51.

Remarks.--Only annual peaks are shown. A closed reservoir (Lake Hico) was constructed on the headwaters of this creek during 1958.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1953	Apr. 29, 1953	12.2	3,100	1958	May 8, 1958	b11.56	-
1954	May 1, 1954	10.25	3,050		Aug. 17, 1958	9.83	-
1955	Apr. 12, 1955	9.02	2,410	1959	July 2, 1959	8.81	3,200
				1960	May 6, 1960	12.63	2,160
1956	Mar. 13, 1956	6.15	950				
1957	Apr. 3, 1957	9.80	3,220	1961	July 12, 1961	13.26	2,540
1958	May 4, 1958	a10.68	-				

a Affected by backwater from Pearl River.
b Backwater; peak stage of Pearl River.

4860. Pearl River at Jackson, Miss.

Location.--Lat 32°17'20", long 90°10'45", in SW¼ sec.10, T.5 N., R.1 E., Choctaw meridian, at Woodrow Wilson Bridge at eastern city limits of Jackson, 0.2 mile upstream from Illinois Central Railroad bridge, a quarter of a mile upstream from Town Creek, and 4½ miles upstream from Richland Creek.

Drainage area.--3,100 sq mi, approximately.

Gage.--Nonrecording prior to Sept. 15, 1934; recording thereafter. Datum of gage is 234.90 ft above mean sea level, datum of 1929, supplementary adjustment of 1941 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 57,000 cfs and extended above by logarithmic plotting.

Bankfull stage.--18 ft.

Historical data.--The flood of Apr. 1, 1902, is the highest flood known, from information by local residents and according to newspaper records. The flood of April 1900 was the highest flood known at the time it occurred, from newspaper records.

Remarks.--Only annual peaks are shown. Gage-height record for the period 1913-28 furnished by U.S. Weather Bureau.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1881	Dec. 5, 1880	a36	-	1931	Aug. 5, 1931	26.4	15,100
				1932	Feb. 28, 1932	29.1	21,300
1900	Apr. 19, 1900	a36.0	-	1933	Dec. 19, 1932	35.2	60,000
				1934	Mar.12,13, 1934	28.00	18,600
1902	Apr. 1, 1902	37.2	80,800	1935	Mar. 12, 1935	35.18	56,700
1903	Feb. 14, 1903	33.7	43,600				
1904	Apr. 11, 1904	11.1	5,295	1936	Feb. 12, 1936	37.46	34,400
1905	Feb. 17, 1905	29.2	24,880	1937	Jan. 29, 1937	30.00	22,800
				1938	Apr. 9, 1938	37.07	32,100
1906	Mar. 29, 1906	29.8	26,000	1939	Feb. 15, 1939	28.93	19,200
1907	Oct. 13, 1906	30.1	26,600	1940	July 18, 1940	31.94	30,100
1908	Feb. 23, 1908	29.8	26,000				
1909	May 30, 1909	35.3	58,300	1941	Dec. 29, 1940	25.17	12,700
1910	Apr. 20, 1910	16.4	9,020	1942	Mar. 17, 1942	19.41	7,720
				1943	Mar. 30, 1943	28.42	19,200
1911	Apr. 16, 1911	22.6	14,600	1944	Apr. 4, 1944	34.03	46,700
1912	Apr. 23, 1912	31.7	29,600	1945	Mar. 1, 1945	37.58	36,900
1913	Mar. 18, 1913	29.0	24,600				
1914	Apr. 9, 1914	31.1	29,900	1946	Feb. 17, 1946	34.44	49,600
1915	Feb. 9, 1915	26.7	20,200	1947	Jan. 22, 1947	30.66	26,000
				1948	Mar. 11, 1948	30.63	25,600
1916	Jan. 9, 1916	26.7	20,200	1949	Jan. 12, 1949	37.11	38,300
1917	Apr. 11, 1917	26.5	19,800	1950	Jan. 14, 1950	37.90	44,700
1918	May 4, 1918	22.9	15,300				
1919	Mar. 19, 1919	27.6	21,800	1951	Apr. 4, 1951	34.36	49,100
1920	Dec. 17, 1919	30.5	28,100	1952	Mar. 16, 1952	17.51	6,600
				1953	May 9, 1953	31.65	28,500
1921	Apr. 21, 1921	32.9	37,800	1954	May 12, 1954	27.25	10,600
1922	Mar. 11, 1922	28.8	24,200	1955	Apr. 20, 1955	31.50	27,500
1923	Feb. 16, 1923	30.7	28,700				
1924	Mar. 8, 1924	26.8	20,400	1956	Apr. 14, 1956	31.78	29,300
1925	Jan. 25, 1925	28.8	24,200	1957	Apr. 11, 1957	30.32	22,100
				1958	May 8, 1958	34.23	38,900
1926	Mar. 17, 1926	27.0	20,700	1959	Feb. 20, 1959	28.52	13,600
1927	Feb. 24, 1927	30.0	26,800	1960	Mar. 11, 1960	30.29	22,600
1928	Apr. 30, 1928	29.8	26,300				
1929	Mar. 24, 1929	32.3	30,600	1961	Mar. 1, 1961	35.00	46,000
1930	May 28, 1930	31.9	29,400				

a From information by local resident.

4860.5. Town Creek at Jackson, Miss.

Location.--Lat 32°18'10", long 90°11'35", in NW¼SW¼ sec.3, T.5 N., R.1 E., Choctaw meridian, at bridge on Gallatin Street in Jackson, 300 ft upstream from Illinois Central Railroad and 2.5 miles upstream from mouth.

Drainage area.--11.3 sq mi.

Gage.--Recording. Datum of gage is 262.72 ft above mean sea level, datum of 1929, supplementary adjustment of 1941.

Historical data.--The greatest flood known occurred in 1921, from newspaper records which stated that chairs floated from the lobby of the Royal Hotel. Newspapers also stated that an unusual flood occurred on Dec. 27, 1942, but that it did not reach the stage of the 1921 flood.

Remarks.--Base for partial-duration series, 1,500 cfs. Only annual peaks are shown for 1953 and 1954.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1953	Apr. 29, 1953	a16.6	4,200	1958	Sept.30, 1958	12.10	2,480
1954	May 1, 1954	b15.0	3,600				
				1959	Mar. 15, 1959	9.93	1,720
1955	Apr. 12, 1955	13.08	2,850		July 2, 1959	11.91	2,410
	July 21, 1955	10.30	1,840				
				1960	Dec. 18, 1959	10.39	1,870
1956	Mar. 15, 1956	9.26	1,510		Mar. 1, 1960	10.07	1,760
					May 6, 1960	12.14	2,500
1957	Apr. 4, 1957	13.56	3,040		Aug. 22, 1960	10.72	1,980
	June 22, 1957	10.64	1,950				
				1961	Feb. 18, 1961	9.48	1,580
1958	Nov. 13, 1957	10.06	1,760		Mar. 28, 1961	11.03	2,080
	Jan. 20, 1958	10.98	2,060		June 20, 1961	10.58	1,930
	May 4, 1958	11.60	2,300		July 12, 1961	9.43	1,560
	June 17, 1958	12.72	2,710				

a From fair floodmark about 100 ft upstream from gage. Poor floodmark in vicinity of the gage was 0.4 ft lower.
b From poor floodmarks about 100 ft upstream from gage.

4861. Lynch Creek at Jackson, Miss.

Location.--Lat 32°17',00", long 90°12'55", in SE¼SW¼SE¼ sec.8, T.5 N., R.1 E., Choctaw meridian, at bridge on Valley Street in Jackson, 2,000 ft downstream from U.S. Highway 80 and 2.0 miles upstream from mouth.

Drainage area.--11.3 sq mi (11.1 sq mi at former location).

Gage.--Recording. At site 2,000 ft upstream at datum 7.08 ft higher prior to Mar. 14, 1959. Datum of gage is 262.16 ft above mean sea level, datum of 1929, supplementary adjustment of 1941.

Remarks.--Base for partial-duration series, 1,500 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1953	Apr. 29, 1953	a13.3	-	1958	June 16,17, 1958	13.8	4,460
					Sept.30, 1958	11.1	2,660
1955	Apr. 12, 1955	11.84	2,700				
	July 22, 1955	10.66	2,030	1959	Mar. 14, 1959	10.12	1,840
	July 29, 1955	10.24	1,820		May 22, 1959	11.84	2,480
1956	Mar. 15, 1956	9.88	1,640	1960	Mar. 2, 1960	9.98	1,780
					May 6, 1960	13.66	3,270
1957	Apr. 4, 1957	12.23	2,940		Aug. 22, 1960	10.77	2,070
	June 22, 1957	11.38	2,430				
	June 28, 1957	9.78	1,590	1961	Feb. 18, 1961	9.57	1,640
					Mar. 28, 1961	10.98	2,150
1958	Nov. 13, 1957	10.64	2,380		May 8, 1961	9.96	1,770
	Jan. 20, 1958	11.30	2,780		June 20, 1961	11.1	2,190
	May 1, 1958	9.45	1,700		July 12, 1961	9.81	1,720
	May 4, 1958	10.93	2,560		Aug. 29, 1961	9.62	1,660

a From floodmark at point 1,200 ft downstream.

4866.9. Rhodes Creek near Terry, Miss.

Location.--Lat 32°07', long 90°18', in NE¼ sec.9, T.3 N., R.1 W., Choctaw meridian, at bridge on old U.S. Highway 51, 1 mile upstream from Harris Creek, and 1½ miles north of Terry.

Drainage area.--20.9 sq mi.

Gage.--Crest-stage gage, assumed datum.

Stage-discharge relation.--Defined by current-meter measurement below 3,200 cfs and extended on basis of an indirect measurement at 4,470 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1948	Mar. 9, 1948	16.51	694	1956	Apr. 4, 1956	18.90	1,180
1949	March 1949	24.5	4,470	1957	Apr. 4, 1957	22.23	2,870
1950	Jan. 7, 1950	20.86	2,040	1958	Apr. 10, 1958	19.01	1,220
				1959	Apr. 21, 1959	14.91	540
1951	Mar. 19, 1951	16.86	736	1960	Mar. 3, 1960	20.00	1,620
1952	December 1951	19.27	1,330				
1953	Apr. 29, 1953	24.5	4,470	1961	June 19, 1961	20.45	1,840
1954	May 1, 1954	23.0	3,300				
1955	Apr. 12, 1955	22.7	3,120				

4873. Strong River near Puckett, Miss.

Location.--Lat 32°04', long 89°45', in NE¼SE¼SE¼ sec.26, T.3 N., R.5 E., Choctaw meridian, at bridge on State Highway 18, 2 miles southeast of Puckett.

Drainage area.--190 sq mi, approximately.

Gage.--Crest-stage gage, assumed datum.

Stage-discharge relation.--Defined by current-meter measurements below 8,800 cfs and extended logarithmically.

Bankfull stage.--19 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1950	January 1950	27.06	17,000	1958	June 16, 1958	19.35	2,820
				1959	Nov. 29, 1958	18.10	2,580
1955	Apr. 13, 1955	26.18	13,000	1960	May 9, 1960	20.80	3,220
1956	March 1956	22.13	3,800	1961	Feb. 22, 1961	26.35	14,000
1957	Apr. 4, 1957	14.47	2,040				

4875. Strong River at Dlo, Miss.

Location.--Lat 31°58'45", long 89°54'05", in SW¼ sec.28, T.2 N., R.4 E., Choctaw meridian, at bridge on U.S. Highway 49, 460 ft upstream from Illinois Central Railroad bridge, a quarter of a mile south of Dlo, 1,500 ft downstream from Sellers Creek, and 2 miles northwest of Mendenhall.

Drainage area.--429 sq mi.

Gage.--Nonrecording prior to Oct. 19, 1938; recording thereafter. At site 700 ft upstream at datum 5.00 ft higher prior to Oct. 19, 1938. Datum of gage is 257.99 ft above mean sea level (Corps of Engineers bench mark).

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--Floods of 1900 and January 1950 reached approximately the same stage and are the highest known at a point about 4 miles upstream, from information by local resident.

Remarks.--Base for partial-duration series, 5,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1929	Mar. 15, 1929	21.20	8,180	1946	Feb. 11, 1946	27.03	10,300
	Mar. 24, 1929	17.70	6,430	1947	Jan. 20, 1947	27.78	11,200
1930	Nov. 15, 1929	18.50	a6,830		Apr. 12, 1947	23.19	7,360
1931	July 30, 1931	12.90	4,390	1948	Mar. 7, 1948	23.85	7,720
1932	Jan. 7, 1932	15.03	5,210	1949	Nov. 29, 1948	30.02	17,000
	Jan. 25, 1932	18.72	6,930		Jan. 7, 1949	27.31	11,700
	Feb. 23, 1932	18.38	6,780		Feb. 17, 1949	20.37	5,890
	Apr. 1, 1932	16.20	5,750		Mar. 23, 1949	18.67	5,040
1933	Dec. 17, 1932	18.72	6,930		Apr. 1, 1949	26.50	10,600
	Dec. 28, 1932	17.80	6,480		May 3, 1949	20.54	5,940
	Mar. 31, 1933	16.40	5,840	1950	Jan. 7, 1950	33.0	24,800
	Apr. 15, 1933	15.8	5,570		Feb. 15, 1950	28.5	13,500
1934	Mar. 4, 1934	18.50	6,830		Mar. 4, 1950	24.44	8,410
1935	Mar. 7, 1935	28.0	22,900	1951	Mar. 29, 1951	28.71	13,800
	May 7, 1935	16.30	5,850	1952	Apr. 13, 1952	11.29	2,190
1936	Feb. 5, 1936	23.9	12,000	1953	Feb. 26, 1953	23.45	7,790
	Apr. 30, 1936	23.50	11,300		Mar. 13, 1953	18.90	5,300
1937	Jan. 6, 1937	16.30	5,950		May 1, 1953	20.17	5,950
	Jan. 20, 1937	21.12	8,670		May 6, 1953	21.65	6,730
1938	Apr. 3, 1938	19.74	7,720		May 19, 1953	25.12	9,090
	Apr. 8, 1938	25.8	16,800	1954	Mar. 29, 1954	19.64	5,650
	Apr. 19, 1938	18.90	7,250	1955	Feb. 23, 1955	23.20	7,670
1939	Mar. 2, 1939	17.17	4,390		Apr. 13, 1955	31.07	19,800
1940	May 1, 1940	29.07	13,200	1956	Feb. 6, 1956	25.94	9,460
	July 9, 1940	27.46	10,900		Mar. 17, 1956	26.11	9,750
1941	Dec. 17, 1940	20.48	5,760	1957	Apr. 5, 1957	25.48	8,940
1942	Mar. 22, 1942	16.48	3,900	1958	Nov. 20, 1957	19.08	5,250
1943	Mar. 22, 1943	21.32	6,230	1959	Apr. 21, 1959	16.01	3,950
	Apr. 9, 1943	19.35	5,190	1960	Mar. 4, 1960	18.46	5,000
1944	Mar. 30, 1944	25.16	8,690	1961	Feb. 23, 1961	29.24	14,300
	Apr. 27, 1944	24.21	7,980		Mar. 19, 1961	21.74	6,380
1945	Feb. 23, 1945	23.87	7,780		Mar. 31, 1961	29.52	15,100
	Mar. 19, 1945	21.67	6,540				

a Record incomplete; probably annual peak.

4876. Dobbs Creek near Dlo, Miss.

Location.--Lat 32°00', long 89°56', in SW¼ sec.18, T.2 N., R.4 E., Choctaw meridian, at bridge on U.S. Highway 49, 2.5 miles northwest of Dlo.

Drainage area.--55.1 sq mi.

Gage.--Crest-stage gage, assumed datum.

Stage-discharge relation.--Defined by current-meter measurements below 4,300 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1948	Mar. 9, 1948	20.53	a1,480	1956	Feb. 4, 1956	23.26	b3,180
1949	Mar. 25, 1949	23.2	b3,070	1957	Apr. 4, 1957	21.3	1,720
1950	Jan. 7, 1950	24.57	b7,560	1958	Nov. 14, 1957	20.39	1,440
				1959	Apr. 9, 1959	19.34	1,160
1951	March 1951	22.08	2,040	1960	Feb. 3, 1960	20.37	1,430
1952	December 1951	21.22	1,690				
1953	Apr. 29, 1953	21.42	1,770	1961	Feb. 22, 1961	22.71	2,430
1954	Mar. 27, 1954	20.79	1,560				
1955	Apr. 12, 1955	24.65	b7,950				

a Record incomplete; probably annual peak.
b Revised; supersedes figure published in WSP 1554.

4876.2. Riles Creek near Mendenhall, Miss.

Location.--Lat 31°56', long 89°55', in NE¼ sec.17, T.1 N., R.4 E., Choctaw meridian, at bridge on State Highway 20 at Merit, 3 miles southwest of Mendenhall.

Drainage area.--25.3 sq mi.

Gage.--Crest-stage gage, assumed datum.

Stage-discharge relation.--Defined by current-meter measurements below 1,100 cfs and extended to 9,050 cfs on basis of slope-area measurement.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1948	-	(a)	-	1955	Apr. 13, 1955	b25.02	-
1949	December 1948	22.06	4,430				
1950	Jan. 7, 1950	26.29	9,050	1956	Mar. 23, 1956	23.53	5,870
				1957	Apr. 4, 1957	18.73	1,910
1951	-	(a)	-	1958	June 17, 1958	17.90	1,410
1952	-	(a)	-	1959	Apr. 9, 1959	18.04	1,490
1953	-	(a)	-	1960	Feb. 3, 1960	16.8	860
1954	Feb. 20, 1954	18.0	1,470				
1955	Apr. 12, 1955	21.5	3,930	1961	Mar. 28, 1961	21.90	4,290

a Less than 23½ (bottom of gage).
b Backwater from Strong River.

4876.7. Boggans ditch near Mendenhall, Miss.

Location.--Lat 31°53', long 89°53', in NE¼NE¼NE¼ sec.33, T.1 N., R.4 E., Choctaw meridian, at upstream side of culvert on State Highway 13, 5½ miles south of Mendenhall.

Drainage area.--0.944 sq mi; shape of basin (length divided by average width), 1.48; mean altitude of basin, 450 ft; slope of basin, 0.02; cover of basin, mostly woods and pasture with minor cultivation.

Gage.--Crest-stage gage. Altitude of gage is 400 ft (from 50-foot contour topographic map).

Stage-discharge relation.--Theoretical rating and crest-stage gage readings (verified by high-water marks).

Bankfull stage.--No defined channel.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Apr. 12, 1955	6.89	764	1959	May 23, 1959	2.54	127
				1960	Mar. 15, 1960	3.18	198
1956	June 14, 1956	2.25	100				
1957	Apr. 3, 1957	6.05	617	1961	Mar. 28, 1961	5.51	525
1958	Aug. 17, 1958	2.89	165				

4876.9. Baking Powder Draw near Prentiss, Miss.

Location.--Lat 31°50', long 89°53', in SE¼NE¼NW¼ sec.14, T.10 N., R.19 W., St. Stephens meridian, at upstream side of culvert on State Highway 13, 4.9 miles north of Jefferson Davis-Simpson County line, and 16.0 miles north of intersection of U.S. Highway 84 and State Highway 13 east of Prentiss.

Drainage area.--0.838 sq mi; shape of basin (length divided by average width), 1.96; mean altitude of basin, 550 ft; slope of basin, 0.02; cover of basin, mostly woods and pasture with some cultivation.

Gage.--Crest-stage gage.

Stage-discharge relation.--Theoretical rating and crest-stage gage readings (verified by high-water marks).

Bankfull stage.--No defined channel.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Apr. 12, 1955	4.18	323	1959	May 23, 1959	3.28	205
				1960	Jan. 30, 1960	2.34	108
1956	June 14, 1956	2.70	142				
1957	Apr. 4, 1957	4.16	318	1961	Feb. 20, 1961	4.13	315
1958	Mar. 23, 1958	3.65	252				

4877.1. Barrets Branch near Pinola, Miss.

Location.--Lat 31°52'50", long 90°02'20", in NE¼NE¼SE¼ sec.36, T.1 N., R.2 E., Choctaw meridian, at upstream side of culvert on State Highway 28, 5 miles west of Pinola.

Drainage area.--0.912 sq mi; shape of basin (length divided by average width), 4.56; mean altitude of basin, 350 ft; slope of basin, 0.01; cover of basin, 70 percent woods with 30 percent pasture or cultivation.

Gage.--Crest-stage gage. Altitude of gage is 270 ft (from 50-foot contour map).

Stage-discharge relation.--Theoretical rating and crest-stage gage readings (verified by high-water marks).

Bankfull stage.--11 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Apr. 12, 1955	13.64	1,200	1959	Oct. 1, 1958	6.13	236
				1960	Feb. 4, 1960	a2.72	100
1957	July 1957	7.97	422				
1958	June 1958	7.71	393	1961	Mar. 28, 1961	9.06	548

a At downstream crest gage (estimate of upstream stage is 4.5 ft, from curve relating the two gages).

4877.5. Big Creek near Pinola, Miss.

Location.--Lat 31°53', long 90°03', in SW¼ sec.36, T.1 N., R.2 E., Choctaw meridian, at bridge on State Highway 20, 2 miles upstream from mouth and 5.5 miles west of Pinola.

Drainage area.--44.0 sq mi.

Gage.--Crest-stage gage, assumed datum.

Stage-discharge relation.--Defined by current-meter measurements below 4,400 cfs and extended above on basis of logarithmic plotting.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1948	Mar. 9, 1948	22.27	a1,220	1956	Feb. 4, 1956	24.26	2,520
1949	December 1948	24.65	2,980	1957	Apr. 4, 1957	24.69	3,030
1950	Jan. 7, 1950	27.29	7,340	1958	June 17, 1958	22.36	1,250
				1959	Apr. 21, 1959	19.53	720
1951	Mar. 29, 1951b	b24.25	b2,500	1960	Feb. 4, 1960	20.06	800
1952	-	(c)	-				
1953	Apr. 29, 1953	24.34	2,610	1961	Mar. 28, 1961	24.79	2,980
1954	Mar. 27, 1954	23.54	1,820				
1955	Apr. 12, 1955	27.39	7,560				

a Record incomplete; probably annual peak.
b Revised; supersedes figures published in WSP 1554.
c Less than 23 ft (bottom of gage).

4877.7. Bradleys ditch near Pinola, Miss.

Location.--Lat 31°53', long 90°05', in NW¼NW¼SW¼ sec.34, T.1 N., R.2 E., Choctaw meridian, at culvert on State Highway 28, 8½ miles west of Pinola.

Drainage area.--1.29 sq mi; shape of basin (length divided by average width), 4.03; mean altitude of basin, 320 ft; slope of basin, 0.005; cover of basin, about one-half pasture and one-half woods.

Gage.--Crest-stage gage. Altitude of gage is 290 ft (from 50-foot contour map).

Stage-discharge relation.--Theoretical rating and crest-stage gage readings (verified by high-water marks).

Bankfull stage.--6 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Apr. 12, 1955	7.06	516	1959	Oct. 1, 1958	b2.30	c90
				1960	Feb. 4, 1960	b2.77	c110
1956	July 1956	3.42	a120				
1957	Apr. 3, 1957	4.44	237	1961	Mar. 28, 1961	4.85	262
1958	Jan. 15, 1958	4.34	203				

a Based on estimated downstream stage.
b Stage downstream from culvert.
c Based on estimated upstream stage.

4879. Copiah Creek near Hazlehurst, Miss.

Location.--Lat 31°53', long 90°17', in SE¼ sec.27, T.1 N., R.1 W., Choctaw meridian, at bridge on State Highway 20, three-quarters of a mile downstream from Little Copiah Creek and 6¼ miles east of Hazlehurst.

Drainage area.--48 sq mi.

Gage.--Crest-stage gage, assumed datum.

Stage-discharge relation.--Defined by current-meter measurements below 4,900 cfs and extended by logarithmic plotting.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1948	-	(a)	-	1956	Feb. 4, 1956	11.5	2,550
1949	-	(a)	-	1957	Apr. 4, 1957	18.44	6,700
1950	Jan. 7, 1950	20.14	8,000	1958	Nov. 14, 1957	13.28	3,500
				1959	Apr. 21, 1959	10.28	2,000
1951	-	(a)	-	1960	Dec. 17, 1959	19.85	7,800
1952	-	(a)	-				
1953	Apr. 29, 1953	17.8	6,200	1961	Mar. 29, 1961	14.80	4,300
1954	-	(b)	-				
1955	Apr. 13, 1955	17.03	5,800				

a Less than 18.2 ft (bottom of gage).
b Less than 15 ft (bottom of gage).

4880. Pearl River near Rockport, Miss.

Location.--Lat 31°47'25", long 90°08'35", in SW¼ sec.31, T.10 N., R.11 E., Washington meridian, at highway bridge, 1½ miles upstream from Sinkler Creek, 2 miles east of Rockport, and 7½ miles downstream from Strong River.

Drainage area.--4,600 sq mi, approximately.

Gage.--Nonrecording prior to July 24, 1939; recording thereafter. Datum of gage is 180.19 ft above mean sea level, datum of 1929 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 51,000 cfs. Shifts in relation occur.

Historical data.--The floods of 1874 and 1900 reached elevations of 222 and 220½ ft above mean sea level, respectively, at a point about 1 mile upstream, from information by local resident.

Remarks.--Base for partial-duration series, 18,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	Apr. 9, 1938	35.25	60,000	1946	Feb. 20, 1946	34.31	54,600
					Mar. 17, 1946	22.46	19,600
1939	Mar. 2, 1939	27.2	26,500		Mar. 29, 1946	21.60	18,300
	Mar. 31, 1939	22.5	18,800		June 2, 1946	22.04	18,900
1940	May 1, 1940	30.87	37,600	1947	Jan. 21, 1947	33.48	50,000
	July 8, 1940	30.2	34,800		Mar. 14, 1947	23.14	20,600
1941	Dec. 27, 1940	23.19	19,700		Apr. 14, 1947	28.03	29,600
1942	Mar. 22, 1942	19.77	15,400	1948	Feb. 10, 1948	21.91	18,800
					Mar. 6, 1948	27.87	27,700
1943	Dec. 28, 1942	26.30	24,600				
	Mar. 22, 1943	23.91	20,700	1949	Dec. 2, 1948	-	a33,000
	Apr. 9, 1943	24.92	22,200		Jan. 20, 1949	-	a34,000
					Feb. 18, 1949	27.32	26,500
1944	Mar. 9, 1944	21.51	18,200		Apr. 1, 1949	32.56	40,600
	Apr. 7, 1944	32.39	45,800		May 3, 1949	22.38	18,200
	Apr. 28, 1944	27.07	28,000				
				1950	Jan. 8, 1950	33.81	45,300
1945	Feb. 5, 1945	22.17	19,100		Jan. 18, 1950	31.61	37,300
	Feb. 14, 1945	23.04	20,400		Feb. 24, 1950	33.37	43,700
	Mar. 6, 1945	30.34	37,100		May 3, 1950	27.22	26,300
	Mar. 18, 1945	26.94	27,600				
	Apr. 3, 1945	24.73	23,200	1951	Feb. 17, 1951	26.42	25,400
					Mar. 30, 1951	29.58	31,800
1946	Jan. 21, 1946	21.88	18,800		Apr. 9, 1951	31.88	38,200

a Estimated daily mean.

4883.4. Small Pine ditch near Monticello, Miss.

Location.--Lat 31°33', long 90°15', in SW¼SW¼NW¼ sec.25, T.7 N., R.9 E., Washington meridian, at upstream side of culvert on U.S. Highway 84, half a mile upstream from mouth (Pair River) and 9 miles west of Monticello.

Drainage area.--0.164 sq mi; shape of basin (length divided by average width), 1.78; mean altitude of basin, 300 ft; slope of basin, 0.02; cover of basin, about one-half open and one-half woods.

Gage.--Crest-stage gage. Altitude of gage is 275 ft (from 50-foot contour map).

Stage-discharge relation.--Theoretical rating and crest-stage gage readings (verified by high-water marks).

Bankfull stage.--No defined channel.

Remarks.--Only annual peaks are shown.

Peak stages and discharges of Small Pine ditch near Monticello, Miss.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Apr. 12, 1955	6.39	213	1959	Oct. 31, 1958	3.75	74
				1960	Aug. 12, 1960	4.68	118
1956	-	(a)	-				
1957	Apr. 3, 1957	6.31	209	1961	Mar. 28, 1961	6.89	245
1958	Nov. 13, 1957	5.16	143				

a Less than minimum recordable stage of 3.17 ft (corresponding discharge, 50 cfs).

4885. Pearl River near Monticello, Miss.

Location.--Lat 31°33', long 90°05', in SW¼ sec.23, T.7 N., R.21 W., St. Stephens meridian, at bridge on U.S. Highway 84, 1.0 mile east of Monticello, 2½ miles upstream from Halls Creek, and 3 miles upstream from Silver Creek.

Drainage area.--5,040 sq mi, approximately.

Gage.--U.S. Geological Survey: Nonrecording prior to Dec. 12, 1938, and Jan. 11, 1949, to Oct. 16, 1952; recording Dec. 12, 1938, to Jan. 10, 1949, and since Oct. 16, 1952. Datum of gage is 158.66 ft above mean sea level, datum of 1929 (levels by Corps of Engineers).
U.S. Weather Bureau: Nonrecording at site 1¼ miles upstream. Datum of gage is 162.87 ft above mean sea level.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--15.0 ft, U.S. Weather Bureau.

Historical data.--Flood of April 1902 reached a stage of about 33 ft at the U.S. Geological Survey gage.

Remarks.--Only annual peaks are shown prior to 1938. Base for partial-duration series, 22,000 cfs. Gage-height record prior to 1939 furnished by U.S. Weather Bureau.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1902	April 1902	33	100,000	1945	Mar. 21, 1945	23.06	30,500
1924	Jan. 18, 1924	17.6	a22,600	1946	Feb. 21, 1946	27.66	51,200
1925	Jan. 18, 1925	21.6	33,500		Mar. 17, 1946	20.7	22,900
1926	Mar. 24, 1926	17.0	21,500				
1927	Feb. 15, 1927	19.6	27,400	1947	Jan. 21, 1947	27.7	51,200
1928	June 16, 1928	23.8	43,000		Mar. 15, 1947	21.1	23,700
1929	Mar.28-31,1929	20.6	30,800		Apr. 2, 1947	21.9	25,500
1930	May 20, 1930	20.8	31,200		Apr. 21, 1947	24.0	32,300
1931	Dec. 6, 1930	15.0	17,400	1948	Mar. 6, 1948	24.41	32,100
1932	Jan. 25, 1932	21.8	34,800				
1933	Dec. 23, 1932	25.1	51,500	1949	Dec. 2, 1948	25.12	35,000
1934	Mar. 4, 1934	18.8	25,600		Jan. 20, 1949	-	b39,500
1935	Mar. 16, 1935	26.3	60,000		Feb. 17, 1949	24.01	30,500
1936	Feb. 5, 1936	22.6	38,000		Apr. 1, 1949	28.00	50,500
1937	Jan. 20, 1937	21.7	34,200	1950	Jan. 7, 1950	29.44	59,300
1938	Apr. 8, 1938	27.7	69,900		Jan. 20, 1950	26.02	39,500
					Feb. 25, 1950	27.52	47,500
1939	Mar. 7, 1939	23.63	29,900		Mar. 16, 1950	21.53	22,600
	Mar. 31, 1939	20.74	23,100		May 5, 1950	23.99	30,500
1940	May 3, 1940	25.05	37,400	1951	Feb. 17, 1951	22.51	25,600
	July 9, 1940	24.80	36,400		Mar. 30, 1951	25.44	36,500
					Apr. 10, 1951	26.13	40,000
1941	Dec. 28, 1940	21.53	24,200				
				1952	Feb. 24, 1952	14.38	11,100
1942	May 16, 1942	19.10	19,300				
				1953	Feb. 27, 1953	23.98	30,500
1943	Dec. 29, 1942	23.34	29,900		Mar. 15, 1953	23.30	28,000
	Mar. 21, 1943	22.70	27,700		May 4, 1953	25.86	39,000
	Apr. 11, 1943	22.04	25,600		May 18, 1953	28.07	51,100
1944	Apr. 8, 1944	26.34	42,200	1954	Mar. 29, 1954	19.06	18,000
	Apr. 29, 1944	22.86	29,800				
				1955	Feb. 7, 1955	21.36	22,300
1945	Mar. 7, 1945	24.96	37,200		Feb. 23, 1955	21.97	24,100

a Probably annual peak; may have been higher in December prior to establishment of gage on Jan. 1.
b Estimated daily mean.

Peak stages and discharges of Pearl River near Monticello, Miss.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Apr. 14, 1955	26.88	44,000	1959	Apr. 23, 1959	19.05	18,700
1956	Feb. 18, 1956	23.26	28,000	1960	Mar. 17, 1960	24.02	30,500
	Mar. 16, 1956	24.04	30,500				
	Apr. 20, 1956	22.20	24,700	1961	Feb. 26, 1961	25.57	37,400
1957	Apr. 5, 1957	23.57	28,900		Mar. 7, 1961	26.72	43,100
					Mar. 20, 1961	23.25	27,800
1958	Nov. 26, 1957	23.83	29,700		Apr. 1, 1961	28.21	51,800
	May 14, 1958	25.14	35,000				

4885.1. Roadside Park ditch near Monticello, Miss.

Location.--Lat 31°34'40", long 90°03'20", in SW¼SE¼NW¼ sec.18, T.7 N., R.12 E., St. Stephens meridian, at upstream side of culvert on U.S. Highway 84, 3.0 miles east of Monticello.

Drainage area.--0.251 sq mi; shape of basin (length divided by average width), 2.36; mean altitude of basin, 325 ft; slope of basin, 0.04; cover of basin, piney woods.

Gage.--Crest-stage gage. Altitude of gage is 250 ft (from 50-foot contour map).

Stage-discharge relation.--Theoretical rating and crest-stage gage readings (verified by high-water marks).

Bankfull stage.--No defined channel.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Apr. 12, 1955	4.17	138	1959	-	3.97	125
				1960	Feb. 4, 1960	3.43	93
1956	July 14, 1956	3.21	81				
1957	Apr. 3, 1957	3.33	87	1961	Mar. 28, 1961	5.31	217
1958	Nov. 13, 1957	3.10	74				

4885.5. Goines Draw near Prentiss, Miss.

Location.--Lat 31°47'00", long 89°52'40", in NE¼NW¼NE¼ sec.2, T.9 N., R.19 W., St. Stephens meridian, at upstream side of culvert on State Highway 13, 0.8 mile south of Boggan and 12.2 miles north of Prentiss.

Drainage area.--0.345 sq mi; shape of basin (length divided by average width), 1.59; mean altitude of basin, 560 ft; slope of basin, 0.02; cover of basin, about one-half open and one-half woods pastureland.

Gage.--Crest-stage gage prior to June 7, 1957; recording thereafter. Altitude of gage is 525 ft (from 50-foot contour map).

Stage-discharge relation.--Theoretical rating and crest-stage gage or continuous recorder readings (verified by high-water marks).

Bankfull stage.--1 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Apr. 12, 1955	6.82	402	1959	Feb. 10, 1959	0.98	4
				1960	Feb. 3, 1960	2.65	87
1956	-	(a)	-				
1957	Apr. 3, 1957	5.25	265	1961	Feb. 20, 1961	6.14	341
1958	July 14, 1958	2.39	74				

a Less than minimum recordable stage of 1.5 ft (corresponding discharge, 25 cfs).

4886.8. Plum ditch near Prentiss, Miss.

Location.--Lat 31°35", long 89°57', at center of line between NE¼ and SE¼ sec.7, T.7 N., R.19 W., St. Stephens meridian, at upstream side of culvert on U.S. Highway 84, 4.2 miles west of Prentiss.

Drainage area.--0.227 sq mi; shape of basin (length divided by average width), 3.73; mean altitude of basin, 425 ft; slope of basin, 0.01; cover of basin, mostly open pasture with some woods.

Gage.--Crest-stage gage. Altitude of gage is 400 ft (from 50-foot contour map).

Stage-discharge relation.--Theoretical rating and crest-stage gage readings (verified by high-water marks).

Bankfull stage.--No defined channel.

Remarks.--An unusually large amount of storage probably exists in this basin because U.S. Highway 84 crosses the stream twice above the gage. Minor ponding exists in the vicinity of the crest-stage gage. Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Apr. 12, 1955	7.18	211	1959	May 23, 1959	4.6[illegible]	78
				1960	Apr. 2, 1960	4.3[illegible]	65
1956	Feb. 4, 1956	5.07	97				
1957	June 27, 1957	5.79	132	1961	Mar. 29, 1961	5.2[illegible]	105
1958	Nov. 13, 1957	4.65	78				

4890. Pearl River near Columbia, Miss.

Location.--Lat 31°14', long 89°51', in E½ sec.7, T.3 N., R.18 W., St. Stephens meridian, at downstream side of bridge on U.S. Highway 98, 1½ miles southwest of Columbia, 2 miles downstream from Fernwood, Columbia & Gulf Railroad bridge, 2¼ miles upstream from Silver Creek, and 2¾ miles downstream from Jones Creek.

Drainage area.--5,690 sq mi, approximately.

Gage.--U.S. Geological Survey: Nonrecording at site 1 mile downstream at datum 0.37 ft higher prior to May 26, 1934; recording thereafter to September 1954. Datum of gage is 115.81 ft above mean sea level, datum of 1929, supplementary adjustment of 1941 (levels by Corps of Engineers).

U.S. Weather Bureau: Nonrecording at site 1 mile downstream prior to June 1, 1906, at site 1 mile upstream June 1, 1906, to Dec. 31, 1921, and at site 2½ miles upstream Jan. 1, 1922, to June 1, 1934; all at datum 117.09 ft above mean sea level, datum of 1929, supplementary adjustment of 1941. Nonrecording at same site and datum as U.S. Geological Survey gage after June 1, 1934.

Stage-discharge relation.--Defined by current-meter measurements.

Bankfull stage.--17 ft.

Historical data.--Flood of 1874 reached a stage of about 31 ft, from information by U.S. Weather Bureau.

Remarks.--Only annual peaks are shown. Gage-height record prior to 1929 and after 1954 furnished by U.S. Weather Bureau.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1905	Feb. 13, 1905	23.0	61,200	1912	Apr. 19, 1912	24.7	53,300
				1913	Mar. 17, 1913	22.7	40,300
1906	Mar. 23, 1906	22.0	51,700	1914	Apr. 16, 1914	19.5	30,300
1907	May 19, 1907	23.2	42,900	1915	Feb. 16, 1915	19.2	29,300
1908	May 11, 1908	21.0	34,400				
1909	June 5, 1909	27.6	79,200	1916	Feb. 3, 1916	17.0	23,600
1910	Apr. 19, 1910	16.5	22,300	1917	Mar. 7, 1917	20.8	33,800
				1918	May 3, 1918	16.8	23,100
1911	Jan. 5, 1911	19.1	29,100	1919	Mar. 21, 1919	19.1	29,100

Peak stages and discharges of Pearl River near Columbia, Miss.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1920	Dec. 12, 1919	25.6	60,300	1941	Dec. 30, 1940	17.99	26,600
				1942	Mar. 23, 1942	15.98	21,600
1921	Mar. 30, 1921	25.3	57,700	1943	Mar. 22, 1943	21.84	38,100
1922	Apr. 5, 1922	20.2	30,000	1944	Apr. 10, 1944	22.69	42,300
1923	Apr. 6, 1923	26.5	61,200	1945	Mar. 9, 1945	20.94	35,000
1924	Jan. 20, 1924	18.8	26,400				
1925	Jan. 20, 1925	23.7	39,300	1946	Feb. 23, 1946	23.78	49,300
				1947	Jan. 23, 1947	24.18	52,500
1926	Mar. 25, 1926	19.0	26,900	1948	Mar. 7, 1948	22.11	39,300
1927	Feb. 16, 1927	21.2	32,300	1949	Apr. 3, 1949	24.0	50,900
1928	June 19, 1928	24.0	40,800	1950	Jan. 11, 1950	24.3	53,300
1929	Mar. 17, 1929	19.72	33,800				
1930	Nov. 16, 1929	20.85	36,700	1951	Apr. 13, 1951	21.8	38,100
				1952	May 26, 1952	11.61	12,400
1931	Dec. 7, 1930	14.87	21,400	1953	May 22, 1953	23.99	50,900
1932	Jan. 27, 1932	20.22	36,100	1954	Mar. 31, 1954	14.53	18,300
1933	Dec. 27, 1932	23.12	49,300	1955	Apr. 16, 1955	23.4	46,500
1934	Mar. 6, 1934	17.14	26,900				
1935	Mar. 18, 1935	24.88	62,500	1956	Mar. 19, 1956	19.8	31,700
				1957	Apr. 7, 1957	19.0	29,300
1936	Feb. 7, 1936	22.1	39,500	1958	May 16, 1958	20.6	34,100
1937	Jan. 22, 1937	22.35	43,000	1959	Feb. 6, 1959	14.8	19,000
1938	Apr. 9, 1938	26.40	72,600	1960	Mar. 19, 1960	19.3	30,200
1939	Mar. 9, 1939	20.50	33,800				
1940	July 13, 1940	22.58	41,800	1961	Apr. 2, 1961	24.6	55,800

4890.3. Elmers Draw near Columbia, Miss.

Location.--Lat 31°12', long 89°58', in SE¼SE¼NW¼ sec.26, T.3 N., R.12 E., Washington meridian, at upstream side of culvert on U.S. Highway 98, 5.7 miles west of Columbia.

Drainage area.--0.913 sq mi; shape of basin (length divided by average width), 1.66; mean altitude of basin, 375 ft; slope of basin, 0.01; cover of basin, about two-thirds in wooded pasture and one-third in cultivation.

Gage.--Crest-stage gage. Altitude of gage is 350 ft (from 50-foot contour map).

Stage-discharge relation.--Theoretical rating and crest-stage gage readings (verified by high-water marks).

Bankfull stage.--3 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Apr. 12, 1955	12.21	1,150	1959	Aug. 31, 1959	4.85	245
				1960	May 7, 1960	11.72	1,080
1956	Feb. 4, 1956	6.42	400				
1957	June 27, 1957	(a)	170	1961	Feb. 20, 1961	8.41	625
1958	Nov. 13, 1957	6.26	380				

a Not recorded; estimated to be 4.0 ft based on downstream recorded stage of 2.59 ft.

4891.6. Kokomo Draw at Kokomo, Miss.

Location.--Lat 31°11', long 90°00', in SW¼SE¼SW¼ sec.28, T.3 N., R.12 E., Washington meridian, at culvert on U.S. Highway 98 at Kokomo.

Drainage area.--1.26 sq mi; shape of basin (length divided by average width), 1.56; mean altitude of basin, 375; slope of basin, 0.01; cover of basin, about one-fourth wooded and rest open pasture.

Gage.--Crest-stage gage. Altitude of gage is 350 ft (from 50-foot contour map).

Stage-discharge relation.--Theoretical rating and crest-stage gage readings (verified by high-water marks).

Bankfull stage.--No defined channel. Natural ground is at stage of 2 ft.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1955	Apr. 12, 1955	8.43	1,320	1959	Apr. 21, 1959	2.74	-
				1960	May 7, 1960	7.25	1,030
1956	Feb. 4, 1956	4.25	405				
1957	Apr. 3, 1957	2.36	-	1961	Feb. 20, 1961	5.58	664
1958	Nov. 13, 1957	4.38	419				

4892. Ten Mile Creek near Columbia, Miss.

Location.--Lat 31°09', long 89°51', in NE¼ sec.12, T.2 N., R.13 E., Washington meridian, at bridge on State Highway 35, 1½ miles upstream from mouth and 9 miles south of Columbia.

Drainage area.--39.9 sq mi.

Gage.--Crest-stage gage, assumed datum.

Stage-discharge relation.--Defined by current-meter measurements below 2,300 cfs and extended to 11,300 cfs on basis of contracted-opening measurement.

Historical data.--Flood of April 1900 was slightly higher than flood of April 1955 at New Hope Church, about 4 miles upstream, from information by local resident.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	-	(a)	-	1957	-	(c)	-
1953	May 3, 1953	10.52	450	1958	June 17, 1958	13.79	b2,100
1954	Dec. 4, 1953	12.41	1,120	1959	Apr. 21, 1959	13.56	b1,700
1955	Apr. 12, 1955	19.0	b11,300	1960	May 7, 1960	17.49	7,700
1956	Feb. 4, 1956	14.10	b2,350	1961	Feb. 22, 1961	17.7	7,800

a Less than 13½ ft (bottom of gage).
b Revised; supersedes figures published in WSP 1554 or WSP 1624.
c Less than 12 ft (bottom of gage).

4894. Pushepatapa Creek at Varnado, La.

Location.--In SW¼ sec.7, T.2 S., R.14 E., at bridge, 0.9 mile south of Varnado.

Drainage area.--158 sq mi.

Gage.--Crest-stage gage. Datum of gage is 58.16 ft above mean sea level (Louisiana Geological Survey bench mark).

Stage-discharge relation.--Defined by current-meter measurements below 12,000 cfs and extended on basis of contracted-opening measurement at 55,700 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1949	July 23, 1949	a42.04	4,500	1956	Feb. 4, 1956	41.97	4,490
1950	Feb. 14, 1950	44.69	7,900	1957	Apr. 1, 1957	-	(c)
				1958	May 19, 1958	39.42	1,900
1951	Mar. 30, 1951	44.01	6,800	1959	Feb. 4, 1959	39.12	1,450
1952	May 19, 1952	-	(b)	1960	May 6, 1960	43.15	5,700
1953	Aug. 22, 1953	41.85	4,350				
1954	Dec. 6, 1953	41.81	4,300	1961	Feb. 22, 1961	49.14	55,700
1955	Apr. 13, 1955	42.27	4,700				

a Maximum observed.
b Did not reach bottom of gage, discharge less than 1,500 cfs.
c Did not reach bottom of gage, discharge less than 1,200 cfs.

4895. Pearl River near Bogalusa, La.

Location.--Lat 30°47'35", long 89°49'15", on line between secs. 17 and 18, T.3 S., R.14 E., near right bank on downstream side of bridge on State Highway 10, 2 miles east of Bogalusa and 2 miles upstream from Bogue Lusa Creek.

Drainage area.--6,630 sq mi, approximately.

Gage.--Nonrecording prior to July 29, 1954; recording thereafter. Datum of gage is 55.00 ft above mean sea level, datum of 1929 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	Apr. 11, 1938	21.0	-	1951	Apr.16,17, 1951	19.50	37,700
1939	June 4, 1939	19.28	38,800	1952	Mar. 15, 1952	16.41	13,200
1940	July 15, 1940	19.66	45,500	1953	May 24, 1953	20.14	50,400
				1954	Dec. 15, 1953	18.51	22,500
1941	Jan. 2, 1941	18.84	28,200	1955	Apr. 16, 1955	20.15	52,700
1942	Mar. 25, 1942	18.26	21,500				
1943	Mar. 23, 1943	20.22	57,800	1956	Mar. 22, 1956	19.28	33,700
1944	Apr. 12, 1944	19.68	45,700	1957	Apr. 10, 1957	19.22	32,400
1945	Mar. 12, 1945	19.28	36,500	1958	May 18, 1958	19.74	42,600
				1959	Feb. 7, 1959	18.50	24,000
1946	Feb. 26, 1946	20.05	53,000	1960	Mar. 22, 1960	19.30	34,000
1947	Jan. 25, 1947	20.30	60,000				
1948	Mar. 7, 1948	20.27	59,200	1961	Feb. 23, 1961	21.70	88,200
1949	Apr. 5, 1949	20.13	54,400				
1950	Jan. 13, 1950	20.32	55,100				

4900. Bogue Lusa Creek near Franklinton, La.
(Published as Bogue Lusa near Franklinton prior to 1959)

Location.--Lat 30°52'05", long 90°00'10", in NE¼NW¼ sec.21, T.2 S., R.12 E., St. Helena meridian, near right bank at downstream side of bridge on State Highway 10 at Sheridan Store, three-quarters of a mile upstream from Witches Creek and 9 miles east of Franklinton.

Drainage area.--12.1 sq mi.

Gage.--Nonrecording prior to Dec. 2, 1948; recording thereafter. Datum of gage is 205.19 ft above mean sea level (Louisiana Department of Highways reference mark).

Stage-discharge relation.--Defined by current-meter measurements below 3,000 cfs and extended above on basis of contracted-opening measurement at 7,400 cfs.

Remarks.--Base for partial-duration series, 350 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1949	Nov. 21, 1948	6.73	420	1954	Apr. 16, 1954	7.96	872
	Nov. 26, 1948	11.0	4,020				
	Dec. 16, 1948	7.50	660	1955	Apr. 13, 1955	6.79	430
	Mar. 21, 1949	8.69	1,380				
	Mar. 31, 1949	6.79	433	1956	Feb. 4, 1956	9.54	2,210
	May 2, 1949	9.17	1,800		July 7, 1956	7.93	862
	June 10, 1949	7.19	550				
	July 22, 1949	6.48	358	1957	Apr. 1, 1957	8.88	1,540
	July 23, 1949	9.78	2,510		Apr. 4, 1957	7.77	780
1950	Feb. 13, 1950	10.18	2,990	1958	Nov. 14, 1957	9.22	1,850
	Mar. 15, 1950	8.41	1,150				
				1959	May 12, 1959	9.26	1,900
1951	Mar. 18, 1951	6.48	358				
	Mar. 29, 1951	7.92	845	1960	Oct. 14, 1959	6.90	409
	Apr. 22, 1951	10.25	3,050		Apr. 3, 1960	7.34	578
					May 5, 1960	7.63	715
1953	Jan. 8, 1953	7.31	585		Aug. 22, 1960	6.75	362
	May 3, 1953	7.68	736				
	Aug. 22, 1953	10.17	2,930	1961	Feb. 21, 1961	11.90	7,400
					Mar. 8, 1961	6.76	468
1954	Dec. 3, 1953	9.10	1,750		Mar. 18, 1961	8.31	1,200
	Dec. 6, 1953	9.24	1,900		Mar. 28, 1961	6.56	405
	Dec. 9, 1953	8.57	1,260		Feb. 18, 1961	9.03	1,740
	Dec. 12, 1953	6.95	474				

4902.5. Bogue Chitto near Brookhaven, Miss.

Location.--Lat 31°33', long 90°23', in SW¼ sec.26, T.7 N., R.7 E., Washington meridian, at bridge on U.S. Highway 84, 2½ miles southwest of Brookhaven.

Drainage area.--30 sq mi.

Gage.--Crest-stage gage, assumed datum.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges of Bogue Chitto near Brookhaven, Miss.

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	-	(a)	-	1957	June 28, 1957	17.55	3,900
1953	May 18, 1953	17.6	4,120	1958	June 17, 1958	16.24	1,370
1954	-	(a)	-	1959	Apr. 21, 1959	13.98	650
1955	Apr. 13, 1955	17.95	5,400	1960	Feb. 4, 1960	15.67	980
1956	Mar. 15, 1956	16.7	1,860	1961	Mar. 28, 1961	18.6	9,000

a Less than 14.8 ft (bottom of gage).

4903. Big Creek at Bogue Chitto, Miss.

Location.--Lat 31°27', long 90°27', in N½ sec.36, T.6 N., R.7 E., Washington meridian, at bridge on U.S. Highway 51, half a mile north of Bogue Chitto.

Drainage area.--55.2 sq mi.

Gage.--Crest-stage gage, assumed datum.

Stage-discharge relation.--Defined by current-meter measurements.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	-	(a)	-	1957	Sept.27, 1957	21.84	3,820
1953	May 18, 1953	22.97	5,200	1958	Dec. 28, 1957	b20.7	2,480
1954	-	(a)	-	1959	Jan. 21, 1959	18.57	820
1955	Apr. 13, 1955	27.06	10,600	1960	Dec. 17, 1959	22.11	4,140
1956	Mar. 15, 1956	23.14	5,420	1961	Mar. 29, 1961	24.02	6,520

a Less than 20.7 ft (bottom of gage).
b Estimated on basis of records for station 2.5 miles upstream.

4905. Bogue Chitto near Tylertown, Miss.

Location.--Lat 31°11', long 90°17', in SE¼ sec.34, T.3 N., R.9 E., Washington meridian, at bridge on U.S. Highway 98, a quarter of a mile upstream from Fernwood, Columbia & Gulf Railroad bridge, a quarter of a mile upstream from Bars Branch, 2½ miles downstream from Topisaw Creek, and 9 miles northwest of Tylertown.

Drainage area.--502 sq mi.

Gage.--Recording. Datum of gage is 227.40 ft above mean sea level, datum of 1929, supplementary adjustment of 1941.

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--Flood of February 1936 reached a stage 1.2 ft higher than the flood of January 1950 at the railroad bridge a quarter of a mile downstream.

Remarks.--Base for partial-duration series, 6,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1945	Jan. 8, 1945	15.37	6,000	1947	Apr. 3, 1947	a21.58	14,500
1946	Dec. 26, 1945	15.58	6,210	1948	Jan. 28, 1948	16.50	7,220
	Mar. 18, 1946	15.85	6,430		Feb. 14, 1948	15.38	6,000
	May 17, 1946	a16.85	7,610		Mar. 4, 1948	a23.06	16,600
	Sept.22, 1946	a20.50	13,900		Mar. 6, 1948	a20.20	12,200
1947	Jan. 20, 1947	a22.35	15,400	1949	Nov. 28, 1948	a22.58	16,400
	Mar. 8, 1947	a18.85	10,200		Jan. 7, 1949	17.06	7,990
	Mar. 14, 1947	a16.48	7,230		Feb. 17, 1949	a18.92	10,300

a Occurred at different time than peak discharge.

Peak stages and discharges of Bogue Chitto near Tylertown, Miss.--Continued

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1949	Mar. 22, 1949	a19.93	11,800	1956	Feb. 4, 1956	a17.45	8,360
	Mar. 31, 1949	a20.65	12,900		Mar. 12, 1956	15.62	6,210
					Mar. 16, 1956	a22.67	16,500
1950	Jan. 7, 1950	33.50	45,700				
	Feb. 14, 1950	a21.32	14,100	1957	Apr. 5, 1957	17.09	7,890
	May 4, 1950	a18.12	9,290		May 11, 1957	16.40	7,090
					June 29, 1957	17.38	8,250
1951	Mar. 30, 1951	a26.47	22,700				
	Apr. 22, 1951	16.40	7,100	1958	Nov. 16, 1957	17.00	8,120
					Nov. 19, 1957	15.27	6,310
1952	Apr. 14, 1952	11.22	2,170		May 5, 1958	15.16	6,210
					June 17, 1958	15.95	7,050
1953	Feb. 25, 1953	15.76	6,430				
	Mar. 15, 1953	16.28	6,980	1959	May 24, 1959	12.99	4,050
	May 4, 1953	22.63	16,200				
	May 16, 1953	17.50	8,370	1960	Dec. 19, 1959	17.66	9,190
	May 19, 1953	a25.57	20,700				
	Aug. 22, 1953	a29.66	29,400	1961	Jan. 9, 1961	16.14	7,190
					Jan. 14, 1961	15.50	6,520
1954	Jan. 17, 1954	11.10	2,120		Feb. 22, 1961	22.20	15,400
					Mar. 18, 1961	20.21	12,300
1955	Feb. 7, 1955	22.97	15,900		Mar. 29, 1961	a25.40	21,200
	Apr. 14, 1955	32.08	38,700				

a Occurred at different time than peak discharge.

4905.5. Middle Fork Hickory Flat near Tylertown, Miss.

Location.--Lat 31°10', long 90°13', on line between secs. 5 and 8, T.2 N., R.10 E., Washington meridian, at upstream side of culvert on U.S. Highway 98, a quarter of a mile upstream from Fernwood, Columbia & Gulf Railroad bridge, and 5½ miles northwest of Tylertown.

Drainage area.--1.37 sq mi.

Gage.--Crest-stage gage, assumed datum.

Stage-discharge relation.--Theoretical rating and crest-stage gage readings (verified by high-water marks).

Historical data.--Stage of the Aug. 22, 1953, flood is believed to be the highest since the highway was constructed in 1939. The flood of April 1900 produced very high stages on all small creeks in this area.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1953	Aug. 22, 1953	24.9	2,300	1958	Mar. 7, 1958	16.90	b516
1954	-	(a)	-	1959	Apr. 20, 1959	15.08	-
1955	Feb. 5, 1955	16.61	450	1960	May 7, 1960	18.08	832
1956	-	14.8	-	1961	Mar. 29, 1961	16.87	512
1957	Apr. 4, 1957	16.30	b413				

a Less than 14.9 ft (bottom of gage).
b Revised; supersedes figures published in WSP 1554.

4907. Union Creek near Tylertown, Miss.

Location.--Lat 31°10', long 90°08', in SE¼ sec.6, T.2 N., R.11 E., Washington meridian, 100 ft downstream from bridge on State Highway 27 and 3¼ miles north of Tylertown.

Drainage area.--12.6 sq mi.

Gage.--Crest-stage gage. Datum of gage is 279.34 ft, Mississippi Highway Department datum.

Stage-discharge relation.--Defined by current-meter measurements below 2,100 cfs and extended to 12,800 cfs on basis of indirect measurement.

Bankfull stage.--12 ft.

Historical data.--Flood of Aug. 22, 1953, reached about the same stage as that of April 1900. A flood in 1876 produced high stages on all creeks in the area, from information by local residents.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1953	Aug. 22, 1953	19.2	12,800	1958	Feb. 6, 1958	15.32	1,120
1954	-	(a)	-	1959	June 8, 1959	13.84	366
1955	Apr. 12, 1955	15.18	1,020	1960	May 6, 1960	16.97	3,230
1956	May 27, 1956	15.5	1,260	1961	Feb. 18, 1961	16.38	2,130
1957	Apr. 4, 1957	14.35	533				

a Less than 14 ft (bottom of gage).

4907.5. McGees Creek at Tylertown, Miss.

Location.--Lat 31°07', long 90°08', in N½ sec.30, T.2 N., R.11 E., Washington meridian, at bridge a quarter of a mile upstream from Fernwood, Columbia & Gulf Railroad bridge, at city limits of Tylertown, on U.S. Highway 98.

Drainage area.--130 sq mi.

Gage.--Crest-stage gage, assumed datum.

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--Floods of 1876 and 1900 about of equal magnitude at this site (stage unknown), from information by local residents.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1952	-	(a)	-	1957	Apr. 4, 1957	18.04	2,420
1953	Aug. 22, 1953	25.02	9,100	1958	Mar. 7, 1958	18.02	2,410
1954	-	(a)	-	1959	June 16, 1959	18.23	2,540
1955	Apr. 12, 1955	26.54	12,400	1960	May 6, 1960	23.56	6,900
1956	(b)	18.0	2,400	1961	Feb. 22, 1961	26.5	12,300

a Less than 22.7 ft (bottom of gage).
b Date unknown.

4915. Bogue Chitto at Franklinton, La.

Location.--Lat 30°50'35", long 90°09'45", in SE¼SE¼ sec.26, T.2 S., R.10 E., on right bank just downstream from bridge on State Highway 10, three-quarters of a mile west of Franklinton and 3½ miles upstream from Lawrence Creek.

Drainage area.--985 sq mi.

Gage.--Nonrecording prior to June 22, 1939, and since Oct. 1, 1957; recording June 23, 1939, to Sept. 30, 1957. At site a quarter of a mile downstream at datum 1.0 ft higher prior to July 1934; at site half a mile downstream at datum 2.0 ft lower July 1934 to October 1936. Datum of gage is 124.81 ft above mean sea level, datum of 1929, supplementary adjustment of 1941.

Stage-discharge relation.--Defined by current-meter measurements below 46,000 cfs.

Historical data.--Maximum stage known, 27.6 ft, at site and datum a quarter of a mile downstream, from floodmark, sometime in April 1900.

Remarks.--Records furnished by U.S. Weather Bureau prior to August 1928, October 1931 to September 1938, and since October 1957. Base for partial-duration series, 7,000 cfs. Only annual peaks shown prior to 1939 and since October 1957.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1900	April 1900	27.6	-	1947	Mar. 15, 1947	9.20	9,210
					Apr. 2, 1947	15.18	24,100
1922	Mar. 2, 1922	11.0	13,800		Apr. 11, 1947	10.17	11,000
1923	Apr. 6, 1923	17.0	44,500		Sept.20, 1947	8.41	8,020
1924	Dec. 12, 1923	13.0	19,500				
1925	Jan. 18, 1925	18.9	64,400	1948	Dec. 10, 1947	11.32	13,100
					Dec. 16, 1947	9.30	9,370
1926	Jan. 6, 1926	14.5	25,500		Jan. 30, 1948	8.30	7,840
1927	Feb. 14, 1927	17.5	49,500		Mar. 6, 1948	15.01	23,100
1928	June 5, 1928	15.6	32,600				
1929	Feb. 17, 1929	17.0	44,500	1949	Nov. 22, 1948	8.23	7,700
1930	Nov. 15, 1930	17.4	48,500		Nov. 27, 1948	12.80	16,200
					Nov. 29, 1948	13.38	17,300
1931	Nov. 17, 1930	9.3	10,300		Dec. 17, 1948	9.99	10,600
1932	Jan. 26, 1932	12.8	18,900		Jan. 8, 1949	7.66	7,000
1933	Mar. 1, 1933	17.4	48,500		Feb. 18, 1949	11.67	13,900
1934	Mar. 5, 1934	11.5	15,100		Mar. 22, 1949	14.03	19,200
1935	Mar. 8, 1935	13.8	15,600		Apr. 1, 1949	13.67	18,300
					May 2, 1949	15.32	24,600
1936	Feb. 6, 1936	16.0	21,800		Aug. 14, 1949	19.50	9,700
1937	Jan. 21, 1937	16.3	30,500				
1938	Apr. 9, 1938	17.0	35,600	1950	Jan. 8, 1950	17.59	40,700
					Feb. 15, 1950	14.28	20,200
1939	Apr. 1, 1939	10.50	11,300		Mar. 5, 1950	8.43	8,020
	June 4, 1939	13.65	19,100		May 5, 1950	8.45	8,020
1940	Apr. 30, 1940	7.78	7,470	1951	Feb. 1, 1951	11.02	12,500
	July 11, 1940	9.63	10,300		Mar. 31, 1951	15.32	24,600
					Apr. 22, 1951	12.96	16,600
1941	Dec. 17, 1940	11.36	13,500				
	Dec. 29, 1940	9.46	10,100	1952	Apr. 14, 1952	4.04	3,010
1942	Dec. 25, 1941	8.02	7,770	1953	Feb. 26, 1953	9.17	9,210
	Jan. 3, 1942	8.63	8,740		Mar. 16, 1953	7.75	7,240
	Apr. 18, 1942	7.96	7,770		May 6, 1953	14.14	19,700
					May 21, 1953	13.99	19,200
1943	Dec. 29, 1942	16.99	35,500		Aug. 23, 1953	17.29	38,000
	Feb. 7, 1943	12.51	15,600				
	Mar. 21, 1943	18.46	50,000	1954	Dec. 10, 1953	8.38	8,020
	Mar. 26, 1943	9.66	9,990		Dec. 12, 1953	7.67	7,120
1944	Mar. 23, 1944	9.90	10,400	1955	Feb. 8, 1955	13.56	18,000
	Mar. 28, 1944	9.30	9,360		Apr. 15, 1955	18.26	48,000
	Mar. 30, 1944	14.19	19,900				
	Mar. 31, 1944	12.10	14,700	1956	Feb. 5, 1956	11.75	14,000
					Mar. 13, 1956	8.21	8,120
1945	Apr. 29, 1945	9.53	9,700		Mar. 18, 1956	11.61	13,700
1946	Dec. 27, 1945	8.78	8,590	1957	Apr. 6, 1957	9.38	9,770
	Jan. 6, 1946	8.12	7,620		June 30, 1957	7.36	7,070
	Mar. 17, 1946	9.63	9,880				
	May 18, 1946	9.53	9,710	1958	Nov. 15, 1957	9.1	9,350
	Sept.23, 1946	9.36	9,540	1959	June 1, 1959	9.05	9,200
				1960	May 7, 1960	9.56	10,100
1947	Jan. 3, 1947	7.61	7,000				
	Jan. 21, 1947	14.76	22,200	1961	Feb. 22, 1961	18.37	49,200
	Mar. 9, 1947	10.81	12,100				

4920. Bogue Chitto near Bush, La.

Location.--Lat 30°37'45", long 89°53'50", in T.5 S., R.13 E., near center of span on downstream side of bridge on State Highway 21, 0.2 mile downstream from Gulf, Mobile, and Ohio Railroad bridge and 1.4 miles north of Bush.

Drainage area.--1,210 sq mi, approximately.

Gage.--Nonrecording prior to July 21, 1954; recording thereafter. Datum of gage is 44.25 ft above mean sea level, datum of 1929, supplementary adjustment of 1941 (levels by Corps of Engineers).

Stage-discharge relation.--Defined by current-meter measurements below 41,000 cfs.

Remarks.--Base for partial-duration series, 8,000 cfs.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1938	Apr. 11, 1938	13.2	29,600	1949	Apr. 3, 1949	12.72	21,300
					May 3, 1949	13.44	26,300
1939	Apr. 3, 1939	10.4	9,260				
	June 6, 1939	12.1	20,800	1950	Jan. 10, 1950	14.41	33,700
					Feb. 15, 1950	12.95	23,400
1940	July 11, 1940	10.5	9,660		Mar. 7, 1950	10.64	8,600
					Mar. 17, 1950	10.54	8,200
1941	Dec.18-19,1940	11.0	12,400				
	Dec.30-31,1940	10.3	8,900	1951	Feb. 3, 1951	10.74	9,050
					Apr. 1, 1951	13.10	24,100
1942	Jan. 5, 1942	10.2	8,570		Apr. 24, 1951	12.32	18,500
	Apr. 21, 1942	10.3	8,900				
				1953	Feb. 27, 1953	10.82	9,500
1943	Jan. 1, 1943	15.0	44,000		Mar. 17, 1953	10.54	8,200
	Feb.8-9, 1943	11.6	16,800		May 7, 1953	12.65	21,000
	Mar. 23, 1943	15.9	51,200		May 22, 1953	12.28	18,400
	Apr.21-22,1943	11.1	13,000		Aug. 25, 1953	14.39	33,700
1944	Mar.24-25,1944	10.60	10,100	1954	Dec. 7, 1953	10.74	9,050
	Mar. 31, 1944	11.96	20,000		Dec. 12, 1953	10.63	8,600
1946	Dec. 31, 1945	10.35	9,200	1955	Feb. 10, 1955	12.12	17,200
	Jan. 7, 1946	10.12	8,110		Apr. 16, 1955	15.43	41,800
	Mar. 18, 1946	10.60	10,100				
	May 20, 1946	10.40	9,200	1956	Feb. 6, 1956	11.81	15,300
					Mar. 14, 1956	10.45	8,000
1947	Jan. 22, 1947	12.50	23,400		Mar. 19, 1956	11.14	11,200
	Mar. 10, 1947	11.04	12,400				
	Apr. 3, 1947	12.85	25,800	1957	Apr. 8, 1957	10.63	8,740
	Apr. 12, 1947	12.00	17,300				
				1958	Nov. 16, 1958	11.27	11,800
1948	Dec. 12, 1947	11.56	14,700				
	Dec. 17, 1947	10.97	11,400	1959	June 14, 1959	10.58	8,600
	Jan. 31, 1948	10.50	8,810				
	Mar. 6, 1948	14.19	33,900	1960	May 9, 1960	10.69	9,050
1949	Nov. 24, 1948	10.85	10,200	1961	Feb. 23, 1961	17.04	57,000
	Nov. 28, 1948	13.50	27,000		Mar. 20, 1961	12.32	18,500
	Dec. 19, 1948	11.32	12,100		Apr. 1, 1961	12.08	17,200
	Feb. 20, 1949	11.59	13,900				
	Mar. 24, 1949	12.35	19,200				

4922. Talisheek Creek at Talisheek, La.

Location.--Lat 30°32'15", long 89°52'35", at bridge, 0.4 mile northeast of Talisheek.

Drainage area.--17.3 sq mi.

Gage.--Crest-stage gage.

Stage-discharge relation.--Defined by current-meter measurements below 600 cfs.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1951	Apr. 21, 1951	8.21	1,250	1957	Aug. 17, 1957	4.86	275
1952	May 19, 1952	-	(a)	1958	Mar. 10, 1958	5.83	455
1953	Mar. 16, 1953	5.75	435	1959	June 1, 1959	6.55	690
1954	Dec. 5, 1953	8.49	1,350	1960	Feb. 4, 1960	-	-
1955	Apr. 15, 1955	5.97	490		Apr. 3, 1960	6.07	520
1956	June 13, 1956	5.39	360	1961	Sept.15, 1961	7.53	1,000

a Below bottom of gage, discharge less than 200 cfs.

4923.5. East Hobolochitto Creek at Picayune, Miss.

Location.--Lat 30°32'05", long 89°40'30", in SW¼ sec.11, T.6 S., R.17 W., St. Stephens meridian, at bridge on U.S. Highway 11, 0.3 mile upstream from Southern Railroad bridge and 0.7 mile northeast of Post Office in Picayune.

Drainage area.--108 sq mi.

Gage.--Crest-stage gage. Datum of gage is 39.87 ft below mean sea level, datum of 1929.

Stage-discharge relation.--Defined by current-meter measurements.

Historical data.--Flood of July 1916 reached a stage of 58½ ft above mean sea level, datum of 1929, at a point 1 mile upstream, from information by Mississippi Highway Department.

Remarks.--Only annual peaks are shown.

Peak stages and discharges

Water year	Date	Gage height (feet)	Discharge (cfs)	Water year	Date	Gage height (feet)	Discharge (cfs)
1957	Sept.19, 1957	84.82	3,500	1960	Feb. 4, 1960	84.41	3,150
1958	May 20, 1958	87.08	6,100				
1959	Feb. 4, 1959	84.41	3,150	1961	Feb. 18, 1961	85.67	4,500

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INDEX

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MAP SHOWING GAGING STATIONS, FLOOD-FREQUENCY REGIONS, AND HYDROLOGIC AREAS IN THE SOUTH ATLANTIC SLOPE AND EASTERN GULF OF MEXICO BASINS OGEECHEE RIVER TO PEARL RIVER

EXPLANATION

3595 — Gaging station

5 — Hydrologic area

A — Flood-frequency region

FLOOD-FREQUENCY RELATIONS UNDEFINED

20 0 20 40 60 80 100 MILES

20 0 20 40 60 80 100 KILOMETERS

Base compiled, with some modification from River Basin Maps, I A C W R Subcommittee on Hydrology

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1966—W66100